Contents

Goodyear UltraTorque R-1

- Excellent traction and tread cleaning in both wet and dry soil conditions provided by the open center tread and rugged design
- Long lasting treadwear provided by the patented riding cleat
- Able to carry heavier loads than comparable R-1 tires due to the metric design
- Dual marked in metric and conventional sizes
- Also known as UltraTorque DT712

Goodyear UltraTorque Plus R-1

- Same great design features as UltraTorque Radial
- Extra tall metric version equivalent to standard conventional sizes in overall diameter
- Excellent for applications where vehicle field clearance is maximized

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4UT438	380/85R28	UltraTorque	TL	133A8/B	23	30	4,540	13	15	53.4	23.9	160	207	202	48
4UT430	380/85R30	UltraTorque	TL	135A8/B	23	30	4,800	13	15	56	25.1	168	213	198	48
4UT435	380/85R34	UltraTorque	TL	137A8/B	23	30	5,080	13	15	59	26.7	177	226	206	48
4UTD32	380/90R46	UltraTorque	TL	149A8/B	35	30	7,150	13	15	72.5	33.3	219	281	321	52
4UTJ32	380/90R46	UltraTorque	TL	159A8/B	58	30	9,650	13	15	72.5	33.3	219	281	368	52
4UT032	380/90R46	UltraTorque	TL	168A8/B	78	30	12,300	13	15	72.5	33.3	219	281	370	52
4UT4G7	420/80R46	UltraTorque	TL	151A8/B	35	30	7,600	13	16.5	72.5	33.8	218	310	309	50
4UT448	420/85R28	UltraTorque	TL	139A8/B	23	30	5,360	15	17	56.2	25	168	243	204	50
4UT479	420/90R30	UltraTorque	TL	142A8/B	23	30	5,840	15	17	59.2	26.3	177	265	238	52
4UT477	480/80R38	UltraTorque	TL	149A8/B	23	30	7,150	16	18.9	68.9	31	207	323	325	52
4UT777	480/80R38	UltraTorque	TL	155A8/B	35	30	8,550	16	18.9	68.9	31	207	323	328	52
4UT442	480/80R42	UltraTorque	TL	151A8/B	23	30	7,600	16	18.9	72.9	32.9	219	340	342	52
4UT547	480/80R46	UltraTorque	TL	158A8/B	35	30	9,350	16	18.9	76.4	34.8	230	354	404	52
4UT5H4	480/85R34	UltraTorque	TL	149A8/B	23	30	7,150	15	18.9	65.6	29.3	197	323	303	53
4UT589	520/85R38	UltraTorque	TL	155A8/B	23	30	8,550	16	20.3	72.8	32.5	219	384	420	54
4UT452	520/85R42	UltraTorque	TL	157A8/B	23	30	9,100	16	20.3	76.5	34.3	230	409	445	54
4UT652	520/85R42	UltraTorque	TL	162A8/B	35	30	10,500	16	20.3	76.5	34.3	230	409	469	54
4UT752	520/85R42	UltraTorque	TL	170A8/B	52	30	13,200	16	20.3	76.5	34.3	230	409	502	54
4UP442	480/80R42	UltraTorque Plus	TL	151A8/B	23	30	7,600	16	18.9	73.3	33.3	220	340	368	52
4UP542	480/80R42	UltraTorque Plus	TL	154A8/B	29	30	8,250	16	18.9	73.3	33.3	220	340	371	52
4UP547	480/80R46	UltraTorque Plus	TL	158A8/B	35	30	9,350	16	18.9	76.7	35	231	354	420	52

*See Approved Rim Contours section

Goodyear Ultra Sprayer R-1

- Tread bars designed to carry heavy sprayer loads
- Will handle speeds to 30 mph
- Designed specifically for sprayers
- Increased lug bracing for high load durability
- Significant increase in lug surface area for improved lug durability

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4US7T5	320/90R46	Ultra Sprayer	TL	156A8/B	70	30	8,800	10	12.5	69.9	30.9	206	200	312	47
4US8V6	320/90R50	Ultra Sprayer	TL	161A8/B	78	30	10,200	10	12.4	73.6	33.0	220	235	326	47
4US443	320/90R54	Ultra Sprayer	TL	149A8/B	46	30	7,150	10	12.6E	76.7E	35.9E	232E	215E	287	47
4US7MN	320/105R54	Ultra Sprayer	TL	166A8/B	75	30	11,700	10	13.2	80.6	35.6	238	282	359	47
4USH32	380/90R46	Ultra Sprayer	TL	156A8/B	49	30	8,800	12	14.4	72.6	32.6	217	277	368	49
4US032	380/90R46	Ultra Sprayer	TL	168A8/B	78	30	12,300	12	14.4	72.6	32.6	217	277	370	49
4US7JR	380/90R50	Ultra Sprayer	TL	169A8/B	75	30	12,800	12	14.3	77.1	34.6	230	305	383	49
4US9V9	380/90R54	Ultra Sprayer	TL	170A8/B	75	30	13,200	12	14.3	80.9	36.0	240	280	433	49
4US9DT	380/105R50	Ultra Sprayer	TL	170A8/B	70	30	13,200	12	14.3	80.9	36.0	240	280	458	49

*See Approved Rim Contours section

Radial R-1 Goodyear

Goodyear IF Ultra Sprayer

- High flex carcass technology
- Significant increase in lug surface area for improved lug durability
- Will handle speeds to 40 mph
- Design for sprayers to reduce ground pressure
- Increased lug bracing for high load durability

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Speed mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
FUSDT5	IF320/90R46	Ultra Sprayer	TL	159D	64	40	9.650	10	12.5	69.9	30.9	206	200	313	47
FUSDV6	IF320/90R50	Ultra Sprayer	TL	161D	64	40	10,200	10	12.4	73.6	32.9	219	248	339	47
FUSD43	IF320/90R54	Ultra Sprayer	TL	162D	64	40	10,500	10	12.4E	76.7E	35.9E	232E	215E	284E	47
FUSDMN	IF320/105R54	Ultra Sprayer	TL	167D	64	40	12,000	10	12.9	80.1	35.4	236	270	385	47
FUSD32	IF380/90R46	Ultra Sprayer	TL	168D	64	40	12,300	13	14.2	76.6	32.7	219	310	376	49
FUSDJR	IF380/90R50	Ultra Sprayer	TL	170D	64	40	13,200	12	14.3	76.9	34.5	230	312	395	49
FUSDDT	IF380/105R50	Ultra Sprayer	TL	177D	70	40	16,100	12	14.9	80.7	36.1	241	325	470	49
FUSDV9	IF380/90R54	Ultra Sprayer	TL	171D	64	40	13,600	12	14.9E	80.9E	37.5E	244E	305E	445E	49

*See Approved Rim Contours section

Goodyear Dyna Torque Radial R-1

- Reduced vibration in field and road service
- Improved traction from its three-pitch tread design
- Longer body life provided by its natural shape casing

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4DT4H5	320/85R34	Dyna Torque Radial	TL	132D	46	40	4,400	10	12.6	55.4	25.8	167	90	170	46
4DT5H5	320/85R34	Dyna Torque Radial	TL	133A8/B	35	30	4,540	10	12.6	55.4	25.8	167	90	158	46
4DT424	340/90R28	Dyna Torque Radial	TL	129A8/B	23	30	4,080	12	14	51.8	23.7	155	158	156	47
4DT438	380/85R28	Dyna Torque Radial	TL	133A8/B	23	30	4,540	13	15.2	53.8	23.9	161	184	202	49
4DT430	380/85R30	Dyna Torque Radial	TL	135A8/B	23	30	4,800	13	15.2	55.8	24.9	167	191	210	49
4DT435	380/85R34	Dyna Torque Radial	TL	137A8/B	23	30	5,080	13	15.2	59.8	26.9	180	203	229	49
4DT4H6	385/85R34MPT	Dyna Torque Radial	TL	141G	36	55	5,680	13	15.2	59.8	26.9	180	158	236	49
4DT4H2	380/85R46	Dyna Torque Radial	TL	146D	46	40	6,600	13	15.2	71.8	32.9	217	135	355	49
4DT7H2	380/85R46	Dyna Torque Radial	TL	165A8/B	75	30	11,400	13	15.2	71.8	32.9	217	240	370	49
4DT5H2	380/85R46	Dyna Torque Radial	TL	147A8/B	35	30	6,800	13	15.2	71.8	32.9	217	240	332	49
4DT446	420/85R26	Dyna Torque Radial	TL	138A8/B	23	30	5,200	15	17	54.6	24.3	163	221	225	50
4DT448	420/85R28	Dyna Torque Radial	TL	139A8/B	23	30	5,360	15	17.2	56.4	25.4	168	228	243	50
4DT479	420/90R30	Dyna Torque Radial	TL	142A8/B	23	30	5,840	15	17.2	58.5	26.2	175	233	255	50
4DT5G7	420/80R46	Dyna Torque Radial	TL	159A8/B	52	30	9,650	13	16.5	72.5	33.8	218	310	415	50
4DT7G7	420/80R46	Dyna Torque Radial	TL	170A8/B	78	30	13,200	13	16.5	72.5	33.8	218	310	458	50
4DT456	480/85R26	Dyna Torque Radial	TL	145A8/B	23	30	6,400	16	19	57.5	25.4	171	262	260	52
4DT477	480/80R38	Dyna Torque Radial	TL	149A8/B	23	30	7,150	16	19	69.1	31	208	318	333	52
4DT442	480/80R42	Dyna Torque Radial	TL	151A8/B	23	30	7,600	16	18.7	73.3	33.3	221	335	363	52
4DT942	480/80R42	Dyna Torque Radial	TL	166A8/B	58	30	11,700	16	18.7	73.3	33.3	221	335	422	52
4DT547	480/80R46	Dyna Torque Radial	TL	158A8/B	35	30	9,350	16	18.9	77.1	35	232	344	452	52
4DT489	520/85R38	Dyna Torque Radial	TL	148A8/B	17	30	6,950	18	21.2	72.2	32.4	217	380	403	53
4DT589	520/85R38	Dyna Torque Radial	TL	155A8/B	23	30	8,550	18	21.2	72.2	32.4	217	380	422	53
4DT889	520/85R38	Dyna Torque Radial	TL	170A8/B	58	30	13,200	18	21.2	72.2	32.4	217	380	478	53
4DT452	520/85R42	Dyna Torque Radial	TL	157A8/B	23	30	9,100	18	21.2	76.2	34.2	229	399	433	53
4DT6F9	650/75R32	Dyna Torque Radial	TL	172A8/B	46	30	13,900	21	24.9	70.9	30.9	212	461	577	55
4DT596	800/65R32	Dyna Torque Radial	TL	172A8/B	35	30	13,900	27	29.8	71.5	31	214	539	647	56

*See Approved Rim Contours section

Goodyear Dyna Torque Radial II R-1

- Minimizes ground disturbance with its wide, flat footprint and deep grooves
- Performance proven as an original equipment tire

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4RD414	12.4R24	Dyna Torque Radial II	TL	122A8/B	36	30	3,300	11	12.5	45.5	20.9	138	138	118	44
48E256	18.4R26	Dyna Torque Radial II	TL	140A8/B	24	30	5,520	16	19.4	57.1	25.1	170	225	287	53
48E456	18.4R26	Dyna Torque Radial II	TL	152A8/B	42	30	7,850	16	19.4	57.1	25.1	170	225	314	53
4RD450	18.4R30	Dyna Torque Radial II	TL	143A8/B	24	30	6,000	16	19.1	61.1	28.1	183	255	277	50
4RD586	23.1R26	Dyna Torque Radial II	TL	156A8/B	28	30	8,800	20	24.1	64.3	28.9	187	380	441	52

*See Approved Rim Contours section

DT710

DT730

Goodyear DT710/DT730 R-1

- Smooth riding rear farm tire
- Patented tread design of interlocking center lugs reduces ride disturbance
- Provides unmatched performance in dry land conditions where R-1 tires are recommended
- Better traction, improved ride, longer wear and less fuel consumption than any bias ply tire

VERSA TORQUE R-1

Goodyear Versa Torque R-1

- Bi-directional design for optimal performance in either direction
- Excellent ride and handling supplied by the high center contact area tread pattern
- Multiple lug pattern offers large increase in traction edges for excellent traction
- Also known as Versa Torque DT717

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4T7405	290/95R34	DT730	TL	131A8/B	35	30	4,300	10	11.1	55.4	25.4	167	153	132	37
471AF4	320/75R24	DT710	TL	118A8/B	23	30	2910	10	12.3	43.4	19.3	130	134	126	37
471124	13.6R28	DT710	TL	1*	18	30	2,830	12	14	51.8	23.7	155	158	171	40
471324	13.6R28	DT710	TL	3*	30	30	3,740	12	14	51.8	23.7	155	158	178	40
471341	16.9R38	DT710	TL	3*	30	30	6400	15	18.1	66.5	29.9	200	262	189	45
4VT4G0	440/80R28	Versa Torque	TL	140A8/B	23	30	5,520	15	18.1	56.5	24.9	169	128	278	45
471154	18.4R34	DT710	TL	1*	18	30	5360	16	19.4	65.2	28.6	196	300	274	46
4VT5H4	480/85R34	Versa Torque	TL	149A8/B	23	30	7,150	15	19.5	65.7	29.3	197	300	313	52
471350	18.4R30	DT710	TL	1*	18	30	4,940	16	19.4	61.2	26.6	171	262	253	46
471177	18.4R38	DT710	TL	1*	18	30	5680	16	19.4	69.2	30.6	208	318	308	46

*See Approved Rim Contours section

Bias R-1 Goodyear

Goodyear DT195 R-1

- Import design
- Extra deep lug depth

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
D19824001	13.6-28	DT195	TT	8	28	25	3,300	13	13.5	51.5	24	153.5	156	135	42
D19838001	14.9-28	DT195	TT	8	26	25	3,740	13	14.9	53.7	24.7	159.9	160	143	45
D19848001	16.9-28	DT195	TT	8	24	25	4,300	15	17.2	56.4	25.7	167.8	202	197	47

*See Approved Rim Contours section

Goodyear Dura Torque R-1

- Excellent roadability provided by the overlapping center lugs
- Traction in a wide range of sizes due to its long bar design
- Long wear and durability from its braced lug design
- Easy lug cleanability

Goodyear Power Torque R-1

- Established tread design for tough service

Goodyear Traction Torque R-1

- Zig zag lugs for strength
- Large lug head for wear

Goodyear Traction Sure Grip R-1

- Straight 45 degree lugs for even, steady pull
- Open center permits deep sharp bite assuring efficient self-cleaning action

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
42P3C3	6-12	Power Torque	TL	4	28	20	600	5	6	22.8	10.7	68	24	18	19
42P833	7.2-16	Power Torque	TL	8	52	25	1,230	6	7.3	29.5	12.9	86	23	30	34
4TG611	7.2-30	Traction Sure Grip	TL	6	38	25	1,430	6	7.2	42	20.3	126	64	61	34
4DQ665	7-14	Dura Torque	TL	6	36	20	990	6	7	27.1	12.5	81	43	28	32
4DQ666	7-16	Dura Torque	TL	6	36	20	1,100	6	7.4	29.1	13.5	87	49	32	32
4DQ667	8-16	Dura Torque	TL	6	28	20	1,360	6	7.9	31.3	14.1	91	80	39	35
42P651	8.3-16	Power Torque	TL	6	34	25	1,200	7	8.1	31.5	14.1	94	54	36	34
47Q684	8.3-24	Dura Torque	TT	6	34	25	1,610	7	8.4	39	18.4	117	56	47	35
4DQ684	8.3-24	Dura Torque	TL	6	34	25	1,610	7	8.4	39	18.4	117	56	52	35
4DQ695	9.5-16	Dura Torque	TL	6	30	25	1,390	8	9.4	33.2	15.3	99	55	50	36
42P695	9.5-16	Power Torque	TL	6	30	25	1,390	8	9.4	33.3	15.3	100	56	51	40
47Q694	9.5-24	Dura Torque	TT	6	30	25	1,870	8	9.4	41.2	19.2	123	73	56	36
4DQ694	9.5-24	Dura Torque	TL	6	30	25	1,870	8	9.4	41.2	19.2	123	73	69	36
4DQ633	9.5-42	Dura Torque	TL	6	30	25	2,400	8	9.4	59.2	28.1	176	96	110	36
4DQ404	11.2-24	Dura Torque	TL	4	18	25	1,650	10	11.3	43.2	20.2	129	93	88	38
4DQ604	11.2-24	Dura Torque	TL	6	26	25	2,090	10	11.3	43.2	20.2	129	93	86	38
47Q410	11.2-28	Dura Torque	TT	4	18	25	1,760	10	11.3	47.4	22.3	141	99	79	38
4Q2408	11.2-38	Dura Torque I	TL	4	18	25	2,090	10	11.3	57.4	27.3	171	115	115	38
4DQ408	11.2-38	Dura Torque	TL	4	18	25	2,090	10	11.3	57.4	27.3	171	115	118	36
4DQ608	11.2-38	Dura Torque	TL	6	26	25	2,540	10	11.3	57.4	27.3	171	115	131	38
4TT408	11.2-38	Traction Torque	TL	4	18	25	2,090	10	11.5	57.7	25.8	172	132	112	36
4DQ414	12.4-24	Dura Torque	TL	4	16	25	1,870	11	12.4	45.5	21.1	136	117	109	40
47Q414	12.4-24	Dura Torque	TT	4	16	25	1,870	11	12.4	45.5	21.1	136	117	106	40

Goodyear Bias R-1

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
4DQ814	12.4-24	Dura Torque	TL	8	32	25	2,830	11	12.4	45.5	21.1	136	117	115	40
4Q2814	12.4-24	Dura Torque I	TL	8	32	25	2,830	11	12.4	45.5	21.1	136	117	115	40
47Q814	12.4-24	Dura Torque	TT	8	32	25	2,830	11	12.4	45.5	21.1	136	117	110	40
47Q412	12.4-28	Dura Torque	TT	4	16	25	1,980	11	12.4	49.5	23.2	148	125	103	40
4DQ812	12.4-28	Dura Torque	TL	8	32	25	3,000	11	12.4	49.5	23.2	148	148	116	40
47Q618	12.4-38	Dura Torque	TT	6	24	25	2,910	11	12.4	59.5	28.2	177	145	125	40
4DQ018	12.4-38	Dura Torque	TL	10	40	25	3,960	11	12.4	59.5	28.2	177	145	151	40
4DQ619	12.4-42	Dura Torque	TL	6	24	25	3,080	10	11.9	63.5	29.8	189	152	161	39
4DQ019	12.4-42	Dura Torque	TL	10	40	25	4,180	10	11.9	63.5	29.8	189	152	176	39
47Q624	13.6-28	Dura Torque	TT	6	22	25	2,830	12	13.5	51.5	24	154	156	114	42
4DQ624	13.6-28	Dura Torque	TL	6	22	25	2,830	12	13.5	51.5	24	154	156	123	42
4DQ628	13.6-38	Dura Torque	TL	6	22	25	3,300	12	13.5	61.5	29	183	181	156	42
47Q628	13.6-38	Dura Torque	TL	6	22	25	3,300	12	13.5	61.5	29	183	181	155	42
4DQ434	14.9-24	Dura Torque	TL	4	12	25	2,200	13	14.9	49.7	22.7	148	150	143	44
47Q634	14.9-24	Dura Torque	TT	6	20	25	3,000	13	14.9	49.7	22.7	148	150	140	44
4DQ634	14.9-24	Dura Torque	TL	6	20	25	3,000	13	14.9	49.7	22.7	148	150	143	44
4DQ834	14.9-24	Dura Torque	TL	8	26	25	3,520	13	14.9	49.7	22.7	148	150	150	44
47Q638	14.9-28	Dura Torque	TT	6	20	25	3,200	13	14.9	54.3	25	162	160	129	44
4DQ638	14.9-28	Dura Torque	TL	6	20	25	3,200	13	14.9	54.3	25	162	160	148	44
47Q674	15.5-38	Dura Torque	TT	6	20	25	3,520	14	15.6	62.2	28.8	186	175	183	47
47Q874	15.5-38	Dura Torque	TT	8	26	25	4,080	14	15.6	62.2	28.8	186	175	178	47
4DQ645	16.9-24	Dura Torque	TL	6	18	25	3,420	15	17.2	52.4	23.8	156	190	173	50
47Q645	16.9-24	Dura Torque	TT	6	18	25	3,420	15	17.2	52.4	23.8	156	190	165	50
4DQ648	16.9-28	Dura Torque	TL	6	18	25	3,640	15	17.2	56.4	25.7	168	202	199	50
4DQ679	16.9-30	Dura Torque	TL	6	18	25	3,740	15	17.2	58.4	26.8	175	209	203	50
47Q679	16.9-30	Dura Torque	TT	6	18	25	3,740	15	17.2	58.4	26.8	175	209	183	50
4TG690	18.4-16.1	Traction Sure Grip	TL	6	16	25	2,540	16	19.1	45	19.9	132	158	150	50
4DQ650	18.4-30	Dura Torque	TL	6	16	25	4,180	16	18.8	61.1	27.6	182	263	253	52
47Q850	18.4-30	Dura Torque	TT	8	20	25	4,800	16	18.8	61.1	27.6	182	263	218	52
4DQ850	18.4-30	Dura Torque	TL	8	20	25	4,800	16	18.8	61.1	27.6	182	263	235	52
47Q854	18.4-34	Dura Torque	TT	8	20	25	5,080	16	18.8	65.1	29.6	194	279	239	52
47Q877	18.4-38	Dura Torque	TT	8	20	25	5,360	16	18.8	69.1	32.1	205	295	266	52

*See Approved Rim Contours section

Goodyear Dyna Torque II R-1

- Reduce vibration in the field from its long bar/short bar design
- Excellent roadability
- Maximum traction provided by the increased lug count

Goodyear Dyna Torque III R-1

- Long bar/short bar for reduced vibration
- Excellent roadability
- Maximum traction

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
42D382	7-12	Dyna Torque II	TL	4	24	20	715	6	6.8	24	11.3	73	33	20	23
42D682	7-12	Dyna Torque II	TL	6	36	20	910	6	6.8	24	11.3	73	33	20	23
42D3R5	11.2-16	Dyna Torque II	TL	4	18	25	1,280	10	11.8	35.5	16.2	106	71	60	44
427604	11.2-24	Dyna Torque II	TT	6	26	25	2,090	10	11.4	43.2	20.2	129	98	85	44
427412	12.4-28	Dyna Torque II	TT	4	16	25	1,980	11	12.4	49.5	23.2	148	125	96	40
4D3318	12.4-38	Dyna Torque III	TL	14	56	25	4,800	11	12.4	59.5	28.2	177	145	180	40
427822	13.6-24	Dyna Torque II	TT	8	28	25	3,080	12	13.9	47.9	22	143	146	106	47
42D822	13.6-24	Dyna Torque II	TL	8	28	25	3,080	12	13.9	47.9	22	143	146	118	47
42D024	13.6-28	Dyna Torque II	TL	10	36	25	3,740	12	13.8	51.9	24.2	155	156	153	47
42D634	14.9-24	Dyna Torque II	TL	6	20	25	3,000	13	14.9	49.8	22.5	149	150	136	49
42D834	14.9-24	Dyna Torque II	TL	8	26	25	3,520	13	14.9	49.8	22.5	149	150	140	49
42D031	14.9-26	Dyna Torque II	TL	10	32	25	4,080	13	14.8	52.5	24.2	156	155	187	49
427438	14.9-28	Dyna Torque II	TT	4	12	25	1,060	13	14.9	54.3	25	162	160	129	49
42D038	14.9-28	Dyna Torque II	TL	10	32	25	4,180	13	14.9	54.3	25	162	160	169	49
427674	15.5-38	Dyna Torque II	TT	6	20	25	3,520	14	15.6	62.2	28.8	186	175	162	47
427645	16.9-24	Dyna Torque II	TT	6	18	25	3,420	15	17.5	52.7	24.3	157	190	145	50
42D645	16.9-24	Dyna Torque II	TL	6	18	25	3,420	15	17.5	52.7	24.3	157	190	176	50
42D046	16.9-26	Dyna Torque II	TL	10	28	25	4,540	15	17.4	54.8	25.2	163	196	214	49
427648	16.9-28	Dyna Torque II	TT	6	18	25	3,640	15	17.4	56.8	26.2	169	202	168	50
42D048	16.9-28	Dyna Torque II	TL	10	28	25	4,680	15	17.4	56.8	26.2	169	202	214	50

Bias R-1 Goodyear

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
427679	16.9-30	Dyna Torque II	TT	6	18	25	3,740	15	16.9	58.8	26.8	174	209	173	50
427644	16.9-34	Dyna Torque II	TT	6	18	25	3,960	15	16.9	62.5	28.2	186	222	197	50
427820	16.9-38	Dyna Torque II	TT	8	24	25	4,940	15	17.1	66.6	30.7	198	235	232	50
427320	16.9-38	Dyna Torque II	TL	14	40	25	6,800	15	17.1	66.6	30.7	198	235	266	50
42D656	18.4-26	Dyna Torque II	TL	6	16	25	3,960	16	19	57.1	26.1	170	246	228	52
42D056	18.4-26	Dyna Torque II	TL	10	26	25	5,200	16	19	57.1	26.1	170	246	247	52
4DQ156	18.4-26	Dyna Torque II	TL	12	32	25	5,840	16	19	57.1	26.1	170	246	249	52
427850	18.4-30	Dyna Torque II	TT	8	20	25	4,800	16	18.9	61.7	27.9	184	263	215	52
427654	18.4-34	Dyna Torque II	TT	6	16	25	4,400	16	18.8	65.4	29.7	195	279	236	52
427854	18.4-34	Dyna Torque II	TT	8	20	25	5,080	16	18.8	65.4	29.7	195	279	250	52
427054	18.4-34	Dyna Torque II	TT	10	26	25	6,000	16	18.8	65.4	29.7	195	279	261	52
427877	18.4-38	Dyna Torque II	TT	8	20	25	5,360	16	18.9	69.7	32.3	207	295	256	52
427377	18.4-38	Dyna Torque II	TL	14	36	25	7,600	16	18.9	69.7	32.3	207	295	311	52
427077	18.4-38	Dyna Torque II	TT	10	26	25	6,400	16	18.9	69.7	32.3	207	295	278	52
427042	18.4-42	Dyna Torque II	TT	10	26	25	6,600	16	18.9	73.7	34.3	216	310	317	52
427801	20.8-34	Dyna Torque II	TT	8	18	25	5,840	18	21.3	68.6	31	204	322	290	53
427889	20.8-38	Dyna Torque II	TT	8	18	25	6,150	18	21.1	72.3	32.8	215	341	315	53
42D389	20.8-38	Dyna Torque II	TL	14	32	25	8,550	18	21.1	72.3	32.8	215	341	398	53
427089	20.8-38	Dyna Torque II	TT	10	22	25	6,950	18	21.1	72.3	32.8	215	341	332	53
42D052	20.8-42	Dyna Torque II	TL	10	22	25	7,400	18	21.4	76.4	35.1	227	359	419	53
42D352	20.8-42	Dyna Torque II	TL	14	32	25	9,100	18	21.4	76.4	35.1	227	359	419	53
42D186	23.1-26	Dyna Torque II	TL	12	24	25	7,150	20	23.7	64.5	28.7	191	359	374	54
427182	23.1-30	Dyna Torque II	TT	12	24	25	7,600	20	23.7	67.8	30.5	201	343	335	54
427888	23.1-34	Dyna Torque II	TT	8	16	25	6,400	20	23.7	70.8	32.1	211	364	367	54
42D199	24.5-32	Dyna Torque II	TL	12	24	25	8,800	21	25.3	71.8	32.4	213	363	456	55
42D198	28L-26	Dyna Torque II	TL	12	20	25	7,400	25	28.5	64	28.3	190	373	429	58
42D196	30.5L-32	Dyna Torque II	TL	12	20	25	9,350	27	31.1	71.4	32.3	212	468	585	56
42D396	30.5L-32	Dyna Torque II	TL	14	22	25	9,900	27	31.1	71.4	32.3	212	468	619	56
42D596	30.5L-32	Dyna Torque II	TL	16	26	25	11,000	27	31.1	71.4	32.3	212	468	628	56

*See Approved Rim Contours section

Goodyear Harvest Torque R-1

- Premium design specifically for combines
- Increased lugs give excellent roadability

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4HB396	30.5L-32	Harvest Torque	TL	14	22	25	9,900	27	30.5	71.6	32.3	212	468	619	56

*See Approved Rim Contours section

Goodyear Traction Irrigation 3 R-1

- Wrap around lug shape for full tire gripping action
- Open tread for cleaning
- Round tire shape to reduce crop and soil damage

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4TS404	11.2-24	Traction Irrigation 3	TL	4	18	25	1,650	10	11	41.5	19.2	124	93	55	31
4TS434	14.9-24	Traction Irrigation 3	TL	4	12	25	2,200	13	14.7	48.5	22	144	150	98	39

*See Approved Rim Contours section

Super Traction Radial Family

Goodyear Super Traction R-1W

- Self-cleaning tread action promoted by 45 degree tread lug angles
- Up to 25% deeper than conventional R-1 tires
- For applications in heavy, wet soil conditions

Goodyear DT810, DT820, DT822 R-1W

- Self-cleaning tread action promoted by 45 degree tread lug angles
- Up to 25% deeper than conventional R-1 tires
- DT810: 70 series sizes to provide less soil compaction
- DT820, DT822: extra wide flotation sizes for super traction

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4TR483001	7.50R16#	Super Traction Radial	TL	102A8/B	46	30	1,870	5.5	8.1	31.7	14.3	95	39	22	37
4TR484001	7.50R18#	Super Traction Radial	TL	104A8/B	46	30	1,980	5.5	8.1	33.9	15.4	101	41	24	37
4TR3F2001	260/80R20#	Super Traction Radial*	TL	106A8/B	23	30	2,090	8	10.3	37.4	17	112	107	68	31
4T1303001	11.2R20#	Super Traction Radial	TL	111A8/B	24	30	2,400	10	11.5	39.4	17.8	118	116	83	50
4TR4RT001	12.4R20#	Super Traction Radial	TL	116A8/B	24	30	2,760	11	12.6	40.9	18.4	123	130	107	53
4TR4W4001	12.4R32#	Super Traction Radial	TL	122A8/B	24	30	3,300	11	12.6	53.1	24.4	159	155	134	53
4TR422001	13.6R24#	Super Traction Radial	TL	128A8/B	24	30	3,200	12	13.8	47	21.4	141	149	142	54
4TR224001	13.6R28#	Super Traction Radial	TL	123A8/B	24	30	3,420	12	13.8	51	23.3	153	158	160	59
4TR293001	13.6R36#	Super Traction Radial	TL	127A8/B	23	30	3,860	12	13.8	59.1	27.2	177	183	255	59
4TR228001	13.6R38#	Super Traction Radial	TL	128A8/B	24	30	3,960	12	13.8	61.3	28.3	183	197	190	59
4T1CEM001	380/70R20#	DT810	TL	122A8/B	23	30	3,300	12	15	42.4	19	126	157	122	55
4TR534001	14.9R24#	Super Traction Radial	TL	126A8/B	24	30	3,740	12	15	58.9	26.9	147	226	200	56
4TRB30	14.9R30	Super Traction Radial	TL	134A8/B	24	30	4,080	13	15.2	54.9	25	165	191	209	61
4TR445	16.9R24	Super Traction Radial	TL	134A8/B	24	30	4,680	15	17.7	51.8	22	154	206	203	62
4TR446001	16.9R26#	Super Traction Radial	TL	135A8/B	24	30	4,800	15	17.6	53.9	24.2	162	221	210	57
4TR748	16.9R28	Super Traction Radial	TL	136A8/B	24	30	4,940	15	17.6	56.1	25.2	168	228	251	62
4TR479	16.9R30	Super Traction Radial	TL	144A8/B	35	30	6,150	15	17.6	57.9	26.2	173	233	264	62
4TR7M4	420/85R34	Super Traction Radial	TL	147A8/B	35	30	6,800	15	16.6	62	28.1	186	183	306	62
4TR441001	16.9R38#	Super Traction Radial	TL	141A8/B	24	30	5,680	15	17.6	68.6	31.8	207	190	256	62
4TR256	18.4R26	Super Traction Radial	TL	140A8/B	24	30	5,520	16	19.2	56.8	25.1	170	262	264	64
4T2433	480/65R28	DT820	TL	131A8/B	17	30	4,180	15	19	52.6	23.6	157	250	273	55
4TR450001	18.4R30#	Super Traction Radial	TL	142A8/B	24	30	5,840	16	19.2	60.8	27.1	182	272	250	64
4T1440	480/70R30	DT810	TL	152A8/B	46	30	7,850	15	18.9	58.4	26	175	264	294	62
4T15M5	480/70R34	DT810	TL	146A8/B	29	30	6,600	15	19.2	62.2	27.9	187	273	346	62
4T16M5	480/70R34	DT810	TL	155A8/B	46	30	8,550	15	19.2	62.2	27.9	187	273	363	62
4TR454001	18.4R34#	Super Traction Radial	TL	144A8/B	24	30	6,150	16	19.2	64.8	29.1	194	300	260	64
4TR777	18.4R38	Super Traction Radial	TL	146A8/B	24	30	6,600	16	19.2	68.7	31.1	205	318	333	64
4TR742	18.4R42	Super Traction Radial	TL	148A8/B	24	30	6,950	16	18.4	72.1	32.9	217	335	389	64
4TR842	18.4R42	Super Traction Radial	TL	153A8/B	30	30	8,050	16	18.4	72.1	32.9	217	335	401	64
4TR547	480/80R46	Super Traction Radial	TL	158A8/B	35	30	9,350	16	18.9	76.5	34.8	230	354	446	64
4TR751	480/80R50	Super Traction Radial*	TL	159A8/B	35	30	9,650	15	19	80.7	37.1	243	361	481	64
4TR851	480/80R50	Super Traction Radial*	TL	165A8/B	46	30	11,400	15	19	80.7	37.1	243	361	506	64
4TR951	480/80R50	Super Traction Radial*	TL	176A8/B	73	30	15,700	15	19	80.7	37.1	243	361	530	64
4TR789	20.8R38	Super Traction Radial	TL	153A8/B	24	30	8,050	18	21.6	72.2	32.5	216	380	467	72
4TR452	520/85R42	Super Traction Radial	TL	157A8/B	23	30	9,100	18	21.6	76.2	34.5	228	399	501	72
4TR652	520/85R42	Super Traction Radial	TL	162A8/B	35	30	10,700	18	21.6	76.2	34.5	228	399	530	72
4TR771	520/85R46	Super Traction Radial	TL	158A8/B	23	30	9,350	16	21.3	80.6	36.3	242	439	538	72
4TR971	520/85R46	Super Traction Radial	TL	169A8/B	46	30	12,800	16	21.3	80.6	36.3	242	439	600	72
4TR698	28LR26	Super Traction Radial	TL	169A8/B	42	30	12,800	25	28.2	63.2	28.6	189	500	532	78
4T24D8	540/65R30	DT820	TL	150A8/B	35	30	7,400	16	20.9	57.6	25.4	173	281	330	58

IMPORTED
*Supertraction DT800

Radial R-1W Goodyear

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
4T2865	600/65R28	DT820	TL	154A8/B	35	30	8,250	18	23.3	58.7	26.5	175	325	379	64
4T27M6	600/70R30	DT820	TL	152A8/B	23	30	7,850	20	24.1	63.1	27.7	188	357	426	59
4T2770	620/70R42	DT820	TL	160A8/B	23	30	9,900	20	24.6	76.7	34.5	230	465	587	66
4T2781	620/70R46	DT820	TL	162A8/B	23	30	10,500	20	24.6	80.7	36.4	243	473	595	71
4T2881	620/70R46	DT820	TL	167A8/B	35	30	12,000	20	24.6	80.7	36.4	243	473	611	71
4T2981	620/70R46	DT820	TL	176A8/B	55	30	15,700	20	24.6	80.7	36.4	243	473	659	71
4T25FB	620/75R26	DT820	TL	166A8/B	46	30	11,700	20	23.9	62.8	28	188	374	460	72
4T26FT	620/75R34	DT820	TL	170A8/B	46	30	13,200	20	24.6	70.6	31.2	211	400	520	71
4T27DT	650/65R42	DT820	TL	170A8/B	46	30	13,200	20	23.8	75.3	33.7	225	375	640	68
4T27FU	650/75R32	DT820	TL	172A8/B	46	30	13,900	21	24.9	70.9	30.9	212	461	638	74
D227FU001	650/75R32#	DT822	TL	172A8/B	46	30	13,900	20	24.2	71.5	32.2	213	382	866	74
4T26FV	650/75R34	DT820	TL	162A8/B	23	30	10,500	20	26.8	72.6	31.5	217	473	536	68
4T27HA	650/85R38	DT820	TL	173A8/B	35	30	14,300	20	25.6	80.7	35.5	241	490	578	71
4T2769	710/70R38	DT820	TL	166A8/B	23	30	11,700	23	28	76	33.7	228	490	695	73
4T2791	710/70R42	DT820	TL	168A8/B	23	30	12,300	23	28	81	36.2	243	572	703	73
4TR596	800/65R32	Super Traction Radial	TL	172A8/B	35	30	13,900	27	30.1	71.5	31.8	214	539	741	75
4TR696	800/65R32	Super Traction Radial	TL	175A8/B	41	30	15,200	27	30.1	71.5	31.8	214	539	684	75
4T27M8	800/70R38	DT820	TL	173A8/B	23	30	14,300	25	31.4	81.1	35.7	242	647	945	77
4T27G1	850/80R38	DT820	TL	180A8/B	23	30	17,600	28	33.5	90.5	39.2	269	775	1104	87
GT28G1	850/75R42	DT820	TL	185A8/B	35	30	20,400	28	33.5	89.3	40.9	268	775	1208	87

*See Approved Rim Contours section

Optitrac Radial Family

DT800

DT806

Goodyear Optitrac DT800 R-1W

- Self-cleaning tread action promoted by 45 degree tread lug angles
- Up to 25% deeper than conventional R-1 tires
- For applications in heavy, wet soil conditions

Goodyear Optitrac DT806 R-1W

- Self-cleaning tread action promoted by 45 degree tread lug angles
- Up to 25% deeper than conventional R-1 tires
- 85 series tires to match conventional tire sizes


DT812, DT818, DT824, DT830

Goodyear Optitrac DT812, DT818, DT824, DT830 R-1W

- Self-cleaning tread action promoted by 45 degree tread lug angles
- Up to 25% deeper than conventional R-1 tires
- Extra wide flotation sizes for super traction

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
D123E3001	200/70R16#	DT812	TL	94A8/B	35	30	1,480	6	7.8	27	12.3	80	38	35	30
D122E5001	240/70R16#	DT812	TL	104A8/B	35	30	1,980	8	9.6	29.2	13.1	87	71	21	34
4T04JE	250/90R38	DT800*	TL	132A8/B	52	30	4,400	8	9.9	55.7	26	168	138	139	52

*Supertraction DT800

Goodyear Radial R-1W

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4T04KF	250/95R34	DT800*	TL	119A8/B	23	30	3,000	8	9.9	53.1	24.4	160	133	126	55
4T04KG	250/95R50	DT800*	TL	137A8/B	46	30	5,080	8	9.9	68.5	32.4	207	167	162	55
4T04KH	250/95R54	DT800*	TL	141A8/B	52	30	5,680	8	9.9	72.3	34.2	219	172	209	55
D124E6001	260/70R16#	DT812	TL	109A8/B	35	30	2,270	8	10.2	30.3	13.7	91	68	50	35
D124E2001	260/70R20#	DT812	TL	113A8/B	35	30	2,540	8	10.2	34.3	15.7	103	77	60	40
D123EH001	280/70R16#	DT812	TL	112A8/B	35	30	2,470	9	11.1	31.8	14.3	95	84	58	34
D123EF001	280/70R18#	DT812	TL	114A8/B	35	30	2,600	9	11.1	33.4	15.2	100	89	66	40
D12AEF001	280/70R20#	DT812	TL	116A8/B	35	30	2,760	9	11.1	35.8	16.1	107	94	70	40
D06404001	280/85R24#	DT806	TL	115A8/B	23	30	2,680	9	11.1	42.7	19.4	128	109	100	51
D06280001	280/85R28#	DT806	TL	118A8/B	23	30	2,910	9	11.9	46.9	21.3	141	119	110	51
4T07V1	290/90R38	DT800*	TL	138A8/B	46	30	5,200	9	11.4	58.9	27.2	177	153	181	57
4T04JJ	290/90R42	DT800*	TL	140A8/B	46	30	5,520	9	11.4	61.9	28.8	187	162	192	57
D12BEC001	300/70R20#	DT812	TL	110A8/B	23	30	2,340	9	11.6	37.7	17.1	113	107	142	43
4T05MN	320/105R54	DT800*	TL	153A8/B	46	30	8,050	10	13.6	80.3	37.7	242	239	343	58
4T06MN	320/105R54	DT800*	TL	163A8/B	70	30	10,700	10	13.6	80.3	37.7	242	239	342	58
4T07MN	320/105R54	DT800*	TL	166A8/B	75	30	11,700	10	13.6	80.3	37.7	242	239	343	58
D12114001	320/70R24#	DT812	TL	116A8/B	23	30	2,760	10	12.1	43.2	19.7	130	133	112	48
4T08V2	320/80R42	DT800*	TL	141A8/B	46	30	5,680	10	12.6	61.9	28.8	187	177	214	55
D06A14001	320/85R24#	DT806	TL	122A8/B	23	30	3,300	10	12.6	45.4	20.4	136	135	168	52
D06B9A001	320/85R28#	DT806	TL	124A8/B	23	30	3,520	10	13.4	49.4	22.3	148	144	133	52
4T04HL	320/85R34	DT800*	TL	133A8/B	35	30	4,540	10	12.6	55.9	25.8	168	177	183	57
D06320001	320/85R36#	DT806	TL	128A8/B	23	30	3,960	10	12.6	57.4	26.4	173	162	174	52
4T0545	320/85R38	DT800*	TL	143A8/8	52	30	6,000	10	12.6	58.8	27.2	177	162	193	57
4T0645	320/85R38	DT800*	TL	152A8/B	73	30	7,850	10	12.6	58.8	27.2	177	162	219	57
4T04JM	320/90R42	DT800	TL	139A8/B	35	30	5,360	10	12.6	65.4	30.1	197	187	211	58
4T05JM	320/90R42	DT800	TL	147A8/B	52	30	6,800	10	12.6	65.4	30.1	197	187	236	58
4T04T5	320/90R46	DT800	TL	148A8/B	52	30	6,950	10	12.6	68.6	31.8	207	190	264	52
4T05T5	320/90R46	DT800	TL	153A8/B	64	30	8,050	10	12.6	68.6	31.8	207	190	282	52
4T07T5	320/90R46	DT800	TL	156A8/B	70	30	8,800	10	12.6	68.6	31.8	207	190	290	55
4T07V6	320/90R50	DT800	TL	148A8/B	46	30	6,950	10	12.6	72.6	33.8	219	195	284	52
4T05V6	320/90R50	DT800	TL	152A8/B	58	30	7,850	10	12.6	72.6	33.8	219	195	285	52
4T09V6	320/90R50	DT800	TL	159A8/B	75	30	9,650	10	12.6	72.6	33.8	219	195	304	52
4T08V6	320/90R50	DT800	TL	161A8/B	78	30	10,200	10	12.6	72.6	33.8	219	195	313	52
4T0443	320/90R54	DT800*	TL	149A8/B	46	30	7,150	10	12.6	76.2	35.7	230	213	287	58
4T0HC1	320/90R72.5	DT800*	TL	162A8/B	64	30	10,500	10	12.6	94.7	44.9	286	162	456	58
D064C2001	340/85R28#	DT806	TL	127A8/B	23	30	3,860	11	13.5	50.7	22.9	152	158	133	52
D064C6001	340/85R36#	DT806	TL	132A8/B	23	30	4,400	11	13.5	58.7	26.9	177	180	200	52
D06340001	340/85R38#	DT806	TL	133A8/B	23	30	4,540	11	13.5	60.7	27.9	183	186	202	64
D123E7001	360/70R20#	DT812	TL	129A8/B	35	30	4,080	11	14.1	41.5	18.5	124	141	150	53
D12422001	360/70R24#	DT812	TL	122A8/B	23	30	3,300	11	14	45.6	20.5	137	153	139	53
D12424001	360/70R28#	DT812	TL	126A8/B	23	30	3,640	11	13.9	49.7	22.2	149	167	150	53
D12234001	380/70R24#	DT812	TL	125A8/B	23	30	3,640	12	14.8	46.8	21.2	140	171	291	55
D12138001	380/70R28#	DT812	TL	127A8/B	23	30	3,860	12	15.1	50.7	23	152	183	157	55
4T07M3	380/80R38	DT800*	TL	142A8/B	35	30	5,840	12	15	62.2	28.6	187	231	243	60
4TO4RZ	380/80R42	DT800**	TL	150A8/B	46	30	7,400	12	14.2	66.1	29.7	198	277	295	59
D06438001	380/85R28#	DT806	TL	133A8/B	23	30	4,540	12	15	53.4	23.9	160	186	205	48
D06203001	380/85R24#	DT806	TL	125A8/B	23	30	4,300	12	15.9	49	21.8	146	176	136	60
4T04HP	380/85R34	DT800*	TL	137A8/B	23	30	5,080	13	15	58.9	26.9	177	226	229	60
4T06HP	380/85R34	DT800*	TL	155A8/B	64	30	8,550	13	15	58.9	26.9	177	226	279	60
4T04JQ	380/90R46	DT800	TL	149A8/B	35	30	7,150	13	15	72.7	33.5	219	281	300	61
4T06JQ	380/90R46	DT800	TL	159A8/B	58	30	9,650	13	15	72.7	33.5	219	281	332	61
4T04JR	380/90R50	DT800	TL	151A8/B	35	30	7,600	12	15	76.3	35.4	230	288	349	62
4T06JR	380/90R50	DT800	TL	166A8/B	70	30	11,700	12	15	76.3	35.4	230	288	398	62
4T07V9	380/90R54	DT800*	TL	152A8/B	35	30	7,850	12	15	80.4	37.3	243	305	378	61
4T09V9	380/90R54	DT800*	TL	170A8/B	75	30	13,200	12	15	80.4	37.3	243	305	429	61
D12445001	420/70R24#	DT812	TL	130A8/B	23	30	4,180	13	16.5	49	22	147	201	185	56
D12448001	420/70R28#	DT812	TL	133A8/B	23	30	4,540	13	16.9	52.9	23.6	159	248	200	56
D124E1001	480/70R24#	DT812	TL	138A8/B	23	30	5,200	15	19.1	52.1	23	155	245	219	58
D12423001	480/70R28#	DT812	TL	145A8/B	35	30	6,400	15	19.1	56	25.2	168	257	285	62
D12323001	480/70R28#	DT812	TL	140A8/B	23	30	5,520	15	19.1	56	25.2	168	257	271	62
D12440	480/70R30	DT812	TL	152A8/B	46	30	7,850	15	18.9	58.4	26	175	264	321	64
D125M5	480/70R34	DT812	TL	146A8/B	29	30	6,600	15	19.2	62.2	27.9	187	273	316	64
D126M5	480/70R34	DT812	TL	155A8/B	46	30	8,550	15	19.2	62.2	27.9	187	273	334	64

*Supertraction DT800 **Optitrac DT800

IMPORTED

Radial R-1W Goodyear

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
D06B45001	420/85R24#	DT806	TL	137A8/B	23	30	5,080	13	17.9	52.1	23	155	208	163	61
D06C08001	420/85R28#	DT806	TL	144A8/B	35	30	6,150	13	17.9	56.1	24.9	168	219	245	61
D06901001	420/85R30#	DT806	TL	140A8/B	23	30	5,520	13	17.9	58.1	25.9	174	226	229	61
4T04C1	420/90R30	DT800**	TL	147A8/B	35	30	6,800	13	16.6	57.9	26.1	174	279	272	62
D067M4	420/85R34	DT806	TL	147A8/B	35	30	6,800	13	17.4	62.3	27.9	186	262	306	62
DO6568	420/85R38	DT806	TL	149A8/B	35	30	7,150	13	16.9	66.5	29.9	199	300	299	63
D06426001	460/85R26#	DT806	TL	143A8/B	23	30	6,000	14	17.9	56.8	25	169	246	259	63
D06451001	460/85R30#	DT806	TL	145A8/B	23	30	6,400	15	19.4	60.8	27	182	273	273	64
D065B8001	460/85R34#	DT806	TL	147A8/B	35	30	6,800	15	19.4	64.8	29	194	302	302	64
D064RR001	460/85R38#	DT806	TL	149A8/B	23	30	7,150	15	19.4	68.9	29	207	293	400	60
D064H2001	460/85R42#	DT806	TL	150A8/B	23	30	7,400	15	18.7	72	32.7	219	303	370	61
4T0562	480/95R50	DT800**	TL	164A8/B	35	30	11,000	15	19.6	84.6	37.9	252	396	592	64
4T05PJ	480/95R54	DT800**	TL	166A8/B	35	30	11,700	16	19.8	89.4	39.7	265	496	587	64
D12589001	520/70R38#	DT812	TL	150A8/B	23	30	7,400	16	20.4	68.9	30.8	207	190E	395	64
D06589001	520/85R38#	DT806	TL	155A8/B	23	30	8,550	16	21.2	72.2	32.4	219	380	434	64
D064RB	520/85R50	DT806	TL	165A8/B	35	30	11,400	16	20.8E	84.8E	38.5E	255E	395E	NA	64
D18475	540/65R24	DT818	TL	146A8/B	35	30	6,600	16	20.9	51.8	22.8	154	280	271	63
D184CC001	540/65R28#	DT818	TL	142A8/B	23	30	5,840	18	21.6	55.6	24.8	167	239	284	63
D185DA	540/65R34	DT818	TL	152A8/B	35	30	7,850	16	20.9	61.7	27	185	305	360	63
D245FB001	540/75R28#	DT824	TL	154A8/B	35	30	8,250	18	21.6	59	26.1	176	250	354	63
D245FA	540/75R34	DT824	TL	157A8/B	35	30	9,100	18	22.6	65.2	29.3	195	370	416	66
D125EM001	580/70R38#	DT812	TL	155A8	23	30	8,550	18	23.1	72.2	32.4	216	437	445	71
D064D4	580/85R42	DT806	TL	166A8/B	29	30	11,700	18	22.7E	80.8E	36.0E	243E	283E	550E	68
D24865	600/65R28	DT824	TL	154A8/B	35	30	8,250	20	24.3	58.8	26	175	298	397	64
D247C3	600/70R28	DT824	TL	161A8/B	41	30	10,000	18	25	61.1	27.5	183	388	445	64
D247M6	600/70R30	DT824	TL	152A8/B	23	30	7,850	20	23.4	63.6	28.5	190	521	423	66
D247FC	620/75R30	DT824	TL	163A8/B	35	30	10,700	20	23.4	67.3	30.4	200	313	596	74
D12770	620/70R42	DT812	TL	166A8/B	35	30	11,700	20	23.9	76.1	35.6	230	441	603	66
D12881	620/70R46	DT812	TL	167A8B/	35	30	12,000	20	24.6	80.7	36.4	243	470	640	71
D185DD001	650/65R38#	DT818	TL	157A8/B	23	30	9,100	20	25.7	72.4	32.4	217	450	509	72
D246FW	650/75R38	DT824	TL	169A8/B	35	30	12,800	21	25.8	76.4	34	228	437	678	76
D247HA	650/85R38	DT824	TL	173A8/B	35	30	14,300	21	25.8	81.2	35.8	242	490	739	76
D247DA	650/85R42	DT824	TL	174A8/B	35	30	14,800	20	25.4E	85.6E	37.8E	257E	524E	NA	76
D24769	710/70R38	DT824	TL	166A8/B	23	30	11,700	23	28.2	76.5	34.3	228	464	749	78
D24869	710/70R38	DT824	TL	171A8/B	35	30	13,600	23	28.2	76.5	34.3	228	464	778	78
D24969	710/70R38	DT824	TL	179A8/B	52	30	17,100	23	28.2	76.5	34.3	228	464	836	78
D24491	710/70R42	DT824	TL	173A8/B	35	30	14,300	23	28.2	80.4	36	241	490	774	78
D24891	710/70R42	DT824	TL	179A8/B	46	30	17,100	23	28.2	80.4	36	241	490	829	78
4T36N6	750/65R26	DT830	TL	166A8/B	35	30	11,700	25	30	64	29	191	510	681	65
4T30M8	800/70R38	DT830	TL	173A8/B	23	30	14,300	25	32.5	80.2	36.6	238	728	916	77
4T37R7	800/70R42	DT830	TL	179A8/B	35	30	17,100	25	31.4E	86.1E	38E	258E	606E	NA	77
4T37G1	850/80R38	DT830	TL	180A8/B	23	30	17,600	28	33.5E	90.5E	39.2E	269E	775E	1164	87
GT38G1	850/75R42	DT830	TL	185A8/B	35	30	20,400	28	33.5E	90.5E	39.2E	269E	775E	1164E	87
4T34A2	900/50R42	DT830	TL	168A8/B	23	30	12,300	27	34.9	76.6	34.4	230	564	948	61
4T34B2001	900/55R32#	DT830	TL	173A8/B	26	30	14,300	27	34.4	72.3	31.2	215	606	808	71
4T34C2	900/60R32	DT830	TL	176A8/B	35	30	15,700	30	36.2	76.1	33.4	226	709	809	71
4T36C2	900/60R32	DT830	TL	185A8/B	58	30	20,400	30	36.2	76.1	33.4	226	709	837	71
4T3BB1	900/70R32	DT830	TL	182A8/B	35	30	18,700	27	34.8E	81.6E	35.1E	243	659E	NA	71
4T37C4	900/75R32	DT830	TL	184A8/B	35	30	19,800	30	36.3	85.2	38.5	253	840	1062	71
GT37C4	900/60R42	DT830	TL	180A8/B	35	30	17,600	30	36.3E	85.2E	38.5E	253E	840E	NA	71

IMPORTED

*See Approved Rim Contours section

**Optitrac DT800

Goodyear Optitrac R+

- 10% more traction than the standard R-1W
- 23% more load capacity at the same inflation
- 40 mph rated transport speed
- 6 psi pressure reduction for same load

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
4RP7M6	600/70R30	R+	TL	152D	23	40	7,850	20	23.4	63.6	28.5	190	521	380	66
4RP45D	600/65R34	R+	TL	157D	35	40	9,100	20	23.3E	64.7E	28.9E	194E	311E	560E	66
4RP7FC	620/75R30	R+	TL	163D	35	40	10,700	20	23.4	67.3	30.4	200	496	583	76
4RP6JD	650/60R34	R+	TL	159D	35	40	9,650	20	24.6	65.0E	29E	194E	329E	580E	66
4RP7HA	650/85R38	R+	TL	173D	35	40	14,300	21	27.7	81.2	35.8	242	490	826	76
4RP491	710/70R42	R+	TL	173D	35	40	14,300	23	28.2	80.4	36	241	490	829	78
4RP6P9	710/75R42	R+	TL	175D	35	40	15,200	23	28.2	84.9	37.7	254	550	965	78

*See Approved Rim Contours section

IF High Flexion

Goodyear Optitrac DT800 IF

- Stronger casing materials allowing extra sidewall flex
- Aero-tie in bead construction for power Transmission
- Fit to standard rims
- Carcass design for high torque applications

Goodyear Optitrac DT830 IF

- Stronger casing materials allowing extra sidewall flex
- Aero-tie in bead construction for power Transmission
- Fit to standard rims
- Carcass design for high torque applications

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
FT09V2	IF320/80R42	DT800	TL	149A8/B	49	30	7,150	10	12.6E	61.9E	28.8E	187E	177E	240E	55
FT07MN	IF320/105R54	DT800	TL	167A8/B	64	30	12,000	10	13.6E	80.3E	37.7E	242E	239E	350E	58
FT08M3	IF380/80R38	DT800	TL	149A8/B	35	30	7,150	12	15E	62.2E	28.6E	187E	231E	282	60
FT06JR	IF380/90R50	DT800	TL	166A8/B	55	30	11,700	12	15E	76.3E	35.4E	230E	288E	410E	62
FT30M8	IF800/70R38	DT830	TL	179A8/B	23	30	17,100	27	32.5E	80.2E	34.4E	230E	564E	930E	77
GT37M8	IF800/55R46	DT830	TL	182D	41	40	18,700	28	30.5	81.5	36.7	239	688	902	77

*See Approved Rim Contours section

Bias R-1 Goodyear

High Flexion Cyclic Field Operation

Goodyear Optitrac H+

- Stronger casing material allowing extra sidewall flexing
- Aero-Tie In bead construction for power transmission
- Fit to standard rim sizes
- Carcass design for cyclic load applications

Goodyear Optitrac DT830

- Stronger casing material allowing extra sidewall flexing
- Aero-Tie In bead construction for power transmission
- Fit to standard rim sizes
- Carcass design for cyclic load applications

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
FTD698	IF710/60R30CFO	STR	TL	168A8/B	35	30	12,300	25	28.1E	63.5E	28.0E	190E	350E	560E	78
4HP5P4001	IF800/70R32CFO	H+	TL	182A8	35	25	18,700	27	30.7	76.1	33.6	226	686	902	77
4HP7E4001	IF800/75R32CFO	H+	TL	184A8	35	25	19,800	27	31.5	80.5	35.7	239	725	924	78
4HP9M8	IF800/70R38CFO	H+	TL	184A8	35	25	19,800	27	32.5E	80.2E	36.6E	238E	750E	930E	77
4HP6C2	IF900/60R32CFO	H+	TL	182A8	35	25	18,700	30	36.2	76	33.4	227	765	835E	71
FT37W8	IF900/50R46CFO	DT830	TL	185A8/B	41	30	20,400	30	32.5	81.9	36.3	243	879	1047	71

*See Approved Rim Contours section

Super Traction Family Heavy Duty

Goodyear DT820 HD R-1W

- Designed for severe applications such as scraper service
- Specialized tread compounds for chip/chunk resistance
- Reinforced bead area

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4H2770	620/70R42	DT820 HD	TL	166A8/B	35	30	11,700	20	24.6	76.7	34.5	230	465	628	66
4H2970	620/70R42	DT820 HD	TL	172A8/B	46	30	13,900	20	24.6	76.7	34.5	230	465	613	66
4H2869	710/70R38	DT820 HD	TL	171A8/B	35	30	13,600	23	28	76	33.7	228	490	725	73
4H2491	710/70R42	DT820 HD	TL	173A8/B	35	30	14,300	23	28.2	81.1	36.2	243	572	800	73
4H29M8	800/70R38	DT820 HD	TL	181A8/B	41	30	18,200	25	31.4	81.1	35.7	242	647	980	77

*See Approved Rim Contours section

Goodyear Radial R-1W

Goodyear DT900 R-1W

- Developed for high clearance with the row crop market in mind and features a deeper tread than an R-1 tire for improved traction

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
49V7N3	230/95R32	DT900	TL	140A8/B	84	30	5,520	7	9.1	50.2	23.2	150	97	117	54

*See Approved Rim Contours section

Goodyear DT924 R-1W

- Self-cleaning tread action promoted by 45 degree tread lug angles
- Up to 25% deeper than conventional R-1 tires
- Extra wide flotation sizes for super traction

Goodyear DT930 R-1W

- Largest drive wheel radial tire in the industry
- Reduces vehicle bounce, loping and power hop
- Low aspect ratio for stability

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4D4765	600/65R28	DT924	TL	147A8/B	23	30	6,800	18	22.6	58.6	26.4	175	325E	390	69
49M7M8	800/70R38	DT924	TL	173A8/B	23	30	14,300	25	31	82.1	36.9	246	647E	901	74
G8M716	1100/45R46	DT930	TL	177A8/B	23	30	16,100	38	43.3	85	38.9	251	780	1,274	77
G8M916	1100/45R46	DT930	TL	189A8/B	46	30	22,700	38	43.3	85	38.9	251	780	1,320	77

*See Approved Rim Contours section

Goodyear Radial R-2

Goodyear Special Sure Grip TD8 Radial R-2

- Twice the tread depth of conventional R-1 tires
- Extra bite in soft, moist soil provided by open-faced tread design
- Extra lug bracing provides durability and strength

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4TD7V8	320/90R46	Special Sure Grip TD8 Radial	TL	148A8/B	52	30	6,950	10	12.6	70.8	32.6	213	190	296	86
4TD4H1	340/85R46	Special Sure Grip TD8 Radial	TL	140A8/B	29	30	5,520	12	13.6	70.8	32.8	213	203	260	84
4TD448	420/85R28	Special Sure Grip TD8 Radial	TL	139A8/B	23	30	5,360	15	16.9	58.2	26.5	173	228	270	86
4TD479	420/90R30	Special Sure Grip TD8 Radial	TL	142A8/B	23	30	5,840	15	17.2	58.9	26.6	177	273	308	86
4TD4M5	480/70R34	Special Sure Grip TD8 Radial	TL	146A8/B	29	30	6,600	15	18.9	63.9	29	190	273	376	91
4TD6M5	480/70R34	Special Sure Grip TD8 Radial	TL	155A8/B	46	30	8,550	15	18.9	63.9	29	190	273	400	91
4TD450	480/85R30	Special Sure Grip TD8 Radial	TL	147A8/B	23	30	6,800	15	18.9	63.9	29	190	305	373	91
4TD650	480/85R30	Special Sure Grip TD8 Radial	TL	156A8/B	41	30	8,800	15	18.9	63.9	29	190	305	396	91
4TD477	480/80R38	Special Sure Grip TD8 Radial	TL	149A8/B	23	30	7,150	16	18.4	71.2	32.3	212	318	400	99
4TD442	480/80R42	Special Sure Grip TD8 Radial	TL	151A8/B	23	30	7,600	16	18.4	75	34.4	225	335	425	92
4TD547	480/80R46	Special Sure Grip TD8 Radial	TL	158A8/B	35	30	9,250	16	18.4	77.9	36	238	344	468	92
4TD751	480/80R50	Special Sure Grip TD8 Radial	TL	159A8/B	35	30	9,650	16	18.2	80.7	36.2	241	375	532	92
4TD589	520/85R38	Special Sure Grip TD8 Radial	TL	155A8/B	28	30	8,550	18	21.7	74.5	33.6	222	380	510	108
4TD452	520/85R42	Special Sure Grip TD8 Radial	TL	157A8/B	23	30	9,100	16	20.8	77.9	36	234	399	571	98
4TD652	520/85R42	Special Sure Grip TD8 Radial	TL	162A8/B	35	30	10,700	16	20.8	77.9	36	234	399	591	98
4TD752	520/85R42	Special Sure Grip TD8 Radial	TL	165A8/B	41	30	11,400	16	20.8	77.9	36	234	399	607	98

Radial R-2 Goodyear

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
4TD771	520/85R46	Special Sure Grip TD8 Radial	TL	158A8/B	23	30	9,350	16	20.3	83.3	37.4	249	439	617	108
4TD971	520/85R46	Special Sure Grip TD8 Radial	TL	169A8/B	46	30	12,800	16	20.3	83.3	37.4	249	439	656	108
4TD698	710/65R26	Special Sure Grip TD8 Radial	TL	169A8/B	49	30	12,800	25	28.5	64.9	29	193	563	592	112
4TD5Y1	900/65R32	Special Sure Grip TD8 Radial	TL	172A8/B	23	30	13,900	27	34.9	80.8	34.8	237	657	1,083	126
4TD6Y1	900/65R32	Special Sure Grip TD8 Radial	TL	178A8/B	35	30	16,500	27	34.9	80.8	34.8	235	647	1,160	126

*See Approved Rim Contours section

Bias R-2 Goodyear

Goodyear Special Sure Grip TD8 R-2

- Twice the tread depth of conventional R-1 tires
- Extra bite in soft, moist soil provided by open-faced tread design
- Extra lug bracing provides durability and strength

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
4D7628001	13.6-38	Special Sure Grip TD8	TT	6	22	25	3,300	12	13.3	63	29.2	189	181	170	83
4D8634	14.9-24	Special Sure Grip TD8	TL	6	20	25	3,000	13	15.5	51.4	23.1	154	173	197	88
4D7874	15.5-38	Special Sure Grip TD8	TT	8	26	25	4,080	14	15.8	64.8	30	194	172	192	85
4D8056	18.4-26	Special Sure Grip TD8	TL	10	26	25	5,200	16	18.4	58.6	26.2	175	236	284	99
4D8650	18.4-30	Special Sure Grip TD8	TL	6	16	25	4,180	16	18.4	62.6	28.2	187	277	290	99
4D8050	18.4-30	Special Sure Grip TD8	TL	10	26	25	5,520	16	18.4	62.6	28.2	187	277	331	99
4D8877	18.4-38	Special Sure Grip TD8	TL	8	20	25	5,360	16	18.4	70.6	32.2	211	300	348	99
4D8889	20.8-38	Special Sure Grip TD8	TL	8	18	25	6,150	18	20.8	73.8	33.5	220	385	417	108
4D8352	20.8-42	Special Sure Grip TD8	TL	14	32	25	8,550	18	20.8	78.2	35.7	233	395	478	98
4D8086	23.1-26	Special Sure Grip TD8	TL	10	20	25	6,400	20	23	64.6	28.4	192	291	403	108
4D8186	23.1-26	Special Sure Grip TD8	TL	12	24	25	7,100	20	23	64.6	28.4	192	291	427	108
4D8198	28L-26	Special Sure Grip TD8	TL	12	20	25	7,400	25	27.9	64.7	28.5	193	408	521	112
4D8598	28L-26	Special Sure Grip TD8	TL	16	28	25	9,100	25	27.9	64.7	28.5	193	408	544	112
4D8396	30.5L-32	Special Sure Grip TD8	TL	14	22	25	9,900	27	30.4	72.7	32.9	216	500	765	118

*See Approved Rim Contours section

Goodyear Special Sure Grip

- Designed for cotton pickers

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
4D8173	380/95D38	Special Sure Grip	TL	12	45	25	11,400	13	14.5	66.4	30.9	198	241	261	62
4DW7KR	DW500/95D32	Special Sure Grip	TL	169A5/162A8	25	15	12,800	13	19.6	72.4	32.3	216	415	448	67
4VA7KT	VA500/95D32	Special Sure Grip	TL	186A5/179A8	60	15	20,900	13	19.6	72.4	32.3	216	415	514	67
FKW4BB	IF580/80R34CFO	Special Sure Grip	TL	175A8/B	46	30	15,200	20	22.7E	70.6E	32.0E	218E	395E	600E	70

*See Approved Rim Contours section

Goodyear Radial R-3

Goodyear All Weather Radial R-3

- Longer wearing, increased fuel efficiencies
- Increased hillside stability
- Diamond tread design for minimal soil disruption
- High traction in loose, sandy soil provided by the large tread area
- Ideal for golf courses, parks, citrus groves and highway mowing

Goodyear All Weather Radial II R-3

- This rugged tire minimizes ground disturbance with a button tread pattern that offers good performance on vibratory rollers and combine applications

Catalog #	Tire Size	Design	TL/ TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4AW456	480/80R26	All Weather Radial	TL	149A8/B	35	30	7,150	16	19	56.7	24.7	170	276	235	28
AW2677	480/80R38	All Weather Radial II	TL	152A8/B	29	30	7,850	16	19.3	68.3	30.7	203	442	330	31
AW2877	480/80R38	All Weather Radial II	TL	164A8/B	58	30	11,000	16	19.3	68.3	30.7	203	442	376	31
4AW486	580/70R26	All Weather Radial	TL	149A8/B	23	30	7,150	20	22.7	58.7	25.4	176	335	276	21
4AW586	580/70R26	All Weather Radial	TL	155A8/B	35	30	8,550	20	22.7	58.7	25.4	176	335	303	21
4R5286	23.1R26	All Weather Radial II	TL	153A8/B	24	30	8,050	20	24.6	60.6	27.3	179	245	410	35

*See Approved Rim Contours section

Goodyear Bias R-3

ALL WEATHER

SFT105

Goodyear All Weather R-3

- Longer wearing, increased fuel efficiencies
- Increased hillside stability
- Diamond tread design for minimal soil disruption
- High traction in loose, sandy soil provided by the large tread area
- Ideal for golf courses, parks, citrus groves and highway mowing

Goodyear SFT105 R-3

- Minimum soil disturbance
- Lower ground pressures
- Specially designed for turf applications

SMOOTH

SOFTRAC II

Goodyear Smooth R-3

- Specialty service tire used on paving equipment and rollers
- Compounded to reduce material sticking

Goodyear Softrac II R-3

- Good flotation due to the wide, flat tread
- Minimal ground disruption provided by its button tread design
- Dependable traction on or off the road

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4A7495	9.5-16	All Weather	TT	4	20	25	1,100	8	9.7	31.9	14.6	95	53	39	15
4AW895	9.5-16	All Weather	TL	8	40	25	1,650	8	9.7	31.9	14.6	95	53	45	15
4A7494	9.5-24	All Weather	TT	4	20	25	1,480	8	9.3	39.5	18.2	117	74	48	18
4AW494	9.5-24	All Weather	TL	4	20	25	1,480	8	9.3	39.5	18.2	117	74	52	18
4SF604	11.2-24	SFT105	TL	6	26	25	2,090	10	11.3	42.5	19.9	126	93	75	20

Bias R-3 Goodyear

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
4AW381	13.6-16.1	All Weather	TL	8	28	25	2,340	11	14.1	39	17.5	115	100	85	23
4A7624	13.6-28	All Weather	TT	6	22	25	2,830	12	13.9	51.5	23.1	152	160	101	23
4AW634	14.9-24	All Weather	TL	6	20	25	3,000	13	15.5	49.3	22.1	145	157	119	23
4FS3M2	16.5L-16.1SL	SofTrac II	TL	6	24	25	3,960	14	16.6	40.3	17.1	109	176	119	20
4AW645	16.9-24	All Weather	TL	6	18	25	3,420	15	17.4	51.1	22.9	151	196	131	26
4SF679	16.9-30	SFT105	TL	6	18	25	3,740	15	17.2	57.5	26.1	170	213	179	26
3SC679	16.9-30	Smooth	TL	6	18	25	3,740	15	18	57.6	26.1	169	213	178	0
4AW890	18.4-16.1	All Weather	TL	8	20	25	2,910	16	18.7	43.5	19.4	128	135	134	29
4AW156	18.4-26	All Weather	TL	12	32	25	5,840	16	19.1	55.7	24.5	164	224	203	28
4FS061	19.5L-24	SofTrac II	TL	10	24	25	4,680	16	19.3	51.7	23.1	153	206	177	27
4FS349	21.5L-16.1SL	SofTrac II	TL	10	22	25	3,860	18	20.9	44.5	18.7	119	211	196	30
4FS3A9	21.5L-16.1SL	SofTrac II	TL	6	12	25	2,760	18	20.9	44.5	18.7	119	211	187	30
4AW886	23.1-26	All Weather	TL	8	16	25	5,680	20	22.9	58.8	26	173	394	272	21
4AW086	23.1-26	All Weather	TL	10	20	25	6,400	20	22.9	58.8	26	173	394	297	21
4AW186	23.1-26	All Weather	TL	12	24	25	7,150	20	22.9	58.8	26	173	394	299	21
4FS2J3	24x13.00-12NHS	SofTrac II	TL	4	18	30	1,755	10.5	12.8	23.3	10.5	66	122	25	8
4AW199	24.5-32	All Weather	TL	12	24	25	8,800	21	24.4	67.4	30.1	199	327	428	32
4AW598	28L-26	All Weather	TL	16	28	25	9,100	25	29.1	62.2	27.7	184	443	441	30
4FS4D9	560/65D24	SofTrac II	TL	140A8/B	23	30	5,520	18	22.3	52	23.1	153	228	254	27
4AW396	30.5L-32	All Weather	TL	14	22	25	9,900	27	30.1	69.7	30.5	206	564	487	37
4AW196	30.5L-32	All Weather	TL	12	20	25	9,350	27	30.1	69.7	30.5	206	564	492	37
4VA596	VA30.5L32	All Weather	TL	16	26	25	11,000	27	30.1	69.7	30.5	206	564	538	37
4VAC96	VA30.5L32	All Weather	TL	24	38	25	13,600	27	30.1	69.7	30.5	206	564	585	37

*See Approved Rim Contours section

Radial R-4 Goodyear

IT510


IT520


IT525


IT530

Goodyear IT510 Radial R-4

- Maximum traction supplied by additional biting edges from the overlapping lug/block pattern
- Flotation and traction provided by a larger contact patch
- Industrial use applications

Goodyear IT520 Radial R-4

- Outstanding soft soil traction
- Reinforced lugs for deeper grip and extended wear
- Industrial use applications

Goodyear IT525 Radial R-4

- Solid performance on rock-hard ground
- Increased wear and performance on hard surfaces
- Excellent traction in soft soils

Goodyear IT530 Radial R-4

- Excellent hard soil traction
- High puncture resistance
- Refined road comfort

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
4523T7001	340/80R18#	IT520	TL	136A8/B	46	30	4,940	11	13.1	39.7	18	120	145	114	30
4533T7001	340/80R18#	IT530	TL	136A8/B	46	30	4,940	11	13.1	39.7	18	120	145	140	30
4533ED001	400/70R18#	IT530	TL	147A8/B	58	30	6,800	13	15.9	40	17.8	119	110	146	33
45334L001	400/70R20#	IT530	TL	149A8/B	58	30	7,150	13	15.9	42.1	18.8	125	116	140	33

IMPORTED

Goodyear Radial R-4

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
452403001	440/80R24#	IT520	TL	154A8/B	46	30	7,510	14	17.4	51.7	23.1	154	192	229	45
4524G3001	440/80R28#	IT520	TL	156A8/B	46	30	8,250	14	17.4	51.7	23.1	154	209	255	45
4534G3001	440/80R28#	IT530	TL	156A8/B	46	30	8,250	14	17.4	51.7	23.1	154	209	245	45
452AA4001	460/70R24#	IT520	TL	152A8/B	44	30	7,400	14	18.3	49.2	22	148	212	204	41
452456001	480/80R26#	IT520	TL	160A8/B	46	30	9,900	15	18.9	56.2	25.1	168	247	276	46
453456001	480/80R26#	IT530	TL	160A8/B	46	30	9,900	15	19.1	56.2	25.1	168	247	276	46
451461	19.5LR24	IT510	TL	152A8/B	38	30	7,850	16	18.7	51.9	22.8	156	225	218	33
452661	500/70R24	IT520	TL	157A8/B	46	30	9,100	16	19.5	51.6	23	154	227	241	44
453661	500/70R24	IT530	TL	157A8/B	46	30	9,100	16	19.5	51.6	23	154	227	241	34
45R464	500/85R24	IT525	TL	171A8/B	61	30	13,600	16	18.4	54	24.5	163	273	300	34
452464	500/85R24	IT520	TL	171A8/B	61	30	13,600	16	19.5	55.8	25.0	166	288	304	44
453675	540/70R24	IT530	TL	161A8/B	46	30	10,200	18	21.7	53.8	23.9	161	235	296	36

IMPORTED

*See Approved Rim Contours section

Goodyear Bias R-4

INDUSTRIAL SURE GRIP

SURE GRIP LUG

IT515

IT525

Goodyear Industrial Sure Grip R-4

- Reinforced lugs for industrial use
- Aggressive tread design

Goodyear Sure Grip Lug R-4

- Good choice for industrial equipment
- Good traction and long wear provided by the wide, sturdy overlapping lugs

Goodyear IT515 HS R-4

- Designed for backhoe/loader operations
- More lugs for improved puncture resistance
- Better durability provided by the natural shaped carcass

Goodyear IT525 R-4

- Solid performance on rock-hard ground
- Increased wear and performance on hard surfaces

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4GL483	12.4-16	Sure Grip Lug	TL	4	20	25	2,070	11	12.8	36.9	16.7	110	95	84	30
SG1634	14.9-24	Industrial Sure Grip	TL	6	20	25	3,000	13	15	48.9	22.4	145	140	130	32
45T834	14.9-24	IT525	TL	8	30	25	5,080	13	15	48.9	22.4	145	140	133	32
45T134	14.9-24	IT525	TL	12	42	25	6,400	13	15	48.9	22.4	145	140	145	32
45T845	16.9-24	IT525	TL	8	28	25	5,840	15	16.9	51	23	151	194	149	33
45T045	16.9-24	IT525	TL	10	32	25	6,400	15	16.9	51	23	151	194	162	33
45T145	16.9-24	IT525	TL	12	38	25	7,150	15	16.9	51	23	151	194	163	33
45T848	16.9-28	IT525	TL	8	28	25	6,150	15	16.9	55.5	25.1	165	223	177	33
45T048	16.9-28	IT525	TL	10	32	25	6,800	15	16.9	55.6	24.5	163	216	192	33
45T148	16.9-28	IT525	TL	12	38	25	7,600	15	16.9	55.5	25.1	165	223	193	33
SG7079001	16.9-30#	Industrial Sure Grip	TT	10	32	25	7,150	15	17	57.1	26.1	169.7	235	171	33

Bias R-4 Goodyear

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
SG1079001	16.9-30#	Industrial Sure Grip	TL	10	32	25	7,150	15	17	57.1	26.1	169.7	235	202	33
45T803	17.5L-24	IT525	TL	8	26	25	5,360	15	17.4	48.6	21.9	144	192	151	32
45T003	17.5L-24	IT525	TL	10	32	25	6,150	15	17.4	48.6	21.9	144	192	165	32
45T164	18.4-24	IT525	TL	12	36	25	8,250	16	18.4	54.1	24.2	160	246	194	34
SG1158	18.4-28	Industrial Sure Grip	TL	12	36	25	8,800	16	18.8	58.1	26.2	172	256	231	35
45T061	19.5L-24	IT525	TL	10	28	25	6,600	16	19	52	23.7	154	206	202	34
45T161	19.5L-24	IT525	TL	12	34	25	7,600	16	19	52	23.7	154	206	209	34
45T361	19.5L-24	IT525	TL	14	38	25	8,250	16	19	52	23.7	154	238	221	34
4H5161	19.5L-24	IT515 Hard Surface	TL	12	34	25	7,600	16	20.2	52.5	23.7	156	208	232	34
45T075	21L-24	IT525	TL	10	26	25	7,400	18	20.8	54.2	24.3	160	238	255	34
45T175	21L-24	IT525	TL	12	32	25	8,550	18	20.8	54.2	24.3	160	238	257	34
45T575	21L-24	IT525	TL	16	40	25	9,900	18	20.8	54.2	24.3	160	238	277	34
45T376	21L-28	IT525	TL	14	36	25	9,900	18	21	58.2	26.4	172	260	310	34

*See Approved Rim Contours section

IMPORTED

Bias F-1 Goodyear

Goodyear Single Rib F-1

- Easy steering in soft soil
- Designed for use in soggy/moist areas

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
SRT274	6.00-16SL	Single Rib	TT	4	36	25	910	4	6.7	29.7	13.6	89	14	21	NA

*See Approved Rim Contours section

Goodyear Bias F-2/F-2M


TRIPLE RIB RS


TRIPLE RIB HD

Goodyear Triple Rib RS F-2

- 3 rib design provides excellent steering capabilities

Goodyear Triple Rib HD F-2

- Improved steering in loose, cultivated soil provided by the deep, wide center ribs
- 3 rib design provides excellent steering capabilities
- Excellent wear characteristics from the even load distribution on the center and shoulder ribs


SUPER RIB


HI RIB

Goodyear Super Rib F-2

- Wide center and shoulder ribs
- Increased resistance to puncture from thorns and stubble
- Resists stubble and bruise damage
- Improved steering control in the field

Goodyear Hi Rib F-2

- Wide center and shoulder ribs
- Increased resistance to puncture from thorns and stubble
- Improved steering control


FOUR RIB


DYNA RIB

Goodyear Four Rib F-2M

- Four rib design
- Improved performance at an economical price

Goodyear Dyna Rib F-2M

- Excellent flotation and mobility from four-rib design
- Excellent roadability
- Tubeless construction

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
TRR230	4.00-15SL	Triple Rib RS	TT	4	52	25	585	3	4.6	24.1	11.6	74	17	12	NA
TRR233	4.00-19SL	Triple Rib RS	TT	4	52	25	715	3	4.4	28.3	13.6	87	19	14	NA
TRR235	5.00-15SL	Triple Rib RS	TT	4	44	25	715	3	5.3	25.6	12.1	77	25	14	NA
TRR335	5.00-15SL	Triple Rib RS	TL	4	44	25	715	3	5.3	25.6	12.1	77	25	16	NA
TRD238	5.50-16SL	Triple Rib HD	TT	4	40	25	855	4	6	27.8	13	83	29	17	14
TRD239	5.50-16SL	Triple Rib HD	TT	6	56	25	1,050	4	6	27.8	13	83	29	17	14
TRD274	6.00-16SL	Triple Rib HD	TT	4	36	25	910	4	6.3	28.8	13.3	85	36	20	14
TRD275	6.00-16SL	Triple Rib HD	TT	6	52	25	1,140	4	6.3	28.8	13.3	85	36	21	14
TRD281	6.50-16SL	Triple Rib HD	TT	6	48	25	1,230	4.5	6.9	30	13.9	89	41	26	18
TRD381	6.50-16SL	Triple Rib HD	TL	6	48	25	1,230	4.5	6.9	30	13.9	89	41	30	18
TRD283	7.50-16SL	Triple Rib HD	TT	6	44	25	1,480	5.5	8.4	32.4	15.1	96	48	32	18
TRD383	7.50-16SL	Triple Rib HD	TL	6	44	25	1,480	5.5	8.4	32.4	15.1	96	48	37	18
TRD284	7.50-16SL	Triple Rib HD	TT	8	56	25	1,710	5.5	8.4	32.4	15.1	96	48	34	18
44R283	7.50-16SL	Four Rib	TT	6	44	25	1,480	5.5	8	31.8	15.1	96	34	30	15
TRD278	7.50-18SL	Triple Rib HD	TT	6	44	25	1,610	5.5	8.4	34.4	16.1	103	52	39	18
SR1311001	7.50-20SL	Super Rib	TL	8	36	25	2,090	5.5	8	35	16	102	57	44	12
TRD290	7.5L-15SL	Triple Rib HD	TT	6	44	25	1,430	6	8.2	29.3	13.4	85.5	33	23	17
TRD244	9.5L-15SL	Triple Rib HD	TT	8	48	25	1,870	7	9.8	30.7	14.2	92	53	42	27
SR1343	9.5L-15SL	Super Rib	TL	6	36	25	1,520	7	9.8	30.7	14.2	92	53	45	27
TRD298	10.00-16SL	Triple Rib HD	TT	8	44	25	2,340	8	10.8	35.2	16.4	105	67	51	24
TRD398	10.00-16SL	Triple Rib HD	TL	8	44	25	2,340	8	10.8	35.2	16.4	105	67	55	24
44R298	10.00-16SL	Four Rib	TT	8	44	25	2,340	8	10.3	34.4	16	104	57	54	20

Bias F-2/F-2M Goodyear

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
DRT398	10.00-16SL	Dyna Rib	TL	8	44	25	2,340	8	10.9	35.2	16.4	105	67	58	26
TRD395	11.00-16SL	Triple Rib HD	TL	8	40	25	2,600	10	12.4	37.9	17.6	113	75	71	27
TRD295	11.00-16SL	Triple Rib HD	TT	8	40	25	2,600	10	12.4	37.9	17.6	113	75	72	27
44R295	11.00-16SL	Four Rib	TT	8	40	25	2,600	10	12.8	37.9	17.6	113	75	80	22
DRT395	11.00-16SL	Dyna Rib	TL	8	40	25	2,600	10	12.8	38.3	17.6	110	84	83	29
DRT396	11.00-16SL	Dyna Rib	TL	12	60	25	3,420	10	12.8	38.3	17.6	110	84	95	29
4HR395	11.00-16SL	HD Hi Rib	TL	8	40	25	2,600	10	13	38	17.6	113	80	81	28
DRT316	11.00-24SL	Dyna Rib	TL	12	60	25	4,400	10	12.8	46.3	21.6	140	85	121	29
TRD218	11L-15SL	Triple Rib HD	TT	8	44	25	2,090	8	11	32	14.4	93	53	47	24
DRT314	11L-15SL	Dyna Rib	TL	6	32	25	1,710	8	11.3	31.5	14.6	93	59	57	28
DRT389	14L-16.1SL	Dyna Rib	TL	10	44	25	3,420	11	14.2	38.7	17.9	114	100	116	33
DRT362	14L-16.1SL	Dyna Rib	TL	12	52	25	3,860	11	14.2	38.7	17.9	114	100	117	33
DRT351	16.5L-16.1SL	Dyna Rib	TL	8	32	25	3,520	14	17	42.4	19.4	124	143	154	47

*See Approved Rim Contours section

Bias F-3 Goodyear

Goodyear Laborer F-3

- Industrial use for rugged applications
- Resists tearing and cracking with special tread compound
- Excellent handling and mobility with its five-rib design

Goodyear Multi Rib F-3

- Easy mobility with the rounded shoulder design
- Withstands scuffing, abrasions and bruises with the reinforced sidewall construction

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4MR2T8	9.00-10SL	Multi Rib	TT	10	60	25	1,820	6	9.4	26	11.9	76	38	27	10
4MR3T8	9.00-10SL	Multi Rib	TL	10	60	25	1,820	6	9.4	26	11.9	76	38	31	10
4LT318	11L-15SL	Laborer	TL	8	44	25	2,090	8	11.3	30.8	14.1	90	56	46	12
4LT310	11L-15SL	Laborer	TL	10	52	25	2,340	8	11.3	30.8	14.1	90	56	46	12
4LT315	11L-16SL	Laborer	TL	10	52	25	2,470	8	11.2	31.8	14.7	94	60	56	16
4LT317	11L-16SL	Laborer	TL	12	64	25	2,760	8	11.2	31.8	14.7	94	60	63	16
4LT388	14.5/75-16.1SL	Laborer	TL	10	40	25	3,200	11	14.7	36	16.5	105	120	99	19

*See Approved Rim Contours section

Goodyear Radial I-1

Goodyear FS24

- Radial constuction
- Large contact area
- Round shoulders
- Highway appearing tread design
- Low rolling resistance
- Excellent protection against punctures
- Smooth running on the road
- Long life
- Very good stability

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
FS2432	340/60R16.5	FS24	TL	145A8/B	73	30	6,400	11	12.7	32.3	14.4	96	120	88.9	11
FS2418	340/65R18	FS24	TL	148A8/B	78	30	6,930	11	12.7	35.2	15.7	105	110	98	11
FS2461	380/55R16.5	FS24	TL	150A8/B	73	30	7,400	12	13.7	33.15	14.8	99	116	98	11
FS2471	380/60R16.5	FS24	TL	150A8/B	73	30	7,400	12	13.4	34.4	15.3	102.2	120	95	11
FS2493	440/55R18	FS24	TL	154A8/B	52	30	8,250	14	14.4	38.3	17.1	113.8	168	128	11
FS2693	440/55R18	FS24	TL	159A8/B	73	30	9,650	14	14.2	37.1	16.6	110.4	156	128	11
FS24DN	480/55R22.5	FS24	TL	166A8/B	73	30	11,700	15	18.9E	43.3E	19.5E	130E	190E	160E	11

*See Approved Rim Contours section

Goodyear Bias I-1

RIB IMPLEMENT

FARM UTILITY

PNEUMATIC DRIVE

DRILL RIB

Goodyear Rib Implement I-1

- Easy rolling resistance with its five-rib design
- Designed for dependable on/off highway service
- Sidewall abrasion protection from the raised diamond scuff band

Goodyear Farm Utility I-1

- Outstanding flotation
- Easy steering from the heavy grooved ribs
- Extra wide design

Goodyear Pneumatic Drive I-1

- Minimum ground disturbance
- Excellent stubble resistance

Goodyear Drill Rib I-1

- Distinct shoulder ridges
- Smooth center
- Primarily designed for grain drills

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
4RB262	4.00-18SL	Rib Implement	TT	4	44	30	880	3	4.6	26.7	12.6	80	21	14	5
4RB372	5.00-15SL	Rib Implement	TL	4	36	30	965	3	5.2	25.2	11.5	73	26	15	5
4RB353	5.90-15SL	Rib Implement	TL	4	36	30	1,140	4.5	6.1	26.2	12	77	34	17	7
4RB326	6.00-16SL	Rib Implement	TL	6	44	30	1,520	4	6.6	28.4	13.2	84	42	24	8
4RB378	6.40-15SL	Rib Implement	TL	6	48	30	1,520	4.5	6.4	26.9	12.6	80	44	26	8
4RB381	6.50-16SL	Rib Implement	TL	6	44	30	1,710	4.5	6.9	28.9	13.2	84	44	24	7
4PD267	6.70-15SL	Pneumatic Drive	TT	4	32	30	1,280	4.5	6.9	28.2	12.9	82	40	20	8
4RB367	6.70-15SL	Rib Implement	TL	4	32	30	1,280	4.5	6.9	28.2	12.9	82	40	21	8
4RB388	6.70-15SL	Rib Implement	TL	6	44	30	1,610	4.5	6.9	28.2	12.9	82	40	21	8
4FU382	7.50-14SL	Farm Utility	TL	4	28	30	1,360	5.5	7.9	27	12.2	78	42	19	8

Bias I-1 Goodyear

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4RB392	7.50-16SL	Rib Implement	TL	10	60	30	2,680	5.5	8.1	31.2	14.2	91	52	37	8
4DR301	7.50-20SL	Drill Rib	TL	4	28	30	1,760	5.5	8.5	36.8	17.2	111	66	52	NA
4FU337	7.60-15SL	Farm Utility	TL	8	52	30	2,090	6	8	29.3	13.4	85	44	23	6
4FU336	7.60-15SL	Farm Utility	TL	6	40	30	1,760	6	8	29.3	13.4	85	44	24	6
4FU389	8.5L-14SL	Farm Utility	TL	6	36	30	1,870	6	8.8	28.1	12.8	82	47	24	7
4RB273	9.00-10SL	Rib Implement	TT	4	24	30	1,480	6	9.1	25.9	11	70	48	21	10
4RB3J8	9.00-24SL	Rib Implement	TL	8	40	30	3,520	8	11	42.6	19.3	123	94	69	10
4FU398	9.5L-14SL	Farm Utility	TL	6	32	30	1,930	7	9.7	28.6	13	83	61	26	7
4FU343	9.5L-15SL	Farm Utility	TL	6	32	30	2,040	7	9.5	29.8	13.6	87	60	29	7
4FU344	9.5L-15SL	Farm Utility	TL	8	44	30	2,470	7	9.5	29.8	13.6	87	60	30	7
4FL344	9.5L-15SL**	Farm Utility	TL	8	44	30	2,470	7	9.5	29.8	13.6	87	60	29	7
4FU3D7	9.5L-15SL	Farm Utility	TL	12	64	30	3,200	7	9.5	29.8	13.6	87	60	36	7
4FU3M1	10.00-15SL	Farm Utility	TL	8	40	30	3,200	8	11.2	33.5	14.8	94	80	43	11
4RB3K7	11.25-24SL	Rib Implement	TL	8	32	30	4,080	10	13.3	45.8	20.6	132	127	87	11
4RB3K9	11.25-24SL	Rib Implement	TL	12	48	30	5,200	10	13.3	45.8	20.6	132	127	99	11
4RB361	11.25-28SL	Rib Implement	TL	12	48	30	5,360	10	13.2	50.1	22.6	144	134	118	11
4FU391	11L-14SL	Farm Utility	TL	8	36	30	2,470	8	10.7	29.6	13.2	84	79	33	8
4FU314	11L-15SL	Farm Utility	TT	8	36	30	2,540	8	10.7	30.3	13.5	86	77	31	7
4FU318	11L-15SL	Farm Utility	TL	8	36	30	2,540	8	10.7	30.3	13.5	86	77	32	7
4FU319	11L-15SL	Farm Utility	TL	10	44	30	2,910	8	10.7	30.3	13.5	86	77	35	7
4FU317	11L-15SL	Farm Utility	TL	12	52	30	3,200	8	10.7	30.3	13.5	86	77	42	7
4FL317	11L-15SL**	Farm Utility	TL	12	52	30	3,200	8	10.7	30.3	13.5	86	77	43	7
4FU324	11L-16SL	Farm Utility	TL	10	44	30	3,000	8	10.5	31.1	13.9	89	82	36	9
4FU340	12.5L-15SL	Farm Utility	TL	8	36	30	3,000	10	12.6	32.4	14.5	93	98	39	9
4FU341	12.5L-15SL	Farm Utility	TL	10	44	30	3,420	10	12.6	32.4	14.5	93	98	39	9
4FL341	12.5L-15SL**	Farm Utility	TL	10	44	30	3,420	10	12.6	32.4	14.5	93	98	36	9
4FU305	12.5L-15SL**	Farm Utility	TL	12	52	30	3,860	10	12.6	32.4	14.5	93	98	47	9
4FL305	12.5L-15SL**	Farm Utility	TL	12	52	30	3,860	10	12.6	32.4	14.5	93	98	47	9
4FU3AC	12.5L-16SL	Farm Utility	TL	8	36	30	3,080	10	12.4	33.7	15	96	113	46	9
4FU3BC	12.5L-16SL	Farm Utility	TL	12	52	30	3,960	10	12.4	33.7	15	96	113	56	9
4FU368	14L-16.1SL	Farm Utility	TL	8	32	30	3,860	11	14	37.1	16.1	103	138	60	11
4FU362	14L-16.1SL	Farm Utility	TL	12	44	30	4,680	11	14	37.1	16.1	103	138	69	11
4FL3L2	14L-16.1SL**	Farm Utility	TL	14	52	30	5,200	11	14	37.1	16.1	103	138	88	11
4FU310	16.5L-16.1SL	Farm Utility	TL	10	36	30	5,200	14	16.6	39.8	17.3	110	163	107	13
4FU3L1	16.5L-16.1SL	Farm Utility	TL	14	48	30	6,400	14	16.6	39.8	17.3	110	163	111	13
4FU7L1	16.5L-16.1SL	Farm Utility	TL	20	64	30	7,600	14	16.6	39.8	17.3	110	163	119	13
4FU3H7	19L-16.1SL	Farm Utility	TL	10	32	30	6,000	16	19.5	42.7	18.7	126	167	133	14
4FU349	21.5L-16.1SL	Farm Utility	TL	10	28	30	6,600	18	21.9	43.7	18.3	117	253	132	15
4FU3J1	21.5L-16.1SL	Farm Utility	TL	14	36	30	7,850	18	21.9	43.7	18.3	117	253	146	15
4FU3Q4	21.5L-16.1SL	Farm Utility	TL	18	36	30	8,800	18	21.9	43.7	18.3	117	253	161	15

*See Approved Rim Contours section
**With Stubble Resistant Compound

Goodyear Farm Highway Service FI-1

- D.O.T. approved for highway use
- Designed for implements and wagons transported intermittently at highway speeds
- Flotation and load carrying capacity of Farm Service (SL) and highway speed characteristics of (LT) tire

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4HS303	9.5L-15FI	Farm Highway Service	TL	C	45	Highway	2,260	8	9.9	29.8	13.6	87	44	42	11
4HS313	9.5L-15FI	Farm Highway Service	TL	D	60	Highway	2,680	8	9.9	29.8	13.6	87	44	37	11
4HS3L1	10.00-15FI	Farm Highway Service	TL	D	60	Highway	3,960	8	11.2	33.9	14.9	95	80	44	11
4HS383	11L-15FI	Farm Highway Service	TL	C	45	Highway	2,600	8	10.7	30.3	13.5	86	54	44	12
4HS386	11L-15FI	Farm Highway Service	TL	D	60	Highway	3,120	8	10.7	30.3	13.5	86	54	44	12
4HS392	11L-15FI	Farm Highway Service	TL	F	90	Highway	3,960	8	10.7	30.3	13.5	86	54	54	12
4HS363	12.5L-15FI	Farm Highway Service	TL	D	60	Highway	3,740	10	12.8	32.4	14.5	93	98	54	12
4HS387	12.5L-15FI	Farm Highway Service	TL	F	90	Highway	4,680	10	12.8	32.4	14.5	93	98	64	12
4HS3F6	12.5L-16FI	Farm Highway Service	TL	D	60	Highway	3,860	10	12.8	33.7	15	96	113	55	9
4HS3F3	14L-16.1FI	Farm Highway Service	TL	D	45	Highway	4,290	11	14	37.1	16.1	103	138	80	13
4HS3E0	16.5L-16.1FI	Farm Highway Service	TL	E	60	Highway	6,450	14	16.1	39.8	17.3	110	163	114	14
4HS5H7	19L-16.1FI	Farm Highway Service	TL	E	45	Highway	6,800	16	18.8	43.1	18.1	127	160	118	14
4HS3E9	21.5L-16.1FI	Farm Highway Service	TL	E	45	Highway	8,140	18	21.9	43.7	18.3	117	151	155	15

*See Approved Rim Contours section

Goodyear Farm Highway Service II FI-1

- Rounder shape sidewall for improved durability
- Flatter tread profile to increase contact area
- Large radius tread grooves to reduce groove cracking

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
HS2383	11L-15FI	Farm Highway Service II	TL	C	45	Highway	2,600	8	10.5	31.1	13.7	91	66	44	10
HS2386	11L-15FI	Farm Highway Service II	TL	D	60	Highway	3,120	8	10.5	31.1	13.7	91	66	44	10
HS2392	11L-15FI	Farm Highway Service II	TL	F	90	Highway	3,960	8	10.5	31.1	13.7	91	66	54	10
HS2363	12.5L-15FI	Farm Highway Service II	TL	D	60	Highway	3,740	10	12.7	33.6	14.7	96	68	54	10
HS2387	12.5L-15FI	Farm Highway Service II	TL	F	90	Highway	4,680	10	12.7	33.6	14.7	96	68	64	10

*See Approved Rim Contours section

Radial I-3 Goodyear

Goodyear Super Flot Radial

- Designed for high floatation for tillage, hay and liquid fertilizer tanks
- Radial construction for rugged performance applications
- Design for free roll or light ground traction applications

Catalog #	Tire Size	Design	TL/TT	Load Rating Free Roll	Load Rating Traction	Inflation Pressure (psi)	Max Speed mph	Max Load Free Roll (lbs)	Max Load Traction (lbs)	Design Rim Width (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
SPF429	500/60R22.5	Super Flot	TL	163B	151B	46	30	10,700	7,600	16DC	19.1	46.7	20.9	140	280	218	31
SPF4ET	600/50R22.5	Super Flot	TL	168B	156B	46	30	12,300	8,800	20DC	23.6E	46.1E	20.1E	133E	na	263	31
SPF4ES	710/40R22.5	Super Flot	TL	170B	158B	46	30	13,200	9,350	24DC	27.1	47.7	20.9	133	447	303	31
SPF4FF	710/50R26.5	Super Flot	TL	173B	161B	35	30	14,300	10,200	24DC	27.6E	52.5E	22.8E	151E	na	na	31

*See Approved Rim Contours section

Goodyear Muck Master Radial

- Large section for floatation
- Low profile for stability
- Massive lugs design for higher loads
- Lug concentration on center for excellent road ability

Catalog #	Tire Size	Design	TL/TT	Load Rating Free Roll	Inflation Pressure (psi)	Max Speed mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4SS59R	750/60R26	Muck Master	TL	173B/183A3	58	30/10	14,300/19,300	24	29.4	67.1	29.5	199	507	592	41

*See Approved Rim Contours section

Goodyear Bias I-3


SURE GRIP TRACTION


TRACTION IMPLEMENT

Goodyear Sure Grip Traction I-3

- Ruler straight lugs for grip with even, steady pull
- Excellent cleanability provided by the open tread center
- Aggressive lug design

Goodyear Traction Implement I-3

- Traction design for implement service


SURE GRIP IMPLEMENT


SURE GRIP LUG

Goodyear Sure Grip Implement I-3

- Traction for all types of farm implements
- Improved tread wear from the flared lug design at the centerline

Goodyear Sure Grip Lug I-3

- Good choice for industrial equipment
- Good traction and long wear
- Wide, sturdy overlapping lugs

Goodyear Super Flot I-3

- Designed for heavy load carrying capacity with reduced soil compaction
- Great for balers and other heavy implements

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4T1335	5.00-15SL	Traction Implement	TL	4	36	30	965	3	5.2	25.6	11.8	75	32	16	15
4T1353	5.90-15SL	Traction Implement	TL	4	36	30	1,140	4.5	6.3	26.7	12.4	80	45	17	15
4TG267	6.70-15SL	Sure Grip Traction	TT	4	32	30	1,280	4.5	7.4	28.8	13.1	84	52	20	16
4TG3B2	7.50-16SL	Sure Grip Traction	TL	4	28	30	1,650	5.5	8.3	31.5	14.1	90	72	32	17
4TG2BA	7.50-18SL	Sure Grip Traction	TT	4	28	30	1,710	5.5	7.8	33.5	15.1	96	73	34	17
4TG203	7.50-20SL	Sure Grip Traction	TT	4	28	30	1,760	5.5	7.8	35.05	15.9	103	73	35	17
4TG336	7.60-15SL	Sure Grip Traction	TL	6	40	30	1,760	6	7.8	29.6	13.6	88	61	28	16
4TG338	7.60-15SL	Sure Grip Traction	TL	10	64	30	2,400	6	7.8	29.6	13.6	88	61	29	16
4GL3J8001	10.5/80-18#	Sure Grip Lug	TL	10	54	30	3,840	9	10.7	35.7	16	108	11	65	29
4G13J8001	10.5/80-18#	Sure Grip Implement	TL	10	54	30	3,840	9	10.7	35.7	16	108	11	65	29
4GL5J9	12.5/80/18	Sure Grip Lug	TL	14	62	30	6,600	9	12	39	17.3	119	145	102	31
4G15J9001	12.5/80-18#	Sure Grip Implement	TL	14	62	30	6,600	9	12.4	38.7	17.2	116	145	81	31
4TG306	12.5L-15SL	Sure Grip Traction	TL	6	28	30	2,540	10	12	33.3	14.8	94	110	50	22
4TG305	12.5L-15SL	Sure Grip Traction	TL	12	52	30	3,860	10	12	33.3	14.8	94	110	57	22
4G11RW001	15.5/80-24#	Sure Grip Implement	TL	12	44	30	8,180	12	15.1	50.4	22.2	151	203	87	47
4G15RW001	15.5/80-24#	Sure Grip Implement	TL	16	56	30	9,670	12	15.1	50.4	22.2	151	203	167	47
4G12E2001	16.0/70-20#	Sure Grip Implement	TL	10	36	30	3,300	13	16.1	39.3	18.8	129	199	87	39
4G14E2001	16.0/70-20#	Sure Grip Implement	TL	14	51	30	7,440	13	16.1	42.9	18.8	129	na	87	39
4G14B6001	16.5/85-24#	Sure Grip Implement	TL	8	30	30	7,440	13	16.3	52.7	22.8	158	249	87	33
4TG327	16.5L-16.1SL	Sure Grip Traction	TL	6	24	30	3,960	14	16	40.9	17.7	113	199	101	26
4TG3M3	21.5L-16.1SL	Sure Grip Traction	TL	8	24	30	6,000	18	21.6	43.6	18.6	121	306	218	32
4TG362	21.5L-16.1SL	Sure Grip Traction	TL	14	36	30	7,850	18	21.6	43.6	18.6	121	306	236	32
4TG3W3	21.5L-16.1SL	Sure Grip Traction	TL	12	28	30	6,600	18	21.6	43.6	18.6	121	306	230	32

*See Approved Rim Contours section

IMPORTED

Bias HF-1/HF-2 Goodyear


SOFTRAC


SOFTRAC II

Goodyear SofTrac HF-1

- Button tread design
- Wide footprint with excellent traction
- Low ground bearing pressure
- Good for turf applications

Goodyear SofTrac II HF-1

- Good flotation due to the wide, flat tread
- Minimal ground disruption provided by its button tread design
- Dependable traction on or off the road


RIB TERRA


TUNDRA GRIP

Goodyear Tundra Grip LF HF-1

- Reduced vibration in field and road service
- Improved traction from its three-pitch tread design
- Longer body life provided by its natural shape casing

Goodyear Rib Terra HF-1

- Minimal ground disturbance
- Grooves for lateral traction


SMOOTH


SOFTURF

Goodyear Smooth Terra HF-1

- Minimum ground disturbance
- Excellent stubble resistance

Goodyear SofTurf HF-1

- Designed for low ground pressure use
- Ideal for fine lawn maintenance and can also be used for industrial applications


XTRA TRACTION


SFT105

Goodyear Xtra Traction HF-1

Goodyear SFT105 HF-1

- Specially designed for turf applications
- Minimum soil disturbance
- Low inflation operating pressures


SFT115


Terra Rib

Goodyear SFT115 HF-1

- Specially designed for turf applications
- Minimum soil disturbance
- Low inflation operating pressures

Goodyear Terra Rib HF-1

- Minimum ground disturbance
- Limited grooves for lateral traction


SUPER TERRA GRIP


XTRA TRAC

Goodyear Super Terra Grip HF-2

- For low pressure flotation applications
- Provides lateral traction
- Lug design for traction in a flotation design

Goodyear Xtra Trac HF-2

Goodyear Bias HF-1/JF-2

Catalog #	Tire Size	Design	TL/TT	Load/Ply Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
STG321	16x6.50-8NHS	Super Terra Grip	TL	4	28	10	620	5.375	6.5	16.3	7.6	48	25	7	13
GST273	18x9.50-8NHS	Smooth Terra	TL	2	12	10	695	7	9.1	17.5	8.2	52	45	12	8
RTR171	18x9.50-8NHS	Rib Terra	TT	10	60	10	1,775	7	9.5	17.7	7.6	48	43	16	8
4FS2J3	24x13.00-12NHS	SofTrac II	TL	4	18	30	1,755	10.5	12.8	23.3	10.5	66	122	26	8
4SF324	24x8.50-14NHS	SFT105	TL	4	22	10	1,230	7	8.6	24	11	73	47	22	9
TR4393	25x7.50-15NHS	Terra Rib	TL	4	30	30	960	5.5	7.5	25.4	11.2	75	45	23	9
TR436A	25x7.50-15NHS	Terra Rib	TL	6	45	30	1,230	5.5	7.5	25.4	11.2	75	45	23	9
4SR4WQ	25x10.50-15NHS	SofTrac	TL	4	25	10	980	8	10.5	25.2	11.8	77	64	32	9
4SR327	25x8.50-14NHS	SofTrac	TL	6	32	10	1,640	7	8.4	25.4	11.5	72	57	27	9
STG361	26x12.00-12NHS	Super Terra Grip	TL	4	20	30	1,780	10.5	12.1	26.2	11	69	85	28	24
TR4395	27x9.50-15NHS	Terra Rib	TL	6	45	30	1,600	7	9.6	27.5	12.3	80	70	31	10
TR4306	27x9.50-15NHS	Terra Rib	TL	10	60	30	1,900	7	9.6	27.5	12.3	80	70	39	10
4SR3H6	27x10.50-15NHS	SofTrac	TL	4	30	30	1,320	8.5	10.5	27.2	12.7	82	80	32	11
4303M7	27x12LL-15NHS	SofTurf	TL	6	30	30	1,320	10	12	27.5	12.2	85	75	35	10
4SR348	27x8.50-15NHS	SofTrac	TL	4	30	30	1,230	7	8.6	26.6	12	78	60	30	11
XTR3L5	29x12.50-15NHS	Xtra Traction	TL	4	20	30	1,320	10	12.8	19.2	13.4	86	77	46	12
STGB20	29x12.50-15NHS	Super Terra Grip	TL	4	20	30	1,320	10	11.8	29.2	13.3	86	90	44	20
STGC20	29x12.50-15NHS	Super Terra Grip	TL	6	30	30	1,710	10	11.8	29.2	13.3	86	90	48	20
STGD20	29X12.5-15NHS	Super Terra Grip	TL	8	45	30	2,150	10	11.8	29.2	13.3	86	90	49	20
4SR3L5	29x12.50-15NHS	SofTrac	TL	4	20	30	1,320	10	12.8	29.2	13.4	86	77	49	12
4SR34B	31x12.50-15NHS	SofTrac	TL	4	20	30	1,650	10	13	31.2	13.7	89	110	58	12
XTR396	31x13.50-15NHS	Xtra Traction	TL	4	30	30	2,090	10	14.5	31.2	13.7	89	110	52	23
4SR34A	31x13.50-15NHS	SofTrac	TL	4	20	30	1,650	10	13.8	30.8	14	91	100	47	12
TR4396	31x13.50-15NHS	Terra Rib	TL	6	30	30	2,090	10	13.6	32	13.9	90	100	56	12
TR4397	31x13.50-15NHS	Terra Rib	TL	8	45	30	2,600	10	13.6	32.0	13.9	90	100	60	12
TR4597	31x13.50-15NHS	Terra Rib	TL	12	75	30	3,520	10	13.6	32	13.9	90	100	64	12
TRX3A8	31x15.50-15NHS	Xtra Traction	TL	8	45	30	2,760	13	14.5	31.2	13.7	89	110	67	23
STG331	31x15.50-15NHS	Super Terra Grip	TL	4	20	30	1,710	13	15.5	31.5	13.9	90	130	57	24
STG3A4	31x15.50-15NHS	Super Terra Grip	TL	8	45	30	2,760	13	15.5	31.5	13.9	90	130	65	24
4SR35B	31x15.50-15NHS	SofTrac	TL	4	20	30	1,710	13	15.2	31.2	13.8	89	115	55	13
4SR3A4	31x15.50-15NHS	SoftTrac**	TL	4	20	30	1,710	13	15.2E	31.2E	13.8E	89E	115E	48E	13
4SR3A8	31x15.50-15NHS	SoftTrac**	TL	8	45	30	2,760	13	15.2E	31.2E	13.8E	89E	115E	50E	13
4SR3M0	33x12.50-15NHS	SofTrac	TL	4	20	30	2,090	10	12.8	33.8	15.2	102	126	55	12
4SF3M0	33x12.50-15NHS	SFT105	TL	4	20	30	2,090	10	13.6	33.2	14.5	100	126	51	12
4S54MV	33x21.50-16.1NHS	SFT115	TL	4	15	30	1,760	18	21.8	33.1	14.5	100	143	66	11
STG416	38x14.00-20NHS	Super Terra Grip	TL	8	50	30	3,540	11	14	38.5	17.8	115	130	87	25
4SR462	38x14.00-20NHS	SofTrac	TL	4	25	30	2,340	11	14.6	38.2	17.6	114	140	83	16
STG398	38x20.00-16.1NHS	Super Terra Grip	TL	8	35	30	4,400	16	18.5	38.5	17.2	114	160	109	25
4SR323	41x14.00-20NHS	SofTrac	TL	4	25	30	3,080	11	14	41.2	18.3	122	170	90	18
4SR342	44x18.00-20NHS	SofTrac	TL	4	20	30	3,420	14	18.6	45.1	20	134	213	134	24
STG5S1	54x31.00-26NHS	Super Terra Grip	TL	16	50	30	9,100	26	30.5	54.4	24.6	160	394	409	44
4SF632	54x31.00-26NHS	SFT105	TL	6	20	30	5,360	26	30.5	54.4	24.6	160	394	257	30
4SF032	54x31.00-26NHS	SFT105	TL	10	30	30	6,800	26	30.5	55	24.8	164	394	272	30
TG4B36	66x44.00-25NHS	Tundra Grip LF	TL	20	50	30	15,700	36	44.4	67.2	31.2	203	513	680	12
STX5F4	66x43.00-25NHS	Super Terra Grip XT	TL	16	40	30	13,200	36	41.5	67.4	31.8	200	567	859	79
STG9F3	66x43.00-25NHS	Super Terra Grip LF	TL	20	50	30	14,800	36	43.3	66.5	29.4	197	600	827	61

*See Approved Rim Contours section

**Denman Mold

Radial HF-1/HF-2/HF-3 Goodyear

Goodyear Tundra Grip Radial HF-1

- Reduced vibration in field and road service
- Improved traction from its three-pitch tread design
- Longer body life provided by its natural shape casing

Goodyear Super Terra Rib Radial HF-1

- Minimum ground disturbance
- Limited grooves for lateral traction

SUPER TERRA GRIP

SUPER TERRA GRIP D

Goodyear Super Terra Grip Radial HF-2

- Reduced vibration in field and road service
- Improved traction from its three-pitch tread design
- Longer body life provided by its natural shape casing

Goodyear Super Terra Grip XT Radial HF-3

- Reduced vibration in field and road service
- Improved traction from its three-pitch tread design
- Longer body life provided by its natural shape casing

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4RG2T2	48x31.00R20NHS	Super Terra Grip XT	TL	150A8/B	45	30	7,400	26	29.9	50.9	24	152	270	431	57
SRG4S1	54x31.00R26NHS	Super Terra Grip	TL	147A8/B	30	30	6,800	26	30.5	55	24.8	164	394	394	44
SRG6S1	54x31.00R26NHS	Super Terra Grip	TL	157A8/B	50	30	9,100	26	30.6	55	24.8	164	394	400	44
RSD61T	44x41.00R20NHS	Super Terra Grip D	TL	153A8/B	65	30	8,050	34	36.3	45	21.4	134	441	329	30
RSR61T	44x41.00R20NHS	Super Terra Rib	TL	153A8/B	65	30	8,050	34	37.4	47.5	22.6	141	139	352	17
RTGAF3	1000/50R25	Super Terra Grip	TL	142A8/B	6	30	5,840	36	42.5	64.0	29.4	190	701	661	61
RTG5F3	1000/50R25	Super Terra Grip	TL	172A8/B	35	30	13,900	36	42.5	64.0	29.4	190	701	751	61
RTG6F3	1000/50R25	Super Terra Grip	TL	178A8/B	46	30	16,500	36	42.5	64.0	29.4	190	701	810	61
4RG5F3	1000/50R25	Super Terra Grip XT	TL	172A8/B	35	30	13,900	36	41.8	65.0	30.3	194	615	963	79
TGRD36	1050/50R25	Tundra Grip Radial	TL	178A8/B	41	30	16,500	36	42.6	69.2	31.4	203	798	681	12
4RG543	1050/50R32	Super Terra Grip XT	TL	178A8/B	35	30	16,500	36	43.7	71.3	33.4	218	840	1,145	85
RTGB73	1250/35R42	Super Terra Grip	TL	181A8/B	35	30	18,200	44	49.5	76.1	35.5	226E	566	1,077	31
TGRB73	1250/35R42	Tundra Grip Radial	TL	181A8/B	35	30	18,200	44	50.4	76.9	36.9	243	635	1,373	16

*See Approved Rim Contours section

Goodyear Bias Skid Steer

Goodyear IT323 SS

- 115 level non-skid depth
- Heavier under tread
- Sidewall scuff rib
- Wear pad design for better wear

SURE GRIP LUG

INDUSTRIAL XTRA GRIP

Goodyear Sure Grip Lug SS

- Directional design for excellent traction
- For use in soft soil operations where traction and flotation are required

Goodyear Industrial Xtra Grip SS

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4DG330	5.70-8NHS	Industrial Xtra Grip	TT	B	50	5	710	4.5	5.8	18.6	8.6	55.5	13	12	na
4323C3	23x8.50-12NHS	IT323	TL	4	35	5	1,470	7	8.4	22.6	10.1	63	45	26	16
4GL379	25x8.50-14NHS	Sure Grip Lug	TL	6	32	5	1,640	7	8.4	25.4	11.5	72.2	57	30	18
4GL3J3	27x8.50-15NHS	Sure Grip Lug	TL	4	35	5	1,840	7	8.5	27.2	12.2	79	65	31	18
4GL339	27x8.50-15NHS	Sure Grip Lug	TL	6	45	5	2,480	7	8.5	27.2	12.2	79	65	36	18
432339	27x8.50-15NHS	IT323	TL	6	45	5	2,480	7	8.8	27.2	12.2	79	65	37	18
4233L6	27x10.50-15NHS	IT323	TL	4	30	5	2,085	8.5	10	27.2	12.7	82.3	80	43	20
4323H7	27x10.50-15NHS	IT323	TL	6	45	5	2,610	8.5	10	27.2	12.7	82.3	80	44	20
4GL3H7	27x10.50-15NHS	Sure Grip Lug	TL	6	45	5	2,610	8.5	10.3	27.2	12.7	82	80	37	18
4GL3C8	10-16.5NHS	Sure Grip Lug	TL	6	45	5	3,500	8.25	10.9	30.4	14.1	91	83	51	21
4323D1	10-16.5NHS	IT323	TL	8	60	5	4,140	8.25	10.8	30.6	14.2	92.4	83	58	25
4323L8	31x15.50-15NHS	IT323	TL	8	35	5	4,480	12	15.7	31.5	13.9	90	110	83	25
4GL3E6	12-16.5NHS	Sure Grip Lug	TL	6	40	5	4,220	9.75	12.6	32.7	14.8	98	110	68	23
4GL3E8	12-16.5NHS	Sure Grip Lug	TL	8	50	5	4,810	9.75	12.6	32.7	14.8	98	110	72	23
4GL3J7	12-16.5NHS	Sure Grip Lug	TL	10	65	5	5,600	9.75	12.6	32.7	14.8	98	110	74	23
4323E8	12-16.5NHS	IT323	TL	8	50	5	4,810	9.75	12.7	32.9	14.9	99	110	72	26
4323J7	12-16.5NHS	IT323	TL	10	65	5	5,600	9.75	12.7	32.9	14.9	99	110	77	26
4323H9	15-19.5NHS	IT323	TL	8	40	5	7,250	11.75	15.9	40.1	18	117	163	121	30
432336	15-19.5NHS	IT323	TL	12	60	5	9,190	11.75	15.3	40.1	18	117	145	137	30
4GL3H9	15-19.5NHS	Sure Grip Lug	TL	8	40	5	7,250	11.75	15.9	40.1	18	117	163	121	26
4GL336	15-19.5NHS	Sure Grip Lug	TL	12	60	5	9,190	11.75	15.9	40.1	18	117	163	136	26

*See Approved Rim Contours section

Bias Smooth Goodyear

Goodyear Smooth
Goodyear Smooth Implement
Goodyear Smooth Industrial
Goodyear Snow Plow
Goodyear Smooth Mono Rail

- Specialty service tires for use on paving equipment and rollers

GLASS POLISHER

COMPACTOR

Goodyear Glass Polisher
Goodyear Compactor

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.	
3SM018	4.00-8NHS	Smooth Implement	TL	4	34	5	335	3	4.4	16.3	7.5	47	na	5	3	
KGP381	20x14.00-10NHS	Glass Polisher	TL	4	na	na	na	na	13.6	20	na	na	na	20	na	
3SM329	4.50-12NHS	Smooth Mono Rail	TT	8	100	30	1,240	4.25	5.3	21.9	10.5	66	na	14	5	
SNP632	4.50-16	Snow Plow	TT	6	na	na	na	na	na	na	na	na	na	16	na	
3SM2P6	6.50-10NHS	Smooth Mono Rail	TL	10	100	30	1,825	5	7	22.7	10.6	66.6	na	21	5	
3SN278	6.00-16NHS	Smooth Industrial	TT	10	75	20	2,230	5.5	7.3	29	13.8	85.1	30.4	29	8	
3SI319	11L-15SL	Smooth Implement	TL	10	44	5	2,910	8	10.5	30.3	13.5	86	77	37	12	
3SC3A2	8.5/90-15K	Compactor	TL	6	50	5	3,900	6	8.5	30.6	13.8	88	76	47	0	#
3SC252	7.50-15NHS	Compactor	TT	12	110	5	5,860	6.5	8.4	31	14.2	91	64	52	0	
3SC2E1	7.50-15NHS	Compactor	TT	14	125	5	6,300	6.5	8.4	31	14.2	91	64	50	0	
3SC679	16.9-30	Smooth	TL	6	18	25	3,740	15	18	57.6	26.1	169	213	80	0	

*See Approved Rim Contours section

#Tire rim fitment for these tires are not interchangeable. The 15K tire will only fit on a 5˚ drop center rim. The NHS tire is designed to fit on a 5˚ flat base rim. The 8.5.90-15K size designation was established to advise of this distinction.

Goodyear Logger Lug III LS-2

- Optimal lug angle provides optimized balance between traction and cut resistance
- Special forestry compound for increased resistance to tread chunking and tearing
- Steel belt construction provides excellent penetration resistance

Catalog #	Tire Size	Design	TT/TL	Ply Rating	20 mph / Load/Inflation lbs. (PSI)	5 mph / Load/Inflation lbs. (PSI)	Rim	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in
LL3056GYB	18.4-26	Logger Lug III	TT	10	5,680 (25)	7,950 (30)	DW16A	18.4	58.2	26.7	176	185	380	63
LL3054GYB	18.4-34	Logger Lug III	TT	10	6,400 (25)	8,950 (30	DW16A	18.4	65.7	29.9	202	190	452	63
LL3586GYB	23.1-26	Logger Lug III	TT	16	9,900 (35)	13,900 (40)	DW20B	23.5	64.2	29.3	188	265	637	64
YL3586GYB	23.1-26	Logger Lug III	TL	16	9,900 (35)	13,900 (40)	DW20B	23.5	64.2	29.3	188	265	629	64
LL3599GYB	24.5-32	Logger Lug III	TT	16	11,000 (30)	15,400 (35)	DH21	25.2	71.7	32.7	214	350	730	67
YL3599GYB	24.5-32	Logger Lug III	TL	16	11,000 (30)	15,400 (35)	DH21	25.2	71.7	32.7	214	350	750	67
LL3598	28L-26	Logger Lug III	TT	16	10,500 (30)	14,700 (35)	DW25B	28	64.8	29.3	195	280	610	71
LL3998GYB	28L-26	Logger Lug III	TT	20	11,400 (35)	16,000 (40)	DW25B	28	64.8	29.3	195	280	700	71
YL3998GYB	28L-26	Logger Lug III	TL	20	11,400 (35)	16,000 (40)	DW25B	28	64.8	29.3	195	280	730	71
LL39D5GYB	DH35.5L-32	Logger Lug III	TT	20	16,100 (25)	22,500 (30)	DH31	35.6	78.9	36	288	575	1230	75
YL39D5GYB	DH35.5L-32	Logger Lug III	TL	20	16,100 (25)	22,500 (30)	DH31	35.6	78.9	36	288	575	1260	75
LL3TD5GYB	DH35.5L-32	Logger Lug III	TT	26	19,300 (35)	27,000 (40)	DH31	35.6	78.9	36	288	575	1336	75
YL3TD5GYB	DH35.5L-32	Logger Lug III	TL	26	19,300 (35)	27,000 (40)	DH31	35.6	78.9	36	288	575	1386	75

Goodyear Logger Lug III HD LS-2

- Twice as much steel Armor construction as standard Logger Lug III for excellent penetration resistance
- Same Chunk and tread resistance tread
- Improved lug stability and wear

Catalog #	Tire Size	Design	TT/TL	Ply Rating	20 mph / Load/Inflation lbs. (PSI)	5 mph / Load/Inflation lbs. (PSI)	Rim	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in
LL7586	23.1-26	Logger Lug III HD	TT	16	9,900 (35)	13,900 (40)	DW20B	23.5	64.2	29.3	188	265	648	64
LL7799	24.5-32	Logger Lug III HD	TT	18	12,000 (35)	16,800 (40)	DH21	25.2	71.7	32.7	214	350	785	67
LL7598	28L-26	Logger Lug III HD	TT	16	10,500 (30)	14,700 (35)	DW25B	28	64.8	29.3	195	280	706	71
LL7998	28L-26	Logger Lug III HD	TT	20	11,400 (35)	16,000 (40)	DW25B	28	64.8	29.3	195	280	731	71
LL7996	30.5L-32	Logger Lug III HD	TT	20	13,200 (30)	18,500 (35)	DH27	30.5	74	33.3	219	370	964	70
YL7996	30.5L-32	Logger Lug III HD	TL	20	13,200 (30)	18,500 (35)	DH27	30.5	74	33.3	219	370	1,009	70
LL7T96	30.5L-32	Logger Lug III HD	TT	26	15,700 (40)	22,000 (45)	DH27	30.5	74	33.3	219	370	958	70
YL7T96	30.5L-32	Logger Lug III HD	TL	26	15,700 (40)	22,000 (45)	DH27	30.5	74	33.3	219	370	1020	70
LL75D5	DH35.5L-32	Logger Lug III HD	TT	16	13,900 (20)	19,500 (25)	DH31	35.6	78.9	36	288	575	1310	75
LL79D5	DH35.5L-32	Logger Lug III HD	TT	20	16,100 (25)	22,500 (30)	DH31	35.6	78.9	36	288	575	1367	75
YL79D5	DH35.5L-32	Logger Lug III HD	TL	20	16,100 (25)	22,500 (30)	DH31	35.6	78.9	36	288	575	1367	75
LL7TD5	DH35.5L-32	Logger Lug III HD	TT	26	19,300 (35)	27,000 (40)	DH31	35.6	78.9	36	288	575	1360	75
YL7TD5	DH35.5L-32	Logger Lug III HD	TL	26	19,300 (35)	27,000 (40)	DH31	35.6	78.9	36	288	575	1400	75

Goodyear Logger Lug III Flotation HF-4

- Extra wide tread for high flotation
- Provides lower ground pressure
- Special steel armor construction for increased penetration resistance
- Tread compounds to increase resistance to chunking and tearing

Catalog #	Tire Size	Design	TT/ TL	Ply Rating	20 mph / Load/Inflation lbs. (PSI)	5 mph / Load/Inflation lbs. (PSI)	Rim	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in
YL33F3GYB	66x43.00-25 NHS	Logger Lug III Flotation	TL	14	12,300 (35)	19,400 (35)	36.TH	41.2	69.4	32.9	197	600	1489	112
YL33F6GYB	66x43.00-26 NHS	Logger Lug III Flotation	TL	14	12,000 (35)	19,000 (35)	DW36A	41.2	69.4	32.9	197	600	1488	112
YL33R3GYB	67x34.00-25 NHS	Logger Lug III Flotation	TL	14	13,200 (40)	20,900 (40)	30.0TH	34.1	69.4	32.2	201	550	1324	118
YL3R65GYB	67x34.00-26 NHS	Logger Lug III Flotation	TL	14	13,200 (40)	20,900 (40)	DW30A	34.1	69.4	32.2	201	550	1311	118
YL35R6GYB	DH73x44.00-32*	Logger Lug III Flotation	TL	16	15,200 (40)	24,000 (40)	DH36	41.3	74.9	35.5	218	705	1607	104
YL35V6GYB	DH73x50.00-32*	Logger Lug III Flotation	TL	16	14,800 (35)	23,400 (35)	DH44	50.1	75.3	35.6	219	856	1849	104
YLA5V6GYB	DH73x50.00-32*(1)	Logger Lug III Flotation	TL	16	14,800 (35)	23,400 (35)	DH44	50.1	75.3	35.6	219	856	1777	104

*HF-3 plus NSD greater than HF-3, less than HF-4. (1) Aralon breakers instead of steel

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INDUSTRY STANDARDS AND TIRE SELECTION CHART

TIRE CODE

The "Ply Rating" designation used throughout this book complies with the designation adopted by the Tire and Rim Association. For all agricultural tires shown here, the term "Ply Rating" is used to identify a given tire with its maximum recommended load, when used in a specific type of service. It is an index of tire strength and does not necessarily represent the actual number of cord plies in the tire.

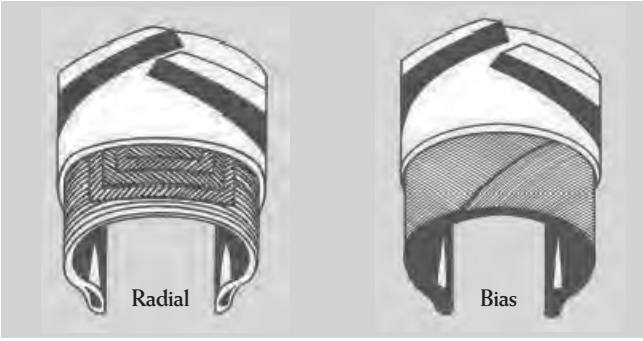
In the table below, a tire selection chart is provided with the code approved by the Tire and Rim Association for specific types of agricultural tires. (This code was created in the interest of simplifying reference to specific types of agricultural tires, regardless of the manufacturer's design name.) Goodyear and Titan agricultural tires reflect the appropriate code number on the tire sidewall, in the vicinity of the size stamping.

CODE	INDUSTRY TIRE TYPE	TIRE SERVICE	GOODYEAR NAME	TITAN NAME
	TRACTOR STEERING WHEEL TIRES			
F-1	Agricultural Single Rib Tread	Rice Farming	Single Rib	Tru-Trac Front
F-2M	Agricultural Multiple-Rib Tread	General Farming	Dyna Rib Four Rib	Tru-Trac Multi Rib
F-2	Agricultural Multiple-Rib Tread		Super Rib Triple Rib R/S / Triple Rib HD	Tru-Trac
F-3	Industrial Multiple-Rib Tread	Light Industrial Service	Multi Rib Laborer	Contractor Industrial Front Tractor
	REAR TRACTOR TIRES			
R-1	Drive Wheel, Regular Tread	General Farming	UltraTorque Radial DT710/DT730 Dyna Torque Radial DuraTorque Dyna Torque II Power Torque	Hi Traction Lug Radial Hi Power Lug Radial Hi Traction Lug Hi Power Lug Tru Power Farm Tractor
R-1W	Drive Wheel, Wet Traction Tread	Wet or Moist Soil	Super Traction Radial/ DT 800/DT 810/DT 820/DT 830 DT806/DT812/DT818/DT824	AG49V, AG49H, AG49M
R-2	Cane and Rice, Drive Wheel, Deep Tread	Wet Muck Sugar Cane Rice Farming	TD-8 TD-8 Radial	Special Service
R-3	Drive Wheel, Shallow Tread	Sandy or Volcanic Ash Soils Orchards Highway Mowing Golf Course Work Light Industrial Service	All Weather	Torc Trac Radial Torc Trac II Radial Torc Trac Torc Trac II
R-4	Industrial Tractor, Drive Wheel, Intermediate Tread	Light Industrial Service Highway Mowing	Industrial Sure-Grip IT510, IT520, IT530, IT525	Industrial Tractor Lug Industrial Tractor Lug II
HF-1	High Flotation, Shallow Tread	Golf Course Work	Tundra Grip, Terra Rib, Softrac, SFT 105	Soft Turf, Multi Trac C/S, Classic Rib, Classic TX
HF-2	High Flotation, Regular Lug Tread	General Farming	Super Terra-Grip, Super Terra-Grip LW	Flo-Trac Lug Tru Power II
HF-3	High flotation, Deep Lug Tread	Wet or Moist Soil	Super Terra-Grip XT	
HF-4	High Flotation, Extra Deep Tread	Wet Muck	Custom Flo-Grip	
	GARDEN TRACTOR TIRES			
	Lug Type	Gardens	Super Sure Grip	Tru-Trac
	Universal Type	Lawn Mowers	Lawn and Garden	
	IMPLEMENT TIRES			
I-1	Rib Tread	Free Rolling Wheels	Rib Implement Farm Utility FS24 Radial	Dura Life Hi Flotation
I-2	Moderate Traction Implement	Drive or Free Rolling Wheels	All Weather Softrac II All Traction	
I-3	Traction Tread	Drive Wheels	Traction Implement Super Flot Radial	Contractor, Contractor II, Traction Implement
I-6	Smooth Tread			
FI	Rib Tread with highway speed approval	Free Rolling Highway Speed Towed Implements	Farm Highway Service Highway Service II	Highway Implement

THINGS YOU SHOULD KNOW ABOUT FARM TIRES

Radial vs. Bias

As the drawing below shows, radial tire construction is substantially different from bias tire construction. The crossed plies of the bias tire run diagonally from bead to bead. In a radial tire, the carcass plies run in a radial direction from one bead to another. Radial tires also have stiff belts in the tread area that restrict growth and stabilize the lugs when they contact the ground. Radial tires have more supple sidewalls than bias tires that, in combination with the stiff belts, provide traction and efficiency superior to bias tires.



Tubeless Tires

Tubeless tires have been used for many years on combines and industrial tractors and have recently been adopted at all wheel positions by leading tractor manufacturers. They operate at the same inflation and have the same load capacity as equivalent tube type tires. Not only do tubeless tires provide higher reliability and easier puncture repair, but also lower assembly costs than tube type tires. When used with calcium chloride solution, rim corrosion is not a problem as long as you maintain the proper inflation pressure to keep the tire bead firmly on the rim's bead seat. This seals outside air away from the rim and controls corrosion. A dismounted rim will rust quickly if not rinsed with tap water immediately.

Tire Size Nomenclature

Conventional sizing – This is probably the most common size marking system in use today. Examples would be 7.50-16, 11L-15, 13.6-28 and 18.4R38. The first number is the nominal cross-section in inches, which is followed by a dash (-) to indicate bias construction or an "R" to indicate radial construction. The number after the dash or "R" is the nominal rim diameter.

Metric sizing – This new tire marking system has the approval of the International Standards Organization (ISO). Examples are 320/90R46 and 710/70R38. The number before the "/" is the nominal cross-section in millimeters. After the "/" is the aspect ratio, "R" indicates radial construction ("D" for bias or Diagonal), and then the nominal rim diameter.

Sidewall Info

On both sidewalls of all Goodyear farm tires is the name "Goodyear" in large letters, a size marking, a tire name such as "DT810," and a panel giving the maximum pressure for that tire, the load corresponding to that pressure, and the maximum speed for which that load is valid. If your operating conditions are different from those on the sidewall, you must consult the notes at the bottom of the extended load tables.

Ply Rating / Star Marking / Load Index

The load and/or pressure capacity of a tire is shown in the ply rating (bias tires), the star marking (conventional radial tires), or the load index (metric radials). It can describe tire strength (ply rating), rated inflation capacity (star marking), or rated load capacity (load index).

Ply Rating – Used by bias tires and some older radials. Ply rating is an indication of carcass strength and not the actual number of fabric plies in the tire. Maximum rated loads and pressures are different for each tire size with the larger tires operating at lower pressures for a given ply rating.

Star Marking – Used by conventional-sized farm tractor radials. Star marking is an indication of rated inflation pressure: 1 STAR farm tractor tires are rated at 18 psi, 2 STAR farm tractor tires are rated at 24 psi, and 3 STAR farm tractor tires are rated at 30 psi. Loads vary with tire size.

Load Index – Used with metric radials. Load index is an indication of rated load with each load index number corresponding to a certain load. If two tires have the same load index, they will carry the same load, but not necessarily at the same inflation pressure.

MFWD Lead / Lag Calculation

On mechanical front wheel drive (MFWD) tractors, front and rear rolling circumference must be matched to the tractor front-to-rear gear ratio. For further details see "Rolling Circumference" section.

Rim Selection

It is important to always mount a tire on a rim that is approved for it. Not only must the width be correct, but also the flange contour (i.e. DW, DD, F, L, ...) must be the one recommended for the tire in question.

Use Of A Rim Wider Than Recommended – Using a wider rim results in flattening of the tread face. This effect may improve traction in some looser soil conditions. In hard soils, however, the flatter tread penetrates less effectively and tractive effort is reduced. Additional stresses concentrated in the shoulder area tend to increase the rate of shoulder treadwear. By spacing the tire beads farther apart, the sidewalls are forced to flex in an area lower than normal and this can result in circumferential carcass breaks and/or separation.

THINGS YOU SHOULD KNOW ABOUT FARM TIRES (CONT'D)

Use Of A Rim Narrower Than Recommended – This condition brings potential mounting problems because the rim shield or flange cover molded into most drive tire designs tends to interfere with the seating of the tire beads on a narrow rim. Once mounted on a narrow rim, the tire rim shield applies undue pressure on the rim flange with possible tire sidewall separation or premature rim failure at the heel radius. On a narrow rim the tread of the tire is rounded, as with the over-inflated tire, treadwear will be concentrated in the center area of the tread and traction in the field will be reduced.

Drive Tire Designs

This handbook includes an "Industry Standards and Selection Chart," which is an excellent guide for determining the type of service for which a tire is intended.

R-1 is the most common type of lug tire used in the United States and Canada and is the tire to use for general dry land farming. Goodyear R-1 tires include the UltraTorque, Dyna Torque Radial and Duratorque.

R-1W tires were introduced in Europe for the wet soils found there. They fill a gap between the R-1 and R-2 tires and provide the right tire for areas with wet, sticky soils. The "W" signifies wet soil service. R-1W tires are defined as having 20% deeper tread depth than an equivalent R-1 tire, but actually range from 15 to 35 percent deeper. Goodyear R-1W designs include the Super Traction Radial, Optitrac DT824 and DT820.

R-2 tires are for cane and rice and other crops grown in wet muck or flooded fields. R-2 tires are about twice as deep as R-1 tires. Goodyear R-2 designs include the Special Sure Grip TD-8 and Special Sure Grip TD-8 Radial. Although R-2 tires are excellent in the service for which they are intended, the widely-spaced lugs can cause problems with wear and vibration when roaded. R-2 tires also do not pull as well as R-1 tires in the drier soils typical of crops such as corn and beans.

R-3 designs such as the Goodyear All Weather and All Weather Radial are used on turf or in sandy areas where the disturbance of an aggressive lug-type tire is not wanted. R-3's shallow, button-style treads are not designed for hard pulling, but may give surprisingly good traction on smooth, dry surfaces.

R-4 tires are found on tractors with backhoes and/or front-end loaders at construction and other industrial sites. These tires have shallow, durable lugs. R-4 examples include the Goodyear IT510 Radial, IT525, and Industrial Sure Grip.

HF-1,HF-2, HF-3 and HF-4 are types of a high flotation tire referred to as Terra-Tire. In comparison with conventional tires, these tires have a wider cross section, a larger air volume, and operate at lower inflation pressures. The net result is a flotation effect for go-anywhere performance – despite terrain, despite load. The HF-1 is a Rib Tread similar to an R-3 tire. The HF-2 type is a regular lug tread similar to an R-1 tire. The HF-3 type is a Deep Lug Tread similar to an R-1W tire. The HF-4 is an Extra Deep Lug Tread similar to an R-2 tire.

Tread depth is the biggest factor affecting traction in wet soils, but as the soil dries out, deep lugs turn from assets to liabilities. In soil conditions most prevalent in North America, an R-1 tire will pull better than an R-1W.

For an explanation of all codes see Industry Standards and Tire Selection chart.

Flotation / Compaction

Flotation is defined as "the ability of a tire to resist sinkage into the soil." If a tire is not able to stay on top of the soil, it will leave a rut under which the soil texture is disturbed. It is a concern in loose, wet, or easily compacted soils. Agricultural soils need to have air and water-filled pore spaces that allow root growth, the transport of plant nutrients, and rapid absorption of rain water. Compaction is defined as a decrease in the volume of these pore spaces. There are two different concerns: 1) subsoil compaction which is dependent on the total weight of the vehicle and 2) surface disturbance which is highly related to the average pressure between the tire and soil. For a given load, the tire that will carry the load at the lowest required inflation pressure will provide the greatest flotation and the least surface disturbance and compaction. This is because the average pressure under a tire is a little higher (about 1 to 2 psi for a radial and 2 to 3 psi for a bias) than the inflation pressure in the tire. Although we publish "Gross Flat Plate" contact areas for individual tires elsewhere in this book, it is important to remember that the published contact areas are correct only at that tire's rated inflation pressure and rated load. See box on contact area below. To compare the flotation characteristics of different size tires, use the load/inflation tables to determine the pressure corresponding to your load per tire. If you are looking for flotation, the tire that will carry the load at the lowest required inflation pressure is best.

A NOTE ON CONTACT AREA

The only contact area that we publish in this handbook is the "Gross Flat Plate" contact area. This is the total area contained within the ellipse of contact resulting from applying rated vertical load to a tire at rated pressure on a smooth hard surface. Previous editions of this book have also published a figure know as "penetrated area" which was all the area under a tire at the stated penetrated soil depth. It was felt that this figure was misleading because of the many assumptions made in its determination. In soft soil, the ratio between the pressure in the tire and the pressure that the soil can support determines the degree of soil deformation. This is why soil disturbance is minimized by opting for larger tires that can carry the required load at lower inflation pressures.

THINGS YOU SHOULD KNOW ABOUT FARM TIRES (CONT'D)

Terra-Tire is a specifically designed high flotation tire. The large ground contact area of Terra-Tire flotation tires effectively distributes load over a relatively broad area, providing a reduction in unit ground pressure in comparison to conventional tires. This reduction in ground pressure means less soil compaction and less ground disturbance—on the farm or on the golf course. It also means improved mobility, permitting the Terra-Tire to traverse mud or snow or soft sand that would often bog down a conventional tire.

Singles / Duals / Triples

Duals or triples can give you increased traction or increased flotation over single tires depending on how you set them up.

If you want TRACTION, add weight to your tractor up to the published load capacity for the tire using the appropriate row (single, dual or triple) from the tables in the "Load and Inflation" section. Inflation pressure must be increased to match the load using the same table. Be careful not to exceed the manufacturer's maximum load rating for the axle. If flotation is not a concern, higher load capacity single tires used at higher load and pressure will increase traction and be more efficient and maneuverable than dual or triple tires.

If you want FLOTATION from your duals or triples, run your tractor at the manufacturer's minimum weight/HP ballasting recommendations and decrease inflation pressure to match the lighter load according to the "Load and Inflation" tables and the "Optimum Tractor Tire Performance" section.

Compared to single tires, duals and triples can allow you to both increase traction (more weight) and improve flotation (lower inflation pressure) if only moderate increases in ballasting are made. However, remember that duals and triples increase your tractor's rolling resistance and decrease traction efficiency.

Dual Attachment Systems

While rim-mounted duals are easier to take on and off, the spacer band between the two rims decreases ground clearance. Axle-mounted duals are more flexible because they allow you to change spacing. Axle-mounted duals are also better at transmitting high torque.

Liquid / Air Fill With Duals

A few years ago the recommendation was to put liquid only in the inner tire but new information has changed the guidelines. All tires on an axle should be filled to the same level which should not exceed 40% (4 o'clock valve stem position). Likewise, all tires on a given axle should be inflated to the same pressure. See the section on optimizing your tractor to find the current rules concerning the use of liquid ballast.

Mixing Radial and Bias Duals / Unmatched Duals

There is no reason why you cannot mix radial and bias tires on the same axle. Of course you don't get the full benefits of radial tires when you mix them with bias, but the result is still better than dual bias tires. The radial tire would typically be mounted at the inside dual position. A guideline to follow when dealing with unmatched duals is that the larger diameter of the two unmatched duals should be at the inside position.

Tire Overload or Underinflation

Overloading and underinflating a tire both have the effect of over-deflecting it. Under these conditions the tread on the tire will wear rapidly and unevenly, particularly in the shoulder area. Radial cracking in the upper sidewall area will be a problem. With underinflated bias drive tires in high torque applications, sidewall buckles will develop leading to carcass breaks in the sidewall. While an underinflated drive tire may pull better in some soil conditions, this is not generally true and not worth the high risk of tire damage incurred.

Overinflation

Overinflation results in an under-deflected tire carcass. The tread is more rounded and wear is concentrated at the center. Traction is reduced in high torque service because both width and length of the ground contact area are reduced. The harder carcass — with reduced flexing characteristics — does not work as efficiently. Moreover, the tightly stretched overinflated carcass is more subject to weather checking and impact breaks.

Pressure Adjustments For Slow Speed Operation

Higher loads are approved for intermittent service operations at reduced speed. This is shown in the footnotes under the "Load and Inflation" tables for rear and front tractor tires operated at speeds up to 5 MPH max. To carry the increased load at this speed, the pressure MUST be increased as shown in the footnotes to reduce tire deflection and assure full tire service life.

Furrow Drive Wheel Tires

In mold board plowing operations, where tires on one side of the tractor are run in the furrow, inflation pressure in the furrow tire should be increased 4 psi over the rated value. The additional pressure compensates for the additional load being carried by the furrow tire and reduces sidewall buckling tendencies in bias tires under high torque.

Side Hill Work

When working back and forth on the side of a hill with a slope exceeding 11 degrees (20% grade), the tires of a tractor will alternately be on the down side. It is recommended that the inflation pressure in the rear tires be increased for additional stability. For base pressures 12 psi and above, the pressure should be increased 4 psi. For base pressures below 12 psi, the pressure should be increased by 30%. When one side is continuously operated in the down slope position, it is only necessary to increase the inflation pressures on that side.

THINGS YOU SHOULD KNOW ABOUT FARM TIRES (CONT'D)

Drawbar Pull and Tire Slip

The amount of drawbar pull available depends on the load carried by the tractor drive axle(s). For more pull, more weight should be added. The effect of added weight will be in proportion to the figures in the following table. For each 100 pounds added to the rear axle of the tractor, the average drawbar pull will be increased by:

Surface	Pull Increase (Pounds)
Concrete Road	70
Dry Clay	55
Sandy Loam	50
Dry Sand	35
Green Alfalfa	35

When the tractor is not properly weighted for drawbar load requirements, excessive wheel slippage will waste time and fuel and result in tearing of the leading edge of the lugs and spin cuts as shown in the photo above. For more complete information on how to setup your tractor for optimum performance, see the section on "Optimum Tractor Tire Performance."

Rim Slippage

In attempting to obtain maximum tractor drawbar pull, tube valves are occasionally torn off because of slippage of the tire bead on the rim. Tubeless tires, although immune to pulled valves due to slippage, may still suffer abrasion on the base of the bead after prolonged operation with the tire slipping on the rim. Tire slippage on the rim may be caused by:

1. Low inflation pressure for load.
2. Improper seating of tire bead on rim.
3. Use of thick soap solution or improper mounting lubricant in mounting the tire beads to the rim.
4. Inadequate tire size or strength rating for the high torque requirements.
5. Undersize rim — consult Goodyear Service Department for specialized equipment needed to determine if rims are out of spec.
6. Poor rim knurling on bead seat.

When one of the first three conditions is responsible for the problem, tires should be demounted and tire beads and rims carefully cleaned. Tire should then be remounted and inflated to 35 psi to properly seat the tire beads on the rim. **The precautions found in the Safetey section MUST be observed.** If tube type tire, the tube should then be completely deflated and then reinflated to recommended operating pressure.

Where inadequate tire size or load capacity is the problem, a change to a higher load capacity and/or larger tire size will be required. Determine tire adequacy by checking the "Load and Inflation" tables.

If it is determined that the rim is undersize or has poor knurling, then it must be replaced.

Roading of Farm Tires

Tractor tires operate most of the time in field conditions where the lugs can penetrate the soil, and where all portions of the tread make contact with the ground. In operating on hard roads in an underinflated or over-loaded condition, the tread lugs distort and squirm excessively as they enter and leave contact. On highly abrasive or hard surfaces, this action wipes off the rubber of the tread bars or lugs and wears them down prematurely and irregularly.

Using the correct inflation pressure from the "Load and Inflation" table will even the load distribution across the face of the tread resulting in more uniform wear.

Farm tractor and implement tires are designed for low speed operations not exceeding 25 mph (some radial tires are also rated for 30 mph). If tractors or implements are towed at high speeds on the highway, high temperatures may develop under the tread bars and weaken the rubber material and cord fabric. There may be no visible evidence of damage at the time. Later, a premature failure may occur, which experience shows was often started by the overheated condition that developed when the unit was towed at a high speed.

Tire Storage and Care

Stored tires and tires on stored implements should be protected from attack by oxygen and ozone. Although Goodyear farm tires use considerably more of the materials that protect against ozone and oxygen than car or truck tires, care should be taken in storage conditions to get full life expectancy from your tires.

Because tires readily absorb oil, grease, fuels, and other solvents, they should never be stored on oily floors or adjacent to volatile solvents. These tend to leach the protectants and will damage and weaken tires.

Mounted and unmounted tires should be stored away from motors, generators and arc welders because these are all sources of ozone. Ozone attacks rubber, causing it to crack perpendicular to any applied stress. These cracks expose more surface and ozone attack can escalate until rubber degradation can cause tire carcass failure. Even minor ozone-induced surface cracks can form an access route for foreign matter to penetrate the tire when it is put back into use.

THINGS YOU SHOULD KNOW ABOUT FARM TIRES (CONT'D)

Since heat and light also degrade tires, care should be taken to make sure that they are stored in a cool, dark place. Tires should be protected from sunlight, either under shelter or at least covered with an opaque tarp or black polyethylene.

To store tires mounted on rims but not on a machine, such as tractor duals, reduce inflation pressure to about 10 psi and store vertically, standing on their treads. Tires off rims can be stacked evenly on their sidewalls, but never so high as to distort the bottom tire. To protect tires on a machine in storage for six months or more, block up the machine to reduce stress on the tires. With the tires off the ground, pressure can be reduced to 10 psi. If it's not possible to elevate the tires, increase inflation pressure to 25 percent above that required for the actual load on the tire to decrease deflection. The machine should be moved from time to time to change the location of stress concentrations in the tire ground contact area. Make sure that you remember to reset inflation pressure to the recommended operating value when the machine is restored to service.

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RADIAL TIRE SIZES SORTED BY ROLLING CIRCUMFERENCE

SIZE	DESIGN	ROLLING CIRC. (IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)
240/70R16	DT810 Radial	87.4	29.2	9.6
260/70R16	DT810 Radial	91.1	30.5	10.2
280/70R16	DT810 Radial	94.5	31.7	11.2
250/80R16	Super Traction Radial	97.5	32.6	10.3
7.50R18	Super Traction Radial	101.3	33.9	8.1
280/70R18	DT810 Radial	101.7	34.0	10.8
250/80R18	Super Traction Radial	103.7	34.6	10.1
260/70R20	DT810 Radial	103.7	34.5	10.2
280/70R20	DT810 Radial	107.3	35.8	11.1
260/80R20	Super Traction Radial	112.0	37.4	10.3
300/70R20	DT810 Radial	112.8	37.7	11.6
11.2R20	Super Traction Radial	117.6	39.4	11.5
12.4R20	Super Traction Radial	123.3	40.9	12.6
360/70R20	DT810 Radial	123.5	41.5	14.1
380/70R20	DT810 Radial	126.3	42.4	15.0
320/70R24	DT810 Radial	129.7	43.2	12.1
320/75R24	DT710 Radial	130.3	43.4	12.3
11.2R24	Super Traction Radial	130.7	43.4	11.4
12.4R24	Super Traction Radial	135.1	44.9	12.6
44x41.00-20	Super Terra Grip D	136.0	44.4	36.0
360/70R24	DT810 Radial	136.5	45.6	14.0
380/70R24	DT810 Radial	139.8	46.8	14.8
13.6R24	Super Traction Radial	141.4	47.0	13.8
420/70R24	DT810 Radial	146.2	49.0	16.6
14.9R24	Super Traction Radial	146.4	48.7	15.4
14.9R24	DT710 Radial	149.1	49.8	15.7
360/70R28	DT810 Radial	149.1	49.7	13.9
380/70R28	DT810 Radial	152.0	50.7	15.1
48x31.00R20	Super Terra Grip XT	152.0	50.9	29.9
13.6R28	Super Traction Radial	153.2	51.0	13.8
16.9R24	Super Traction Radial	154.4	51.9	17.7
13.6R28	DT710 Radial	155.0	51.6	14.3
480/70R24	DT812 Radial	155.3	52.1	19.1
340/85R28	Dyna Torque Radial	155.4	51.8	14.0
380/85R26	Dyna Torque Radial	155.6	52.0	14.8
420/70R28	DT810 Radial	158.7	52.9	16.9
14.9R28	Super Traction Radial	158.8	52.9	15.2
12.4R32	Super Traction Radial	159.3	53.1	12.6
250/95R34	DT800 Radial	159.7	53.1	9.9
380/85R28	UltraTorque Radial	160.1	53.4	15.0
380/85R28	Dyna Torque Radial	161.2	53.8	15.2
14.9R28	DT710 Radial	161.5	53.8	15.7
16.9R26	Super Traction Radial	161.8	53.9	17.6
480/85R26	Dyna Torque Radial	163.1	54.6	17.0
54x31.00R26	Super Terra Grip	164.0	55.0	30.5
14.9R30	Super Traction Radial	164.7	54.9	15.2
290/95R34	DT730 Radial	166.9	55.4	11.1
320/85R34	Dyna Torque Radial	166.9	55.4	12.6
380/85R30	Dyna Torque Radial	167.4	55.8	15.2
14.9R30	DT710 Radial	167.6	55.8	15.7
480/70R28	DT810 Radial	167.9	56.1	19.1
250/90R38	DT800 Radial	168.0	55.7	9.9
380/85R30	UltraTorque Radial	168.0	56.0	15.0
16.9R28	Super Traction Radial	168.1	56.1	17.6
320/85R34	DT800 Radial	168.1	55.9	12.6
420/85R28	UltraTorque Radial	168.3	56.2	17.0
420/85R28	Dyna Torque Radial	168.7	56.4	17.2
16.9R28	DT710 Radial	169.3	56.5	18.1
440/80R28	VersaTorque Radial	169.3	56.5	18.1
18.4R26	Super Traction Radial	170.2	56.8	19.2
12.4R36	Super Traction Radial	170.6	56.9	12.6
480/85R26	Dyna Torque Radial	171.5	57.5	19.0
540/65R30	DT820 Radial	172.7	57.6	20.9
16.9R28	Special Sure Grip TD8 Radial	173.0	58.2	16.9
16.9R30	Super Traction Radial	173.4	57.9	17.6
480/70R30	DT810 Radial	174.8	58.4	18.9
420/90R30	Dyna Torque Radial	175.2	58.5	17.2
600/65R28	DT820 Radial	175.2	58.7	23.3
16.9R30	DT710 Radial	175.4	58.5	18.1
380/85R34	DT800 Radial	176.8	58.9	15.0
13.6R36	Super Traction Radial	176.9	59.1	13.8
320/85R38	DT800 Radial	177.2	58.8	12.6
290/90R38	DT800 Radial	177.3	58.9	11.4
420/90R30	UltraTorque Radial	177.3	59.2	17.0
380/85R34	UltraTorque Radial	177.4	59.0	15.0
16.9R30	Special Sure Grip TD8 Radial	179.0	60.2	16.9
380/85R34	Dyna Torque Radial	179.7	59.8	15.2
385/85R34MPT	Dyna Torque Radial	179.7	59.8	15.2
18.4R30	Super Traction Radial	182.0	60.8	19.2
600/70R28	DT824	182.0	61.1	23.3
520/70R30	DT810 Radial	182.2	61.0	20.3
13.6R38	Super Traction Radial	183.4	61.3	13.8
18.4R30	DT710 Radial	183.4	61.2	19.4
540/65R34	DT818 Radial	185.0	61.7	20.9
16.9R34	Super Traction Radial	185.7	62.0	17.6
420/85R34	Super Traction Radial	185.7	62.0	16.6
540/65R34	DT820 Radial	185.9	62.1	20.8
290/90R42	DT800 Radial	186.7	61.9	11.4
320/80R42	DT800 Radial	186.8	61.9	12.6
480/70R34	DT810 Radial	186.8	62.2	19.2
380/80R38	DT800 Radial	187.1	62.2	15.0
620/75R26	DT820 Radial	187.8	62.8	23.9
600/70R30	DT820 Radial	188.1	63.1	24.1
28LR26	Super Traction Radial	189.3	63.3	28.3
480/85R30	Special Sure Grip TD8 Radial	189.5	63.9	18.9
480/70R34	Special Sure Grip TD8 Radial	190.0	63.9	18.9
1000/50R25	Super Terra Grip	190.0	64.0	42.5
750/65R26	DT820 Radial	190.4	64.4	30.1
18.4R34	Super Traction Radial	193.8	64.8	19.2
1000/50R25	Super Terra Grip XT	194.0	64.0	41.8
18.4R34	DT710 Radial	195.8	65.2	19.4
540/75R34	DT824 Radial	196.6	65.7	21.7
480/85R34	UltraTorque Radial	196.8	65.6	18.9
320/90R42	DT800 Radial	196.9	65.4	12.6
480/85R34	VersaTorque Radial	197.1	65.7	19.5
16.9R38	Super Traction Radial	197.3	66.0	17.6
540/65R38	DT820 Radial	198.4	66.1	21.0
420/85R38	DT806	198.8	66.1	16.5
380/80R42	DT800	198.8	65.9	15.0
16.9R38	DT710 Radial	200.1	66.5	18.1
620/75R30	DT822 Radial	200.4	67.3	23.4
1050/50R25	Tundra Grip	203.0	69.1	42.6
18.4R38	Super Traction Radial	205.2	68.7	19.2
320/90R46	DT800 Radial	206.8	68.6	12.6
250/95R50	DT800 Radial	207.0	68.5	9.9
480/80R38	UltraTorque Radial	207.0	68.9	18.9
480/80R38	Dyna Torque Radial	207.6	69.1	19.0
18.4R38	DT710 Radial	208.1	69.2	19.4
650/75R32	Dyna Torque Radial	211.9	70.9	24.9
18.4R38	Special Sure Grip TD8 Radial	212.4	71.2	18.4
320/90R46	Special Sure Grip TD8 Radial	213.0	70.8	12.6
340/85R46	Special Sure Grip TD8 Radial	213.0	70.8	13.6
650/75R32	DT820 Radial	213.4	71.4	24.2
800/65R32	Super Traction Radial	213.5	71.5	30.1
800/65R32	Dyna Torque Radial	213.6	71.5	29.8
900/55R32	DT830 Radial	215.2	72.3	34.4
20.8R38	Super Traction Radial	215.7	72.2	21.6
580/70R38	DT810 Radial	216.4	72.2	23.1
380/85R46	Dyna Torque Radial	216.5	71.8	15.2
18.4R42	Super Traction Radial	216.8	72.1	18.4
520/85R38	Dyna Torque Radial	216.8	72.2	21.2
650/75R34	DT820 Radial	217.0	72.6	26.8

SIZE	DESIGN	ROLLING CIRC. (IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)
20.8R38	DT710 Radial	217.4	72.4	21.4
1050/50R52	Super Terra Grip XT	218.0	71.3	43.7
420/80R46	Dyna Torque Radial	218.4	72.5	16.5
420/80R46	UltraTorque Radial	218.4	72.5	16.5
250/95R54	DT800 Radial	218.6	72.3	9.9
380/90R46	UltraTorque Radial	218.6	72.5	15.0
520/85R38	UltraTorque Radial	218.6	72.8	20.3
320/90R50	DT800 Radial	219.0	72.6	12.6
380/90R46	DT800 Radial	219.0	72.7	15.0
480/80R42	UltraTorque Radial	219.0	72.8	18.9
480/80R42	Dyna Torque Radial	220.5	73.3	18.7
20.8R38	Special Sure Grip TD8 Radial	221.7	74.5	21.7
18.4R42	Special Sure Grip TD8 Radial	224.6	75.0	18.4
900/60R32	DT830 Radial	226.2	76.1	34.3
650/65R42	DT820 Radial	226.3	75.3	25.4
20.8R42	Super Traction Radial	227.6	76.2	21.6
710/70R38	DT820 Radial	227.6	76.0	28.0
520/85R42	Dyna Torque Radial	229.1	76.2	21.2
900/50R42	DT830 Radial	229.7	76.6	34.9
20.8R42	DT710 Radial	229.8	76.4	21.4
380/90R50	DT800 Radial	230.0	76.3	15.0
480/80R46	UltraTorque Radial	230.0	76.4	18.9
520/85R42	UltraTorque Radial	230.0	76.5	20.3
710/70R38	DT720 Radial	230.0	76.6	28.6
480/80R46	Super Traction Radial	230.2	76.5	18.9
320/90R54	DT800 Radial	230.3	76.2	12.6
620/70R42	DT820 Radial	230.3	76.7	24.6
480/80R46	Dyna Torque Radial	232.2	77.1	19.0
20.8R42	Special Sure Grip TD8 Radial	233.5	78.2	20.8
18.4R46	Special Sure Grip TD8 Radial	233.7	77.9	18.4
520/85R42	Special Sure Grip TD8 Radial	234.0	78.2	20.8
900/65R32	Special Sure Grip TD8 Radial	236.6	80.8	34.9
650/85R38	DT820 Radial	241.1	80.7	25.6
800/70R38	DT820/DT830 Radial	242.0	81.1	31.4
520/85R46	Super Traction Radial	242.1	80.6	21.3
620/70R46	DT820 Radial	242.5	80.7	24.6
380/90R54	DT800 Radial	242.7	80.4	15.0
480/80R50	Super Traction Radial	243.0	80.7	19.0
710/70R42	DT820 Radial	243.1	81.1	28.2
520/85R46	Special Sure Grip TD8 Radial	249.0	83.3	20.3
1100/65R46	DT930	251.0	85.0	43.3
900/75R32	DT830	253.0	85.2	34.9
480/95R50	DT800	259.0	85.9	18.9
850/80R38	DT820	269.0	90.5	35.5
850/75R42	DT820 HD	269.0	90.5	33.5
320/90R72.5	DT800	286.0	94.7	12.6

INT'L SPEED SYMBOLS

Speed Symbols	*Speed km/h*	*Speed mph*
A1	5	2.5
A2	10	5
A3	15	10
A4	20	12.5
A5	25	15
A6	30	20
A7	35	22.5
A8	40	25
B	50	30
C	60	35
D	65	40
E	70	43
F	80	50
G	90	55
J	100	62

INTERNATIONAL LOAD INDEX NUMBERS

(NOT APPLICABLE TO PASSENGER CAR, LIGHT TRUCK OR TRUCK-BUS TIRES)

LOAD INDEX	KG	LBS
40	140	310
41	145	320
42	150	330
43	155	340
44	160	355
45	165	365
46	170	375
47	175	385
48	180	395
49	185	410
50	190	420
51	195	430
52	200	440
53	206	455
54	212	465
55	218	480
56	224	495
57	230	505
58	236	520
59	243	535
60	250	550
61	257	565
62	265	585
63	272	600
64	280	615
65	290	640
66	300	660
67	307	675
68	315	695
69	325	715
70	335	740
71	345	760
72	355	785
73	365	805
74	375	825
75	387	855
76	700	880
77	412	910
78	425	935
79	437	965
80	450	990
81	462	1020
82	475	1050
83	487	1070
84	500	1100
85	515	1140
86	530	1170
87	545	1200
88	560	1230
89	580	1280
90	600	1320
91	615	1360
92	630	1390
93	650	1430
94	670	1480
95	690	1520
96	710	1570
97	730	1610
98	750	1650
99	775	1710
100	800	1760

LOAD INDEX	KG	LBS
101	825	1820
102	850	1870
103	875	1930
104	900	1980
105	925	2040
106	950	2090
107	975	2150
108	1000	2200
109	1030	2270
110	1060	2340
111	1090	2400
112	1120	2470
113	1150	2540
114	1180	2600
115	1215	2680
116	1250	2760
117	1285	2830
118	1320	2910
119	1360	3000
120	1400	3080
121	1450	3200
122	1500	3300
123	1550	3420
124	1600	3520
125	1650	3640
126	1700	3740
127	1750	3860
128	1800	3960
129	1850	4080
130	1900	4180
131	1950	4300
132	2000	4400
133	2060	4540
134	2120	4680
135	2180	4800
136	2240	4940
137	2300	5080
138	2360	5200
139	2430	5360
140	2500	5520
141	2575	5680
142	2650	5840
143	2725	6000
144	2800	6150
145	2900	6400
146	3000	6600
147	3075	6800
148	3150	6950
149	3250	7150
150	3350	7400
151	3450	7600
152	3550	7850
153	3650	8050
154	3750	8250
155	3875	8550
156	4000	8800
157	4125	9100
158	4250	9350
159	4375	9650
160	4500	9900
161	4625	10200

LOAD INDEX	KG	LBS
162	4750	10500
163	4875	10700
164	5000	11000
165	5150	11400
166	5300	11700
167	5450	12000
168	5600	12300
169	5800	12800
170	6000	13200
171	6150	13600
172	6300	13900
173	6500	14300
174	6700	14800
175	6900	15200
176	7100	15700
177	7300	16100
178	7500	16500
179	7750	17100
180	8000	17600
181	8250	18200
182	8500	18700
183	8750	19300
184	9000	19800
185	9250	20400
186	9500	20900
187	9750	21500
188	10000	22000
189	10300	22700
190	10,600	23,400
191	10,900	24,000
192	11,200	24,700
193	11,500	25,400
194	11,800	26,000
195	12,150	26,800
196	12,500	27,600
197	12,850	28,300
198	13,200	29,100
199	13,600	30,000
200	14,000	30,900

ROLLING CIRCUMFERENCE

Rolling circumference is the distance a tire travels in one revolution. With the growing number of mechanical front wheel drive (MFWD) tractors, the rolling circumference of the tires play an important role in determining the correct setup for your tractor. In MFWD tractors, both the front and rear tires do the work. Since the front tires are smaller than the rear tires, the front tires have to rotate faster to cover the same distance as the rear. The mechanical gearbox in the tractor accomplishes this task. Typical Front/Rear gear ratios range from 1.2 to 1.5. When selecting tires for your MFWD tractors, be sure to maintain the proper ratio of rolling circumference for your tractor. Typical tractor setups maintain a positive front tire slippage or overrun from +1 to +5%.*

*Consult vehicle manufacturer for recommended range for your particular unit.

This positive slippage maintains good steering ability for the user and reduces tire wear. (Positive slippage-front tires pulling, or leading, the rear tires. Negative slippage-front tires resisting, or lagging, the rear tires.) Too much positive slippage would cause the front tires to try to do too much work, and they become less efficient. Too much negative slippage would have a braking effect on the front and reduce steering ability.

Revs/Mile can be determined from Rolling Circumference as follows:

$$\frac{\text{Revs}}{\text{Mile}} = \frac{63360}{\text{Rolling Circumference (In.)}}$$

Rolling circumference of tires play an important role in maintaining the correct setup of your tractor. When choosing a different size or type of tire, make sure the rolling circumference of the tire is close to the rolling circumference of the old tire being replaced. An example of this procedure is the following:

Given: FRONT: 420/80R28 UltraTorque
REAR: 520/80R38 UltraTorque
Front/Rear Gear Ratio: 1.333 (available thru tractor dealer)

FIND WHICH OTHER FRONT TIRES WOULD FIT ON THIS TRACTOR AND STILL MAINTAIN A POSITIVE SLIPPAGE OR LEAD IN THE RANGE OF +1 TO +5%.

1. Determine the rolling circumference of both front and rear tires using the "Rolling Circumference" section of this handbook. (Sizes are sorted by rolling circumference.)

420/80R28 UltraTorque Rolling Circumference = 168.3 In.
520/80R38 UltraTorque Rolling Circumference = 218.6 In.
Front/Rear Gear Ratio: 1.333 (available thru tractor dealer)

CURRENTLY:

$$\text{Slippage} = \frac{\text{Front Tire Rolling Circumference x FRONT/REAR Gear Ratio}}{\text{Rear Tire Rolling Circumference}}$$

$$= \frac{168.3 \times 1.333}{218.6}$$

= 1.024 IF THIS NO. > 1 MEANS POSITIVE SLIPPAGE
IF THIS NO. < 1 MEANS NEGATIVE SLIPPAGE

TO FIND PERCENTAGE SLIPPAGE:

(1.024-1) = .024
x 100 = 2.4% SLIPPAGE (GOOD; WITHIN +1 to +5% RANGE)

NEW TIRE:

Now find a tire on the engineering data pages with approximately the same rolling circumference (668.3 In.) as the 420/80R28 front tire. Select 420/70R28 as a possible replacement. It has a rolling circumference of 158.7 In.

Now check to see if this tire matches with the rear to maintain a positive slippage of +1 to +5%.

420/70R28 DT812 Rolling Circumference = 158.7 In.
520/80R38 UltraTorque Rolling Circumference = 218.6 In.
Front/Rear Gear Ratio: 1.333 (available thru tractor dealer)

$$\text{Slippage} = \frac{\text{Front Tire Rolling Circumference x FRONT/REAR Gear Ratio}}{\text{Rear Tire Rolling Circumference}}$$

$$= \frac{158.7 \times 1.333}{218.6}$$

= .966 IF THIS NO. > 1 MEANS POSITIVE SLIPPAGE
IF THIS NO. < 1 MEANS NEGATIVE SLIPPAGE

TO FIND PERCENTAGE SLIPPAGE:

(.966-1) = -.034
x 100 = -3.4% SLIPPAGE (NOT ACCEPTABLE; NOT WITHIN +1 TO +5% RANGE)

TRY ANOTHER TIRE WITH A ROLLING CIRCUMFERENCE CLOSER TO THE 14.9R30 DYNA TORQUE RADIAL OF 167.4 in.

NEW TIRE:

Now find a tire on the engineering data pages with approximately the same rolling circumference (668.3 In.) as the 420/80R28 front tire. Select 320/85R34 DT800 as possible replacement. It has a rolling circumference of 168.1 In.

Now check to see if this tire matches with the rear to maintain a positive slippage of +1 to +5%.

320/85R34 DT800 Rolling Circumference = 168.1 In.
520/80R38 UltraTorque Rolling Circumference = 218.6 In.
Front/Rear Gear Ratio: 1.333 (available thru tractor dealer)

$$\text{Slippage} = \frac{\text{Front Tire Rolling Circumference x FRONT/REAR Gear Ratio}}{\text{Rear Tire Rolling Circumference}}$$

$$= \frac{168.1 \times 1.333}{218.6}$$

= 1.025 IF THIS NO. > 1 MEANS POSITIVE SLIPPAGE
IF THIS NO. < 1 MEANS NEGATIVE SLIPPAGE

TO FIND PERCENTAGE SLIPPAGE:

(1.025-1) = .025
x 100 = 2.5% SLIPPAGE (GOOD; WITHIN +1 to +5% RANGE)

After determining if the front matches, look at the overall diameter and overall width to compare to current tire for clearance purposes. Next, determine if the new tire can carry the load on your tractor. Finally, see the "Approved Rim Contours" section to select the correct rim for the new tire.

WORKSHEET

FRONT TIRE SIZE: _____ Rolling Circumference = _____ In.
REAR TIRE SIZE: _____ Rolling Circumference = _____ In.

Front/Rear Gear Ratio: _____ (available thru tractor dealer)

$$\text{Slippage} = \frac{\text{Front Tire Rolling Circumference x FRONT/REAR Gear Ratio}}{\text{Rear Tire Rolling Circumference}}$$

$$\frac{\text{x}}{=}$$

= _____ IF THIS NO. > 1 MEANS POSITIVE SLIPPAGE
IF THIS NO. < 1 MEANS NEGATIVE SLIPPAGE

TO FIND PERCENTAGE SLIPPAGE:

(____ -1) = ____
x 100 = ____% SLIPPAGE (WITHIN +1 to +5% RANGE ?)

OPTIMUM TRACTOR TIRE PERFORMANCE

Testing and field experience have shown that small adjustments in tractor weight split, ballast type, and tire inflation pressures to optimize your tractor for each job will allow you to reap significant benefits from improved tractor performance. Our primary focus is on adjusting your tractor for use in heavy tillage operations or when it is subjected to high static loads on the rear when carrying heavy 3 point hitch implements or from a towed implement that places a high down-load on the tractor drawbar. A few minutes of your time will be required to manage these adjustments for each job, but you will find them very worthwhile. They will result in:

- Significantly Improved Traction (Reduced Slip and Higher Fuel Efficiency)
- Reduced Compaction
- Improved Flotation
- Improved Ride
- Reduced Tire Wear
- Improved Side Hill Stability
- Improved Penetration Resistance
- Better Control of Power Hop

The fundamental principle that applies to all farm tires and especially radial drive tires is this: Tire inflation pressure must match tire load. A properly inflated radial drive tire will have "cheeks." That is, the sidewalls will bulge noticeably.

The major items to be considered in achieving optimum performance from your tractor are:

- Appropriate tire size and number of tires
- Total tractor weight and static weight split (% of static weight on the front and on the rear axles)
- Type of ballast used (Cast Weight and Liquid)
- Tire inflation pressures

Tire Size Selection

Select big, tall radial tires for use on 4WD tractors and on the rear of MFWD tractors — tires that are large enough to carry the static weight of the tractor with inflation pressures in the 6 to 14 psi range (lower pressure provides a better, "softer" ride). The bigger the tire, the lower the inflation pressure required to support a given axle load. This will provide the best tractive performance, the best ride, and improve control of power hop. Soil compaction will also be reduced since the average soil contact pressure under a radial tire is approximately equal to the inflation pressure plus 1 or 2 psi. Thus, the lower the inflation pressure, the less compaction.

Tractor Ballasting (Weight and Weight Split)

For best efficiency, tractor horsepower should be used to pull a moderate load at higher field speeds rather than a heavy load at low speeds. Pulling a lighter load at a higher speed means that the tractor can be ballasted to fewer LBS./HP which prolongs the life of bearings, gears and tires. General ranges are provided here — check with your tractor dealer for specific tractor brand recommendations. The tractor dealer can usually estimate weights and weight splits for your tractor from tables of data provided by the tractor manufacturer. Since the weight split of a 4WD tractor is especially important in achieving optimum performance and controlling power hop, accurate front and rear axle weights are needed. If these weights are not available from the tractor dealer, the unit must be weighed. Use platform scales to weigh the front and rear axle separately. Accurate tire pressure recommendations can only be made by using accurate weights and weight splits. It is also important that you consider the type of ballast used (cast weights and/or liquid) when setting up your tractor for optimum performance – see the next section for further details.

	Total Tractor Weight	Percent on Front Axle
4WD	85-125 pounds per engine horsepower.	For towed implements, use 51-55%. This is very important to help in control of power hop. With no hitch, PTO or ballast, the front will be 60% or more out of the factory. For hitch-mounted implements, use 55-60%. For towed implements with very high downward loads on drawbars, use 55-65%.
MFWD	120-145 pounds per PTO horsepower. 130 is most common.	35-40% for all types of implements. Power hop is easier to control as front split is reduced.
2WD Row Crop	Same as MFWD.	25-35%. Use higher percentage with heavy hitch-mounted implements.

Ballast Type

Liquid ballast should be avoided since it has a stiffening effect that degrades ride and generally reduces ability to control power hop. If liquid ballast is used in the rear of 4WD tractors or MFWD tractors, all tires on the axle must be filled to the same level, which should not exceed 40% fill (4 o'clock valve stem position). Use 50% fill when desired weight split cannot be met by other means. Do not use liquid in 4WD fronts unless ballasting is needed for heavy hitch-mounted ripper or scraper applications. Up to 75% fill may be used in MFWD fronts if needed for weight and/or to provide stiffness to assist in power hop control.

Tire Inflation Pressures

When radial drive tires can be operated at lower pressures (generally below 14 psi), the tractive performance of the tractor is greater, without hop, ride is more comfortable, and soil compaction pressures are minimized.

A tire should be inflated to a pressure appropriate for the load on it. Correct inflation pressure for the individual tire load is provided in the tables in this book. Never operate with pressures lower than the minimum stated in the tables.

Individual tire loads are determined by dividing the axle load by the number of tires per axle. Axle loads can be determined from your tractor dealer, from tractor manufacturer's handbooks, or by weighing the front and rear on a platform scale. Rear pressures must be raised with heavy hitch-mounted implements. On extremely steep hillsides (steeper than 20% grade) or where lateral stability is needed, increase rear pressures 4 psi above the pressure found in the table. All tires on an axle must have the same pressure. Do not over inflate or under inflate. Use a pencil type or dial gauge that is accurate in the lower pressure ranges. Pencil type gauges for ATV tires calibrated from 0-20 psi in half psi increments can be used for most rear tires. (They are not designed for liquid ballast.)

OPTIMUM TRACTOR TIRE PERFORMANCE

TIRE INFLATION PRESSURE SHOULD BE CHECKED REGULARLY BEFORE WORK WHEN TIRES ARE COOL. TIRE PRESSURES CHANGE SEASONALLY AS OUTSIDE TEMPERATURE CHANGES.

Power Hop Control

Under some field conditions, when pulling towed implements, MFWD and 4WD tractors can experience a type of vibration or bounce called power hop. If power hop occurs after following all of the foregoing guidelines on tire size, weight split, ballast type and inflation pressures, make the following adjustments to inflation pressures:

MFWD

Raise front inflation pressure by 8 psi. Usually 8 psi above the correct inflation pressure for the load will suffice. If power hop is not eliminated, further front tire inflation pressure increases in 2 psi increments is advised until hop is eliminated. Rear tire inflation pressures should remain at the correct pressures for the load. The maximum front pressure should not exceed 6 psi above the maximum rated pressure for the tire (radial or bias.) If the tractor still hops, use 75% liquid fill in front tires and remove an equivalent amount (or more) of front cast ballast. If the tractor still hops, remove any liquid ballast in rear tires and replace with cast weight equivalents.

4WD

Raise the rear inflation pressure from the correct inflation by 8 psi if hop continues. If power hop is not eliminated, further rear tire inflation pressure increases in 2 psi increments is advised until hop is eliminated. The maximum pressure should not exceed 6 psi above the maximum rated pressure for the tire (radial or bias). If raising the rear pressure fails to control hop, then reset the rear tires to the correct pressure for the load and raise the fronts. It is very important that one of the two axles remain at the correct pressure for its load. On extremely steep hillside operations, keep the fronts at the correct pressure for the load and raise the rear pressures.

Monitoring Your Tractor's Performance

After adjusting your tractor to achieve optimum tractive performance following the guidelines here, it is important that you monitor tractor behavior especially under high draft load conditions such as tillage and scraper operations.

When performing field operations that load the tractor close to a traction or power limit, you should continuously monitor:

Wheel Slip (radar monitor recommended) – Should be no more than 15% in normal tillage conditions — typically 5-12%. If wheel slip is less than 5% with your highest draft implement and hardest pulling conditions, you are over ballasted if ground speeds are slow or under utilizing your tractor if ground speeds are high. If slip is greater than 15%, you should either add weight or reduce your drawbar requirements — implement is too big for tractor.

Engine Speed – The engine should operate in the speed range specified by the manufacturer. Under normal conditions at full throttle, the speed should be near rated, but may drop a few hundred rpm during short duration, high draft conditions. You may also "shift up and throttle back" if this does not cause the engine to labor. Check your tractor manufacturer's recommendation.

Ground Speed (A radar monitor is recommended) – 5 mph or higher is preferred, but no less than 4 mph continuously. Check your tractor manufacturer's recommendation.

If the tractor can maintain engine and ground speed within these limits but the slip is high, you should do one or more of the following:

1. Reduce draft by reducing implement working depth or width.
2. Add ballast, but maintain correct weight split.
3. Consider larger diameter tires.

If the tractor is unable to maintain a minimum of 4 mph and the slip is within the acceptable range, you should reduce draft by reducing implement working depth or width.

Please Note

It is important to note that when tractors are optimized for one service category, switching operations to another category may require ballast changes and will require inflation pressure changes.

See Optimum Tractor Tire Performance Worksheets on the following pages.

2WD

For two wheel drive row crop tractors, the same guidelines as for MFWD tractors can be followed with these significant differences:

1. Only 25-35% of the static weight should be on the front – use higher percentages with heavy hitch-mounted implements as recommended by your tractor manufacturer.
2. Liquid ballast to 75% fill can be used in rear tires, but ride will be best if cast wheel weights or partial liquid fills are used instead.
3. The correct inflation pressures from the tables will also provide optimum tractive performance for your 2WD tractor.

OPTIMUM TRACTOR TIRE PERFORMANCE WORKSHEET — MECHANICAL FRONT WHEEL DRIVE TRACTORS

1. DETERMINE INITIAL VALUES: DATE _____

Farmer Name _____ Address _____ PH (_____) _____

Tractor Make & Model _____ PTO-HP _____ Implement used _____

Front Tire Size _____ singles duals triples Front Ply/Star Rating _____ liquid fill none 25% 40% 75% _____

Rear Tire Size _____ singles duals triples Rear Ply/Star Rating _____ liquid fill none 25% 40% 75% _____

Front Tractor Axle Weight _____ Front Weight/Total Weight = _____ %. Rear Tractor Axle Weight _____ Rear Weight/Total Weight = _____ %.

Total Weight _____ Total Weight/PTO-HP = _____ #/PTO-HP.

Weight should be 120-145 pounds per PTO horsepower. (130 is most common.) Weight split should be 35-40% on front axle.

2. ADJUST WEIGHT & WEIGHT SPLIT IF NECESSARY

(Comments: _____)

Front weight added: (cast/liquid) _____ Front Tractor Axle Weight _____ Front Weight/Total Wt. = _____ %

Rear weight added: (cast/liquid) _____ Rear Tractor Axle Weight _____ Rear Weight/Total Wt. = _____ %

Total Weight _____ Total Weight/PTO-HP = _____

3. DETERMINE CORRECT INFLATION PRESSURE FOR THE LOAD

For MFWD Tractors with Standard Towed High Draft Implements (Disks, Chisel Plows, Field Cultivators, Mulch Tillers, Towed Rippers, etc.)

Front Tractor Axle Weight _____

Rear Tractor Axle Weight _____ or

For MFWD Tractors with Rear Hitch-Mounted Implements (Rollover Plows, PTO Rototillers, Mounted Rippers, Row Crop Cultivators, etc.)

Front Tractor Axle Weight with implement lowered _____

Rear Tractor Axle Weight with implement attached and raised _____ or

For MFWD Tractors with Towed Implements That Impose High Downward Loads on Tractor Drawbars

(Scrapers, Potato and Beet Harvesters, Grain Carts, Slurry Tanks, etc.)

Front Tractor Axle Weight with implement detached _____

Rear Tractor Axle Weight with fully loaded implement attached _____

Front Static Tire Load = Front Weight/Number of Front Tires = _____

Rear Static Tire Load = Rear Weight/Number of Rear Tires = _____

From the appropriate inflation pressure tables,

Required Front Tire Inflation Pressure _____ Required Rear Tire Inflation Pressure _____

4. DETERMINE HOP CONTROL INFLATION PRESSURE

If power hop occurs, raise front inflation pressure by 8 psi. Usually 8 psi above correct inflation pressure for the load will suffice. If power hop is not eliminated, further front tire inflation pressure increases in 2 psi increments is advised until hop is eliminated. Rear tire inflation pressures should remain at the correct pressures for the load. The maximum front pressure should not exceed 6 psi above the maximum rated pressure for the tire (radial or bias). If tractor still hops, use 75% liquid fill in front tires and remove an equivalent amount (or more) of front cast ballast.

Required Hop Control Front Tire Inflation Pressure _____

Required Hop Control Rear Tire Inflation Pressure _____

Comments _____

Please send a copy of this sheet along with comments to Farm Tire Eng., Titan Tire Corporation, 3769 Route 20 East, Freeport, IL 61032.

OPTIMUM TRACTOR TIRE PERFORMANCE WORKSHEET — 4WD TRACTORS

1. DETERMINE INITIAL VALUES: DATE_____

Farmer Name _____Address_____ PH (_____) _____

Tractor Make & Model _____ Engine-HP _____ Implement used_____

Front Tire Size _____ singles duals triples Front Ply/Star Rating_____liquid fill none 25% 40% 75% _____

Rear Tire Size _____ singles duals triples Rear Ply/Star Rating _____liquid fill none 25% 40% 75% _____

Front Tractor Axle Weight_____ Front Weight/Total Weight = _____ %. Rear Tractor Axle Weight_____ Rear Weight/Total Weight =_____ %.

Total Weight _____Total Weight/Engine-HP = _____ #/Engine-HP

Weight should be 85-125 pounds per engine horsepower. For towed implements, use 51-55% on front axle. For hitch-mounted implements, use 55-60% on front axle. For towed implements with very high downward loads on drawbars, use 55-65%.

2. ADJUST WEIGHT & WEIGHT SPLIT IF NECESSARY

(Comments: _____)

Front weight added: (cast/liquid)_____Front Tractor Axle Weight_____ Front Weight/Total Wt. =_____%

Rear weight added: (cast/liquid) _____Rear Tractor Axle Weight _____ Rear Weight/Total Wt. = _____%

Total Weight _____ Total Weight/Engine-HP =_____

3. DETERMINE CORRECT INFLATION PRESSURE FOR THE LOAD

For 4WD Tractors with Standard Towed High Draft Implements (Disks, Chisel Plows, Field Cultivators, Mulch Tillers, Towed Rippers, etc.)

Front Tractor Axle Weight_____ Rear Tractor Axle Weight_____ or

For 4WD Tractors with Rear Hitch-Mounted Implements (Rollover Plows, PTO Rototillers, Mounted Rippers, Row Crop Cultivators, etc.)

Front Tractor Axle Weight with implement lowered_____

Rear Tractor Axle Weight with implement attached and raised _____ or

For 4WD Tractors with Towed Implements That Impose High Downward Loads on Tractor Drawbars (Scrapers, Potato and Beet Harvesters, Grain Carts, Slurry Tanks, etc.)

Front Tractor Axle Weight with implement detached _____

Rear Tractor Axle Weight with fully loaded implement attached _____

Front Static Tire Load = Front Weight/Number of Front Tires = _____

Rear Static Tire Load = Rear Weight/Number of Rear Tires =_____

From the appropriate inflation pressure tables,

Required Front Tire Inflation Pressure _____

Required Rear Tire Inflation Pressure_____

4. Determine Hop Control Inflation Pressure

If power hop occurs, raise the rear inflation pressure by 8 psi above the correct inflation pressure for the tire load. If powerhop is not eliminated, further rear tire inflation pressure increases in 2 psi increments is advised until hop is eliminated. The maximum pressure should not exceed 6 psi above the maximum rated pressure for the tire (radial or bias). If raising the rear pressure fails to control hop, then reset the rear tires to the correct pressure for the load and raise the fronts. It is very important that one of the two axles remain at the correct pressure for its load. If liquid is used in the rear, raising rear pressures usually works best.

Required Hop Control Front Tire Inflation Pressure _____

Required Hop Control Rear Tire Inflation Pressure_____

Comments _____

Please send a copy of this sheet along with comments to Farm Tire Eng., Titan Tire Corporation, 3769 Route 20 East, Freeport, IL 61032.

LSW Conversion Chart

LSW		CONVENTIONAL	
TIRE SIZE	RIM SIZE	TIRE SIZE	RIM SIZE
Agricultural			
LSW375-851	851x305LSW	14.9-24	24x12
LSW420-648	648x356LSW	16.5L-16.1	16.1x14
LSW375R1410	1410x305LSW	14.9R46	46x12
LSW430R953	953x381LSW	16.9R30	30x15
LSW430R38	38x14	16.9R38	38x14
LSW495-826	826x406LSW	19.5L-24	24x16
LSW525R1257	1257x457LSW	20.8R42	42x18
LSW525R50	50x18	20.8R50	50x18
LSW570-648	648x457LSW	22.5LL-16.1	16.1x18
LSW1100R1181	1181x483LSW	1100/4R46.5	46.5x38
LSW1100/45R46	46x38	1100/45R46	46x38
LSW610R470	470x483LSW	40x24.00x18.5	18.5x19
LSW900R965	38x30	35.5R32	32x30
Industrial			
LSW165-241	241x137LSW	16x6.50-8 NHS	8x5.375
LSW265-343	343x229LSW	23x10.50-12 NHS	12x8.5
LSW265-521	521x210LSW	10-16.5 NHS	16.5x8.25
LSW305-546	546x248LSW	12-16.5 NHS	16.8x19.75
LSW350-597	597x267LSW	14-17.5 NHS	17.5x10.5
LSW385-648	648x317LSW	15-19.5 NHS	19.5x12.25
LSW305R343	343x229LSW	25x12.00-9 NHS	9x9.5
OTR			
LSW330-851	851x254LSW	13.00-24 TG	24x10

Metric Conversion

Metric	English
230	8.3
250	9.5
290	11.2
320	12.4
340	13.6
380	14.9
420	16.9
480	18.4
520	20.8
600/620	23.1
650	24.5
710/750	28.0
800/850	30.5
900	35.5
1000	44+
1250	50+

LOAD & INFLATION TABLE

Radial Ply - Symbol Marked
Conventional Size Agricultural Tractor Drive Wheel Tires
Used In Field Service And Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)															
TIRE SIZE	INFLATION (PSI)	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
	SYMBOL							★			★★			★★★			★★★★
9.5R24	LOAD INDEX							95			101			107			
SINGLE (LBS)		805	965	1100	1200	1320	1430	1520	1650	1710	1820	1930	1980	2150			
DUAL (LBS)		710	850	970	1060	1160	1260	1340	1450	1500	1600	1700	1740	1840			
TRIPLE (LBS)		660	790	900	980	1080	1170	1250	1350	1400	1490	1580	1620	1710			
11.2R20	LOAD INDEX							98			103			108			
SINGLE (LBS)		855	1020	1170	1280	1430	1520	1650	1760	1820	1930	2040	2090	2200			
DUAL (LBS)		750	900	1030	1130	1260	1340	1450	1550	1600	1700	1800	1840	1940			
TRIPLE (LBS)		700	840	960	1050	1170	1250	1350	1440	1490	1580	1670	1710	1800			
11.2R24	LOAD INDEX							102			108			113			
SINGLE (LBS)		990	1170	1320	1480	1610	1760	1870	1980	2090	2200	2340	2400	2540			
DUAL (LBS)		870	1030	1160	1300	1420	1550	1650	1740	1840	1940	2060	2110	2240			
TRIPLE (LBS)		810	960	1080	1210	1320	1440	1530	1620	1710	1800	1920	1970	2080			
12.4R20	LOAD INDEX							104			110			115			
SINGLE (LBS)		1050	1230	1390	1570	1710	1820	1980	2090	2200	2340	2470	2540	2680			
DUAL (LBS)		920	1080	1220	1380	1500	1600	1740	1840	1940	2060	2170	2240	2360			
TRIPLE (LBS)		860	1010	1140	1290	1400	1490	1620	1710	1800	1920	2030	2080	2200			
12.4R24	LOAD INDEX							108			114			119			122
SINGLE (LBS)		1170	1390	1570	1760	1930	2090	2200	2340	2540	2600	2760	2910	3000	3080	3200	3300
DUAL (LBS)		1030	1220	1380	1550	1700	1840	1940	2060	2240	2290	2430	2560	2640	2710	2820	2900
TRIPLE (LBS)		960	1140	1290	1440	1580	1710	1800	1920	2080	2130	2260	2390	2460	2530	2620	2710
12.4R28	LOAD INDEX							111			117			121			
SINGLE (LBS)		1230	1480	1710	1870	2040	2200	2400	2540	2680	2830	2910	3080	3200			
DUAL (LBS)		1080	1300	1500	1650	1800	1940	2110	2240	2360	2490	2560	2710	2820			
TRIPLE (LBS)		1010	1210	1400	1530	1670	1800	1970	2080	2200	2320	2390	2530	2620			
12.4R32	LOAD INDEX							113			119			123			
SINGLE (LBS)		1320	1570	1820	1980	2200	2340	2540	2680	2830	3000	3080	3300	3420			
DUAL (LBS)		1160	1380	1600	1740	1940	2060	2240	2360	2490	2640	2710	2900	3010			
TRIPLE (LBS)		1080	1290	1490	1620	1800	1920	2080	2200	2320	2460	2530	2710	2800			
13.6R24	LOAD INDEX							114			121			124			
SINGLE (LBS)		1390	1650	1870	2090	2270	2470	2600	2760	3000	3200	3300	3420	3520			
DUAL (LBS)		1220	1450	1650	1840	2000	2170	2290	2430	2640	2710	2900	3010	3100			
TRIPLE (LBS)		1140	1350	1530	1710	1860	2030	2130	2260	2460	2530	2710	2800	2890			
13.6R28	LOAD INDEX							117			123			126			
SINGLE (LBS)		1480	1760	1980	2200	2400	2600	2830	3000	3200	3420	3520	3640	3740			
DUAL (LBS)		1300	1550	1740	1940	2110	2290	2490	2640	2820	2900	3100	3200	3290			
TRIPLE (LBS)		1210	1440	1620	1800	1970	2130	2320	2460	2620	2710	2890	2980	3070			
13.6R36	LOAD INDEX							121			127			131			
SINGLE (LBS)		1650	1980	2270	2470	2760	2910	3200	3420	3520	3860	3960	4080	4300			
DUAL (LBS)		1450	1740	2000	2170	2430	2560	2820	3010	3100	3290	3480	3590	3780			
TRIPLE (LBS)		1350	1620	1860	2030	2260	2390	2620	2800	2890	3070	3250	3350	3530			

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply - Symbol Marked
Conventional Size Agricultural Tractor Drive Wheel Tires
Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 50 KPH		TIRE LOAD LIMITS (KG) AT VARIOUS COLD INFLATION PRESSURES (KPA)															
TIRE SIZE	INFLATION (KPA)	40	60	70	80	100	110	120	140	150	160	180	190	210	220	230	250
	INFLATION (BAR)	0.4	0.6	0.7	0.8	1	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.3	2.5
	SYMBOL							★			★★			★★★			★★★★
9.5R24	LOAD INDEX							95			101			107			
SINGLE (KG)		365	437	500	545	600	650	690	750	775	825	875	900	975			
DUAL (KG)		320	385	440	480	530	570	605	660	680	725	770	790	860			
TRIPLE (KG)		300	360	410	445	490	535	565	615	635	675	720	740	800			
11.2R20	LOAD INDEX							98			103			108			
SINGLE (KG)		387	462	530	580	650	690	750	800	825	875	925	950	1000			
DUAL (KG)		340	405	465	510	570	605	660	705	725	770	815	835	880			
TRIPLE (KG)		315	380	435	475	535	565	615	655	675	720	760	780	820			
11.2R24	LOAD INDEX							102			108			113			
SINGLE (KG)		450	530	600	670	730	800	850	900	950	1000	1060	1090	1150			
DUAL (KG)		395	465	530	590	640	705	750	790	835	880	935	960	1010			
TRIPLE (KG)		370	435	490	550	600	655	695	740	780	820	870	895	945			
12.4R20	LOAD INDEX							104			110			115			
SINGLE (KG)		475	560	630	710	775	825	900	950	1000	1060	1120	1150	1215			
DUAL (KG)		420	495	555	625	680	725	790	835	880	935	985	1010	1070			
TRIPLE (KG)		390	460	515	580	635	675	740	780	820	870	920	945	995			
12.4R24	LOAD INDEX							108			114			119			122
SINGLE (KG)		530	630	710	800	875	950	1000	1060	1150	1180	1250	1320	1360	1400	1450	1500
DUAL (KG)		465	555	625	705	770	835	880	935	1010	1040	1100	1160	1195	1230	1275	1320
TRIPLE (KG)		435	515	580	655	720	780	820	870	945	970	1025	1080	1115	1150	1190	1230
12.4R28	LOAD INDEX							111			117			121			
SINGLE (KG)		560	670	775	850	925	1000	1090	1150	1215	1285	1320	1400	1450			
DUAL (KG)		495	590	680	750	815	880	960	1010	1070	1130	1160	1230	1275			
TRIPLE (KG)		460	550	635	695	760	820	895	945	995	1055	1080	1150	1190			
12.4R32	LOAD INDEX							113			119			123			
SINGLE (KG)		600	710	825	900	1000	1060	1150	1215	1285	1360	1400	1500	1550			
DUAL (KG)		530	625	725	790	880	935	1010	1070	1130	1195	1230	1320	1365			
TRIPLE (KG)		490	580	675	740	820	870	945	995	1055	1115	1150	1230	1270			
13.6R24	LOAD INDEX							114			121			124			
SINGLE (KG)		630	750	850	950	1030	1120	1180	1250	1360	1450	1500	1550	1600			
DUAL (KG)		555	660	750	835	905	985	1040	1100	1195	1275	1320	1365	1410			
TRIPLE (KG)		515	615	695	780	845	920	970	1025	1115	1190	1230	1270	1310			
13.6R28	LOAD INDEX							117			123			126			
SINGLE (KG)		670	800	900	1000	1090	1180	1285	1360	1450	1550	1600	1650	1700			
DUAL (KG)		590	705	790	880	960	1040	1130	1195	1275	1365	1410	1450	1495			
TRIPLE (KG)		550	655	740	820	895	970	1055	1115	1190	1270	1310	1355	1395			
13.6R36	LOAD INDEX							121			127			131			
SINGLE (KG)		750	900	1030	1120	1250	1320	1450	1550	1600	1750	1800	1850	1950			
DUAL (KG)		660	790	905	985	1100	1160	1275	1365	1410	1540	1585	1630	1715			
TRIPLE (KG)		615	740	845	920	1025	1080	1190	1270	1310	1435	1475	1515	1600			

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply - Symbol Marked
Conventional Size Agricultural Tractor Drive Wheel Tires
Used In Field Service And Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)															
TIRE SIZE	INFLATION (PSI)	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
	SYMBOL							★			★★			★★★			★★★★
13.6R38	LOAD INDEX							122			128			132			
SINGLE (LBS)		1710	2040	2270	2540	2830	3000	3300	3420	3640	3960	4080	4180	4400			
DUAL (LBS)		1500	1800	2000	2240	2490	2640	2900	3010	3200	3400	3590	3680	3870			
TRIPLE (LBS)		1400	1670	1860	2080	2320	2460	2710	2800	2980	3170	3350	3430	3610			
14.9R24	LOAD INDEX							120			126			130			
SINGLE (LBS)		1650	1930	2200	2470	2680	2910	3080	3300	3520	3740	3860	4080	4180			
DUAL (LBS)		1450	1700	1940	2170	2360	2560	2710	2900	3100	3290	3400	3590	3680			
TRIPLE (LBS)		1350	1580	1800	2030	2200	2390	2530	2710	2890	3070	3170	3350	3430			
14.9R26	LOAD INDEX							121			127			132			
SINGLE (LBS)		1710	2040	2270	2540	2760	3000	3200	3420	3640	3860	3960	4180	4400			
DUAL (LBS)		1500	1800	2000	2240	2430	2640	2820	3010	3200	3400	3480	3680	3870			
TRIPLE (LBS)		1400	1670	1860	2080	2260	2460	2620	2800	2980	3170	3250	3430	3610			
14.9R28	LOAD INDEX							122			128			133			
SINGLE (LBS)		1760	2090	2340	2600	2910	3080	3300	3520	3740	3960	4180	4300	4540			
DUAL (LBS)		1550	1840	2060	2290	2560	2710	2900	3100	3290	3480	3680	3780	4000			
TRIPLE (LBS)		1440	1710	1920	2130	2390	2530	2710	2890	3070	3250	3430	3530	3720			
14.9R30	LOAD INDEX							123			129			134			
SINGLE (LBS)		1820	2150	2470	2680	3000	3200	3420	3640	3860	4080	4300	4400	4680			
DUAL (LBS)		1600	1890	2170	2360	2640	2820	3010	3200	3400	3590	3780	3870	4120			
TRIPLE (LBS)		1490	1760	2030	2200	2460	2620	2800	2980	3170	3350	3530	3610	3840			
14.9R34	LOAD INDEX							125			131			136			
SINGLE (LBS)		1930	2270	2600	2910	3200	3420	3640	3860	4080	4300	4540	4680	4940			
DUAL (LBS)		1700	2000	2290	2560	2820	3010	3200	3400	3590	3780	4000	4120	4350			
TRIPLE (LBS)		1580	1860	2130	2390	2620	2800	2980	3170	3350	3530	3720	3840	4050			
14.9R46	LOAD INDEX							131			137			142			145
SINGLE (LBS)		2270	2680	3080	3420	3740	3960	4300	4540	4800	5080	5360	5520	5840	6000	6150	6400
DUAL (LBS)		2000	2360	2710	3010	3290	3480	3780	4000	4220	4470	4720	4860	5140	5280	5410	5630
TRIPLE (LBS)		1860	2200	2530	2800	3070	3250	3530	3720	3940	4170	4400	4530	4790	4920	5040	5250
15.5R38	LOAD INDEX							125			131			136			
SINGLE (LBS)		1930	2270	2600	2910	3200	3420	3640	3860	4080	4300	4540	4680	4940			
DUAL (LBS)		1700	2000	2290	2560	2820	3010	3200	3400	3590	3780	4000	4120	4350			
TRIPLE (LBS)		1580	1860	2130	2390	2620	2800	2980	3170	3350	3530	3720	3840	4050			
16.9R24	LOAD INDEX							126			134			137			
SINGLE (LBS)		1980	2340	2680	3000	3300	3520	3740	4080	4300	4680	4720	4940	5080			
DUAL (LBS)		1740	2060	2360	2640	2900	3100	3290	3590	3780	4000	4120	4350	4470			
TRIPLE (LBS)		1620	1920	2200	2460	2710	2890	3070	3350	3530	3720	3840	4050	4170			
16.9R26	LOAD INDEX							128			135			139			
SINGLE (LBS)		2040	2470	2760	3080	3420	3640	3960	4180	4400	4800	4800	5080	5360			
DUAL (LBS)		1800	2170	2430	2710	3010	3200	3480	3680	3870	4120	4220	4470	4720			
TRIPLE (LBS)		1670	2030	2260	2530	2800	2980	3250	3430	3610	3840	3940	4170	4400			

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply - Symbol Marked
Conventional Size Agricultural Tractor Drive Wheel Tires
Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 50 KPH		TIRE LOAD LIMITS (KG) AT VARIOUS COLD INFLATION PRESSURES (KPA)															
TIRE SIZE	INFLATION (KPA)	40	60	70	80	100	110	120	140	150	160	180	190	210	220	230	250
	INFLATION (BAR)	0.4	0.6	0.7	0.8	1	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.3	2.5
	SYMBOL							★			★★			★★★			★★★★
13.6R38	LOAD INDEX							122			128			132			
SINGLE (KG)		775	925	1030	1150	1285	1360	1500	1550	1650	1800	1850	1900	2000			
DUAL (KG)		680	815	905	1010	1130	1195	1320	1365	1450	1585	1630	1670	1760			
TRIPLE (KG)		635	760	845	945	1055	1115	1230	1270	1355	1475	1515	1560	1640			
14.9R24	LOAD INDEX							120			126			130			
SINGLE (KG)		750	875	1000	1120	1215	1320	1400	1500	1600	1700	1750	1850	1900			
DUAL (KG)		660	770	880	985	1070	1160	1230	1320	1410	1495	1540	1630	1670			
TRIPLE (KG)		615	720	820	920	995	1080	1150	1230	1310	1395	1435	1515	1560			
14.9R26	LOAD INDEX							121			127			132			
SINGLE (KG)		775	925	1030	1150	1250	1360	1450	1550	1650	1750	1800	1900	2000			
DUAL (KG)		680	815	905	1010	1100	1195	1275	1365	1450	1540	1585	1670	1760			
TRIPLE (KG)		635	760	845	945	1025	1115	1190	1270	1355	1435	1475	1560	1640			
14.9R28	LOAD INDEX							122			128			133			
SINGLE (KG)		800	950	1060	1180	1320	1400	1500	1600	1700	1800	1900	1950	2060			
DUAL (KG)		705	835	935	1040	1160	1230	1320	1410	1495	1585	1670	1715	1815			
TRIPLE (KG)		655	780	870	970	1080	1150	1230	1310	1395	1475	1560	1600	1690			
14.9R30	LOAD INDEX							123			129			134			
SINGLE (KG)		825	975	1120	1215	1360	1450	1550	1650	1750	1850	1950	2000	2120			
DUAL (KG)		725	860	985	1070	1195	1275	1365	1450	1540	1630	1715	1760	1865			
TRIPLE (KG)		675	800	920	995	1115	1190	1270	1355	1435	1515	1600	1640	1740			
14.9R34	LOAD INDEX							125			131			136			
SINGLE (KG)		875	1030	1180	1320	1450	1550	1650	1750	1850	1950	2060	2120	2240			
DUAL (KG)		770	905	1040	1160	1275	1365	1450	1540	1630	1715	1815	1865	1970			
TRIPLE (KG)		720	845	970	1080	1190	1270	1355	1435	1515	1600	1690	1740	1835			
14.9R46	LOAD INDEX							131			137			142			145
SINGLE (KG)		1030	1215	1400	1550	1700	1800	1950	2060	2180	2300	2430	2500	2650	2725	2800	2900
DUAL (KG)		905	1070	1230	1365	1495	1585	1715	1815	1920	2025	2140	2200	2330	2400	2465	2550
TRIPLE (KG)		845	995	1150	1270	1395	1475	1600	1690	1790	1885	1995	2050	2175	2235	2295	2380
15.5R38	LOAD INDEX							125			131			136			
SINGLE (KG)		875	1030	1180	1320	1450	1550	1650	1750	1850	1950	2060	2120	2240			
DUAL (KG)		770	905	1040	1160	1275	1365	1450	1540	1630	1715	1815	1865	1970			
TRIPLE (KG)		720	845	970	1080	1190	1270	1355	1435	1515	1600	1690	1740	1835			
16.9R24	LOAD INDEX							126			134			137			
SINGLE (KG)		900	1060	1215	1360	1500	1600	1700	1850	1950	2120	2140	2240	2300			
DUAL (KG)		790	935	1070	1195	1320	1410	1495	1630	1715	1865	1885	1970	2025			
TRIPLE (KG)		740	870	995	1115	1230	1310	1395	1515	1600	1740	1755	1835	1885			
16.9R26	LOAD INDEX							128			135			139			
SINGLE (KG)		925	1120	1250	1400	1550	1650	1800	1900	2000	2180	2180	2300	2430			
DUAL (KG)		815	985	1100	1230	1365	1450	1585	1670	1760	1920	1920	2025	2140			
TRIPLE (KG)		760	920	1025	1150	1270	1355	1475	1560	1640	1790	1790	1885	1995			

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply - Symbol Marked
Conventional Size Agricultural Tractor Drive Wheel Tires
Used In Field Service And Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)															
TIRE SIZE	INFLATION (PSI)	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
	SYMBOL							★			★★			★★★			★★★★
16.9R28	LOAD INDEX							129			136			140			
SINGLE (LBS)		2150	2540	2910	3200	3520	3740	4080	4300	4540	4940	5080	5200	5520			
DUAL (LBS)		1890	2240	2560	2820	3100	3290	3590	3780	4000	4220	4470	4580	4860			
TRIPLE (LBS)		1760	2080	2390	2620	2890	3070	3350	3530	3720	3940	4170	4260	4530			
16.9R30	LOAD INDEX							130			137			141		143	145
SINGLE (LBS)		2200	2600	3000	3300	3640	3860	4180	4400	4680	5080	5200	5360	5680	5840	6000	6400
DUAL (LBS)		1940	2290	2640	2900	3200	3400	3680	3870	4120	4350	4580	4720	5000	5140	5280	5630
TRIPLE (LBS)		1800	2130	2460	2710	2980	3170	3430	3610	3840	4050	4260	4400	4660	4790	4920	5250
16.9R34	LOAD INDEX							132			139			143			
SINGLE (LBS)		2340	2760	3200	3520	3860	4180	4400	4680	4940	5360	5520	5680	6000			
DUAL (LBS)		2060	2430	2820	3100	3400	3680	3870	4120	4350	4580	4860	5000	5280			
TRIPLE (LBS)		1920	2260	2620	2890	3170	3430	3610	3840	4050	4260	4530	4660	4920			
16.9R38	LOAD INDEX							134			141			145			
SINGLE (LBS)		2470	2910	3300	3740	4080	4400	4680	4940	5360	5680	5840	6150	6400			
DUAL (LBS)		2170	2560	2900	3290	3590	3870	4120	4350	4720	4860	5140	5410	5630			
TRIPLE (LBS)		2030	2390	2710	3070	3350	3610	3840	4050	4400	4530	4790	5040	5250			
18.4R26	LOAD INDEX							134			140			145	146		150
SINGLE (LBS)		2470	2910	3300	3740	4080	4400	4680	4940	5360	5520	5840	6150	6400	6600		7850
DUAL (LBS)		2170	2560	2900	3290	3590	3870	4120	4350	4720	4860	5140	5410	5630	5810		6910
TRIPLE (LBS)		2030	2390	2710	3070	3350	3610	3840	4050	4400	4530	4790	5040	5250	5410		6440
18.4R30	LOAD INDEX							136			143			147			
SINGLE (LBS)		2600	3080	3520	3960	4300	4680	4940	5360	5680	6000	6150	6400	6800			
DUAL (LBS)		2290	2710	3100	3480	3780	4120	4350	4720	5000	5280	5410	5630	5980			
TRIPLE (LBS)		2130	2530	2890	3250	3530	3840	4050	4400	4660	4920	5040	5250	5580			
18.4R34	LOAD INDEX							139			144			149			
SINGLE (LBS)		2830	3300	3740	4180	4540	4940	5360	5680	6000	6150	6600	6950	7150			
DUAL (LBS)		2490	2900	3290	3680	4000	4350	4720	5000	5280	5630	5810	6120	6290			
TRIPLE (LBS)		2320	2710	3070	3430	3720	4050	4400	4660	4920	5250	5410	5700	5860			
18.4R38	LOAD INDEX							141			146			151			
SINGLE (LBS)		3000	3520	3960	4400	4800	5200	5680	6000	6400	6600	6950	7400	7600			
DUAL (LBS)		2640	3100	3480	3870	4220	4580	5000	5280	5630	5810	6120	6510	6690			
TRIPLE (LBS)		2460	2890	3250	3610	3940	4260	4660	4920	5250	5410	5700	6070	6230			
18.4R42	LOAD INDEX							143			148			153			
SINGLE (LBS)		3080	3740	4180	4680	5080	5520	6000	6400	6600	6950	7400	7600	8050			
DUAL (LBS)		2710	3290	3680	4120	4470	4860	5280	5630	5810	6120	6510	6690	7080			
TRIPLE (LBS)		2530	3070	3430	3840	4170	4530	4920	5250	5410	5700	6070	6230	6600			
18.4R46	LOAD INDEX							144			150			155			
SINGLE (LBS)		3300	3860	4400	4940	5360	5840	6150	6600	6950	7400	7850	8050	8550			
DUAL (LBS)		2900	3400	3870	4350	4720	5140	5410	5810	6120	6510	6910	7080	7520			
TRIPLE (LBS)		2710	3170	3610	4050	4400	4790	5040	5410	5700	6070	6440	6600	7010			

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply - Symbol Marked
Conventional Size Agricultural Tractor Drive Wheel Tires
Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 50 KPH		TIRE LOAD LIMITS (KG) AT VARIOUS COLD INFLATION PRESSURES (KPA)															
TIRE SIZE	INFLATION (KPA)	40	60	70	80	100	110	120	140	150	160	180	190	210	220	230	250
	INFLATION (BAR)	0.4	0.6	0.7	0.8	1	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.3	2.5
	SYMBOL							★			★★			★★★			★★★★
16.9R28	LOAD INDEX							129			136			140			
SINGLE (KG)		975	1150	1320	1450	1600	1700	1850	1950	2060	2240	2300	2360	2500			
DUAL (KG)		860	1010	1160	1275	1410	1495	1630	1715	1815	1970	2025	2075	2200			
TRIPLE (KG)		800	945	1080	1190	1310	1395	1515	1600	1690	1835	1885	1935	2050			
16.9R30	LOAD INDEX							130			137			141		143	145
SINGLE (KG)		1000	1180	1360	1500	1650	1750	1900	2000	2120	2300	2360	2430	2575	2650	2725	2900
DUAL (KG)		880	1040	1195	1320	1450	1540	1670	1760	1865	2025	2075	2140	2265	2330	2400	2550
TRIPLE (KG)		820	970	1115	1230	1355	1435	1560	1640	1740	1885	1935	1995	2110	2175	2235	2380
16.9R34	LOAD INDEX							132			139			143			
SINGLE (KG)		1060	1250	1450	1600	1750	1900	2000	2120	2240	2430	2500	2575	2725			
DUAL (KG)		935	1100	1275	1410	1540	1670	1760	1865	1970	2140	2200	2265	2400			
TRIPLE (KG)		870	1025	1190	1310	1435	1560	1640	1740	1835	1995	2050	2110	2235			
16.9R38	LOAD INDEX							134			141			145	146		150
SINGLE (KG)		1120	1320	1500	1700	1850	2000	2120	2240	2430	2575	2650	2800	2900	3000		3570
DUAL (KG)		985	1160	1320	1495	1630	1760	1865	1970	2140	2265	2330	2465	2550	2640		3140
TRIPLE (KG)		920	1080	1230	1395	1515	1640	1740	1835	1995	2110	2175	2295	2380	2460		2930
18.4R26	LOAD INDEX							134			140			145			
SINGLE (KG)		1120	1320	1500	1700	1850	2000	2120	2240	2430	2500	2650	2800	2900			
DUAL (KG)		985	1160	1320	1495	1630	1760	1865	1970	2140	2200	2330	2465	2550			
TRIPLE (KG)		920	1080	1230	1395	1515	1640	1740	1835	1995	2050	2175	2295	2380			
18.4R30	LOAD INDEX							136			143			147			
SINGLE (KG)		1180	1400	1600	1800	1950	2120	2240	2430	2575	2725	2800	2900	3075			
DUAL (KG)		1040	1230	1410	1585	1715	1865	1970	2140	2265	2400	2465	2550	2705			
TRIPLE (KG)		970	1150	1310	1475	1600	1740	1835	1995	2110	2235	2295	2380	2520			
18.4R34	LOAD INDEX							139			144			149			
SINGLE (KG)		1285	1500	1700	1900	2060	2240	2430	2575	2725	2800	3000	3150	3250			
DUAL (KG)		1130	1320	1495	1670	1815	1970	2140	2265	2400	2465	2640	2770	2860			
TRIPLE (KG)		1055	1230	1395	1560	1690	1835	1995	2110	2235	2295	2460	2585	2665			
18.4R38	LOAD INDEX							141			146			151			
SINGLE (KG)		1360	1600	1800	2000	2180	2360	2575	2725	2900	3000	3150	3350	3450			
DUAL (KG)		1195	1410	1585	1760	1920	2075	2265	2400	2550	2640	2770	2950	3035			
TRIPLE (KG)		1115	1310	1475	1640	1790	1935	2110	2235	2380	2460	2585	2745	2830			
18.4R42	LOAD INDEX							143			148			153			
SINGLE (KG)		1400	1700	1900	2120	2300	2500	2725	2900	3000	3150	3350	3450	3650			
DUAL (KG)		1230	1495	1670	1865	2025	2200	2400	2550	2640	2770	2950	3035	3210			
TRIPLE (KG)		1150	1395	1560	1740	1885	2050	2235	2380	2460	2585	2745	2830	2995			
18.4R46	LOAD INDEX							144			150			155			
SINGLE (KG)		1500	1750	2000	2240	2430	2650	2800	3000	3150	3350	3550	3650	3875			
DUAL (KG)		1320	1540	1760	1970	2140	2330	2465	2640	2770	2950	3125	3210	3410			
TRIPLE (KG)		1230	1435	1640	1835	1995	2175	2295	2460	2585	2745	2910	2995	3180			

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply - Symbol Marked
Conventional Size Agricultural Tractor Drive Wheel Tires
Used In Field Service And Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)															
TIRE SIZE	INFLATION (PSI)	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
	SYMBOL							★			★★			★★★			★★★★
20.8R34	LOAD INDEX							145			151			156			
SINGLE (LBS)		3420	3960	4540	5080	5520	6000	6400	6800	7150	7600	8050	8250	8800			
DUAL (LBS)		3010	3480	4000	4470	4860	5280	5630	5980	6290	6690	7080	7260	7740			
TRIPLE (LBS)		2800	3250	3720	4170	4530	4920	5250	5580	5860	6230	6600	6770	7220			
20.8R38	LOAD INDEX							147			153	155		157			
SINGLE (LBS)		3640	4300	4800	5360	5840	6400	6800	7150	7600	8050	8550	8800	9100			
DUAL (LBS)		3200	3780	4220	4720	5140	5630	5980	6290	6690	7080	7520	7740	8010			
TRIPLE (LBS)		2980	3530	3940	4400	4790	5250	5580	5860	6230	6600	7010	7220	7460			
20.8R42	LOAD INDEX							149			155			159			
SINGLE (LBS)		3740	4540	5080	5680	6150	6800	7150	7600	8050	8550	8800	9350	9650			
DUAL (LBS)		3290	4000	4470	5000	5410	5980	6290	6690	7080	7520	7740	8230	8490			
TRIPLE (LBS)		3070	3720	4170	4660	5040	5580	5860	6230	6600	7010	7220	7670	7910			
23.1R26	LOAD INDEX							147			153		156	157			161
SINGLE (LBS)		3520	4180	4800	5360	5840	6400	6800	7150	7600	8050	8250	8800	9100	9350	9650	10200
DUAL (LBS)		3100	3680	4220	4720	5140	5630	5980	6290	6690	7080	7260	7740	8010	8230	8490	8980
TRIPLE (LBS)		2890	3430	3940	4400	4790	5250	5580	5860	6230	6600	6770	7220	7460	7670	7910	8360
23.1R30	LOAD INDEX							149			155			159			163[3]
SINGLE (LBS)		3740	4400	5080	5680	6150	6600	7150	7600	8050	8550	8800	9350	9650	9900	10500	10700
DUAL (LBS)		3290	3870	4470	5000	5410	5810	6290	6690	7080	7520	7740	8230	8490	8710	9240	9420
TRIPLE (LBS)		3070	3610	4170	4660	5040	5410	5860	6230	6600	7010	7220	7670	7910	8120	8610	8770
24.5R32	LOAD INDEX							154			159			164			
SINGLE (LBS)		4300	5080	5840	6400	7150	7600	8250	8800	9100	9650	10200	10500	11000			
DUAL (LBS)		3780	4470	5140	5630	6290	6690	7260	7740	8010	8490	8980	9240	9680			
TRIPLE (LBS)		3530	4170	4790	5250	5860	6230	6770	7220	7460	7910	8360	8610	9020			
28LR26	LOAD INDEX							152			157			162			166 #[1,2]
SINGLE (LBS)		4080	4800	5520	6150	6800	7400	7850	8250	8800	9100	9650	10200	10500	11000	11400	11700
DUAL (LBS)		3590	4220	4860	5410	5980	6510	6910	7260	7740	8010	8490	8980	9240	9680	10030	10300
TRIPLE (LBS)		3350	3940	4530	5040	5580	6070	6440	6770	7220	7460	7910	8360	8610	9020	9350	9590
30.5LR32	LOAD INDEX							159			166			170			181[4]
SINGLE (LBS)		5080	6150	6950	7600	8550	9100	9650	10500	11000	11700	12000	12800	13200			18200
DUAL (LBS)		4470	5410	6120	6690	7520	8010	8490	9240	9680	10300	10560	11260	11620			16010
TRIPLE (LBS)		4170	5040	5700	6230	7010	7460	7910	8610	9020	9590	9840	10500	10820			14920

LI 169 (12,800 LBS.) @41PSI
1) 169 (12,800) @42PSI
2) 174 (14,800) @54PSI
3) 168 (12,300) @46PSI
4) 181 (18,200) @52PSI

MAXIMUM SPEED	% CHANGE in Loads in above table
10 MPH	+34% (except Hillside Combines)
15 MPH	+11% (except Hillside Combines)
20 MPH	+7%
25 MPH	NONE
30 MPH	NONE

NOTES:
1. For shipping purposes, tire inflation pressures may be increased to 30 psi (consult tire manufacturer for minimum tire shipping pressure). Inflation pressure must be reduced to operating inflation before the tractor is removed from the carrier.
2. For above tires used in cyclic loading service, the loads maybe increased by 70% for 6 mph (10Km/h) applications and 55% for 10 mph (15Km/h) applications with an increase in inflation pressures of up to 25% with a minimum of + 40 kPa (6psi) and a maximum of + 80 kPa (12psi).
3. For transport service and operations which do not require sustained high torque, the following load limits (table at left) at various speeds apply with no change in inflation pressure.
4. When used as duals tire load must be reduced. Multiply figures in table by .88.
5. When used as triples tire load must be reduced. Multiply figures in table by .82.
6. The above loads are also applicable to equipment, including hillside combines, operating on 11 degree (20 percent grade). Load adjustments of note three below 20 mph do not apply.

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply - Symbol Marked
Conventional Size Agricultural Tractor Drive Wheel Tires
Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 50 KPH		TIRE LOAD LIMITS (KG) AT VARIOUS COLD INFLATION PRESSURES (KPA)															
TIRE SIZE	INFLATION (KPA)	40	60	70	80	100	110	120	140	150	160	180	190	210	220	230	250
	INFLATION (BAR)	0.4	0.6	0.7	0.8	1	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.3	2.5
	SYMBOL							★			★★			★★★			★★★★
20.8R34	LOAD INDEX							145			151			156			
SINGLE (KG)		1550	1800	2060	2300	2500	2725	2900	3075	3250	3450	3650	3750	4000			
DUAL (KG)		1365	1585	1815	2025	2200	2400	2550	2705	2860	3035	3210	3300	3520			
TRIPLE (KG)		1270	1475	1690	1885	2050	2235	2380	2520	2665	2830	2995	3075	3280			
20.8R38	LOAD INDEX							147			153	155		157			
SINGLE (KG)		1650	1950	2180	2430	2650	2900	3075	3250	3450	3650	3875	4000	4125			
DUAL (KG)		1450	1715	1920	2140	2330	2550	2705	2860	3035	3210	3410	3520	3630			
TRIPLE (KG)		1355	1600	1790	1995	2175	2380	2520	2665	2830	2995	3180	3280	3385			
20.8R42	LOAD INDEX							149			155			159			
SINGLE (KG)		1700	2060	2300	2575	2800	3075	3250	3450	3650	3875	4000	4250	4375			
DUAL (KG)		1495	1815	2025	2265	2465	2705	2860	3035	3210	3410	3520	3740	3850			
TRIPLE (KG)		1395	1690	1885	2110	2295	2520	2665	2830	2995	3180	3280	3485	3590			
23.1R26	LOAD INDEX							147			153		156	157			
SINGLE (KG)		1600	1900	2180	2430	2650	2900	3075	3250	3450	3650	3750	4000	4125			
DUAL (KG)		1410	1670	1920	2140	2330	2550	2705	2860	3035	3210	3300	3520	3630			
TRIPLE (KG)		1310	1560	1790	1995	2175	2380	2520	2665	2830	2995	3075	3280	3385			
23.1R30	LOAD INDEX							149			155			159			163[3]
SINGLE (KG)		1700	2000	2300	2575	2800	3000	3250	3450	3650	3875	4000	4250	4375	4500	4750	4875
DUAL (KG)		1495	1760	2025	2265	2465	2640	2860	3035	3210	3410	3520	3740	3850	3960	4180	4290
TRIPLE (KG)		1395	1640	1885	2110	2295	2460	2665	2830	2995	3180	3280	3485	3590	3690	3895	3995
24.5R32	LOAD INDEX							154			159			164			
SINGLE (KG)		1950	2300	2650	2900	3250	3450	3750	4000	4125	4375	4625	4750	5000			
DUAL (KG)		1715	2025	2330	2550	2860	3035	3300	3520	3630	3850	4070	4180	4400			
TRIPLE (KG)		1600	1885	2175	2380	2665	2830	3075	3280	3385	3590	3795	3895	4100			
28LR26	LOAD INDEX							152			157			162			166 #[1,2]
SINGLE (KG)		1850	2180	2500	2800	3075	3350	3550	3750	4000	4125	4375	4625	4750	5000	5150	5300
DUAL (KG)		1630	1920	2200	2465	2705	2950	3125	3300	3520	3630	3850	4070	4180	4400	4530	4665
TRIPLE (KG)		1515	1790	2050	2295	2520	2745	2910	3075	3280	3385	3590	3795	3895	4100	4225	4345
30.5LR32	LOAD INDEX							159			166			170			181[4]
SINGLE (KG)		2300	2800	3150	3450	3875	4125	4375	4750	5000	5300	5450	5800	6000			8250
DUAL (KG)		2025	2465	2770	3035	3410	3630	3850	4180	4400	4665	4795	5105	5280			7260
TRIPLE (KG)		1885	2295	2585	2830	3180	3385	3590	3895	4100	4345	4470	4755	4920			6765

LI 169 (5,820) @280 KPA
1) 169 (5,820) @296 KPA
2) 174 (6,700) @370 KPA
3) 168 (5,600) @320 KPA
4) 181 (8,250) @360 KPA

NOTES:
1. For shipping purposes, tire inflation pressures may be increased to 30 psi (consult tire manufacturer for minimum tire shipping pressure). Inflation pressure must be reduced to operating inflation before the tractor is removed from the carrier.
2. For above tires used in cyclic loading service, the loads maybe increased by 70% for 6 mph (10Km/h) applications and 55% for 10 mph (15Km/h) applications with an increase in inflation pressures of up to 25% with a minimum of + 40 kPa (6psi) and a maximum of + 80 kPa (12psi).
3. For transport service and operations which do not require sustained high torque, the following load limits (table at right) at various speeds apply with no change in inflation pressure.
4. When used as duals tire load must be reduced. Multiply figures in table by .88.
5. When used as triples tire load must be reduced. Multiply figures in table by .82.
6. The above loads are also applicable to equipment, including hillside combines, operating on 11 degree (20 percent grade). Load adjustments of note three below 20 mph do not apply.

MAXIMUM SPEED	% CHANGE in Loads in above table
15 KPH	+34% (except Hillside Combines)
25 KM/H	+11% (except Hillside Combines)
30 KM/H	+7%
40 KM/H	NONE
50 KM/H	NONE

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
TIRE SIZE	INFLATION (PSI)	6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	70	75
200/70R16	LI					77		85		90	94							
SINGLE (LBS)		505	615	715	805	910	1020	1140	1230	1320	1480							
DUAL (LBS)		440	540	630	710	800	900	1000	1080	1160	1300							
TRIPLE (LBS)		410	500	590	660	750	840	930	1010	1080	1210							
240/70R16	LI					87		94		100	104							
SINGLE (LBS)		675	805	935	1070	1200	1360	1480	1610	1760	1980							
DUAL (LBS)		590	710	820	940	1060	1200	1300	1420	1550	1740							
TRIPLE (LBS)		550	660	770	880	980	1120	1210	1320	1440	1620							
260/70R16	LI					91		98		104	109							
SINGLE (LBS)		760	910	1070	1200	1360	1520	1650	1820	1980	2270							
DUAL (LBS)		670	800	940	1060	1200	1340	1450	1600	1740	2000							
TRIPLE (LBS)		620	750	880	980	1120	1250	1350	1490	1620	1860							
260/70R20	LI					95		102		108	113							
SINGLE (LBS)		855	1020	1170	1360	1520	1710	1870	2040	2200	2540							
DUAL (LBS)		750	900	1030	1200	1340	1500	1650	1800	1940	2240							
TRIPLE (LBS)		700	840	960	1120	1250	1400	1530	1670	1800	2080							
260/80R20	LI					99		106										
SINGLE (LBS)		935	1140	1320	1520	1710	1870	2090										
DUAL (LBS)		820	1000	1160	1340	1500	1650	1840										
TRIPLE (LBS)		770	930	1080	1250	1400	1530	1710										
280/70R16	LI					95		102		108	112							
SINGLE (LBS)		855	1020	1200	1360	1520	1710	1870	2040	2200	2470							
DUAL (LBS)		750	900	1060	1200	1340	1500	1650	1800	1940	2170							
TRIPLE (LBS)		700	840	980	1120	1250	1400	1530	1670	1800	2030							
280/70R18	LI					97		104		110	114							
SINGLE (LBS)		910	1070	1280	1430	1610	1820	1980	2150	2340	2600							
DUAL (LBS)		800	940	1130	1260	1420	1600	1740	1890	2060	2290							
TRIPLE (LBS)		750	880	1050	1170	1320	1490	1620	1760	1920	2130							
280/70R20	LI					99		106		112	116							
SINGLE (LBS)		935	1140	1320	1520	1710	1870	2090	2270	2470	2760							
DUAL (LBS)		820	1000	1160	1340	1500	1650	1840	2000	2170	2430							
TRIPLE (LBS)		770	930	1080	1250	1400	1530	1710	1860	2030	2260							
230/115R54	LI					121		128		131	133	137	139	142	143	146		
SINGLE (LBS)		1760	2150	2470	2830	3200	3520	3960	4080	4300	4540	5080	5360	5840	6000	6600		
DUAL (LBS)		1550	1890	2170	2490	2820	3100	3480	3590	3780	4000	4470	4720	5140	5280	5810		
TRIPLE (LBS)		1440	1760	2030	2320	2620	2890	3250	3350	3530	3720	4170	4400	4790	4920	5410		
230/95R32	LI					106		113		116	119							
SINGLE (LBS)		1170	1390	1610	1820	2090	2340	2540	2680	2760	3000							
DUAL (LBS)		1030	1220	1420	1600	1840	2060	2240	2360	2430	2640							
TRIPLE (LBS)		960	1140	1320	1490	1710	1920	2080	2200	2260	2460							
230/95R48	LI					114		121		123	126	129	132	134	136	139	142	147#
SINGLE (LBS)		1430	1710	2040	2270	2600	2910	3200	3300	3420	3740	4080	4400	4680	4940	5360	5840	6800
DUAL (LBS)		1260	1500	1800	2000	2290	2560	2820	2900	3010	3290	3590	3870	4120	4350	4720	5140	5985
TRIPLE (LBS)		1170	1400	1670	1860	2130	2390	2620	2710	2800	3070	3350	3610	3840	4050	4400	4790	5575
250/95R48	LI					118		124		128	130	133	136	138	140	143	145	147#
SINGLE (LBS)		1610	1930	2270	2600	2910	3200	3520	3740	3960	4180	4540	4940	5200	5520	6000	6400	6800
DUAL (LBS)		1420	1700	2000	2290	2560	2820	3100	3290	3480	3680	4000	4350	4580	4860	5280	5630	5985
TRIPLE (LBS)		1320	1580	1860	2130	2390	2620	2890	3070	3250	3430	3720	4050	4260	4530	4920	5250	5575
250/90R38	LI					112		119		122	124	127	130	132				
SINGLE (LBS)		1360	1650	1930	2200	2470	2760	3000	3200	3300	3520	3860	4180	4400				
DUAL (LBS)		1200	1450	1700	1940	2170	2430	2640	2820	2900	3100	3400	3680	3870				
TRIPLE (LBS)		1120	1350	1580	1800	2030	2260	2460	2620	2710	2890	3170	3430	3610				

73 PSI

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

	Inflation	MAX SPEED 50 KPH	TIRE LOAD LIMITS (KG.) AT VARIOUS COLD INFLATION PRESSURES (KPA)																
TIRE SIZE	(kPa)	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	520
	(bar)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2
200/70R16	LI					77		85		90	94							
SINGLE (KG)		230	280	325	365	412	462	515	560	600	670							
DUAL (KG)		200	245	285	320	365	405	455	495	530	590							
TRIPLE (KG)		190	230	265	300	340	380	420	460	490	550							
240/70R16	LI					87		94		100	104							
SINGLE (KG)		307	365	425	487	545	615	670	730	800	900							
DUAL (KG)		270	320	375	430	480	540	590	640	705	790							
TRIPLE (KG)		250	300	350	400	445	505	550	600	655	740							
260/70R16	LI					91		98		104	109							
SINGLE (KG)		345	412	487	545	615	690	750	825	900	1030							
DUAL (KG)		305	365	430	480	540	605	660	725	790	905							
TRIPLE (KG)		285	340	400	445	505	565	615	675	740	845							
260/70R20	LI					95		102		108	113							
SINGLE (KG)		387	462	530	615	690	775	850	925	1000	1150							
DUAL (KG)		340	405	465	540	605	680	750	815	880	1010							
TRIPLE (KG)		315	380	435	505	565	635	695	760	820	945							
260/80R20	LI					99		106										
SINGLE (KG)		425	515	600	690	775	850	950										
DUAL (KG)		375	455	530	605	680	750	835										
TRIPLE (KG)		350	420	490	565	635	695	780										
280/70R16	LI					95		102		108	112							
SINGLE (KG)		387	462	545	615	690	775	850	925	1000	1120							
DUAL (KG)		340	405	480	540	605	680	750	815	880	985							
TRIPLE (KG)		315	380	445	505	565	635	695	760	820	920							
280/70R18	LI					97		104		110	114							
SINGLE (KG)		412	487	580	650	730	825	900	975	1060	1180							
DUAL (KG)		365	430	510	570	640	725	790	860	935	1040							
TRIPLE (KG)		340	400	475	535	600	675	740	800	870	970							
280/70R20	LI					99		106		112	116							
SINGLE (KG)		425	515	600	690	775	850	950	1030	1120	1250							
DUAL (KG)		375	455	530	605	680	750	835	905	985	1100							
TRIPLE (KG)		350	420	490	565	635	695	780	845	920	1025							
230/115R54	LI					121		128		131	133	137	139	142	143	146		
SINGLE (KG)		800	975	1120	1285	1450	1600	1800	1850	1950	2060	2300	2430	2650	2725	3000		
DUAL (KG)		705	860	985	1130	1275	1410	1585	1630	1715	1815	2025	2140	2330	2400	2640		
TRIPLE (KG)		655	800	920	1055	1190	1310	1475	1515	1600	1690	1885	1995	2175	2235	2460		
230/95R32	LI					106		113		116	119							
SINGLE (KG)		530	630	730	825	950	1060	1150	1215	1250	1360							
DUAL (KG)		465	555	640	725	835	935	1010	1070	1100	1195							
TRIPLE (KG)		435	515	600	675	780	870	945	995	1025	1115							
230/95R48	LI					114		121		123	126	129	132	134	136	139	142	147#
SINGLE (KG)		650	775	925	1030	1180	1320	1450	1500	1550	1700	1850	2000	2120	2240	2430	2650	3075
DUAL (KG)		570	680	815	905	1040	1160	1275	1320	1365	1495	1630	1760	1865	1970	2140	2330	2705
TRIPLE (KG)		535	635	760	845	970	1080	1190	1230	1270	1395	1515	1640	1740	1835	1995	2175	2520
250/95R48	LI					118		124		128	130	133	136	138	140	143	145	147#
SINGLE (KG)		730	875	1030	1180	1320	1450	1600	1700	1800	1900	2060	2240	2360	2500	2725	2900	3075
DUAL (KG)		640	770	905	1040	1160	1275	1410	1495	1585	1670	1815	1970	2075	2200	2400	2550	2705
TRIPLE (KG)		600	720	845	970	1080	1190	1310	1395	1475	1560	1690	1835	1935	2050	2235	2380	2520
250/90R38	LI					112		119		122	124	127	130	132				
SINGLE (KG)		615	750	875	1000	1120	1250	1360	1450	1500	1600	1750	1900	2000				
DUAL (KG)		540	660	770	880	985	1100	1195	1275	1320	1410	1540	1670	1760				
TRIPLE (KG)		505	615	720	820	920	1025	1115	1190	1230	1310	1435	1560	1640				

500 KPA

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
TIRE SIZE	INFLATION (PSI)	6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	70	75
250/95R34	LI					111		119										
SINGLE (LBS)		1360	1610	1870	2150	2400	2680	3000										
DUAL (LBS)		1200	1420	1650	1890	2110	2360	2640										
TRIPLE (LBS)		1120	1320	1530	1760	1970	2200	2460										
250/95R50	LI					119		125		128	131	134	137					
SINGLE (LBS)		1650	1980	2340	2680	3000	3300	3640	3860	3960	4300	4680	5080					
DUAL (LBS)		1450	1740	2060	2360	2640	2900	3200	3400	3480	3780	4120	4470					
TRIPLE (LBS)		1350	1620	1920	2200	2460	2710	2980	3170	3250	3530	3840	4170					
250/95R54	LI					120		127		130	132	136	138	141				
SINGLE (LBS)		1710	2090	2400	2760	3080	3420	3860	3960	4180	4400	4940	5200	5680				
DUAL (LBS)		1500	1840	2110	2430	2710	3010	3400	3480	3680	3870	4350	4580	5000				
TRIPLE (LBS)		1400	1710	1970	2260	2530	2800	3170	3250	3430	3610	4050	4260	4660				
290/90R38	LI					120		126		129	132	135	138					
SINGLE (LBS)		1710	2040	2400	2680	3080	3420	3740	3960	4080	4400	4800	5200					
DUAL (LBS)		1500	1800	2110	2360	2710	3010	3290	3480	3590	3870	4220	4580					
TRIPLE (LBS)		1400	1670	1970	2200	2530	2800	3070	3250	3350	3610	3940	4260					
290/90R42	LI					121		128		131	133	137	140					
SINGLE (LBS)		1760	2150	2540	2830	3200	3520	3960	4180	4300	4540	5080	5520					
DUAL (LBS)		1550	1890	2240	2490	2820	3100	3480	3680	3780	4000	4470	4860					
TRIPLE (LBS)		1440	1760	2080	2320	2620	2890	3250	3430	3530	3720	4170	4530					
290/95R34	LI					119		125		129	131							
SINGLE (LBS)		1650	2040	2340	2680	3000	3300	3640	3860	4080	4300							
DUAL (LBS)		1450	1800	2060	2360	2640	2900	3200	3400	3590	3780							
TRIPLE (LBS)		1350	1670	1920	2200	2460	2710	2980	3170	3350	3530							
300/70R20	LI					102		110										
SINGLE (LBS)		1050	1280	1480	1650	1870	2090	2340										
DUAL (LBS)		920	1130	1300	1450	1650	1840	2060										
TRIPLE (LBS)		860	1050	1210	1350	1530	1710	1920										
320/70R20	LI					106		113		117	119	122	123#					
SINGLE (LBS)		1170	1390	1610	1870	2090	2340	2540	2680	2830	3000	3300	3420					
DUAL (LBS)		1030	1220	1420	1650	1840	2060	2240	2360	2490	2640	2900	3010					
TRIPLE (LBS)		960	1140	1320	1530	1710	1920	2080	2200	2320	2460	2710	2805					
320/70R24	LI					109		116										
SINGLE (LBS)		1280	1520	1760	2040	2270	2540	2760										
DUAL (LBS)		1130	1340	1550	1800	2000	2240	2430										
TRIPLE (LBS)		1050	1250	1440	1670	1860	2080	2260										
320/75R24	LI					111		118										
SINGLE (LBS)		1360	1610	1870	2150	2400	2680	2910										
DUAL (LBS)		1200	1420	1650	1890	2110	2360	2560										
TRIPLE (LBS)		1120	1320	1530	1760	1970	2200	2390										
320/80R42	LI					123		130		133	135	139	141					
SINGLE (LBS)		1870	2270	2600	3000	3420	3740	4180	4400	4540	4800	5360	5680					
DUAL (LBS)		1650	2000	2290	2640	3010	3290	3680	3870	4000	4220	4720	5000					
TRIPLE (LBS)		1530	1860	2130	2460	2800	3070	3430	3610	3720	3940	4400	4660					
320/85R24	LI					115		122		125	127	130	133	135	137	140	142*	
SINGLE (LBS)		1480	1820	2090	2400	2680	3000	3300	3420	3640	3860	4180	4540	4800	5080	5520	5840	
DUAL (LBS)		1300	1600	1840	2110	2360	2640	2900	3010	3200	3400	3680	4000	4220	4470	4860	5140	
TRIPLE (LBS)		1210	1490	1710	1970	2200	2460	2710	2800	2980	3170	3430	3720	3940	4170	4530	4790	
320/85R34	LI					121		127		131	133							
SINGLE (LBS)		1760	2150	2470	2830	3200	3520	3860	4080	4300	4540							
DUAL (LBS)		1550	1890	2170	2490	2820	3100	3400	3590	3780	4000							
TRIPLE (LBS)		1440	1760	2030	2320	2620	2890	3170	3350	3530	3720							

44 PSI *67 PSI

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

Inflation		MAX SPEED 50 KPH			TIRE LOAD LIMITS (KG.) AT VARIOUS COLD INFLATION PRESSURES (KPA)														
TIRE SIZE	(kPa)	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	520	
	(bar)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	
250/95R34	LI					111		119											
SINGLE (KG)		615	730	850	975	1090	1215	1360											
DUAL (KG)		540	640	750	860	960	1070	1195											
TRIPLE (KG)		505	600	695	800	895	995	1115											
250/95R50	LI					119		125		128	131	134	137						
SINGLE (KG)		750	900	1060	1215	1360	1500	1650	1750	1800	1950	2120	2300						
DUAL (KG)		660	790	935	1070	1195	1320	1450	1540	1585	1715	1865	2025						
TRIPLE (KG)		615	740	870	995	1115	1230	1355	1435	1475	1600	1740	1885						
250/95R54	LI					120		127		130	132	136	138	141					
SINGLE (KG)		775	950	1090	1250	1400	1550	1750	1800	1900	2000	2240	2360	2575					
DUAL (KG)		680	835	960	1100	1230	1365	1540	1585	1670	1760	1970	2075	2265					
TRIPLE (KG)		635	780	895	1025	1150	1270	1435	1475	1560	1640	1835	1935	2110					
290/90R38	LI					120		126		129	132	135	138						
SINGLE (KG)		775	925	1090	1215	1400	1550	1700	1800	1850	2000	2180	2360						
DUAL (KG)		680	815	960	1070	1230	1365	1495	1585	1630	1760	1920	2075						
TRIPLE (KG)		635	760	895	995	1150	1270	1395	1475	1515	1640	1790	1935						
290/90R42	LI					121		128		131	133	137	140						
SINGLE (KG)		800	975	1150	1285	1450	1600	1800	1900	1950	2060	2300	2500						
DUAL (KG)		705	860	1010	1130	1275	1410	1585	1670	1715	1815	2025	2200						
TRIPLE (KG)		655	800	945	1055	1190	1310	1475	1560	1600	1690	1885	2050						
290/95R34	LI					119		125		129	131								
SINGLE (KG)		750	925	1060	1215	1360	1500	1650	1750	1850	1950								
DUAL (KG)		660	815	935	1070	1195	1320	1450	1540	1630	1715								
TRIPLE (KG)		615	760	870	995	1115	1230	1355	1435	1515	1600								
300/70R20	LI					102		110											
SINGLE (KG)		475	580	670	750	850	950	1060											
DUAL (KG)		420	510	590	660	750	835	935											
TRIPLE (KG)		390	475	550	615	695	780	870											
320/70R20	LI					106		113		117	119	122	123#						
SINGLE (KG)		530	630	730	850	950	1060	1150	1215	1285	1360	1500	1555						
DUAL (KG)		465	555	640	750	835	935	1010	1070	1130	1195	1320	1370						
TRIPLE (KG)		435	515	600	695	780	870	945	995	1055	1115	1230	1275						
320/70R24	LI					109		116											
SINGLE (KG)		580	690	800	925	1030	1150	1250											
DUAL (KG)		510	605	705	815	905	1010	1100											
TRIPLE (KG)		475	565	655	760	845	945	1025											
320/75R24	LI					111		118											
SINGLE (KG)		615	730	850	975	1090	1215	1320											
DUAL (KG)		540	640	750	860	960	1070	1160											
TRIPLE (KG)		505	600	695	800	895	995	1080											
320/80R42	LI					123		130		133	135	139	141						
SINGLE (KG)		850	1030	1180	1360	1550	1700	1900	2000	2060	2180	2430	2575						
DUAL (KG)		750	905	1040	1195	1365	1495	1670	1760	1815	1920	2140	2265						
TRIPLE (KG)		695	845	970	1115	1270	1395	1560	1640	1690	1790	1995	2110						
320/85R24	LI					115		122		125	127	130	133	135	137	140	142*		
SINGLE (KG)		670	825	950	1090	1215	1360	1500	1550	1650	1750	1900	2060	2180	2300	2500	2655		
DUAL (KG)		590	725	835	960	1070	1195	1320	1365	1450	1540	1670	1815	1920	2025	2200	2335		
TRIPLE (KG)		550	675	780	895	995	1115	1230	1270	1355	1435	1560	1690	1790	1885	2050	2180		
320/85R34	LI					121		127		131	133								
SINGLE (KG)		800	975	1120	1285	1450	1600	1750	1850	1950	2060								
DUAL (KG)		705	860	985	1130	1275	1410	1540	1630	1715	1815								
TRIPLE (KG)		655	800	920	1055	1190	1310	1435	1515	1600	1690								

300 KPA *460 KPA

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
TIRE SIZE	INFLATION (PSI)	6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	70	75
320/85R38	LI					123		129		133	135	138	141	143				
SINGLE (LBS)		1870	2270	2600	3000	3420	3740	4080	4300	4540	4800	5200	5680	6000				
DUAL (LBS)		1650	2000	2290	2640	3010	3290	3590	3780	4000	4220	4580	5000	5280				
TRIPLE (LBS)		1530	1860	2130	2460	2800	3070	3350	3530	3720	3940	4260	4660	4920				
320/90R42	LI					126		133		136	139	142	145	147				
SINGLE (LBS)		2090	2470	2910	3300	3740	4180	4540	4800	4940	5360	5840	6400	6800				
DUAL (LBS)		1840	2170	2560	2900	3290	3680	4000	4220	4350	4720	5140	5630	5980				
TRIPLE (LBS)		1710	2030	2390	2710	3070	3430	3720	3940	4050	4400	4790	5250	5580				
320/90R46	LI					127		135		138	140	144	146	148	150	153	156	
SINGLE (LBS)		2150	2600	3000	3420	3860	4300	4800	5080	5200	5520	6150	6600	6950	7400	8050	8800	
DUAL (LBS)		1890	2290	2640	3010	3400	3780	4220	4470	4580	4860	5410	5810	6120	6510	7080	7740	
TRIPLE (LBS)		1760	2130	2460	2800	3170	3530	3940	4170	4260	4530	5040	5410	5700	6070	6600	7220	
320/90R50	LI					129		136		140	142	145	148	150	152	155	157	159#
SINGLE (LBS)		2270	2760	3200	3640	4080	4540	4940	5200	5520	5840	6400	6950	7400	7850	8550	9100	9650
DUAL (LBS)		2000	2430	2820	3200	3590	4000	4350	4580	4860	5140	5630	6120	6510	6910	7520	8010	8490
TRIPLE (LBS)		1860	2260	2620	2980	3350	3720	4050	4260	4530	4790	5250	5700	6070	6440	7010	7460	7910
320/90R54	LI					131		138		141	143	146	149	151	153	162		
SINGLE (LBS)		2340	2830	3300	3740	4300	4680	5200	5520	5680	6000	6600	7150	7600	8050	10500		
DUAL (LBS)		2060	2490	2900	3290	3780	4120	4580	4860	5000	5280	5810	6290	6690	7080	9240		
TRIPLE (LBS)		1920	2320	2710	3070	3530	3840	4260	4530	4660	4920	5410	5860	6230	6600	8610		
320/105R54	LI					135		142		145	148	151	153	155	157	160	163	166
SINGLE (LBS)		2680	3200	3740	4300	4800	5360	5840	6150	6400	6950	7600	8050	8550	9100	9900	10700	11700
DUAL (LBS)		2360	2820	3290	3780	4220	4720	5140	5410	5630	6120	6690	7080	7520	8010	8710	9420	10300
TRIPLE (LBS)		2200	2620	3070	3530	3940	4400	4790	5040	5250	5700	6230	6600	7010	7460	8120	8770	9590
340/80R18	LI					112		119		124	128	133	136					
SINGLE (LBS)		1360	1650	1930	2200	2470	2760	3000	3300	3520	3960	4540	4940					
DUAL (LBS)		1200	1450	1700	1940	2170	2430	2640	2900	3100	3480	4000	4350					
TRIPLE (LBS)		1120	1350	1580	1800	2030	2260	2460	2710	2890	3250	3720	4050					
340/85R46	LI					129		136		140								
SINGLE (LBS)		2270	2760	3200	3640	4080	4540	4940	5200	5520								
DUAL (LBS)		2000	2430	2820	3200	3590	4000	4350	4580	4860								
TRIPLE (LBS)		1860	2260	2620	2980	3350	3720	4050	4260	4530								
360/70R20	LI					113		120		125	129							
SINGLE (LBS)		1390	1650	1930	2200	2540	2760	3080	3300	3640	4080							
DUAL (LBS)		1220	1450	1700	1940	2240	2430	2710	2900	3200	3590							
TRIPLE (LBS)		1140	1350	1580	1800	2080	2260	2530	2710	2980	3350							
360/70R20	LI					116		122										
SINGLE (LBS)		1520	1820	2090	2400	2760	3000	3300										
DUAL (LBS)		1340	1600	1840	2110	2430	2640	2900										
TRIPLE (LBS)		1250	1490	1710	1970	2260	2460	2710										
360/70R28	LI					118		126										
SINGLE (LBS)		1610	1930	2270	2600	2910	3300	3740										
DUAL (LBS)		1420	1700	2000	2290	2560	2900	3290										
TRIPLE (LBS)		1320	1580	1860	2130	2390	2710	3070										
380/70R20	LI					116		122										
SINGLE (LBS)		1520	1820	2090	2400	2760	3000	3300										
DUAL (LBS)		1340	1600	1840	2110	2430	2640	2900										
TRIPLE (LBS)		1250	1490	1710	1970	2260	2460	2710										
380/70R24	LI					119		125										
SINGLE (LBS)		1650	1980	2270	2600	3000	3300	3640										
DUAL (LBS)		1450	1740	2000	2290	2640	2900	3200										
TRIPLE (LBS)		1350	1620	1860	2130	2460	2710	2980										

LI 161 (10,200 LBS.) @78 PSI

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

Inflation		MAX SPEED 50 KPH	TIRE LOAD LIMITS (KG.) AT VARIOUS COLD INFLATION PRESSURES (KPA)																
TIRE SIZE	(kPa)	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	520
	(bar)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2
320/85R38	LI					123		129		133	135	138	141	143				
SINGLE (KG)		850	1030	1180	1360	1550	1700	1850	1950	2060	2180	2360	2575	2725				
DUAL (KG)		750	905	1040	1195	1365	1495	1630	1715	1815	1920	2075	2265	2400				
TRIPLE (KG)		695	845	970	1115	1270	1395	1515	1600	1690	1790	1935	2110	2235				
320/90R42	LI					126		133		136	139	142	145	147				
SINGLE (KG)		950	1120	1320	1500	1700	1900	2060	2180	2240	2430	2650	2900	3075				
DUAL (KG)		835	985	1160	1320	1495	1670	1815	1920	1970	2140	2330	2550	2705				
TRIPLE (KG)		780	920	1080	1230	1395	1560	1690	1790	1835	1995	2175	2380	2520				
320/90R46	LI					127		135		138	140	144	146	148	150	153	156	
SINGLE (KG)		975	1180	1360	1550	1750	1950	2180	2300	2360	2500	2800	3000	3150	3350	3650	4000	
DUAL (KG)		860	1040	1195	1365	1540	1715	1920	2025	2075	2200	2465	2640	2770	2950	3210	3520	
TRIPLE (KG)		800	970	1115	1270	1435	1600	1790	1885	1935	2050	2295	2460	2585	2745	2995	3280	
320/90R50	LI					129		136		140	142	145	148	150	152	155	157	159#
SINGLE (KG)		1030	1250	1450	1650	1850	2060	2240	2360	2500	2650	2900	3150	3350	3550	3875	4125	4375
DUAL (KG)		905	1100	1275	1450	1630	1815	1970	2075	2200	2330	2550	2770	2950	3125	3410	3630	3850
TRIPLE (KG)		845	1025	1190	1355	1515	1690	1835	1935	2050	2175	2380	2585	2745	2910	3180	3385	3590
320/90R54	LI					131		138		141	143	146	149	151	153	162		
SINGLE (KG)		1060	1285	1500	1700	1950	2120	2360	2500	2575	2725	3000	3250	3450	3650	4775		
DUAL (KG)		935	1130	1320	1495	1715	1865	2075	2200	2265	2400	2640	2860	3035	3210	4200		
TRIPLE (KG)		870	1055	1230	1395	1600	1740	1935	2050	2110	2235	2460	2665	2830	2995	3915		
320/105R54	LI					135		142		145	148	151	153	155	157	160	163	166
SINGLE (KG)		1215	1450	1700	1950	2180	2430	2650	2800	2900	3150	3450	3650	3875	4125	4500	4875	5300
DUAL (KG)		1070	1275	1495	1715	1920	2140	2330	2465	2550	2770	3035	3210	3410	3630	3960	4290	4665
TRIPLE (KG)		995	1190	1395	1600	1790	1995	2175	2295	2380	2585	2830	2995	3180	3385	3690	3995	4345
340/80R18	LI					112		119		124	128	133	136					
SINGLE (KG)		615	750	875	1000	1120	1250	1360	1500	1600	1800	2060	2240					
DUAL (KG)		540	660	770	880	985	1100	1195	1320	1410	1585	1815	1970					
TRIPLE (KG)		505	615	720	820	920	1025	1115	1230	1310	1475	1690	1835					
340/85R46	LI					129		136		140								
SINGLE (KG)		1030	1250	1450	1650	1850	2060	2240	2360	2500								
DUAL (KG)		905	1100	1275	1450	1630	1815	1970	2075	2200								
TRIPLE (KG)		845	1025	1190	1355	1515	1690	1835	1935	2050								
360/70R20	LI					113		120		125	129							
SINGLE (KG)		630	750	875	1000	1150	1250	1400	1500	1650	1850							
DUAL (KG)		555	660	770	880	1010	1100	1230	1320	1450	1630							
TRIPLE (KG)		515	615	720	820	945	1025	1150	1230	1355	1515							
360/70R24	LI					116		122										
SINGLE (KG)		690	825	950	1090	1250	1360	1500										
DUAL (KG)		605	725	835	960	1100	1195	1320										
TRIPLE (KG)		565	675	780	895	1025	1115	1230										
360/70R28	LI					118		126										
SINGLE (KG)		730	875	1030	1180	1320	1500	1700										
DUAL (KG)		640	770	905	1040	1160	1320	1495										
TRIPLE (KG)		600	720	845	970	1080	1230	1395										
380/70R20	LI					116		122										
SINGLE (KG)		690	825	950	1090	1250	1360	1500										
DUAL (KG)		605	725	835	960	1100	1195	1320										
TRIPLE (KG)		565	675	780	895	1025	1115	1230										
380/70R24	LI					119		125										
SINGLE (KG)		750	900	1030	1180	1360	1500	1650										
DUAL (KG)		660	790	905	1040	1195	1320	1450										
TRIPLE (KG)		615	740	845	970	1115	1230	1355										

LI 161 (4,625 KG) @540 KPA

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
TIRE SIZE	INFLATION (PSI)	6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	70	75
380/70R28	LI					121		127										
SINGLE (LBS)		1760	2090	2470	2830	3200	3520	3860										
DUAL (LBS)		1550	1840	2170	2490	2820	3100	3400										
TRIPLE (LBS)		1440	1710	2030	2320	2620	2890	3170										
380/80R38	LI					130		137		140	142							
SINGLE (LBS)		2270	2760	3200	3640	4180	4540	5080	5360	5520	5840							
DUAL (LBS)		2000	2430	2820	3200	3680	4000	4470	4720	4860	5140							
TRIPLE (LBS)		1860	2260	2620	2980	3430	3720	4170	4400	4530	4790							
380/80R42	LI					132		139		142	144	147	150					
SINGLE (LBS)		2400	2910	3420	3860	4400	4800	5360	5680	5840	6150	6800	7400					
DUAL (LBS)		2110	2560	3010	3395	3870	4225	4715	5000	5140	5410	5985	6510					
TRIPLE (LBS)		1970	2385	2805	3165	3610	3935	4395	4660	4790	5045	5575	6070					
380/85R28	LI					126		133		137	139	142						
SINGLE (LBS)		2090	2540	2910	3300	3740	4180	4540	4800	5080	5360	5840						
DUAL (LBS)		1840	2240	2560	2900	3290	3680	4000	4220	4470	4720	5140						
TRIPLE (LBS)		1710	2080	2390	2710	3070	3430	3720	3940	4170	4400	4790						
380/85R30	LI					127		135										
SINGLE (LBS)		2150	2600	3000	3420	3860	4300	4800										
DUAL (LBS)		1890	2290	2640	3010	3400	3780	4220										
TRIPLE (LBS)		1760	2130	2460	2800	3170	3530	3940										
380/85R34	LI					129		137		140	142	145	148	150	152	155		
SINGLE (LBS)		2270	2760	3200	3640	4080	4540	5080	5360	5520	5840	6400	6950	7400	7850	8550		
DUAL (LBS)		2000	2430	2820	3200	3590	4000	4470	4720	4860	5140	5630	6120	6510	6910	7525		
TRIPLE (LBS)		1860	2260	2620	2980	3350	3720	4170	4400	4530	4790	5250	5700	6070	6435	7010		
380/85R46	LI					135		142		145	147	151	153	155	157	160	163	165
SINGLE (LBS)		2680	3200	3740	4300	4800	5360	5840	6150	6400	6800	7600	8050	8550	9100	9900	10700	11400
DUAL (LBS)		2360	2820	3290	3780	4220	4720	5140	5410	5630	5980	6690	7080	7520	8010	8710	9420	10030
TRIPLE (LBS)		2200	2620	3070	3530	3940	4400	4790	5040	5250	5580	6230	6600	7010	7460	8120	8770	9350
380/90R46	LI					137		144		147	149	152	155	157	159	162	165	167#
SINGLE (LBS)		2830	3300	3860	4400	5080	5520	6150	6400	6800	7150	7850	8550	9100	9650	10500	11400	12000
DUAL (LBS)		2490	2900	3400	3870	4470	4860	5410	5630	5980	6290	6910	7520	8010	8490	9240	10030	10560
TRIPLE (LBS)		2320	2710	3170	3610	4170	4530	5040	5250	5580	5860	6440	7010	7460	7910	8610	9350	9840
380/90R50	LI					138		145		148	151	154	156	158	160	163	166	169
SINGLE (LBS)		2910	3520	4080	4680	5200	5840	6400	6800	6950	7600	8250	8800	9350	9900	10700	11700	12800
DUAL (LBS)		2560	3100	3590	4120	4580	5140	5630	5980	6120	6690	7270	7740	8230	8710	9420	10300	11265
TRIPLE (LBS)		2390	2890	3350	3840	4260	4790	5250	5580	5700	6230	6760	7220	7660	8120	8770	9600	10495
380/90R54	LI					140		146		150	152	155	158	160	162	165	168	170
SINGLE (LBS)		3000	3640	4300	4800	5520	6000	6600	6950	7400	7850	8550	9350	9900	10500	11400	12300	13200
DUAL (LBS)		2640	3200	3780	4220	4860	5280	5810	6120	6510	6910	7520	8230	8710	9240	10030	10820	11620
TRIPLE (LBS)		2460	2980	3530	3940	4530	4920	5410	5700	6070	6440	7010	7670	8120	8610	9350	10090	10820
380/105R50	LI					143		150		153	155	158	161	163	165	168	170	
SINGLE (LBS)		3300	3960	4680	5360	6000	6600	7400	7600	8050	8550	9350	10200	10700	11400	12300	13200	
DUAL (LBS)		2905	3485	4120	4715	5280	5810	6510	6690	7085	7525	8230	8975	9415	10030	10825	11615	
TRIPLE (LBS)		2705	3245	3840	4395	4920	5410	6070	6230	6600	7010	7665	8365	8775	9350	10085	10825	
400/70R18	LI					117		123		129	133	138	141	144	147			
SINGLE (LBS)		1570	1870	2200	2540	2830	3080	3420	3740	4080	4540	5200	5680	6150	6800			
DUAL (LBS)		1380	1650	1940	2240	2490	2710	3010	3290	3590	4000	4580	5000	5410	5980			
TRIPLE (LBS)		1290	1530	1800	2080	2320	2530	2800	3070	3350	3720	4260	4660	5040	5580			
400/70R20	LI					118		125		131	135	139	142	145	149			
SINGLE (LBS)		1650	1980	2270	2600	2910	3300	3640	3960	4300	4800	5360	5840	6400	7150			
DUAL (LBS)		1450	1740	2000	2290	2560	2900	3200	3480	3780	4220	4720	5140	5630	6290			
TRIPLE (LBS)		1350	1620	1860	2130	2390	2710	2980	3250	3530	3940	4400	4790	5250	5860			

168 (12,300 LBS) @78 PSI

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

Inflation		MAX SPEED 50 KPH			TIRE LOAD LIMITS (KG.) AT VARIOUS COLD INFLATION PRESSURES (KPA)														
TIRE SIZE	(kPa)	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	520
	(bar)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2
380/70R28	LI					121		127										
SINGLE (KG)		800	950	1120	1285	1450	1600	1750										
DUAL (KG)		705	835	985	1130	1275	1410	1540										
TRIPLE (KG)		655	780	920	1055	1190	1310	1435										
380/80R38	LI					130		137		140	142							
SINGLE (KG)		1030	1250	1450	1650	1900	2060	2300	2430	2500	2650							
DUAL (KG)		905	1100	1275	1450	1670	1815	2025	2140	2200	2330							
TRIPLE (KG)		845	1025	1190	1355	1560	1690	1885	1995	2050	2175							
380/80R42	LI					132				142	144	147	150					
SINGLE (KG)		1090	1320	1550	1750	2000	2180	2430	2575	2650	2800	3075	3350					
DUAL (KG)		960	1160	1365	1540	1760	1920	2140	2265	2330	2465	2705	2950					
TRIPLE (KG)		895	1080	1270	1435	1640	1790	1995	2110	2175	2295	2520	2745					
380/85R28	LI					126		133		137	139	142						
SINGLE (KG)		950	1150	1320	1500	1700	1900	2060	2180	2300	2430	2650						
DUAL (KG)		835	1010	1160	1320	1495	1670	1815	1920	2025	2140	2330						
TRIPLE (KG)		780	945	1080	1230	1395	1560	1690	1790	1885	1995	2175						
380/85R30	LI					127		135										
SINGLE (KG)		975	1180	1360	1550	1750	1950	2180										
DUAL (KG)		860	1040	1195	1365	1540	1715	1920										
TRIPLE (KG)		800	970	1115	1270	1435	1600	1790										
380/85R34	LI					129		137		140	142	145	148	150	152	155		
SINGLE (KG)		1030	1250	1450	1650	1850	2060	2300	2430	2500	2650	2900	3150	3350	3550	3875		
DUAL (KG)		905	1100	1275	1450	1630	1815	2025	2140	2200	2330	2550	2770	2950	3125	3410		
TRIPLE (KG)		845	1025	1190	1355	1515	1690	1885	1995	2050	2175	2380	2585	2745	2910	3175		
380/85R46	LI					135		142		145	147	151	153	155	157	160	163	165
SINGLE (KG)		1215	1450	1700	1950	2180	2430	2650	2800	2900	3075	3450	3650	3875	4125	4500	4875	5150
DUAL (KG)		1070	1275	1495	1715	1920	2140	2330	2465	2550	2705	3035	3210	3410	3630	3960	4290	4530
TRIPLE (KG)		995	1190	1395	1600	1790	1995	2175	2295	2380	2520	2830	2995	3180	3385	3690	3995	4225
380/90R46	LI					137		144		147	149	152	155	157	159	162	165	167#
SINGLE (KG)		1285	1500	1750	2000	2300	2500	2800	2900	3075	3250	3550	3875	4125	4375	4750	5150	5450
DUAL (KG)		1130	1320	1540	1760	2025	2200	2465	2550	2705	2860	3125	3410	3630	3850	4180	4530	4795
TRIPLE (KG)		1055	1230	1435	1640	1885	2050	2295	2380	2520	2665	2910	3180	3385	3590	3895	4225	4470
380/90R50	LI					138		145		148	151	154	156	158	160	163	166	169
SINGLE (KG)		1320	1600	1850	2120	2360	2650	2900	3075	3150	3450	3750	4000	4250	4500	4875	5300	5820
DUAL (KG)		1160	1410	1630	1865	2075	2330	2550	2705	2770	3035	3300	3520	3740	3960	4290	4660	5120
TRIPLE (KG)		1080	1310	1515	1740	1935	2175	2380	2520	2585	2830	3070	3280	3480	3690	4000	4350	4770
380/90R54	LI					140		146		150	152	155	158	160	162	165	168	170
SINGLE (KG)		1360	1650	1950	2180	2500	2725	3000	3150	3350	3550	3875	4250	4500	4750	5150	5600	6000
DUAL (KG)		1195	1450	1715	1920	2200	2400	2640	2770	2950	3125	3410	3740	3960	4180	4530	4930	5280
TRIPLE (KG)		1115	1355	1600	1790	2050	2235	2460	2585	2745	2910	3180	3485	3690	3895	4225	4590	4920
380/105R50	LI					143		150		153	155	158	161	163	165	168	170	
SINGLE (KG)		1500	1800	2120	2430	2725	3000	3350	3450	3650	3875	4250	4625	4875	5150	5600	6000	
DUAL (KG)		1320	1585	1865	2140	2400	2640	2950	3035	3210	3410	3740	4070	4290	4530	4930	5280	
TRIPLE (KG)		1230	1475	1740	1995	2235	2460	2745	2830	2995	3180	3485	3795	3995	4225	4590	4920	
400/70R18	LI					117		123		129	133	138	141	144	147			
SINGLE (KG)		710	850	1000	1150	1285	1400	1550	1700	1850	2060	2360	2575	2800	3075			
DUAL (KG)		625	750	880	1010	1130	1230	1365	1495	1630	1815	2075	2265	2465	2705			
TRIPLE (KG)		580	695	820	945	1055	1150	1270	1395	1515	1690	1935	2110	2295	2520			
400/70R20	LI					118		125		131	135	139	142	145	149			
SINGLE (KG)		750	900	1030	1180	1320	1500	1650	1800	1950	2180	2430	2650	2900	3250			
DUAL (KG)		660	790	905	1040	1160	1320	1450	1585	1715	1920	2140	2330	2550	2860			
TRIPLE (KG)		615	740	845	970	1080	1230	1355	1475	1600	1790	1995	2175	2380	2665			

168 (5,600 KG) @540 KPA

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
TIRE SIZE	INFLATION (PSI)	6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	70	75
420/70R24	LI					123		130										
SINGLE (LBS)		1930	2270	2680	3080	3420	3860	4180										
DUAL (LBS)		1700	2000	2360	2710	3010	3400	3680										
TRIPLE (LBS)		1580	1860	2200	2530	2800	3170	3430										
420/70R28	LI					126		133		136	139							
SINGLE (LBS)		2040	2470	2910	3300	3740	4080	4540	4800	4940	5360							
DUAL (LBS)		1800	2170	2560	2900	3290	3590	4000	4220	4350	4720							
TRIPLE (LBS)		1670	2030	2390	2710	3070	3350	3720	3940	4050	4400							
420/70R30	LI					127		134										
SINGLE (LBS)		2150	2540	3000	3420	3860	4300	4680										
DUAL (LBS)		1890	2240	2640	3010	3400	3780	4120										
TRIPLE (LBS)		1760	2080	2460	2800	3170	3530	3840										
420/80R46	LI					139		145		149	151	154	156	159	161			169#
SINGLE (LBS)		2910	3520	4080	4680	5360	5840	6400	6800	7150	7600	8250	8800	9650	10200	11000	11700	12800
DUAL (LBS)		2560	3100	3590	4120	4720	5140	5630	5980	6290	6690	7260	7740	8490	8975	9680	10295	11265
TRIPLE (LBS)		2390	2890	3350	3840	4400	4790	5250	5580	5860	6230	6770	7220	7910	8365	9020	9595	10495
420/85R26	LI					131		138		141	143	146	149					
SINGLE (LBS)		2340	2830	3300	3740	4300	4680	5200	5520	5680	6000	6600	7150					
DUAL (LBS)		2060	2490	2905	3290	3785	4120	4575	4860	5000	5280	5810	6290					
TRIPLE (LBS)		1920	2320	2705	3065	3525	3840	4265	4525	4660	4920	5410	5865					
420/85R28	LI					132		139		141	144							
SINGLE (LBS)		2470	2910	3420	3860	4400	4940	5360	5520	5680	6150							
DUAL (LBS)		2170	2560	3010	3400	3870	4350	4720	4855	5000	5410							
TRIPLE (LBS)		2030	2390	2800	3170	3610	4050	4400	4525	4660	5045							
420/85R34	LI					135		142		145	147							
SINGLE (LBS)		2680	3200	3740	4300	4800	5360	5840	6150	6400	6800							
DUAL (LBS)		2360	2820	3290	3780	4220	4720	5140	5410	5630	5980							
TRIPLE (LBS)		2200	2620	3070	3530	3940	4400	4790	5040	5250	5580							
420/90R30	LI					135		142										
SINGLE (LBS)		2680	3200	3740	4180	4800	5360	5840										
DUAL (LBS)		2360	2820	3290	3680	4220	4720	5140										
TRIPLE (LBS)		2200	2620	3070	3430	3940	4400	4790										
440/80R28	LI					132		140										
SINGLE (LBS)		2470	3000	3520	3960	4400	4940	5520										
DUAL (LBS)		2170	2640	3100	3480	3870	4350	4860										
TRIPLE (LBS)		2030	2460	2890	3250	3610	4050	4530										
460/85R30	LI					138		145										
SINGLE (LBS)		2910	3520	4080	4680	5200	5840	6400										
DUAL (LBS)		2560	3100	3590	4120	4580	5140	5630										
TRIPLE (LBS)		2390	2890	3350	3840	4260	4790	5250										
460/85R42	LI					144		150										
SINGLE (LBS)		3420	4080	4800	5360	6150	6800	7400										
DUAL (LBS)		3010	3590	4220	4720	5410	5980	6510										
TRIPLE (LBS)		2800	3350	3940	4400	5040	5580	6070										
480/65R28	LI					131		137		141								
SINGLE (LBS)		2400	2830	3300	3860	4300	4680	5080	5360	5680								
DUAL (LBS)		2110	2490	2900	3400	3780	4120	4470	4720	5000								
TRIPLE (LBS)		1970	2320	2710	3170	3530	3840	4170	4400	4660								
480/70R24	LI					131		138										
SINGLE (LBS)		2340	2830	3300	3740	4300	4680	5200										
DUAL (LBS)		2060	2490	2900	3290	3780	4120	4580										
TRIPLE (LBS)		1920	2320	2710	3070	3530	3840	4260										

170 (13,200 LBS.) @78 PSI

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

Inflation		MAX SPEED 50 KPH			TIRE LOAD LIMITS (KG.) AT VARIOUS COLD INFLATION PRESSURES (KPA)														
TIRE SIZE	(kPa)	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	520
	(bar)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2
420/70R24	LI					123		130										
SINGLE (KG)		875	1030	1215	1400	1550	1750	1900										
DUAL (KG)		770	905	1070	1230	1365	1540	1670										
TRIPLE (KG)		720	845	995	1150	1270	1435	1560										
420/70R28	LI					126		133		136	139							
SINGLE (KG)		925	1120	1320	1500	1700	1850	2060	2180	2240	2430							
DUAL (KG)		815	985	1160	1320	1495	1630	1815	1920	1970	2140							
TRIPLE (KG)		760	920	1080	1230	1395	1515	1690	1790	1835	1995							
420/70R30	LI					127		134										
SINGLE (KG)		975	1150	1360	1550	1750	1950	2120										
DUAL (KG)		860	1010	1195	1365	1540	1715	1865										
TRIPLE (KG)		800	945	1115	1270	1435	1600	1740										
420/80R46	LI					139		145		149	151	154	156	159	161			169#
SINGLE (KG)		1320	1600	1850	2120	2430	2650	2900	3075	3250	3450	3750	4000	4375	4625	5000	5300	5800
DUAL (KG)		1160	1410	1630	1865	2140	2330	2550	2705	2860	3035	3300	3520	3850	4070	4400	4665	5105
TRIPLE (KG)		1080	1310	1515	1740	1995	2175	2380	2520	2665	2830	3075	3280	3590	3790	4100	4345	4755
420/85R26	LI					131		138		141	143	146	149					
SINGLE (KG)		1060	1285	1500	1700	1950	2120	2360	2500	2575	2725	3000	3250					
DUAL (KG)		935	1130	1320	1495	1715	1865	2075	2200	2265	2400	2640	2860					
TRIPLE (KG)		870	1055	1230	1395	1600	1740	1935	2050	2110	2235	2460	2665					
420/85R28	LI					132		139		141	144							
SINGLE (KG)		1120	1320	1550	1750	2000	2240	2430	2500	2575	2725							
DUAL (KG)		985	1160	1365	1540	1760	1970	2140	2200	2265	2400							
TRIPLE (KG)		920	1080	1270	1435	1640	1835	1995	2050	2110	2235							
420/85R34	LI					135		142		145	147							
SINGLE (KG)		1215	1450	1700	1950	2180	2430	2650	2800	2900	3075							
DUAL (KG)		1070	1275	1495	1715	1920	2140	2330	2465	2550	2705							
TRIPLE (KG)		995	1190	1395	1600	1790	1995	2175	2295	2380	2520							
420/90R30	LI					135		142										
SINGLE (KG)		1215	1450	1700	1900	2180	2430	2650										
DUAL (KG)		1070	1275	1495	1670	1920	2140	2330										
TRIPLE (KG)		995	1190	1395	1560	1790	1995	2175										
440/80R28	LI					132		140										
SINGLE (KG)		1120	1360	1600	1800	2000	2240	2500										
DUAL (KG)		985	1195	1410	1585	1760	1970	2200										
TRIPLE (KG)		920	1115	1310	1475	1640	1835	2050										
460/85R30	LI					138		145										
SINGLE (KG)		1320	1600	1850	2120	2360	2650	2900										
DUAL (KG)		1160	1410	1630	1865	2075	2330	2550										
TRIPLE (KG)		1080	1310	1515	1740	1935	2175	2380										
460/85R42	LI					144		150										
SINGLE (KG)		1550	1850	2180	2430	2800	3075	3350										
DUAL (KG)		1365	1630	1920	2140	2465	2705	2950										
TRIPLE (KG)		1270	1515	1790	1995	2295	2520	2745										
480/65R28	LI					131		137		141								
SINGLE (KG)		1090	1285	1500	1750	1950	2120	2300	2430	2575								
DUAL (KG)		960	1130	1320	1540	1715	1865	2025	2140	2265								
TRIPLE (KG)		895	1055	1230	1435	1600	1740	1885	1995	2110								
480/70R24	LI					131		138										
SINGLE (KG)		1060	1285	1500	1700	1950	2120	2360										
DUAL (KG)		935	1130	1320	1495	1715	1865	2075										
TRIPLE (KG)		870	1055	1230	1395	1600	1740	1935										

170 (5,000 KG) @540 KPA

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
TIRE SIZE	INFLATION (PSI)	6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	70	75
480/70R28	LI					133		140		144	145	149	151					
SINGLE (LBS)		2540	3000	3520	4080	4540	5080	5520	5840	6150	6400	7150	7600					
DUAL (LBS)		2240	2640	3100	3590	4000	4470	4860	5140	5410	5630	6290	6690					
TRIPLE (LBS)		2080	2460	2890	3350	3720	4170	4530	4790	5040	5250	5860	6230					
480/70R30	LI					134		141		145	147	150	152					
SINGLE (LBS)		2600	3080	3640	4180	4680	5200	5680	6000	6400	6800	7400	7850					
DUAL (LBS)		2290	2710	3200	3680	4120	4580	5000	5280	5630	5980	6510	6910					
TRIPLE (LBS)		2130	2530	2980	3430	3840	4260	4660	4920	5250	5580	6070	6440					
480/70R34	LI					136		144		146	149	152	155					
SINGLE (LBS)		2760	3300	3860	4400	4940	5520	6150	6400	6600	7150	7850	8550					
DUAL (LBS)		2430	2900	3400	3870	4350	4860	5410	5630	5810	6290	6910	7520					
TRIPLE (LBS)		2260	2710	3170	3610	4050	4530	5040	5250	5410	5860	6440	7010					
480/80R26	LI					136		143		146	149							
SINGLE (LBS)		2760	3300	3860	4400	4940	5520	6000	6400	6600	7150							
DUAL (LBS)		2430	2900	3400	3870	4350	4860	5280	5630	5810	6290							
TRIPLE (LBS)		2260	2710	3170	3610	4050	4530	4920	5250	5410	5860							
480/80R30	LI					139												
SINGLE (LBS)		2910	3520	4080	4680	5360												
DUAL (LBS)		2560	3100	3590	4120	4720												
TRIPLE (LBS)		2390	2890	3350	3840	4400												
480/80R34	LI					140												
SINGLE (LBS)		3080	3740	4300	4940	5520												
DUAL (LBS)		2710	3290	3780	4350	4860												
TRIPLE (LBS)		2530	3070	3530	4050	4530												
480/80R38	LI					142		149		152	155	157	160	162	164			
SINGLE (LBS)		3300	3960	4540	5200	5840	6600	7150	7600	7850	8550	9100	9900	10500	11000			
DUAL (LBS)		2900	3480	4000	4580	5140	5810	6290	6690	6910	7520	8010	8710	9240	9680			
TRIPLE (LBS)		2710	3250	3720	4260	4790	5410	5860	6230	6440	7010	7460	8120	8610	9020			
480/80R42	LI					144		151		154	156	159	162	164	166			
SINGLE (LBS)		3420	4080	4800	5520	6150	6950	7600	8050	8250	8800	9650	10500	11000	11700			
DUAL (LBS)		3010	3590	4220	4860	5410	6120	6690	7080	7260	7740	8490	9240	9680	10300			
TRIPLE (LBS)		2800	3350	3940	4530	5040	5700	6230	6600	6770	7220	7910	8610	9020	9590			
480/80R46	LI					145		152		155	158							
SINGLE (LBS)		3640	4300	5080	5680	6400	7150	7850	8250	8550	9350							
DUAL (LBS)		3200	3780	4470	5000	5630	6290	6910	7260	7520	8230							
TRIPLE (LBS)		2980	3530	4170	4660	5250	5860	6440	6770	7010	7670							
480/80R50	LI					147		154		157	159	162	165	167	169	172	175	177
SINGLE (LBS)		3740	4540	5200	6000	6800	7600	8250	8550	9100	9650	10500	11400	12000	12900	13900	15200	16100
DUAL (LBS)		3290	4000	4580	5280	5980	6690	7260	7520	8010	8490	9240	10030	10560	11260	12230	13380	14170
TRIPLE (LBS)		3070	3720	4260	4920	5580	6230	6770	7010	7460	7910	8610	9350	9940	10500	11400	12460	13200
480/85R26	LI					138		145		148	151							
SINGLE (LBS)		2910	3520	4080	4680	5200	5840	6400	6800	6950	7600							
DUAL (LBS)		2560	3100	3590	4120	4575	5140	5630	5985	6115	6690							
TRIPLE (LBS)		2385	2885	3345	3840	4265	4790	5250	5575	5700	6230							
480/85R30	LI					140		147		150	153	156						
SINGLE (LBS)		3080	3740	4300	4940	5520	6150	6800	7150	7400	8050	8800						
DUAL (LBS)		2710	3290	3780	4350	4860	5410	5980	6290	6510	7080	7740						
TRIPLE (LBS)		2530	3070	3530	4050	4530	5040	5580	5860	6070	6600	7220						
480/85R34	LI					142		149										
SINGLE (LBS)		3300	3960	4540	5200	5840	6600	7150										
DUAL (LBS)		2900	3480	4000	4580	5140	5810	6290										
TRIPLE (LBS)		2710	3250	3720	4260	4790	5410	5860										

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

Inflation		MAX SPEED 50 KPH	TIRE LOAD LIMITS (KG.) AT VARIOUS COLD INFLATION PRESSURES (KPA)																
TIRE SIZE	(kPa)	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	520
	(bar)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2
480/70R28	LI					133		140		144	145	149	151					
SINGLE (KG)		1150	1360	1600	1850	2060	2300	2500	2650	2800	2900	3250	3450					
DUAL (KG)		1010	1195	1410	1630	1815	2025	2200	2330	2465	2550	2860	3035					
TRIPLE (KG)		945	1115	1310	1515	1690	1885	2050	2175	2295	2380	2665	2830					
480/70R30	LI					134		141		145	147	150	152					
SINGLE (KG)		1180	1400	1650	1900	2120	2360	2575	2725	2900	3075	3350	3550					
DUAL (KG)		1040	1230	1450	1670	1865	2075	2265	2400	2550	2705	2950	3125					
TRIPLE (KG)		970	1150	1355	1560	1740	1935	2110	2235	2380	2520	2745	2910					
480/70R34	LI					136		144		146	149	152	155					
SINGLE (KG)		1250	1500	1750	2000	2240	2500	2800	2900	3000	3250	3550	3875					
DUAL (KG)		1100	1320	1540	1760	1970	2200	2465	2550	2640	2860	3125	3410					
TRIPLE (KG)		1025	1230	1435	1640	1835	2050	2295	2380	2460	2665	2910	3180					
480/80R26	LI					136		143		146	149							
SINGLE (KG)		1250	1500	1750	2000	2240	2500	2725	2900	3000	3250							
DUAL (KG)		1100	1320	1540	1760	1970	2200	2400	2550	2640	2860							
TRIPLE (KG)		1025	1230	1435	1640	1835	2050	2235	2380	2460	2665							
480/80R30	LI					139												
SINGLE (KG)		1320	1600	1850	2120	2430												
DUAL (KG)		1160	1410	1630	1865	2140												
TRIPLE (KG)		1080	1310	1515	1740	1995												
480/80R34	LI					140												
SINGLE (KG)		1400	1700	1950	2240	2500												
DUAL (KG)		1230	1495	1715	1970	2200												
TRIPLE (KG)		1150	1395	1600	1835	2050												
480/80R38	LI					142		149		152	155	157	160	162	164			
SINGLE (KG)		1500	1800	2060	2360	2650	3000	3250	3450	3550	3875	4125	4500	4750	5000			
DUAL (KG)		1320	1585	1815	2075	2330	2640	2860	3035	3125	3410	3630	3960	4180	4400			
TRIPLE (KG)		1230	1475	1690	1935	2175	2460	2665	2830	2910	3180	3385	3690	3895	4100			
480/80R42	LI					144		151		154	156	159	162	164	166			
SINGLE (KG)		1550	1850	2180	2500	2800	3150	3450	3650	3750	4000	4375	4750	5000	5300			
DUAL (KG)		1365	1630	1920	2200	2465	2770	3035	3210	3300	3520	3850	4180	4400	4665			
TRIPLE (KG)		1270	1515	1790	2050	2295	2585	2830	2995	3075	3280	3590	3895	4100	4345			
480/80R46	LI					145		152		155	158							
SINGLE (KG)		1650	1950	2300	2575	2900	3250	3550	3750	3875	4250							
DUAL (KG)		1450	1715	2025	2265	2550	2860	3125	3300	3410	3740							
TRIPLE (KG)		1355	1600	1885	2110	2380	2665	2910	3075	3180	3485							
480/80R50	LI					147		154		157	159	162	165	167	169	172	175	177
SINGLE (KG)		1700	2060	2360	2725	3075	3450	3750	3875	4125	4375	4750	5150	5450	5800	6300	6900	7300
DUAL (KG)		1495	1815	2075	2400	2705	3035	3300	3410	3630	3850	4180	4530	4790	5100	5540	6070	6420
TRIPLE (KG)		1395	1690	1935	2235	2520	2830	3075	3180	3385	3590	3895	4225	4470	4760	4540	5660	5990
480/85R26	LI					138		145		148	151							
SINGLE (KG)		1320	1600	1850	2120	2360	2650	2900	3075	3150	3450							
DUAL (KG)		1160	1410	1630	1865	2075	2330	2550	2705	2770	3035							
TRIPLE (KG)		1080	1310	1515	1740	1935	2175	2380	2520	2585	2830							
480/85R30	LI					140		147		150	153	156						
SINGLE (KG)		1400	1700	1950	2240	2500	2800	3075	3250	3350	3650	4000						
DUAL (KG)		1230	1495	1715	1970	2200	2465	2705	2860	2950	3210	3520						
TRIPLE (KG)		1150	1395	1600	1835	2050	2295	2520	2665	2745	2995	3280						
480/85R34	LI					142		149										
SINGLE (KG)		1500	1800	2060	2360	2650	3000	3250										
DUAL (KG)		1320	1585	1815	2075	2330	2640	2860										
TRIPLE (KG)		1230	1475	1690	1935	2175	2460	2665										

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
TIRE SIZE	INFLATION (PSI)	6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	70	75
480/95R50	LI					152		159		162	164							
SINGLE (LBS)		4300	5200	6000	6950	7850	8550	9650	9900	10500	11000							
DUAL (LBS)		3780	4580	5280	6120	6910	7520	8490	8710	9240	9680							
TRIPLE (LBS)		3530	4260	4920	5700	6440	7520	7910	8120	8610	9020							
480/95R54	LI					153		160		163	166							
SINGLE (LBS)		4540	5360	6400	7150	8050	9100	9900	10500	10700	11700							
DUAL (LBS)		3995	4715	5630	6290	7085	8010	8710	9240	9415	10295							
TRIPLE (LBS)		3725	4395	5250	5865	6600	7460	8120	8610	8775	9595							
520/70R30	LI					139		145										
SINGLE (LBS)		2910	3520	4180	4680	5360	5840	6400										
DUAL (LBS)		2560	3100	3680	4120	4720	5140	5630										
TRIPLE (LBS)		2390	2890	3430	3840	4400	4790	5250										
520/70R38	LI					143		150										
SINGLE (LBS)		3300	3960	4680	5200	6000	6600	7400										
DUAL (LBS)		2900	3480	4120	4580	5280	5810	6510										
TRIPLE (LBS)		2710	3250	3840	4260	4920	5410	6070										
520/85R38	LI					148		155		158	160	164	167	169	170			
SINGLE (LBS)		3860	4680	5520	6150	6950	7850	8550	9100	9350	9900	11000	12000	12800	13200			
DUAL (LBS)		3400	4120	4860	5410	6120	6910	7520	8010	8230	8710	9680	10560	11265	11615			
TRIPLE (LBS)		3170	3840	4530	5040	5700	6440	7010	7460	7670	8120	9020	9840	10495	10825			
520/85R42	LI					150		157		160	162	165	168	170				
SINGLE (LBS)		4080	4940	5680	6600	7400	8250	9100	9350	9900	10500	11400	12300	13200				
DUAL (LBS)		3590	4350	5000	5810	6510	7260	8010	8230	8710	9240	10030	10820	11615				
TRIPLE (LBS)		3350	4050	4660	5410	6070	6770	7460	7665	8120	8610	9350	10085	10825				
520/85R46	LI					151		158		161	164	167	169					
SINGLE (LBS)		4300	5080	6000	6800	7600	8550	9350	9900	10200	11000	12000	12800					
DUAL (LBS)		3780	4470	5280	5980	6690	7520	8230	8710	8980	9680	10560	11260					
TRIPLE (LBS)		3530	4170	4920	5580	6230	7010	7670	8120	8360	9020	9840	10500					
520/85R50	LI					153		159		163	165							
SINGLE (LBS)		4400	5360	6150	7150	8050	8800	9650	10200	10700	11400							
DUAL (LBS)		3870	4720	5410	6290	7080	7740	8490	8980	9420	10030							
TRIPLE (LBS)		3610	4400	5040	5860	6600	7220	7910	8360	8770	9350							
540/65R24	LI					134		140		144	146							
SINGLE (LBS)		2600	3080	3640	4080	4680	5080	5520	5840	6150	6600							
DUAL (LBS)		2290	2710	3200	3590	4120	4470	4860	5140	5410	5810							
TRIPLE (LBS)		2130	2530	2980	3350	3840	4170	4530	4790	5040	5410							
540/65R30	LI					137		143		147	150							
SINGLE (LBS)		2830	3420	3960	4540	5080	5680	6000	6400	6800	7400							
DUAL (LBS)		2490	3010	3480	4000	4470	5000	5280	5630	5980	6510							
TRIPLE (LBS)		2320	2800	3250	3720	4170	4660	4920	5250	5580	6070							
540/65R34	LI					140		145		149	152							
SINGLE (LBS)		3000	3640	4180	4800	5520	6000	6400	6800	7150	7850							
DUAL (LBS)		2640	3200	3680	4220	4860	5280	5630	5980	6290	6910							
TRIPLE (LBS)		2460	2980	3430	3940	4530	4920	5250	5580	5860	6440							
540/75R28	LI					142		149		152	154							
SINGLE (LBS)		3200	3860	4540	5200	5840	6400	7150	7400	7850	8250							
DUAL (LBS)		2820	3400	4000	4580	5140	5630	6290	6510	6910	7260							
TRIPLE (LBS)		2620	3170	3720	4260	4790	5250	5860	6070	6440	6770							
540/75R34	LI					145		152		155	157							
SINGLE (LBS)		3520	4180	4940	5680	6400	6950	7850	8050	8550	9100							
DUAL (LBS)		3100	3680	4350	5000	5630	6120	6910	7080	7520	8010							
TRIPLE (LBS)		2890	3430	4050	4660	5250	5700	6440	6600	7010	7460							

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

Inflation		MAX SPEED 50 KPH			TIRE LOAD LIMITS (KG.) AT VARIOUS COLD INFLATION PRESSURES (KPA)														
TIRE SIZE	(kPa)	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	520
	(bar)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2
480/95R50	LI					152		159		162	164							
SINGLE (KG)		1950	2360	2725	3150	3550	3875	4375	4500	4750	5000							
DUAL (KG)		1720	2085	2400	2770	3125	3410	3850	3960	4180	4400							
TRIPLE (KG)		1600	1935	2235	2585	2910	3180	3590	3690	3895	4100							
480/95R54	LI					153		160		163	166							
SINGLE (KG)		2060	2430	2900	3250	3650	4125	4500	4750	4875	5300							
DUAL (KG)		1815	2140	2550	2860	3210	3630	3960	4180	4290	4665							
TRIPLE (KG)		1690	1995	2380	2665	2995	3385	3690	3895	3995	4345							
520/70R30	LI					139		145										
SINGLE (KG)		1320	1600	1900	2120	2430	2650	2900										
DUAL (KG)		1160	1410	1670	1865	2140	2330	2550										
TRIPLE (KG)		1080	1310	1560	1740	1995	2175	2380										
520/70R38	LI					143		150										
SINGLE (KG)		1500	1800	2120	2360	2725	3000	3350										
DUAL (KG)		1320	1585	1865	2075	2400	2640	2950										
TRIPLE (KG)		1230	1475	1740	1935	2235	2460	2745										
520/85R38	LI					148		155		158	160	164	167	169	170			
SINGLE (KG)		1750	2120	2500	2800	3150	3550	3875	4125	4250	4500	5000	5450	5800	6000			
DUAL (KG)		1540	1865	2200	2465	2770	3125	3410	3630	3740	3960	4400	4795	5105	5280			
TRIPLE (KG)		1435	1740	2050	2295	2585	2910	3180	3385	3485	3690	4100	4470	4755	4920			
520/85R42	LI					150		157		160	162	165	168	170				
SINGLE (KG)		1850	2240	2575	3000	3350	3750	4125	4250	4500	4750	5150	5600	6000				
DUAL (KG)		1630	1970	2265	2640	2950	3300	3630	3740	3960	4180	4530	4930	5280				
TRIPLE (KG)		1515	1835	2110	2460	2745	3075	3385	3485	3690	3895	4225	4590	4920				
520/85R46	LI					151		158		161	164	167	169					
SINGLE (KG)		1950	2300	2725	3075	3450	3875	4250	4500	4625	5000	5450	5800					
DUAL (KG)		1715	2025	2400	2705	3035	3410	3740	3960	4070	4400	4795	5105					
TRIPLE (KG)		1600	1885	2235	2520	2830	3180	3485	3690	3795	4100	4470	4755					
520/85R50	LI					153		159		163	165							
SINGLE (KG)		2000	2430	2800	3250	3650	4000	4375	4825	4875	5150							
DUAL (KG)		1760	2140	2460	2860	3210	3520	3850	4250	4290	4530							
TRIPLE (KG)		1640	1990	2300	2670	2990	3280	3590	1960	4000	4220							
540/65R24	LI					134		140		144	146							
SINGLE (KG)		1180	1400	1650	1850	2120	2300	2500	2650	2800	3000							
DUAL (KG)		1040	1230	1450	1630	1865	2025	2200	2330	2465	2640							
TRIPLE (KG)		970	1150	1355	1515	1740	1885	2050	2175	2295	2460							
540/65R30	LI					137		143		147	150							
SINGLE (KG)		1285	1550	1800	2060	2300	2575	2725	2900	3075	3350							
DUAL (KG)		1130	1365	1585	1815	2025	2265	2400	2550	2705	2950							
TRIPLE (KG)		1055	1270	1475	1690	1885	2110	2235	2380	2520	2745							
540/65R34	LI					140		145		149	152							
SINGLE (KG)		1360	1650	1900	2180	2500	2725	2900	3075	3250	3550							
DUAL (KG)		1195	1450	1670	1920	2200	2400	2550	2705	2860	3125							
TRIPLE (KG)		1115	1355	1560	1790	2050	2235	2380	2520	2665	2910							
540/75R28	LI					142		149		152	154							
SINGLE (KG)		1450	1750	2060	2360	2650	2900	3250	3350	3550	3750							
DUAL (KG)		1275	1540	1815	2075	2330	2550	2860	2950	3125	3300							
TRIPLE (KG)		1190	1435	1690	1935	2175	2380	2665	2745	2910	3075							
540/75R34	LI					145		152		155	157							
SINGLE (KG)		1600	1900	2240	2575	2900	3150	3550	3650	3875	4125							
DUAL (KG)		1410	1670	1970	2265	2550	2770	3125	3210	3410	3630							
TRIPLE (KG)		1310	1560	1835	2110	2380	2585	2910	2995	3180	3385							

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
TIRE SIZE	INFLATION (PSI)	6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	70	75
550/65R24	LI					135		140										
SINGLE (LBS)		2680	3200	3740	4300	4800	5200	5520										
DUAL (LBS)		2360	2820	3290	3780	4220	4580	4860										
TRIPLE (LBS)		2200	2620	3070	3530	3940	4260	4530										
580/70R26	LI					143		149										
SINGLE (LBS)		3300	3960	4680	5200	6000	6600	7150										
DUAL (LBS)		2900	3480	4120	4580	5280	5810	6290										
TRIPLE (LBS)		2710	3250	3840	4260	4920	5410	5860										
580/70R38	LI					148		155										
SINGLE (LBS)		3860	4680	5520	6150	6950	7850	8550										
DUAL (LBS)		3400	4120	4860	5410	6120	6910	7520										
TRIPLE (LBS)		3170	3840	4530	5040	5700	6440	7010										
580/85R42	LI					156		163		166								
SINGLE (LBS)		4800	5840	6800	7850	8800	9650	10700	11000	11700								
DUAL (LBS)		4220	5140	5980	6910	7740	8490	9420	9680	10300								
TRIPLE (LBS)		3940	4790	5580	6440	7220	7910	8770	9020	9590								
600/60R34	LI					142		149		152	155	158	164					
SINGLE (LBS)		3200	3860	4540	5200	5840	6400	7150	7400	7850	8550	9350	9900					
DUAL (LBS)		2820	3400	4000	4580	5140	5630	6290	6510	6910	7520	8230	8710					
TRIPLE (LBS)		2620	3170	3720	4260	4790	5250	5860	6070	6440	7010	7670	8120					
600/65R28	LI					142		147			154							
SINGLE (LBS)		3300	3860	4540	5200	5840	6400	6800	7400	7850	8250							
DUAL (LBS)		2900	3400	4000	4580	5140	5630	5980	6510	6910	7260							
TRIPLE (LBS)		2710	3170	3720	4260	4790	5250	5580	6070	6440	6760							
600/70R28	LI					145		152		155	157	161						
SINGLE (LBS)		3640	4300	5080	5680	6400	7150	7850	8250	8550	9100	10200						
DUAL (LBS)		3205	3785	4470	5000	5630	6290	6910	7260	7525	8010	8975						
TRIPLE (LBS)		2985	3525	4165	4660	5250	5865	6435	6765	7010	7460	8365						
600/70R30	LI					146		152		156	158	162	164					
SINGLE (LBS)		3640	4400	5200	5840	6600	7400	7850	8550	8800	9350	10500	11400					
DUAL (LBS)		3200	3870	4580	5140	5810	6510	6910	7520	7740	8230	9240	10030					
TRIPLE (LBS)		2980	3610	4260	4790	5410	6070	6440	7010	7220	7670	8610	9350					
620/70R42	LI					153		160		164	166	169	172					
SINGLE (LBS)		4540	5360	6400	7150	8050	9100	9900	10500	11000	11700	12800	13900					
DUAL (LBS)		4000	4720	5630	6290	7080	8010	8710	9240	9680	10360	11265	12230					
TRIPLE (LBS)		3720	4400	5250	5860	6600	7460	8120	8610	9020	9590	10495	11400					
620/70R46	LI					155		162		165	167	170	173	175	177			
SINGLE (LBS)		4680	5680	6600	7600	8550	9350	10500	11000	11400	12000	13200	14300	15200	16100			
DUAL (LBS)		4120	5000	5810	6690	7520	8230	9240	9680	10030	10610	11620	12580	13380	14170			
TRIPLE (LBS)		3840	4660	5410	6230	7010	7670	8610	9020	9350	9840	10820	11730	12460	13200			
620/75R26	LI					148		155		158	160	164	166					
SINGLE (LBS)		3860	4680	5520	6150	6950	7850	8550	9100	9350	9900	11000	12000					
DUAL (LBS)		3400	4120	4860	5410	6120	6910	7520	8010	8230	8710	9680	10560					
TRIPLE (LBS)		3170	3840	4530	5040	5700	6440	7010	7460	7670	8120	9020	9840					
620/75R30	LI					150		157		160	163							
SINGLE (LBS)		4180	4940	5840	6600	7400	8250	9100	9650	9900	10700							
DUAL (LBS)		3680	4350	5140	5810	6510	7260	8010	8490	8710	9420							
TRIPLE (LBS)		3430	4050	4790	5410	6070	6770	7460	7910	8120	8770							
620/75R34	LI					152		159		162	165	168	170					
SINGLE (LBS)		4400	5200	6150	6950	7850	8800	9650	10200	10500	11400	12300	13200					
DUAL (LBS)		3870	4580	5410	6120	6910	7740	8490	8980	9240	10030	10820	11620					
TRIPLE (LBS)		3610	4260	5040	5700	6440	7220	7910	8360	8610	9350	10090	10820					

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

Inflation		MAX SPEED 50 KPH			TIRE LOAD LIMITS (KG.) AT VARIOUS COLD INFLATION PRESSURES (KPA)													
TIRE SIZE	(kPa)	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	520
	(bar)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2
550/65R24	LI					135		140										
SINGLE (KG)		1215	1450	1700	1950	2180	2360	2500										
DUAL (KG)		1070	1275	1495	1715	1920	2075	2200										
TRIPLE (KG)		995	1190	1395	1600	1790	1935	2050										
580/70R26	LI					143		149										
SINGLE (KG)		1500	1800	2120	2360	2725	3000	3250										
DUAL (KG)		1320	1585	1865	2075	2400	2640	2860										
TRIPLE (KG)		1230	1475	1740	1935	2235	2460	2665										
580/70R38	LI					148		155										
SINGLE (KG)		1750	2120	2500	2800	3150	3550	3875										
DUAL (KG)		1540	1865	2200	2465	2770	3125	3410										
TRIPLE (KG)		1435	1740	2050	2295	2585	2910	3180										
580/85R42	LI					156		163			166							
SINGLE (KG)		2180	2650	3075	3550	4000	4375	4875	5000	5450	5600							
DUAL (KG)		1920	2330	2710	3120	3520	3850	4290	4400	4800	4930							
TRIPLE (KG)		1790	2170	2520	2910	3280	3590	4000	4100	4470	4590							
600/60R34	LI					142		149		152	155	158	160					
SINGLE (KG)		1450	1750	2060	2360	2650	2900	3250	3350	3550	3875	4250	4500					
DUAL (KG)		1275	1540	1815	2075	2330	2550	2860	2950	3125	3410	3740	3960					
TRIPLE (KG)		1190	1435	1690	1935	2175	2380	2665	2745	2910	3180	3485	3690					
600/65R28	LI					142		147		152	154							
SINGLE (KG)		1500	1750	2060	2360	2650	2900	3075	3350	3550	3750							
DUAL (KG)		1320	1540	1815	2075	2330	2550	2705	2950	3120	3300							
TRIPLE (KG)		1230	1435	1690	1935	2175	2380	2520	2750	2910	3075							
600/70R28	LI					145		152		155	157	161						
SINGLE (KG)		1650	1950	2300	2575	2900	3250	3550	3750	3875	4125	4625						
DUAL (KG)		1450	1715	2025	2265	2550	2860	3125	3300	3410	3630	4070						
TRIPLE (KG)		1355	1715	1885	2110	2380	2665	2910	3075	3180	3385	3795						
600/70R30	LI					146		152		156	158	162	165					
SINGLE (KG)		1650	2000	2360	2650	3000	3350	3550	3875	4000	4250	4750	5150					
DUAL (KG)		1450	1760	2075	2330	2640	2950	3125	3410	3520	3740	4180	4530					
TRIPLE (KG)		1355	1640	1935	2175	2460	2745	2910	3180	3280	3485	3895	4225					
620/70R42	LI					153		160		164	166	169	172					
SINGLE (KG)		2060	2430	2900	3250	3650	4125	4500	4750	5000	5300	5800	6300					
DUAL (KG)		1815	2140	2550	2860	3210	3630	3960	4180	4400	4660	5105	5545					
TRIPLE (KG)		1690	1995	2380	2665	2995	3385	3690	3900	4100	4350	4755	5165					
620/70R46	LI					155		162		165	167	170	173	175	177			
SINGLE (KG)		2120	2575	3000	3450	3875	4250	4750	5000	5150	5450	6000	6500	6900	7300			
DUAL (KG)		1865	2265	2640	3035	3410	3740	4180	4400	4530	4795	5280	5720	6070	6420			
TRIPLE (KG)		1740	2110	2460	2830	3180	3485	3895	4100	4225	4470	4420	5330	5660	5990			
620/75R26	LI					148		155		158	160	164	166					
SINGLE (KG)		1750	2120	2500	2800	3150	3550	3875	4125	4250	4500	5000	5300					
DUAL (KG)		1540	1865	2200	2465	2770	3125	3410	3630	3740	3960	4400	4665					
TRIPLE (KG)		1435	1740	2050	2295	2585	2910	3180	3385	3485	3690	4100	4345					
620/75R30	LI					150		157		160	163							
SINGLE (KG)		1900	2240	2650	3000	3350	3750	4125	4375	4500	4875							
DUAL (KG)		1670	1970	2330	2640	2950	3300	3630	3850	3960	4290							
TRIPLE (KG)		1560	1835	2175	2460	2745	3075	3385	3590	3690	3995							
620/75R34	LI					152		159		162	165	168	170					
SINGLE (KG)		2000	2360	2800	3150	3550	4000	4375	4625	4750	5150	5600	6000					
DUAL (KG)		1760	2075	2465	2770	3125	3520	3850	4070	4180	4530	4930	5280					
TRIPLE (KG)		1640	1935	2295	2585	2910	3280	3590	3795	3895	4225	4590	4920					

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
TIRE SIZE	INFLATION (PSI)	6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	70	75
650/65R38	LI					151	154	157		160	163	166	169	170				
SINGLE (LBS)		4180	5080	5840	6800	7600	8250	9100	9650	9900	10700	11700	12800	13600				
DUAL (LBS)		3680	4470	5140	5980	6690	7260	8010	8490	8710	9420	10300	11260	11970				
TRIPLE (LBS)		3430	4170	4790	5580	6230	6770	7460	7910	8120	8770	9590	10500	11150				
650/65R42	LI					153	154	158		162	165	168	170					
SINGLE (LBS)		4400	5360	6150	7150	8050	8800	9350	9900	10500	11400	12300	13200					
DUAL (LBS)		3870	4720	5410	6290	7080	7740	8230	8710	9240	10030	10820	11620					
TRIPLE (LBS)		3610	4400	5040	5860	6600	7220	7670	8120	8610	9350	10090	10820					
650/75R32	LI					154		160		164	167	169	172					
SINGLE (LBS)		4540	5520	6400	7400	8250	9100	9900	10700	11000	11700	12800	13900					
DUAL (LBS)		4000	4860	5630	6510	7260	8010	8710	9420	9680	10360	11260	12230					
TRIPLE (LBS)		3720	4530	5250	6070	6770	7460	8120	8770	9020	9840	10500	11400					
650/75R34	LI					155		162										
SINGLE (LBS)		4680	5680	6600	7600	8550	9350	10500										
DUAL (LBS)		4120	5000	5810	6690	7520	8230	9240										
TRIPLE (LBS)		3840	4660	5410	6230	7010	7670	8610										
650/75R38	LI					156		163		167	169							
SINGLE (LBS)		4940	6000	6950	7850	8800	9900	10700	11400	12000	12800							
DUAL (LBS)		4350	5280	6120	6910	7740	8710	9420	10030	10560	11260							
TRIPLE (LBS)		4050	4920	5700	6440	7220	8120	8770	9350	9840	10500							
650/85R38	LI					160		167		170	173							
SINGLE (LBS)		5520	6600	7850	8800	9900	11000	12000	12800	13200	14300							
DUAL (LBS)		4860	5810	6910	7740	8710	9680	10560	11260	11620	12580							
TRIPLE (LBS)		4530	5410	6440	7220	8120	9020	9840	10500	10820	11730							
650/85R42	LI					162		169		172	174							
SINGLE (LBS)		5840	6950	8050	9350	10500	11700	12800	13200	13900	14800							
DUAL (LBS)		5140	6120	7080	8230	9240	10300	11260	11620	12230	13020							
TRIPLE (LBS)		4790	5700	6600	7670	8610	9590	10500	10820	11400	12140							
710/65R26	LI					150		156		160	162	166	168	169				
SINGLE (LBS)		4080	4940	5840	6600	7400	8050	8800	9350	9900	10500	11700	12300	12800(49)				
DUAL (LBS)		3590	4350	5140	5810	6510	7080	7740	8230	8710	9240	10300	10820	11260				
TRIPLE (LBS)		3350	4050	4790	5410	6070	6600	7220	7670	8120	8610	9590	10090	11500				
710/60R30	LI							155		159	162							
SINGLE (LBS)		3960	4680	5520	6400	7150	7850	8550	9100	9650	10500							
DUAL (LBS)		3485	4120	4860	5630	6290	6910	7525	8010	9650	9240							
TRIPLE (LBS)		3245	3840	4525	5250	5865	6435	7010	7460	7915	8610							
710/70R38	LI					159		166		169	171	175	177	179				
SINGLE (LBS)		5360	6400	7400	8550	9650	10700	11700	12300	12800	13600	15200	16100	17100				
DUAL (LBS)		4720	5630	6510	7520	8490	9420	10300	10820	11260	11970	13380	14170	15050				
TRIPLE (LBS)		4400	5250	6070	7010	7910	8770	9590	10090	10500	11150	12460	13200	14020				
710/70R42	LI					160		168		171	173	176	179					
SINGLE (LBS)		5520	6600	7850	8800	9900	11000	12300	12800	13600	14300	15700	17100					
DUAL (LBS)		4860	5810	6910	7740	8710	9680	10820	11260	11970	12580	13820	15050					
TRIPLE (LBS)		4530	5410	6440	7220	8120	9020	10090	10500	11150	11730	12870	14020					
750/55R26	LI					147		154		157	160							
SINGLE (LBS)		3740	4540	5200	6000	6800	7400	8250	8800	9100	9900							
DUAL (LBS)		3290	4000	4580	5280	5980	6510	7260	7740	8010	8710							
TRIPLE (LBS)		3070	3720	4260	4920	5580	6070	6770	7220	7460	8120							
750/65R26	LI					153		159		163	166							
SINGLE (LBS)		4540	5360	6400	7150	8050	8800	9650	10200	10700	11700							
DUAL (LBS)		3995	4715	5630	6290	7085	7745	8490	8975	9415	10295							
TRIPLE (LBS)		3725	4395	5250	5865	6600	7215	7915	8365	8775	9595							

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

Inflation		MAX SPEED 50 KPH			TIRE LOAD LIMITS (KG.) AT VARIOUS COLD INFLATION PRESSURES (KPA)													
TIRE SIZE	(kPa)	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	520
	(bar)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2
650/65R38	LI					151	154	157		160	163	166	169	171				
SINGLE (KG)		1900	2300	2650	3075	3450	3750	4125	4375	4500	4875	5300	5800	6050				
DUAL (KG)		1670	2025	2330	2705	3035	3300	3630	3850	3960	4290	4660	5100	5410				
TRIPLE (KG)		1560	1885	2175	2520	2830	3075	3385	3590	3680	4000	4350	4760	5040				
650/65R42	LI					153	154	158		162	165	168	170					
SINGLE (KG)		2000	2430	2800	3250	3650	4000	4250	4500	4750	5150	5600	6000					
DUAL (KG)		1760	2140	2465	2860	3210	3520	3740	3960	4180	4530	4930	5280					
TRIPLE (KG)		1640	1995	2295	2665	2995	3280	3485	3690	3895	4225	4590	4920					
650/75R32	LI					154		160		164	167	169	172					
SINGLE (KG)		2060	2500	2900	3350	3750	4125	4500	4875	5000	5450	5800	6300					
DUAL (KG)		1815	2200	2550	2950	3300	3630	3960	4290	4400	4795	5105	5540					
TRIPLE (KG)		1690	2050	2380	2745	3075	3385	3690	3995	4100	4470	4755	5170					
650/75R34	LI					155		162										
SINGLE (KG)		2120	2575	3000	3450	3875	4250	4750										
DUAL (KG)		1865	2265	2640	3035	3410	3740	4180										
TRIPLE (KG)		1740	2110	2460	2830	3180	3485	3895										
650/75R38	LI					156		163		167	169							
SINGLE (KG)		2240	2725	3150	3550	4000	4500	4875	5150	5450	5800							
DUAL (KG)		1970	2400	2770	3125	3520	3960	4290	4530	4795	5105							
TRIPLE (KG)		1835	2235	2585	2910	3280	3690	3995	4225	4470	4755							
650/85R38	LI					160		167		170	173							
SINGLE (KG)		2500	3000	3550	4000	4500	5000	5450	5800	6000	6500							
DUAL (KG)		2200	2640	3125	3520	3960	4400	4795	5105	5280	5720							
TRIPLE (KG)		2050	2460	2910	3280	3690	4100	4470	4755	4920	5330							
650/85R42	LI					162		169		172	174							
SINGLE (KG)		2650	3150	3650	4250	4750	5300	6000	6000	6300	6700							
DUAL (KG)		2330	2770	3210	3740	4180	4660	5280	5280	5540	5900							
TRIPLE (KG)		2170	2580	2990	3490	3890	4350	4920	4920	5170	5490							
710/65R26	LI					150		156		160	162	166	168	169				
SINGLE (LBS)		1850	2240	2650	3000	3350	3650	4000	4250	4500	5300	5300	5600	5800(3.4)				
DUAL (LBS)		1630	1970	2330	2640	2950	3210	3520	3740	3960	4660	4660	4930	5100				
TRIPLE (LBS)		1520	1840	2170	2460	2750	2990	3280	3490	3690	4350	4350	4590	4750				
710/60R30	LI					149		155		159	162							
SINGLE (LBS)		1800	2120	2500	2900	3250	3550	3875	4125	4375	4750							
DUAL (LBS)		1585	1865	2200	2550	2860	3125	3410	3630	3850	4180							
TRIPLE (LBS)		1475	1740	2050	2380	2665	2910	3180	3380	3590	3895							
710/70R38	LI					159		166		169	171	175	177	179				
SINGLE (KG)		2430	2900	3350	3875	4375	4875	5300	5600	5800	6150	6900	7300	7750				
DUAL (KG)		2140	2550	2950	3410	3850	4290	4665	4930	5105	5410	6070	6420	6820				
TRIPLE (KG)		1995	2380	2745	3180	3590	3995	4345	4590	4755	5045	5660	5990	6360				
710/70R42	LI					160		168		171	173	176	179					
SINGLE (KG)		2500	3000	3550	4000	4500	5000	5600	5800	6150	6500	7100	7750					
DUAL (KG)		2200	2640	3125	3520	3960	4400	4930	5105	5410	5720	6250	6820					
TRIPLE (KG)		2050	2460	2910	3280	3690	4100	4590	4755	5045	5330	5820	6355					
750/55R26	LI					147		154		157	160							
SINGLE (KG)		1700	2060	2360	2725	3075	3350	3750	4000	4125	4500							
DUAL (KG)		1495	1815	2075	2400	2705	2950	3300	3520	3630	3960							
TRIPLE (KG)		1395	1690	1935	2235	2520	2745	3075	3280	3385	3690							
750/65R26	LI					153		159		163	166							
SINGLE (KG)		2060	2430	2900	3250	3650	4000	4375	4625	4875	5300							
DUAL (KG)		1815	2140	2550	2860	3210	3520	3850	4070	4290	4665							
TRIPLE (KG)		1690	1995	2380	2665	2995	3280	3590	3795	3995	4345							

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
TIRE SIZE	INFLATION (PSI)	6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	70	75
800/65R32	LI					159		166		169	172	175	178					
SINGLE (LBS)		5360	6600	7600	8800	9650	10700	11700	12300	12800	13900	15200	16500					
DUAL (LBS)		4720	5810	6690	7740	8490	9420	10300	10820	11260	12230	13380	14520					
TRIPLE (LBS)		4400	5410	6230	7220	7910	8770	9590	10090	10500	11400	12460	13530					
800/70R38	LI					166		173		176	178	181						
SINGLE (LBS)		6400	7600	9100	10200	11700	12800	14300	14800	15700	16500	18200						
DUAL (LBS)		5630	6690	8010	8980	10300	11260	12580	13020	13820	14520	16020						
TRIPLE (LBS)		5250	6230	7460	8360	9590	10500	11730	12140	12870	13530	14920						
800/70R42	LI					167		174		177	179							
SINGLE (LBS)		6800	8050	9350	10700	12000	13600	14800	15700	16100	17100							
DUAL (LBS)		5980	7080	8230	9420	10560	11970	13020	13820	14170	15050							
TRIPLE (LBS)		5580	6600	7670	8770	9840	11150	12140	12870	13200	14020							
850/75R42	LI					173		179		182	185							
SINGLE (LBS)		7850	9350	11000	128000	14300	15700	17100	18200	18700	20700							
DUAL (LBS)		6910	8230	9680	11265	12585	13815	15050	16015	16455	18215							
TRIPLE (LBS)		6435	7665	9020	10495	11725	12875	14020	14925	15335	16975							
850/80R38	LI					173		180										
SINGLE (LBS)		8050	9650	11400	12800	14300	16100	17600										
DUAL (LBS)		7080	8490	10030	11260	12580	14170	15490										
TRIPLE (LBS)		6600	7910	9350	10500	11730	13200	14430										
900/50R42	LI					161		168		172	174	178						
SINGLE (LBS)		5680	6800	7850	9100	10200	11400	12300	13200	13900	14800	16500						
DUAL (LBS)		5000	5980	6910	8010	8980	10030	10820	11615	12230	13025	14520						
TRIPLE (LBS)		4660	5580	6440	7460	8360	9350	10090	10825	11400	12135	13530						
900/50R46	LI					162		169		173	176	179	181					
SINGLE (LBS)		5840	7150	8250	9350	10500	11700	12800	13600	14300	15700	17100	18200					
DUAL (LBS)		5140	6290	7260	8230	9240	10295	11265	11970	12585	13815	15050	16015					
TRIPLE (LBS)		4790	5865	6765	7665	8610	9595	10495	11150	11725	12875	14020	14925					
900/55R32	LI					160		167		170	173							
SINGLE (LBS)		5520	6600	7600	8800	9900	11000	12000	12800	13200	14300							
DUAL (LBS)		4860	5810	6690	7740	8710	9680	10560	11260	11620	12580							
TRIPLE (LBS)		4530	5410	6230	7220	8120	9020	9840	10500	10820	11730							
900/60R32	LI					163		169		173	176	179	181	183	185			
SINGLE (LBS)		5840	7150	8250	9350	10700	11700	12800	13900	14300	15700	17100	18200	19300	20400			
DUAL (LBS)		5140	6290	7260	8230	9420	10300	11260	12230	12580	13820	15050	16020	16980	17950			
TRIPLE (LBS)		4790	5860	6770	7670	8770	9590	10500	11400	11730	12870	14020	14920	15830	16730			
900/60R42	LI					167		174		177	180							
SINGLE (LBS)		6600	8050	9350	10500	12000	13200	14800	15200	16100	17600							
DUAL (LBS)		5810	7080	8230	9240	10560	11620	13020	13380	14170	15490							
TRIPLE (LBS)		5410	6600	7670	8610	9840	10820	12140	12460	13200	14430							
900/65R32	LI					166		172		176	178							
SINGLE (LBS)		6600	7850	9100	10500	11700	12800	13900	14800	15700	16500							
DUAL (LBS)		5810	6910	8010	9240	10300	11260	12230	13020	13820	14520							
TRIPLE (LBS)		5410	6440	7460	8610	9590	10500	11400	12140	12870	13530							
900/70R32	LI					170		177		180	182	185						
SINGLE (LBS)		7150	8800	10200	11700	13200	14300	16100	16500	17600	18700	* 20400						
DUAL (LBS)		6290	7740	8980	10300	11620	12580	14170	14520	15490	16460	17950						
TRIPLE (LBS)		5860	7220	8360	9590	10820	11730	13200	13530	14430	15330	16730						
900/75R32	LI					172		179		182	184							
SINGLE (LBS)		7850	9350	10700	12300	13900	15700	17100	17600	18700	19800							
DUAL (LBS)		6910	8230	9415	10825	12230	13815	15050	15490	16455	17425							
TRIPLE (LBS)		6435	7665	8775	10085	11400	12875	14020	14430	15335	16235							

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

Inflation		MAX SPEED 50 KPH			TIRE LOAD LIMITS (KG.) AT VARIOUS COLD INFLATION PRESSURES (KPA)													
TIRE SIZE	(kPa)	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	520
	(bar)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2
800/65R32	LI					159		166		169	172	175	178					
SINGLE (KG)		2430	3000	3450	4000	4375	4875	5300	5600	5800	6300	6900	7500					
DUAL (KG)		2140	2640	3035	3520	3850	4290	4665	4930	5105	5545	6070	6600					
TRIPLE (KG)		1995	2460	2830	3280	3590	3995	4345	4590	4755	5165	5660	6150					
800/70R38	LI					166		173		176	178	181						
SINGLE (KG)		2900	3450	4125	4625	5300	5800	6500	6700	7100	7500	8250						
DUAL (KG)		2550	3035	3630	4070	4665	5105	5720	5900	6250	6600	7260						
TRIPLE (KG)		2380	2830	3385	3795	4345	4755	5330	5500	5820	6150	6760						
800/70R42	LI					167		174		177	179							
SINGLE (KG)		3075	3650	4250	4875	5450	6150	6700	7100	7300	7750							
DUAL (KG)		2710	3210	3740	4290	4800	5410	5900	6250	6420	6820							
TRIPLE (KG)		2520	2990	3490	4000	4470	5040	5490	5820	5990	6360							
850/75R42	LI					173		179		182	185							
SINGLE (KG)		3550	4250	5000	5800	6500	7100	7750	8250	8500	9250							
DUAL (KG)		3125	3740	4400	5105	5720	6250	6820	7260	7480	8140							
TRIPLE (KG)		2910	3485	4100	4755	5330	5820	6355	6765	6970	7585							
850/80R38	LI					173		180										
SINGLE (KG)		3650	4375	5150	5800	6500	7300	8000										
DUAL (KG)		3210	3850	4530	5105	5720	6425	7040										
TRIPLE (KG)		2995	3590	4225	4755	5330	5985	6560										
900/50R42	LI					161		168		172	174	178						
SINGLE (KG)		2575	3075	3550	4125	4625	5150	5600	6000	6300	6700	7300						
DUAL (KG)		2265	2705	3125	3630	4070	4530	4930	5280	5545	5895	6425						
TRIPLE (KG)		2110	2520	2910	3385	3795	4225	4590	4920	5165	5495	5985						
900/50R46	LI					162		169		173	176	179	181					
SINGLE (KG)		2650	3250	3750	4250	4750	5300	5800	6150	6500	7100	7750	8250					
DUAL (KG)		2330	2860	3300	3740	4180	4665	5105	5410	5720	6250	6820	7260					
TRIPLE (KG)		2175	2665	3075	3485	3895	4345	4755	5045	5330	5820	6355	6765					
900/55R32	LI					160		167		170	173							
SINGLE (KG)		2500	3000	3450	4000	4500	5000	5450	5800	6000	6500							
DUAL (KG)		2200	2640	3035	3520	3960	4400	4795	5105	5280	5720							
TRIPLE (KG)		2050	2460	2830	3280	3690	4100	4470	4755	4920	5330							
900/60R32	LI					163		169		173	176	179	181	183	185			
SINGLE (KG)		2650	3250	3750	4250	4875	5300	5800	6300	6500	7100	7750	8250	8750	9250			
DUAL (KG)		2330	2860	3300	3740	4290	4665	5105	5545	5720	6250	6820	7260	7700	8140			
TRIPLE (KG)		2175	2665	3075	3485	3995	4345	4755	5165	5330	5820	6360	6770	7180	7590			
900/60R42	LI					167		174		177	180							
SINGLE (KG)		3000	3650	4250	4750	5450	6000	6700	6900	7300	8000							
DUAL (KG)		2640	3210	3740	4180	4800	5280	5900	6070	6420	7040							
TRIPLE (KG)		2460	2990	3490	3890	4470	4920	5490	5660	5990	6560							
900/65R32	LI					166		172		176	178							
SINGLE (KG)		3000	3550	4125	4750	5300	5800	6300	6700	7100	7500							
DUAL (KG)		2640	3125	3630	4180	4665	5105	5545	5900	6250	6600							
TRIPLE (KG)		2460	2910	3385	3895	4345	4755	5165	5490	5820	6150							
900/70R32	LI					170		177		180	182	185						
SINGLE (KG)		3250	4000	4625	5300	6000	6500	7300	7500	8000	8500	9250						
DUAL (KG)		2860	3520	4070	4660	5280	5720	6420	6600	7040	7480	8140						
TRIPLE (KG)		2670	3280	3790	4350	4920	5330	5990	6150	6560	6970							
900/75R32	LI					172		179		182	184							
SINGLE (KG)		3550	4250	4875	5600	6300	7100	7750	8000	8500	9000							
DUAL (KG)		3125	3740	4290	4930	5545	6250	6820	7040	7480	7920							
TRIPLE (KG)		2910	3485	4000	4590	5165	5820	6355	6560	6970	7380							

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 30 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

MAX SPEED 30 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
TIRE SIZE	INFLATION (PSI)	6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	70	75
1100/45R46	LI					170		177		180	183	186	189					
SINGLE (LBS)		7400	8800	10200	11700	13200	14800	16100	17100	17600	19300	20900	22700					
DUAL (LBS)		6510	7745	8975	10295	11220	13025	14170	15050	15490	16985	18390	19975					
TRIPLE (LBS)		6070	7215	8365	9595	10825	12135	13200	14020	14430	15825	17140	18615					

1. For shipping purposes, tire inflation pressures may be increased to 30 psi (consult tire manufacturer for minimum tire shipping pressure). Inflation pressure must be reduced to operating inflation before the tractor is removed from the carrier.
2. For above tires used in cyclic loading service, the loads maybe increased by 70% for 6 mph (10Km/h) applications and 55% for 10 mph (15Km/h) applications with an increase in inflation pressures of up to 25% with a minimum of + 40 kPa (6psi) and a maximum of + 80 kPa (12psi).
3. For transport service and operations which do not require sustained high torque, the following load limits at various speeds apply with no change in inflation pressure.*
4. When used as duals tire load must be reduced. Multiply figures in table by .88.
5. a. The above loads are also applicable to equipment, including hillside combines, operating on 11 degree (20 percent grade). Load adjustments of note three below 20 mph do not apply.
   b. When used as triples tire load must be reduced. Multiply figures in table by .82.
6. For field service sprayer (cyclic) applications, tire loads may be increased with no change in inflation pressures. (See chart) Field service sprayer loads are never to be used for road transport.#
7. For tractor loader service to 5 mph up to 2000 ft. and carry bales on smooth roads to 10 mph up to 2 miles, loads may be increased per adjacent table. For stationary, creep and 2 1/2 mph max also.

*

MAX SPEED	% CHANGE in Loads in above tables
10 MPH	+34% (except Hillside Combines)
15 MPH	+11% (except Hillside Combines)
20 MPH	+7%
25 MPH	NONE
30 MPH	NONE

#

MAXIMUM SPEED	% LOAD
15 MPH	+22%
20 MPH	+14%

SPEED	LOAD INCREASE	INFLATION INCREASE
Stationary	+189%	+6 psi
	+103%	+6 psi
2 1/2 mph	+82%	+6 psi
5 mph	+60%	+6 psi
10 mph	+50%	+6 psi

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 50 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

Inflation		MAX SPEED 50 KPH			TIRE LOAD LIMITS (KG.) AT VARIOUS COLD INFLATION PRESSURES (KPA)													
TIRE SIZE	(kPa)	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	520
	(bar)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2
1100/45R46	LI					170		177		180	183	186	189					
SINGLE (KG)		3350	4000	4625	5300	6000	6700	7300	7750	8000	8750	9500	10300					
DUAL (KG)		2950	3520	4070	4665	5280	5895	6425	6820	7040	7700	8360	9065					
TRIPLE (KG)		2745	3280	3795	4345	4920	5495	5985	6355	6560	7175	7790	8445					

1. For shipping purposes, tire inflation pressures may be increased to 2 bar (consult tire manufacturer for minimum tire shipping pressure). Inflation pressure must be reduced to operating inflation before the tractor is removed from the carrier.
2. For above tires used in cyclic loading service, the loads maybe increased by 70% for 6 mph (10Km/h) applications and 55% for 10 mph (15Km/h) applications with an increase in inflation pressures of up to 25% with a minimum of + 40 kPa (6psi) and a maximum of + 80 kPa (12psi).
3. For transport service and operations which do not require sustained high torque, the following load limits at various speeds apply with no change in inflation pressure.*
4. When used as duals tire load must be reduced. Multiply figures in table by .88.
5. a. The above loads are also applicable to equipment, including hillside combines, operating on 11 degree (20 percent grade). Load adjustments of note three below 20 mph do not apply.
   b. When used as triples tire load must be reduced. Multiply figures in table by .82.
6. For field service sprayer (cyclic) applications, tire loads may be increased with no change in inflation pressures. (See chart) Field service sprayer loads are never to be used for road transport.#
7. For tractor loader service to 5 mph up to 2000 ft. and carry bales on smooth roads to 10 mph up to 2 miles, loads may be increased per adjacent table. For stationary, creep and 2 1/2 mph max also.

*

MAX SPEED	% CHANGE in Loads in above tables
15 KPH	+34% (except Hillside Combines)
25 KPH	+11% (except Hillside Combines)
30 KPH	+7%
40 KPH	NONE
50 KPH	NONE

\#

MAXIMUM SPEED	% LOAD
25 KPH	+22%
30 KPH	+14%

SPEED	LOAD INCREASE	INFLATION INCREASE
Stationary	+189%	.4 BAR
Creep	+103%	.4 BAR
5 KPH	+82%	.4 BAR
10 KPH	+60%	.4 BAR
15 KPH	+50%	.4 BAR

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 40 MPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 20 MPH) AND LOWER PRESSURES (LESS THAN 12 PSI), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

Max Speed 40 MPH		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)															
Tire Size	Inflation (psi)	6	7	9	10	12	13	15	17	20	23	26	29	35	41	46	52
320/85R34	Load Index															146	
SINGLE (LBS)		NR	NR	1760	1870	2040	2200	2340	2600	2830	3080	3300	3520	3740	4080	4400	
DUAL (LBS)		1260	1380	1550	1650	1800	1940	2060	2290	2490	2710	2900	3100	3290	3590	3870	
TRIPLE (LBS)		1170	1290	1440	1530	1670	1800	1920	2130	2320	2530	2710	2890	3070	3350	3610	
380/85R46	Load Index															146	
SINGLE (LBS)		NR	NR	2600	2760	300	3200	3520	3960	4400	4800	5080	5200	5520	6150	6600	
DUAL (LBS)		1940	2110	2290	2430	2640	2820	3100	3480	3870	4220	4470	4580	4860	5410	5810	
TRIPLE (LBS)		1800	1970	2130	2260	2460	2620	2890	3250	3610	3940	4170	4260	4530	5040	5410	

LOAD & INFLATION TABLE

Radial Ply Metric Size Agricultural Tractor Drive Wheel Tires Used in Field Service and Speeds Up To 65 KPH

AT HIGHER TRANSPORT SPEEDS (ABOVE 30 KPH) AND LOWER PRESSURES (LESS THAN 0.8 BAR), INCREASED INFLATION PRESSURE MAY BE REQUIRED FOR VEHICLE STABILITY.

	Inflation	Max Speed 65 KPH	TIRE LOAD LIMITS (KG) AT VARIOUS COLD INFLATION PRESSURES (kPa)															
Tire Size	(kPa)	40	50	55	60	70	80	100	110	120	140	150	160	180	190	210	240
	(bar)	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6
320/85R34	Load Index															146	
SINGLE (KG)		NR	NR	800	850	925	1000	1060	1180	1285	1400	1500	1600	1700	1850	2000	
DUAL (KG)		570	620	700	750	810	880	930	1040	1130	1230	1320	1410	1500	1630	1760	
TRIPLE (KG)		530	580	660	700	760	820	870	970	1050	1150	1230	1310	1390	1520	1640	
380/85R46	Load Index															146	
SINGLE (KG)		NR	NR	1180	1250	1360	1450	1600	1800	2000	2180	2300	2360	2500	2800	3000	
DUAL (KG)		880	960	1040	1100	1200	1280	1410	1580	1760	1920	2020	2080	2200	2460	2640	
TRIPLE (KG)		820	890	970	1030	1120	1190	1310	1480	1640	1790	1890	1940	2050	2300	2460	

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Optitrac R+

Tire Size	Speed mph	LOAD CAPACITY PER TIRE (LBS.)											
		9	12	15	17	20	23	26	29	32	35	38	41
600/70R30	43			5765	6205	6655	7105						
	40			6335	6820	7315	7850(152D)						
	35			6465	6955	7460	7970						
	30			6690	7195	7715	8245						
	25		6425	6975	7505	8050	8550(155A8)						
	20	6150	6720	7280	7845	8415	8990						
	15	6335	6920	7515	8085	8670	9250						
	12.5	6580	7185	7790	8395	9000	9605						
	5	6580	8260	8875	9495	10110	10725	11650					
600/65R34	43			5300	5841	6380	6910	7250	7590	7920	8260		
	40			5830	6425	7005	7590	7965	8340	8700	9100 (157D)		
	35			5920	6525	7115	7700	8085	8460	8835	9205		
	30			6125	6745	7360	7975	8360	8755	9140	9525		
	25		5740	6380	7030	7680	8250	8725	9130	9525	9900(160A8)		
	20	5370	6040	6710	7390	8065	8735	9165	9590	10010	10440		
	15	5520	6215	6910	7610	8305	9000	9440	9880	10310	10760		
	12.5	5740	6460	7170	7900	8625	9340	9800	10250	10705	11165		
	5	6030	7295	8020	8755	9480	10220	10945	11570	12035	12495	12960	13430
620/75R30	43			6380	6840	7295	7755	8260	8755	9260	9755		
	40			7010	7515	8020	8525	9075	9625	10175	10700(163D)		
	35			7115	7625	8140	8655	9210	9680	10330	10230		
	30			7360	7885	8415	8655	9525	10110	10680	11000		
	25		7115	7680	8230	8780	9350	9935	10540	11145	11700(166A8)		
	20	6895	7480	8065	8635	9220	9800	10440	11065	11705	12330		
	15	7105	7700	8305	8900	9505	10100	10760	11410	12055	12705		
	12.5	7370	8000	8625	9240	9865	10485	11165	11835	12520	13190		
	5	7370	9250	9880	10515	11145	11780	12410	13070	13750	14445	15125	15820
650/60R34	43			5620	6170	6745	7305	7665	8040	8395	8755		
	40			6170	6785	7415	8030	8425	8835	9230	9650(159D)		
	35			6260	6885	7525	8150	8550	8965	9370	9770		
	30			6480	7130	7790	8435	8845	9275	9690	10110		
	25		6070	6755	7435	8120	8790	9230	9670	10110	10500(162A8)		
	20	5665	6380	7095	7810	8525	9240	9690	10155	10615	11065		
	15	5840	6565	7315	8040	8790	9515	9990	10470	10935	11405		
	12.5	6060	6820	7590	8350	9120	9880	10360	10870	11350	11835		
	5	6930	7700	8480	9250	10030	10800	11585	12245	12740	13245	13740	14235
650/85R38	43		8745	9470	10185	10910	11440	11960	12495	13015			
	40		9615	10405	11200	11990	12575	13145	13730	14300(173D)			
	35		9760	10560	11365	12165	12760	13345	13940	14520			
	30		10100	10925	11760	12595	13200	13805	14410	15700(176A8)			
	25	9660	10525	11395	12265	13200	13770	14400	15040	15700			
	20	9240	10140	11055	11970	12880	13795	14455	15115	15785	16445		
	15	9515	10450	11395	12330	13265	14210	14895	15575	16270	16950		
	12.5	9880	10845	11825	12805	13770	14750	15465	16170	16885	17590		
	5	9880	12440	13430	14420	15410	16400	17390	18270	19000	19725	20440	21165
710/70R42	43			8865	9650	10430	11210	11660	12110	12560	13015		
	40			9745	10605	11460	12320	12815	13310	13805	14300(173D)		
	35			9890	10760	11640	12505	13000	13510	14015	14520		
	30			10230	11130	1235	12940	13455	13980	14500	15700(176A8)		
	25		9735	10670	11615	12550	13530	14035	14575	15115	15700		
	20	9240	10220	11210	12200	13180	14170	14740	15310	15875	16445		
	15	9515	10530	11550	12560	13585	14600	15190	15775	16360	16950		
	12.5	9880	10935	11990	13045	14100	15160	15765	16370	16985	17590		
	5	9880	12475	13550	14620	15700	16765	17840	18735	19350	19965	20580	21210
710/75R42	43			9460	10310	11165	12010	12465	12915	13365	13815		
	40			10395	11330	12265	13200	13695	14190	14685	15200(175D)		
	35			10550	11495	12450	13400	13905	14400	14905	15410		
	30			10910	11900	12880	13860	14375	14905	15420	16500(178A8)		
	25		10360	11385	12410	13430	14300	14995	15545	16080	16500		
	20	9800	10880	11960	13035	14100	15180	15750	16325	16885	17460		
	15	10100	11210	12320	13430	14530	15640	16225	16820	17400	17985		
	12.5	10485	11640	12780	13940	15080	16235	16840	17460	18060	18670		
	5	10485	13255	14420	15600	16765	17930	19100	20055	20670	21285	21900	22530

1. When used as duals above loads must be reduced by .88 and triples .82
2 Cyclic loaded field service does not apply to the above tires.
3. No other plus ups apply to the above tires.

IF ___CFO LOAD AND INFLATION TABLE

Table are for all IF___CFO tires any design

	SPEED	Inflation Pressure			TIRE LOAD LIMITS (KG) AT VARIOUS COLD INFLATION PRESSURES (kPa)												
Tire Size	(mph)/km/h	psi	6	9	12	15	17	20	23	26	29	32	35	38	41	44	46
		Bar	0.4	0.6	0.8	1.	1.2	1.4	1.6	1.8	2	2.2	2.4	2.6	2.8	3	3.2
IF520/85R42CFO	(25)/40	lbs	4940	5840	6950	7850	8800	9900	10700	11400	11700	12300	12800(169)				
		kg	2240	2650	3150	3550	4000	4500	4875	5150	5300	5600	5800(169)				
	(0-10)/0-15**	lbs	7655	9050	10775	12170	13640	15345	16585	17670	18135	19065	19840				
		kg	3470	4110	4885	5505	6200	6975	7555	7985	8215	8680	8990				
	(10-20)/15-30**	lbs	6420	7590	9035	10205	11440	12870	13910	14820	15210	15990	16640				
		kg	2910	3445	4095	4615	5200	5850	6340	6695	6890	7280	7540				
IF580/80R34CFO	(25)/40	lbs	4940	6000	6950	8050	9100	9900	11000	11700	12000	12300	12800	13600	13900	14800	15200(175)
		kg	2240	2725	3150	3650	4125	4500	5000	5300	5450	5600	5800	6150	6300	6700	6900(175)
	(0-10)/0-15**	lbs	7655	9300	10775	12480	14105	15345	17050	18135	18600	19065	19840	21080	21545	22940	23560
		kg	3470	4225	4885	5660	6395	6975	7750	8215	8450	8680	8990	9535	9765	10385	10695
	(10-20)/15-30**	lbs	6420	7800	9035	10465	11830	12870	14300	15210	15600	15990	16640	17680	18070	19240	19760
		kg	2910	3545	4095	4745	5365	5850	6500	6890	7085	7280	7540	7995	8190	8710	8970
IF710/60R30CFO	(25)/40	lbs	4680	5680	6600	7600	8550	9350	10500	11000	11700	12000	12300(168)				
		kg	2120	2575	3000	3450	3875	4250	4750	5000	5300	5450	5600(168)				
	(0-10)/0-15**	lbs	7255	8805	10230	11780	13255	14495	16275	17050	18135	18600	19065				
		kg	3285	3990	4650	5350	6005	6590	7365	7750	8215	8450	8680				
	(10-20)/15-30**	lbs	6085	7385	8580	9880	11115	12155	13650	14300	15210	15600	15990				
		kg	2755	3350	3900	4485	5040	5525	6175	6500	6890	7085	7280				
IF800/70R32CFO	(25)/40	lbs	7150	8550	9900	11400	12800	14300	15700	16500	17100	18200	18700(182)				
		kg	3250	3875	4500	5150	5800	6500	7100	7500	7750	8250	8500(182)				
	(0-10)/0-15**	lbs	11085	13255	15345	17670	19840	22165	24335	25575	26505	28210	28985				
		kg	5040	6005	6975	7085	8990	10075	11005	11625	12015	12785	13175				
	(10-20)/15-30**	lbs	9295	11115	12870	14820	16640	18590	20410	21450	22230	23660	24310				
		kg	4225	5040	5850	6695	7540	8450	9230	9750	10075	10725	11050				
IF800/75R32CFO	(25)/40	lbs	7600	9100	10700	12300	13900	15200	17100	17600	18700	19300	19800(184)				
		kg	3450	4125	4875	5600	6300	6900	7750	8000	8500	8750	9000(184)				
	(0-10)/0-15**	lbs	11780	14105	16585	19065	21545	23560	26505	27280	28985	29915	30690				
		kg	5350	6395	7555	8680	9765	10695	12015	12400	13175	13565	13950				
	(10-20)/15-30**	lbs	9880	11830	13910	15990	18070	19760	22230	22880	24310	25090	25740				
		kg	4485	5365	6340	7280	8190	8970	10075	10400	11050	11375	11700				
IF800/70R38CFO	(25)/40	lbs	7600	9350	10700	12300	13900	15200	17100	17600	18700	19300	19800(184)				
		kg	3450	4250	4875	5600	6300	6900	7750	8000	8500	8750	9000(184)				
	(0-10)/0-15**	lbs	11780	14495	16585	19065	21545	23560	26505	27280	28985	29915	30690				
		kg	5348	6588	7555	8680	9765	10695	12015	12400	13175	13565	13950				
	(10-20)/15-30**	lbs	9880	12155	13910	15990	18070	19760	22230	22880	24310	25090	25740				
		kg	4485	5525	6340	7280	8190	8970	10075	10400	11050	11375	11700				
IF900/50R46CFO	(25)/40	lbs	7150	8550	9900	11400	12800	14300	15700	16500	17100	18200	18700	19300	20400(185)		
		kg	3250	3875	4500	5150	5800	6500	7100	7500	7750	8250	8500	8750	9250(185)		
	(0-10)/0-15**	lbs	11085	13255	15345	17670	19840	22165	24335	25575	26505	28210	28985	29915	31620		
		kg	5040	6005	6975	7985	8990	10075	11005	11625	12015	12790	13175	13565	14340		
	(10-20)/15-30**	lbs	9295	11115	12870	14820	16640	18590	20410	21450	22230	23660	24310	25090	26520		
		kg	4225	5040	5850	6695	7540	8450	9230	9750	10075	10725	11050	11375	12025		
IF900/60R32CFO	(25)/40	lbs	7150	8550	9900	11400	12800	14300	15700	16500	17100	18200	18700(182)				
		kg	3250	3875	4500	5150	5800	6500	7100	7500	7750	8250	8500(182)				
	(0-10)/0-15**	lbs	11085	13255	15345	17670	19840	22165	24335	25575	26505	28210	28985				
		kg	5040	6005	6975	7985	8990	10075	11005	11625	12015	12790	13175				
	(10-20)/15-30**	lbs	9295	11115	12870	14820	16640	18590	20410	21450	22230	23660	24310				
		kg	4225	5040	5850	6695	7540	8450	9230	9750	10075	10725	11050				

**Cyclic operation in the field at speeds indicated

1. There are no other load increases for any other speeds
2. When used as duals the above loads must be reduced by .88 and triples .82

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD AND INFLATION TABLE

IF RADIAL PLY METRIC AGRICULTURAL TRACTOR DRIVE WHEEL TIRES
Tires used in field service and Transport Speeds A8, B and D

TIRE LOAD LIMITS (KG) AT VARIOUS COLD INFLATION PRESSURES (PSI)																		
	Inflation (psi)	6	9	12	15	17	20	23	26	29	35	41	46	49	55	58	61	64
IF320/80R42	LI													149				
		2270	2680	3200	3640	4080	4540	4940	5200	5520	5840	6400	6950	7150				
IF320/90R46	LI																	159
		2600	3080	3640	4180	4680	5200	5680	6000	6400	6600	7400	7850	8250	8550	8800	9350	9650
IF320/90R50	LI																	161
		2760	3300	3860	4400	4940	5520	6000	6400	6600	6950	7600	8250	8550	9100	9350	9650	10200
IF320/90R54	LI																	162
		2830	3420	3960	4540	5080	5680	6150	6600	6800	7400	8050	8550	8800	9350	9650	10200	10500
IF320/105R54	LI																	167
		3200	3860	4540	5080	5840	6400	7150	7400	7850	8250	9100	9650	10200	10700	11000	11400	12000
IF380/80R38	LI													155				
		2760	3300	3860	4400	4940	5520	6000	6400	6600	7150	7850	8250	8550				
IF380/90R46	LI																	168
		3300	4080	4680	5360	6000	6800	7400	7850	8050	8550	9350	10200	10500	11000	11400	12000	12300
IF380/90R50	LI																	170
		3520	4180	4940	5680	6400	6950	7600	8050	8550	9100	9900	10700	11000	11700	12000	12300	13200
IF380/90R54	LI																	171
		3640	4400	5080	5840	6600	7400	8050	8550	8800	9350	10200	11000	11400	12000	12300	13200	13600
IF380/105R50	LI																	
		3960	4800	5520	6400	7150	8050	8800	9100	9650	10200	11400	12000	12300	13200	13600	14300	14800#
IF800/70R38	LI							179										
		7600	9300	10700	12300	13900	15200	17100										
IF800/55R46	LI																	
		6400	7600	9100	10200	11700	12800	13900	14800	15700	17100	18700						

#177 16,100 lbs @ 70psi

NOTE

1. There are no adjustments to the loads and pressures in the above table for lower speeds or stationary service.
2. Minimum inflation pressures for IF agricultures used as singles is 12 psi
3. Minimum inflation pressures for IF tires used as duals or triples is 6 psi
4. For duals and triples the loads must be reduced by .88 and .82 respectively
5. For cyclic service with front end loaders up to 6 mph load may be increased by 40% with an increase in inflation pressure of 12 psi

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Diagonal (Bias) Ply Tires
Agricultural Tractor Drive Wheel Tires Used As Singles
Used In Field Service And Speeds Up To 25 MPH

BASIC TIRE LOAD VALUES FOR TIRE SELECTION.

TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI) Note: NR - Not Recommended														
TIRE SIZE	12	14	16	18	20	22	24	26	28	30	32	34	36	
7.2-16	520(2)	565	615	660	695	740	785	825(4)						
7.2-30	785(2)	855	910	990	1050	1100	1170	1230(4)						
8.3-16	640	715	760	825	880	935(4)	965	1020	1070	1100	1140	1200 (6)		
8.3-24	880	965	1020	1100	1170	1230(4)	1320	1360	1430	1480	1570	1610 (6)		
9.5-16	825	910	965	1050	1100(4)	1170	1230	1280	1360	1390(6)				
9.5-20	965	1050	1140	1200	1280(4)	1360	1430	1520	1570	1650(6)				
9.5-24	1100	1200	1280	1390	1480(4)	1570	1650	1710	1820	1870(6)				
9.5-36	1320	1430	1570	1650	1760(4)	1870	1980	2040	2150	2270(6)				
9.5-42	1430	1570	1710	1820	1930(4)	2040	2150	2270	2340	2400(6)				
11.2-16	990	1100	1200	1280(4)	1360	1430	1520	1570(6)						
11.2-24	1320	1430	1570	1650(4)	1760	1870	1980	2090(6)	2150	2270	2340	2400	2540(8)	2830@44(10)
11.2-28	1390	1520	1650	1760(4)										
11.2-34	1520	1710	1820	1980(4)										
11.2-36	1570	1760	1870	2040(4)										
11.2-38	1650	1760	1930	2090(4)	2200	2340	2470	2540(6)						
12.4-16	1200	1320	1430(4)	1520	1650	1710	1820(6)	1930	1980	2090	2150(8)	2760@48(12)		
12.4-24	1570	1710	1870(4)	1980	2150	2270	2400(6)	2470	2600	2680	2830(8)	2910	3000(10)	3520@48(12)
12.4-28	1710	1870	1980(4)	2150	2270	2400	2540(6)	2680	2760	2910	3000(8)			
12.4-36	1930	2090	2270(4)	2400	2540	2680	2830(6)							
12.4-38	1980	2150	2340(4)	2470	2600	2760	2910(6)	3080	3200	3300	3520(8)	3960@40(10)	4400@48(12)	4800@56(14)
12.4-42	2040	2270	2470(4)	2600	2760	2910	3080(6)	3200	3420	3520	3640(8)	4180@40(10)	4680@48(12)	
13.6-16	*1430	1570(4)	1710	1820	1930	2040(6)	2150	2270	2340(8)					
16.6-16.1	*1420	1580	1710	1830	1940	2060(6)	2170	2270	2370(8)					
13.6-24	*1870	2040(4)	2200	2340	2540	2680(6)	2830	2910	3080(8)	3200	3300	3520@36(10)		
13.6-28	*1980	2200(4)	2340	2540	2680	2830(6)	3000	3080	3300(8)	3420	3520	3740@36(10)		
13.6-38	*2340	2540(4)	2760	2910	3080	3300(6)	3420	3640	3740(8)	3960	4080	4400@36(10)		4800@42(12)
13.9-36	*2270	2470(4)	2680	2830	3000(6)									
14.9-24	*2200	2400	2600	2830	3000(6)	3200	3300	3520(8)	3640	3740	3960(10)	4400@38(12)		
14.9-26	*2270	2540	2680	2910	3080(6)	3300	3420	3640	3740	3960	4080(10)	4540@38(12)		
14.9-28	*2340	2600	2830	3000	3200(6)	3420	3520	3740(8)	3860	4080	4180(10)			
14.9-30	*2470	2680	2910	3080	3300(6)	3520	3640	3860(8)	3960	4180	4300(10)			
14.9-38	*2760	3000	3300	3520	3740(6)									
15.5-38	*2600	2830	3080	3300	3520(6)	3740	3860	4080(8)						
16.9-24	*2680	*2910	3200	3420(6)	3640	3860	4080(8)	4300	4400(10)	4680	4800	5520@40(14)		
16.9-26	*2760	*3080	3300	3520(6)	3740	3960	4180	4400	4540(10)					
16.9-28	*2910	*3200	3420	3640(6)	3860	4080	4300(8)	4540	4680(10)					7600 @38(12)
16.9-30	*3000	*3300	3520	3740(6)	3960	4180	4400(8)	4680	4940(10)					
16.9-34	*3200	*3420	3740	3960(6)	4300	4540	4680(8)	4940	5200(10)					
16.9-38	*3300	*3640	3960	4180(6)	4540	4800	4940(8)	5200	5520	5680	6000	6800@40(14)		
18.4-16.1	*2150	*2340	2540(6)	2680	2910(8)									
18.4-24	*3200	*3520	3860(6)	4080	4400(8)	4540	4800	5080(10)	5360	5520	5680(12)			
18.4-26	*3300	*3640	3960(6)	4180	4540	4800	4940	5200(10)	5520	5680	5840(12)			
18.4-28	*3420	*3740	4080(6)	4400	4680(8)	4940	5200	5360(10)	5680	5840	6150(12)			
18.4-30	*3520	*3860	4180(6)	4540	4800(8)	5080	5360	5520(10)						
18.4-34	*3740	*4180	4400(6)	4800	5080(8)	5360	5680	6000(10)	6150	6400	6600(12)			

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Diagonal (Bias) Ply Tires
Agricultural Tractor Drive Wheel Tires Used As Singles
Used In Field Service And Speeds Up To 25 MPH

BASIC TIRE LOAD VALUES FOR TIRE SELECTION.

TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI) Note: NR - Not Recommended														
TIRE SIZE	12	14	16	18	20	22	24	26	28	30	32	34	36	
18.4-38	*3960	*4400	4680(6)	5080	5360(8)	5680	6000	6400(10)	6600	6800	7150(12)	7600@36(14)		
18.4-42	*4180	*4680	4940	5360	5680(8)	6000	6400	6600(10)						
20.8-34	*4540	*4940	5360	5840(8)	6150	6600(10)								
20.8-38	*4800	*5360	5680	6150(8)	6600	6950(10)	7150	7600	7850	8250	8550(14)	12800@62(28)		
20.8-42	*5080	*5520	6000	6400	6950	7400(10)	7600	8050	8250(12)	8800	9100(14)			
23.1-26	*4800	*5200	5680(8)	6000	6400(10)	6800	7150(12)	7600	7600	7850(14)	8250	8800@36(16)	9350@38(18)	
23.1-30	*5080	*5520	6000(8)	6400	6800(10)	7150	7600(12)							
23.1-34	*5360	*5840	6400(8)	6800	7400(10)									
24.5-32	*5840	*6400	6800	7400	7850(10)	8250	8800(12)	9100	9650(14)	9900(16)	10200	12800@46(24)		

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Diagonal (Bias) Ply Tires
Agricultural Tractor Drive Wheel Tires Used As Singles
Used In Field Service And Speeds Up To 25 MPH

BASIC TIRE LOAD VALUES FOR TIRE SELECTION.

TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)												
Tire Size	12	14	16	18	20	22	24	26	28	30	32	
17.5L-24	*2600	*2830	3080(6)	3300	3520	3640(8)	3860	4080	4180(10)			
19.5L-24	*3080	*3420	3640	3860	4180(8)	4400	4680(10)	4800	5080	5200(12)		
21L-24	*3640	*3960	4300	4540	4800	5080(10)	5360	5680	5840(12)	6150	6400	6800@36(16)
21L-28	*3860	*4180	4540	4800	5200	5520(10)	5680	6000	6400(12)	6600	6800(14)	
28L-26	*5520	*6000	6600	6950(10)	7400(12)	7850	8250(14)	8800	9100(16)			
30.5L-32	*6950	*7600	8250(10)	8800	9350(12)	9900(14)	10500	11000(16)	11400	12000	12300	13600@38(24)

*Values at these inflation pressures are for determination of dual loads only.

NOTES:
1. Figures in (parentheses) denote ply rating for which loads and inflations are maximum.
2. When used as duals, tire loads must be reduced. Multiply figures in table by .88.
3. When used as triples, tire loads must be reduced. Multiply figures in table by .82.
4. For shipping purposes, tire inflation pressures may be increased to 30 psi (consult tire manufacturer for minimum tire shipping pressure). Inflation pressure must be reduced to operating inflation before the tractor is removed from the carrier.
5. For R-3 tires used in free rolling service at speeds up to 10 MPH maximum, above loads may be increased 50% with a 4 psi increase in inflation pressure.
6. For R-4 tires in transport service, see Load & Inflation Table "Agricultural R-4 Drive Wheel Tires Used on Industrial Tractors."
7. Tires used in cyclic loading service (excluding hillside combines) without sustained high torque with speeds up to 5 MPH, above loads may be increased 87% (with 30% psi increase in inflation pressure). This load increase is also applicable to tires used on vehicles with mechanism capable of maintaining tires and wheels in a vertical position on slopes up to 11° (20% grade). Due to higher pressure specified for these tires, the rim and wheel manufacturers must be consulted.
8. For FIELD SERVICE at high torque (i.e. tillage), basic tire loads may be increased 11% ONLY IF THE TRACTOR TRANSPORT SPEED CAPABILITY IS 20 MPH OR LESS.
9. For R-1, R-2 and R-3 tires in transport service and operations which do not require sustained high torque, the following load limits at various speeds apply:

MAXIMUM SPEED	% CHANGE IN LOADS IN ABOVE TABLE	CHANGE IN INFL. PRESS
10 MPH	+33% (except Hillside Combines)	None
15 MPH	+22% (except Hillside Combines)	None
20 MPH	+11% (except Hillside Combines)	None
25 MPH	SAME AS ABOVE TABLE	None

10. Tires used in irrigation service @ creep speed (less than 200 ft. in a 30 minute period) above loads may be increased 111% (with a 30% psi increase in inflation pressure).

LOAD & INFLATION TABLE

Radial Ply
Agricultural R-4 Drive Wheel Tires Used On Industrial Tractors
TIRES USED AS SINGLES WITH NO SUSTAINED HIGH TORQUE.

25 MPH	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)								
Tire Size	20	23	26	29	32	35	38	41	44
16.9R24	4,300	4,800	5,200	5,680	6,150	6,600	6950 (148 A8)	7,400	7600 (151 A8)
16.9R28	4,540	5,080	5,680	6,150	6,600	6,950	7400 (150 A8)	7,850	8250 (154 A8)
17.5LR24	4,080	4,540	5,080	5,520	5,840	6,150	6600 (146 A8)	6,950	7400 (150 A8)
19.5LR24	4,940	5,520	6,000	6,600	6,950	7,400	7850 (152 A8)	8,250	8800 (156 A8)

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Metric
Agricultural R-4 Drive Wheel Tires Used on Industrial Tractors

TIRES USED AS SINGLES WITH NO SUSTAINED HIGH TORQUE

25 MPH	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)													
TIRE SIZE	23	26	29	32	35	38	41	44	46	49	52	55	58	61
340/80R18	2830	3080	3300	3640	3860 (127)	4180	4400	4680	4940 (136)					
400/70R18	3300	3520	3860	4180	4400 (132)	4680	5080	5360	5680 (141)	5840	6150	6600	6800 (147)	
400/70R20	3420	3740	3960	4300	4680 (134)	4940	5200	5520	6150 (144)	6150	6400	6800	7150 (149)	
440/80R24	4800	5200	5680	6150	6600 (146)	6950	7400	7850	8250 (154)					
440/80R28	5200	5680	6150	6600	6950 (148)	7600	8050	8550	8800 (156)					
460/70R24	4540	4940	5360	5840	6150 (144)	6600	7150	7600	7850 (152)					
480/80R26	5680	6150	6800	7400	7850 (152)	8250	8800	9350	9900 (160)					
500/70R24	5200	5680	6150	6600	7150 (149)	7600	8050	8550	9100 (157)					
540/70R24	5840	6400	6950	7600	8050 (153)	8550	9100	9650	10200 (161)					
500/85R24	6150	6800	7400	8050	8550 (155)	9100	9650	10200	10700 (163)	11400	12000	12300	13200 (170)	13600 (171)

Diagonal (Bias) Ply
Agricultural R-4 Drive Wheel Tires Used On Industrial Tractors

TIRES USED AS SINGLES WITH NO SUSTAINED HIGH TORQUE.

25 MPH	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)										
Tire Size	18	20	22	24	26	28	30	32	34	36	
14.9-24	3520	3740	4080	4300 (6)	4540	4800	5008 (8)	5200	5520	5680	6400 (12)@42
14.9-28	3740	4080	4300	4680 (6)	4940	5080	5360 (8)	5680	5840	6150 (10)	6800 (12)@42
16.9-24		4680	4940 (6)	5200	5520	5840 (8)	6150	6400 (10)	6600	6950	7150 (12)@38
16.9-28		4940	5200 (6)	5680	6000	6150 (8)	6600	6800 (10)	7150	7400	7600 (12)@38
18.4-24		5520 (6)	5840	6400 (8)	6600	6950	7400 (10)	7600	8050	8250 (12)	
18.4-26		5680 (6)	6150	6400 (8)	6800	7150	7600(10)	7850	8250	8550 (12)	
18.4-28		5840 (6)	6400	6800 (8)	7150	7400	7850 (10)	8250			
17.5L-24		4400 (6)	4680	5080	5360 (8)	5520	5840	6150 (10)	6400	6600 (12)	
19.5L-24		5200	5680	6000 (8)	6400	6600 (10)	6950	7400	7600 (12)		
21L-24		6150	6600 (8)	6950	7400 (10)	7850	8050	8550 (12)			9900 (16)@40
21L-28		6600	6950 (8)	7400	7850 (10)	8250	8800	9100 (12)	9350	9900 (14)	

Plus ups in the following table apply to the three preceding tables:

Speed	% change in loads in above tables	
	Regular Application	*Cyclic Application
Stationary	+130%	+130%
2.5 mph	+45%	+67%
5 mph	+25%	+50%
10 mph	+13%	+34%
15 mph	+9%	
20 mph	+4%	
25 mph	0	
30 mph	-9%	

*Cyclic applications include the normal usages
The minimum load must not exceed 60% of the maximum rated load
Maximum one way haul distance 500 feet
Vehicle is operated over unimproved but generally level terrain

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Diagonal (Bias) Ply
Metric Drive Wheel Tires (Special Applications)

	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)									
Tire Size	Inflation (psi)	20	25	30	35	40	45	50	55	60
	Load Index (PR)						165 (12PR)			
380/95D38	15 MPH	7150	8050	9100	9900	10700	11400			
380/95D38	5 MPH	9010	10140	11470	12470	13480	14360			
	Load Index (PR)		169 (8PR)							
DW500/95D32	15 MPH	11000	12800							
DW500/95D32	5 MPH	13860	16130							
	Load Index (PR)									186 (20 PR)
VA500/95D32	15 MPH	11000	12800	13900	15200	16500	17600	18700	19800	20900
VA500/95D32	5 MPH	13860	16130	17510	19150	20790	22180	23560	24950	26330

NOTES: 1. For dual application multiply the above number by .88.
2. The Load Index (PR) numbers denote the Load Index/Ply Rating for which the loads and inflations in that column are maximum.

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

CYCLIC SERVICE LOAD & INFLATION TABLE

Diagonal (Bias) Ply Agricultural Drive Wheel Tires
Used On Agricultural Harvesting Equipment In Cyclic Loading
Field Service And Road Transport (Excluding Hillside Combines) Tires Used As Singles

TIRE SIZE DESIGNATION	PLY RATING	LOAD INDEX	CYCLIC SERVICE INFLATION PRESSURE		NON-CYCLIC LOAD		FIELD SERVICE MAX. CYCLIC LOAD				ROAD TRANSPORT MAX. LOAD (MAX. SPEED - 25 MPH)	
					BASE LOAD		MAX. SPEED 6 MPH		MAX. SPEED 10 MPH			
			PSI	KPA	LBS.	KG.	LBS.	KG.	LBS.	KG	LBS.	KG.
14.9-24	6	119	26	180	3000	1360	5620	2540	5100	2310	3520	1600
	8	124	34	230	3520	1600	6600	2990	5980	2720	4080	1850
	10	128	42	290	3960	1800	7405	3335	6730	3060	4680	2120
	12	132	50	350	4400	2000	8230	3740	7480	3400	5080	2300
14.9-26	6	120	26	180	3080	1400	5760	2620	5240	2380	3640	1650
	10	129	42	290	4080	1850	7650	3460	6950	3140	4800	2180
	12	133	50	350	4540	2060	8490	3860	7720	3510	5360	2430
14.9-38	14	143	60	410	6000	2725	11200	5100	10200	4640	6950	3150
16.9-26	6	124	24	170	3520	1600	6600	2990	5980	2720	4180	1900
	10	133	36	250	4540	2060	8500	3860	7700	3500	5360	2430
16.9-30	10	136	36	250	4940	2240	9250	4180	8400	3800	5680	2575
	14	143	52	360	6000	2725	11200	5100	10200	4640	6950	3150
18.4-16.1	6	113	20	140	2540	1150	4740	2150	4320	1960	2910	1320
	8	118	26	180	2910	1320	5440	2470	4940	2240	3420	1550
18.4-26	6	128	20	140	3960	1800	7400	3360	6750	3060	4540	2060
	10	138	34	230	5200	2360	9700	4420	8850	4020	6150	2800
	12	142	42	290	5840	2650	10920	4965	9930	4510	6950	3150
18.4-30	6	130	20	140	4180	1900	7800	3560	7100	3240	4800	2180
	8	135	26	180	4800	2180	9000	4080	8150	3700	5520	2500
	10	140	34	230	5520	2500	10300	4680	9400	4260	6600	3000
18.4-34	10	143	34	230	6000	2725	11200	5100	10200	4640	6950	3150
18.4-38	10	145	34	230	6400	2900	12000	5420	10900	4940	7400	3350
	12	149	42	290	7150	3250	13400	6100	12200	5520	8250	3750
	14	151	46	320	7600	3450	14200	6450	12900	5860	8800	4000
18.4-42	10	146	34	230	6600	3000	12300	5620	11200	5100	7850	3550
	14	153	44	300	8050	3650	15100	6850	13700	6200	9100	4125
20.8-38	8	144	24	170	6150	2800	11500	5240	10500	4760	7150	3250
	10	148	28	190	6950	3150	13000	5900	11800	5360	7850	3550
	14	155	42	290	8550	3875	16000	7250	14500	6600	10200	4625
20.8-42	10	150	28	190	7400	3350	13800	6250	12600	5700	8250	3750
	14	157	42	290	9100	4125	17000	7700	15500	7000	10700	4875
23.1-26	10	145	26	180	6400	2900	12000	5420	10900	4940	7600	3450
	12	149	32	220	7150	3250	13400	6100	12200	5520	8550	3875
	14	152	36	250	7850	3550	14700	6650	13300	6050	9100	4125
	16	156	44	300	8800	4000	16460	7480	14960	6800	10200	4625
	18	158	50	350	9350	4250	17480	8740	15890	7220	11000	5000
24.5-32	10	152	26	180	7850	3550	14700	6650	13300	6050	9100	4125
	12	156	32	220	8800	4000	16500	7500	15000	6800	10200	4625
	14	159	36	250	9650	4375	18045	8200	16405	7455	11000	5000
	16	160	39	270	9900	4500	18515	8415	16830	7650	11550	5250
28L-26	10	148	24	170	6950	3150	13000	5900	11800	5360	8250	3750
	12	150	26	180	7400	3350	13800	6250	12600	5700	8800	4000
	16	157	39	270	9100	4125	17020	7735	15470	7030	10600	4820
30.5L-32	12	158	26	180	9350	4250	17500	7950	15900	7250	11000	5000
	14	160	28	190	9900	4500	18500	8400	16800	7650	11400	5150
	16	164	34	230	11000	5000	20600	9350	18700	8500	12800	5800
VA30.5L-32	16	164	34	230	11000	5000	20600	9350	18700	8500	12800	5800

NOTES:
1. For tires used in dual service, tire load limits must be reduced. Multiply figures by 0.88.
2. Load ratings reflect a different operating duty cycle when compared to agricultural tractors. This cyclic service is intended for use on a vehicle with a minimal requirement for torque transmission and with appreciable total weight fluctuations; e.g., combine grain tanks which are repeatedly filled and emptied. Unloading is to occur before off-field transport.
3. Road transport loads apply to all speeds up to and including 25 mph.
4. Due to the higher inflation pressures specified for these tires, the tire and wheel manufacturers must be consulted.
5. Loads are also applicable to tires used on vehicles with mechanisms capable of maintaining tires and wheels in a vertical position on slopes up to an 11° (20% grade).
6. For grain cart applications, the above 10 mph (15 kph) loads may be used at speeds up to 15 mph (25 kph) and distances up to 1 mile (1.6 km).

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

CYCLIC SERVICE LOAD & INFLATION TABLE

Radial Ply Agricultural Drive Wheel Tires
Used On Agricultural Harvesting Equipment In Cyclic Loading
Field Service And Road Transport (Excluding Hillside Combines) Tires Used As Singles

TIRE SIZE DESIGNATION	LOAD INDEX	CYCLIC SERVICE INFLATION PRESSURE		NON-CYCLIC LOAD		FIELD SERVICE MAX. CYCLIC LOAD				ROAD TRANSPORT MAX. LOAD (MAX. SPEED - 25 MPH)	
				BASE LOAD		MAX. SPEED 6 MPH		MAX. SPEED 10 MPH			
		PSI	KPA	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.
16.9R26	135	30	210	4800	2180	8150	3700	7450	3380	5360	2430
16.9R28	136	30	210	4940	2240	8400	3800	7650	3480	5520	2500
18.4R26	140	30	210	5520	2500	9400	4260	8550	3880	6400	2900
	146	36	250	6600	3000	11200	5100	10200	4660	6950	3150
	150	50	350	7400	3350	12580	5720	11470	5215	8050	3650
18.4R38	141	24	160	5680	2575	9650	4380	8800	4000	6600	3000
	146	30	210	6600	3000	11200	5100	10200	4660	7600	3450
18.4R42	148	30	210	6950	3150	11800	5360	10800	4880	8050	3650
20.8R38	147	24	160	6800	3075	11600	5220	10500	4760	8050	3650
	153	30	210	8050	3650	13700	6200	12500	5660	9100	4125
20.8R42	155	30	210	8550	3875	14500	6600	13300	6000	9650	4375
23.1R26	153	30	210	8050	3650	13700	6200	12500	5660	9100	4125
	156	35	240	8800	4000	14960	6800	13640	6200	9650	4375
	161	42	290	10200	4625	17300	7850	15800	7150	11000	5000
28LR26	165	41	280	11400	5150	19400	8750	17700	8000	12800	5800
	169	52	360	12800	5800	21760	9890	19840	9020	13900	6300
	174	60	410	14800	6700	25200	11400	22900	10400	15700	7100
30.5LR32	181	58	400	18200	8250	30900	14000	28200	12800	19300	8750
380/90R46	149	41	280	7150	3250	12200	5520	11100	5040	7850	3550
	156	61	420	8800	4000	14960	6800	13640	6200	9350	4250
	159	70	470	9650	4375	16405	7440	14960	6780	10500	4750
420/80R46	149	35	240	7150	3250	12200	5520	11100	5040	7600	3450
	170	90	620	13200	6000	22440	10200	20460	9300	13900	6300
480/70R28	151	52	360	7600	3450	12900	5860	11800	5340	8250	3750
480/80R26	149	41	280	7150	3250	12200	5520	11100	5040	7850	3550
520/85R38	155	29	200	8550	3875	14500	6600	13300	6000	9350	4250
	158	35	240	9350	4250	15900	7250	14500	6600	9900	4500
	170	70	480	13200	6000	22440	10200	20460	9300	14300	6500
520/85R42	157	29	200	9100	4125	15500	7000	14100	6400	9900	4500
	162	35	240	10500	4750	17850	8075	16275	7365	11400	5150
520/85R46	158	29	200	9350	4250	15895	7225	14495	6590	10200	4625
	169	58	400	12800	5800	21760	9860	19840	8990	13900	6300
LSW525R50	155	30	250	8550	3875	14500	6600	13300	6000	9650	4375
540/65R24	146	41	280	6600	3000	11200	5100	10200	4660	7150	3250
540/65R30	150	44	300	7400	3350	12580	5695	11470	5195	8050	3650
580/70R26	149	29	200	7150	3250	12200	5520	11100	5040	8050	3650
LSW585R34	161	48	330	10200	4625	17300	7850	15800	7150	11000	5000
600/65R28	147	29	200	6800	3075	11600	5220	10500	4760	7850	3550
	154	44	300	8250	3750	14025	6375	12790	5815	9100	4125
600/70R28	161	51	350	10200	4625	17340	7865	15810	7170	11000	5000
600/70R30	152	29	200	7850	3550	13345	6065	12170	5530	8800	4000
	165	58	400	11400	5150	19380	8755	17670	7985	12000	5450

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

CYCLIC SERVICE LOAD & INFLATION TABLE

Radial Ply Agricultural Drive Wheel Tires
Used On Agricultural Harvesting Equipment In Cyclic Loading
Field Service And Road Transport (Excluding Hillside Combines) Tires Used As Singles

TIRE SIZE DESIGNATION	LOAD INDEX	CYCLIC SERVICE INFLATION PRESSURE		NON-CYCLIC LOAD		FIELD SERVICE MAX. CYCLIC LOAD				ROAD TRANSPORT MAX. LOAD (MAX. SPEED - 25 MPH)	
				BASE LOAD		MAX. SPEED 6 MPH		MAX. SPEED 10 MPH			
		PSI	KPA	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.
620/70R42	160	29	200	9900	4500	16830	7650	15345	6975	11000	5000
	166	44	300	11700	5300	19890	9010	18135	8215	12800	5800
	172	58	400	13900	6300	23630	10710	21545	9765	14800	6700
620/70R46	162	29	200	10500	4750	17850	8075	16275	7365	11400	5150
	167	44	300	12000	5450	20400	9265	18600	8450	13200	6000
	170	51	350	13200	6000	22440	10200	20460	9300	14500	6590
620/75R30	163	44	300	10700	4875	18190	8290	16585	7555	11700	5300
650/75R32	167	41	280	12000	5450	20400	9250	18600	8450	12800	5800
	172	52	360	13900	6300	23600	10700	21500	9750	14800	6700
650/85R38	173	41	280	14300	6500	24300	11100	22200	10100	15700	7100
710/70R38	171	41	280	13600	6150	23100	10500	21100	9550	15200	6900
710/70R38	179	64	440	17100	7750	29070	13175	26505	12015	18200	8250
710/70R42	173	41	280	14300	6500	24300	11100	22200	10100	15700	7100
710/70R42	179	64	440	18200	8250	30940	14025	28210	12790	19300	8750
800/65R32	167	29	200	12000	5450	20400	9250	18600	8450	12800	5800
	172	41	280	13900	6300	23600	10700	21500	9750	15200	6900
800/70R38	173	29	200	14300	6500	24300	11100	22200	10100	15700	7100
800/70R38	181	51	350	18200	8250	30940	14025	28210	12790	19750	9875
900/50R42	168	29	200	12300	5600	20910	9520	19065	8680	13900	6300
	178	44	300	16500	7500	28050	12750	25575	11625	18200	8250
900/50R46	181	58	400	18200	8250	30940	14025	28210	12790	19300	8750
900/60R32	176	41	280	15700	7100	26700	12100	24300	11000	17100	7750
	185	70	480	20400	9250	34680	15725	31620	14340	23400	10600
900/65R32	172	29	200	13900	6300	23600	10700	21500	9750	15700	7100
	178	44	300	16500	7500	28050	12750	25575	11625	18200	8250
900/75R32	184	44	300	19800	9000	33660	15300	30690	13950	22000	10000
1000/50R25	172	44	300	13900	6300	23630	10710	21545	9765	15200	6900
	178	58	400	16500	7500	28050	12750	25575	11625	17600	8000
1050/50R32	172	29	200	13900	6300	23630	10710	21545	9765	15700	7100
	178	44	300	16500	7500	28050	12750	25575	11625	18200	8250
1100/45R46	189	58	400	22700	10300	38590	17510	35185	15965	24000	10900
1250/35R32	177	44	300	16100	7300	27370	12410	24955	11315	17600	8000
1250/50R32	188	44	300	22000	10000	37400	17000	34100	15500	24000	10900
1250/35R42	181	44	300	18200	8250	30940	14025	28210	12790	19800	9000
LSW1100R46	177	29	200	16100	7300	27400	12400	25000	11300	17600	8000

NOTES:
1. For tires used in dual service, tire load limits must be reduced. Multiply figures by 0.88.
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CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

High Flotation Tires Used In Agricultural, Logging And Off-The-Road Service

Tire Size	Speed mph	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
		10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
25x7.50-15NHS	30	505	640	760	855	965 (4)	1,050	1,140	1230 (6)	----	----	----	----	----	----			
	20	565	715	850	960	1,080	1,180	1,280	1,380	----	----	----	----	----	----			
	10	665	845	1,000	1,130	1,270	1,390	1,500	1,620	----	----	----	----	----	----			
	5	800	1,010	1,200	1,350	1,520	1,660	1,800	1,940	----	----	----	----	----	----			
	Creep	1,010	1,280	1,520	1,710	1,930	2,100	2,280	2,460	----	----	----	----	----	----			
	Stationary	1,340	1,700	2,010	2,270	2,560	2,780	3,020	3,260	----	----	----	----	----	----			
25x10.50-15NHS	30	520	660	785	880	980 (4)	----	----	----	----	----	----	----	----	----			
	20	580	740	880	985	1,110	----	----	----	----	----	----	----	----	----			
	10	685	870	1,040	1,160	1,310	----	----	----	----	----	----	----	----	----			
	5	820	1,040	1,240	1,390	1,560	----	----	----	----	----	----	----	----	----			
	Creep	1,040	1,320	1,570	1,760	1,980	----	----	----	----	----	----	----	----	----			
	Stationary	1,380	1,750	2,080	2,330	2,620	----	----	----	----	----	----	----	----	----			
25x12.50-15NHS	30	550	695	825 (4)	935	1050 (6)	----	----	----	----	----	----	----	----	----			
	20	615	780	925	1,050	1,180	----	----	----	----	----	----	----	----	----			
	10	725	915	1,090	1,230	1,390	----	----	----	----	----	----	----	----	----			
	5	870	1,100	1,300	1,480	1,660	----	----	----	----	----	----	----	----	----			
	Creep	1,100	1,390	1,650	1,870	2,100	----	----	----	----	----	----	----	----	----			
	Stationary	1,460	1,840	2,190	2,480	2,780	----	----	----	----	----	----	----	----	----			
27x8.50-15NHS	30	640	805	965	1,100	1230 (4)	1,320	1,430	1570 (6)	----	----	----	----	----	----			
	20	715	900	1,080	1,230	1,380	1,480	1,600	1,760	----	----	----	----	----	----			
	10	845	1,060	1,270	1,450	1,620	1,740	1,890	2,070	----	----	----	----	----	----			
	5	1,010	1,270	1,520	1,740	1,940	2,090	2,260	2,480	----	----	----	----	----	----			
	Creep	1,280	1,610	1,930	2,200	2,460	2,640	2,860	3,140	----	----	----	----	----	----			
	Stationary	1,700	2,130	2,560	2,920	3,260	3,500	3,780	4,160	----	----	----	----	----	----			
27x9.50-15NHS	30	660	855	990	1,140	1260 (4)	1,390	1,480	1600 (6)	1,710	1,820	1900 (8)						
	20	740	960	1,110	1,280	1,430	1,560	1,660	1,800	1,920	2,040	2,090						
	10	870	1,130	1,310	1,500	1,690	1,830	1,950	2,130	2,260	2,400	2,470						
	5	1,040	1,350	1,560	1,800	2,020	2,200	2,340	2,540	2,700	2,880	2,950						
	Creep	1,320	1,710	1,980	2,280	2,560	2,780	2,960	3,220	3,420	3,640	3,740						
	Stationary	1,750	2,270	2,620	3,020	3,400	3,680	3,920	4,260	4,540	4,820	4,960						
27x10.50-15NHS	30	695	880	1,020	1,170	1320 (4)	----	----	----	----	----	----	----	----	----			
	20	780	985	1,140	1,310	1,480	----	----	----	----	----	----	----	----	----			
	10	915	1,160	1,350	1,540	1,740	----	----	----	----	----	----	----	----	----			
	5	1,100	1,390	1,610	1,850	2,090	----	----	----	----	----	----	----	----	----			
	Creep	1,390	1,760	2,040	2,340	2,640	----	----	----	----	----	----	----	----	----			
	Stationary	1,840	2,330	2,700	3,100	3,500	----	----	----	----	----	----	----	----	----			
27x12.50-15NHS	30	695	880	1,050	1,200	1,320	1,480	1,570	1,710	1,820	1,930	1,980						
	20	780	985	1,180	1,340	1,480	1,660	1,760	1,920	2,040	2,160	2,220						
	10	915	1,160	1,390	1,580	1,740	1,950	2,070	2,260	2,400	2,550	2,610						
	5	1,100	1,390	1,660	1,900	2,090	2,340	2,480	2,700	2,880	3,040	3,120						
	Creep	1,390	1,760	2,100	2,400	2,640	2,960	3,140	3,420	3,640	3,860	3,960						
	Stationary	1,840	2,330	2,780	3,180	3,500	3,920	4,160	4,540	4,820	5,120	5,240						
28x8.50-15NHS	30	760	965	1,140	1,280	1430 (6)	----	----	----	----	----	----	----	----	----			
	20	850	1,080	1,280	1,430	1,600	----	----	----	----	----	----	----	----	----			
	10	1,000	1,270	1,500	1,690	1,890	----	----	----	----	----	----	----	----	----			
	5	1,200	1,520	1,800	2,020	2,260	----	----	----	----	----	----	----	----	----			
	Creep	1,520	1,930	2,280	2,560	2,860	----	----	----	----	----	----	----	----	----			
	Stationary	2,010	2,560	3,020	3,400	3,780	----	----	----	----	----	----	----	----	----			
28x12.50-15NHS	30	740	3,740	4,400	5,080	5,680	6,150	6,600	7,150	7,600	8,050	8,550	8,800	8,801	8,802			
	20	830	4,180	4,920	5,680	6,350	6,900	7,400	8,000	8,500	9,000	9,600	9,850	9,850	9,850			
	10	975	4,940	5,800	6,700	7,500	8,100	8,700	9,450	10,000	10,600	11,300	11,600	11,600	11,600			
	5	1,170	5,900	6,950	8,050	8,950	9,700	10,400	11,300	12,000	12,700	13,500	13,900	13,900	13,900			
	Creep	1,480	7,500	8,800	10,200	11,400	12,300	13,200	14,300	15,200	16,100	17,100	17,600	17,600	17,600			
	Stationary	1,960	9,900	11,700	13,500	15,100	16,300	17,500	18,900	20,100	21,300	22,700	23,300	23,300	23,300			
29x12.50-15NHS	30	880	1,140	1320 (4)	1,520	1710 (6)	----	----	----	----	----	----	----	----	----			
	20	985	1,280	1,480	1,700	1,920	----	----	----	----	----	----	----	----	----			
	10	1,160	1,500	1,740	2,010	2,260	----	----	----	----	----	----	----	----	----			
	5	1,390	1,800	2,090	2,400	2,700	----	----	----	----	----	----	----	----	----			
	Creep	1,760	2,280	2,640	3,040	3,420	----	----	----	----	----	----	----	----	----			
	Stationary	2,330	3,020	3,500	4,020	4,540	----	----	----	----	----	----	----	----	----			
31x12.50-15NHS	30	1,100	1,430	1650 (4)	----	----	----	----	----	----	----	----	----	----	----			
	20	1,230	1,600	1,850	----	----	----	----	----	----	----	----	----	----	----			
	10	1,450	1,890	2,180	----	----	----	----	----	----	----	----	----	----	----			
	5	1,740	2,260	2,610	----	----	----	----	----	----	----	----	----	----	----			
	Creep	2,200	2,860	3,300	----	----	----	----	----	----	----	----	----	----	----			
	Stationary	2,920	3,780	4,380	----	----	----	----	----	----	----	----	----	----	----			
31x13.50-15NHS	30	1,100	1,390	1650 (4)	1,870	2090 (6)	2,270	2,470	2600 (8)	2,760	2,910	3080 (10)	3,300	3,420	3520 (12)	3,640	3,860	3960 (14)
	20	1,230	1,560	1,850	2,090	2,340	2,540	2,770	2,910	3,100	3,260	3,440	3,700	3,840	3,940	4,080	4,320	4,440
	10	1,450	1,830	2,180	2,470	2,760	3,000	3,260	3,440	3,640	3,840	4,060	4,360	4,520	4,640	4,800	5,100	5,220
	5	1,740	2,200	2,610	2,950	3,300	3,580	3,900	4,100	4,360	4,600	4,860	5,220	5,400	5,560	5,760	6,100	6,250
	Creep	2,200	2,780	3,300	3,740	4,180	4,540	4,940	5,200	5,520	5,820	6,150	6,600	6,850	7,050	7,300	7,700	7,900
	Stationary	2,920	3,680	4,380	4,960	5,540	6,000	6,550	6,900	7,300	7,700	8,150	8,750	9,050	9,350	9,650	10,200	10,500

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

High Flotation Tires Used In Agricultural, Logging And Off-The-Road Service

Tire Size	Speed mph	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
		10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
31x15.50-15NHS	30	1,140	1,430	1710 (4)	1,930	2,150	2,340	2,540	2760 (8)	----	----	----	----	----	----			
	20	1,280	1,600	1,920	2,160	2,410	2,620	2,840	3,100	----	----	----	----	----	----			
	10	1,500	1,890	2,260	2,550	2,840	3,080	3,360	3,640	----	----	----	----	----	----			
	5	1,800	2,260	2,700	3,040	3,400	3,700	4,020	4,360	----	----	----	----	----	----			
	Creep	2,280	2,860	3,420	3,860	4,300	4,680	5,080	5,520	----	----	----	----	----	----			
	Stationary	3,020	3,780	4,540	5,120	5,700	6,200	6,750	7,300	----	----	----	----	----	----			
33x12.50-15NHS	30	1,390	1,760	2090 (4)	2,400	2,680	2,910	3,200	3300 (8)	----	----	----	----	----	----			
	20	1,560	1,970	2,340	2,690	3,000	3,260	3,580	3,840	----	----	----	----	----	----			
	10	1,830	2,320	2,760	3,160	3,540	3,840	4,220	4,520	----	----	----	----	----	----			
	5	2,200	2,780	3,300	3,800	4,240	4,600	5,060	5,400	----	----	----	----	----	----			
	Creep	2,780	3,520	4,180	4,800	5,360	5,820	6,400	6,850	----	----	----	----	----	----			
	Stationary	3,680	4,660	5,540	6,350	7,100	7,700	8,500	9,050	----	----	----	----	----	----			
33x14.50-15NHS	30	1,360	1,760	2090(4)	----	----	----	----	----	----	----	----	----	----	----			
	20	1,520	1,970	2,340	----	----	----	----	----	----	----	----	----	----	----			
	10	1,800	2,320	2,760	----	----	----	----	----	----	----	----	----	----	----			
	5	2,150	2,780	3,300	----	----	----	----	----	----	----	----	----	----	----			
	Creep	2,720	3,520	4,180	----	----	----	----	----	----	----	----	----	----	----			
	Stationary	3,600	4,660	5,540	----	----	----	----	----	----	----	----	----	----	----			
36x13.50-15NHS	30	1,760	2,200	2600 (4)	----	----	----	----	----	----	----	----	----	----	----			
	20	1,970	2,460	2,910	----	----	----	----	----	----	----	----	----	----	----			
	10	2,320	2,900	3,440	----	----	----	----	----	----	----	----	----	----	----			
	5	2,780	3,480	4,100	----	----	----	----	----	----	----	----	----	----	----			
	Creep	3,520	4,400	5,200	----	----	----	----	----	----	----	----	----	----	----			
	Stationary	4,660	5,840	6,900	----	----	----	----	----	----	----	----	----	----	----			
27x12LL-15NHS ***	30	695	880	1,050	1,200	1320 (6)	----	----	----	----	----	----	----	----	----			
	20	780	985	1,180	1,340	1,480	----	----	----	----	----	----	----	----	----			
	10	915	1,160	1,390	1,580	1,740	----	----	----	----	----	----	----	----	----			
	5	1,100	1,390	1,660	1,900	2,090	----	----	----	----	----	----	----	----	----			
	Creep	1,390	1,760	2,100	2,400	2,640	----	----	----	----	----	----	----	----	----			
	Stationary	1,840	2,330	2,780	3,180	3,500	----	----	----	----	----	----	----	----	----			
27x10.50LL-15NHS ***	30	495	615	740	825	935 (6)	----	----	----	----	----	----	----	----	----			
	20	555	690	830	925	1,050	----	----	----	----	----	----	----	----	----			
	10	655	810	975	1,090	1,230	----	----	----	----	----	----	----	----	----			
	5	780	970	1,170	1,300	1,480	----	----	----	----	----	----	----	----	----			
	Creep	990	1,230	1,480	1,650	1,870	----	----	----	----	----	----	----	----	----			
	Stationary	1,310	1,630	1,960	2,190	2,480	----	----	----	----	----	----	----	----	----			
38x14.00-20NHS	30	1,390	1,760	2,090	2340 (4)	2,600	2,830	3,080	3,300	3520 (8)	----	----	----					
	20	1,560	1,970	2,340	2,620	2,910	3,160	3,440	3,700	3,940	----	----	----					
	10	1,830	2,320	2,760	3,080	3,440	3,740	4,060	4,360	4,640	----	----	----					
	5	2,200	2,780	3,300	3,700	4,100	4,480	4,860	5,220	5,560	----	----	----					
	Creep	2,780	3,520	4,180	4,680	5,200	5,660	6,150	6,600	7,050	----	----	----					
	Stationary	3,680	4,660	5,540	6,200	6,900	7,500	8,150	8,750	9,350	----	----	----					
38x18.00-20NHS	30	1430	1820	2150	2400	2680	3000 (8)	3200	3420 (10)	3640	3860	4080	4300 (14)					
	20	1,600	2,040	2,410	2,690	3,000	3,360	3,580	3,840	4,080	4,320	4,560	4,820					
	10	1,890	2,400	2,840	3,160	3,540	3,960	4,220	4,520	4,800	5,100	5,380	5,680					
	5	2,260	2,880	3,400	3,800	4,240	4,740	5,060	5,400	5,760	6,100	6,450	6,800					
	Creep	2,860	3,640	4,300	4,800	5,360	6,000	6,400	6,850	7,300	7,700	8,150	8,600					
	Stationary	3,780	4,820	5,700	6,350	7,100	7,950	8,500	9,050	9,650	10,200	10,800	11,400					
38x20.00-16.1NHS	30	2,090	2,680	3,200	3,640	3,960	4400 (8)	4,800	5080 (10)	----	----	----	----					
	20	2,340	3,000	3,580	4,080	4,440	4,920	5,380	5,680	----	----	----	----					
	10	2,760	3,540	4,220	4,800	5,220	5,800	6,350	6,700	----	----	----	----					
	5	3,300	4,240	5,060	5,760	6,250	6,950	7,600	8,050	----	----	----	----					
	Creep	4,180	5,360	6,400	7,300	7,900	8,800	9,600	10,200	----	----	----	----					
	Stationary	5,540	7,100	8,500	9,650	10,500	11,700	12,700	13,500	----	----	----	----					
41x14.00-20NHS	30	1,820	2,340	2,760	3080 (4)	----	----	----	----	----	----	----	----					
	20	2,040	2,620	3,100	3,440	----	----	----	----	----	----	----	----					
	10	2,400	3,080	3,640	4,060	----	----	----	----	----	----	----	----					
	5	2,880	3,700	4,360	4,860	----	----	----	----	----	----	----	----					
	Creep	3,640	4,680	5,520	6,150	----	----	----	----	----	----	----	----					
	Stationary	4,820	6,200	7,300	8,150	----	----	----	----	----	----	----	----					
42x25.00-20NHS	30	1,980	2,540	3,000	3,420	3740 (8)	4180 (10)	4,400	4800 (12)	----	----	----	----					
	20	2,220	2,840	3,360	3,840	4,180	4,680	4,920	5,380	----	----	----	----					
	10	2,610	3,360	3,960	4,520	4,940	5,520	5,800	6,350	----	----	----	----					
	5	3,120	4,020	4,740	5,400	5,900	6,600	6,950	7,600	----	----	----	----					
	Creep	3,960	5,080	6,000	6,850	7,500	8,350	8,800	9,600	----	----	----	----					
	Stationary	5,240	6,750	7,950	9,050	9,900	11,100	11,700	12,700	----	----	----	----					

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

High Flotation Tires Used In Agricultural, Logging And Off-The-Road Service

Tire Size	Speed mph	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
		10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
44x18.00-20NHS	30	2,270	2,830	3420 (4)	3,860	4300 (6)	----	----	----	----	----	----	----					
	20	2,540	3,160	3,840	4,320	4,820	----	----	----	----	----	----	----					
	10	3,000	3,740	4,520	5,100	5,680	----	----	----	----	----	----	----					
	5	3,580	4,480	5,400	6,100	6,800	----	----	----	----	----	----	----					
	Creep	4,540	5,660	6,850	7,700	8,600	----	----	----	----	----	----	----					
	Stationary	6,000	7,500	9,050	10,200	11,400	----	----	----	----	----	----	----					
44x41.00-20NHS 44x41.00R20NHS	30	2,680	3,420	3,960	4540 (10)	5,080	5,520	6,000	6,400	6,800	7,150	7,600	8050 (LI153)					
	20	3,000	3,840	4,440	5,080	5,680	6,200	6,700	7,150	7,600	8,000	8,500	9,000					
	10	3,540	4,520	5,220	6,000	6,700	7,300	7,900	8,450	9,000	9,450	10,000	10,600					
	5	4,240	5,400	6,250	7,150	8,050	8,700	9,500	10,100	10,700	11,300	12,000	12,700					
	Creep	5,360	6,850	7,900	9,100	10,200	11,000	12,000	12,800	13,600	14,300	15,200	16,100					
	Stationary	7,100	9,050	10,500	12,000	13,500	14,600	15,900	17,000	18,000	18,900	20,100	21,300					
48x25.00-20NHS	30	3,000	3,740	4,400	5,080	5,680	6150 (10)	6,600	7,150	7600 (14)	----	----	----					
	20	3,360	4,180	4,920	5,680	6,350	6,900	7,400	8,000	8,500	----	----	----					
	10	3,960	4,940	5,800	6,700	7,500	8,100	8,700	9,450	10,000	----	----	----					
	5	4,740	5,900	6,950	8,050	8,950	9,700	10,400	11,300	12,000	----	----	----					
	Creep	6,000	7,500	8,800	10,200	11,400	12,300	13,200	14,300	15,200	----	----	----					
	Stationary	7,950	9,900	11,700	13,500	15,100	16,300	17,500	18,900	20,100	----	----	----					
48x31.00-20NHS 48x31.00R20NHS	30	3,080	3,960	4,680	5,360	5840 (10)	6,400	6950 (12)	7400 (14)(150)	----	----	----	----					
	20	3,440	4,440	5,240	6,000	6,550	7,150	7,800	8,300	----	----	----	----					
	10	4,060	5,220	6,200	7,100	7,700	8,450	9,150	9,750	----	----	----	----					
	5	4,860	6,250	7,400	8,450	9,250	10,100	11,000	11,700	----	----	----	----					
	Creep	6,150	7,900	9,350	10,700	11,700	12,800	13,900	14,800	----	----	----	----					
	Stationary	8,150	10,500	12,400	14,200	15,500	17,000	18,400	19,600	----	----	----	----					
54x31.00-26NHS 54x31.00R26NHS	30	3,520	4,540	5360 (6)	6,150	6,800 (10)(147)	7,400	8,050	8,550	9,100 (16)(157)	----	----	----					
	20	3,940	5,080	6,000	6,900	7,600	8,290	9,020	9,580	10,190	----	----	----					
	10	4,640	6,000	7,100	8,100	9,000	9,770	10,630	11,290	12,010	----	----	----					
	5	5,560	7,150	8,450	9,700	10,700	11,640	12,720	13,370	14,380	----	----	----					
	Creep	7,050	9,100	10,700	12,300	13,600	14,600	16,100	17,100	18,200	----	----	----					
	Stationary	9,350	12,000	14,200	16,300	18,000	19,640	21,330	22,660	24,415	----	----	----					
66x44.00-25NHS	30	6,000	7600 (6)	9,100	10,200	11,400	12,800	13600 (16)	14,300	15700 (20)	----	----	----					
	20	6,700	8,500	10,200	11,400	12,800	14,300	15,200	16,000	17,600	----	----	----					
	10	7,900	10,000	12,000	13,500	15,000	16,900	18,000	18,900	20,700	----	----	----					
	5	9,500	12,000	14,400	16,100	18,000	20,200	21,500	22,600	24,800	----	----	----					
	Creep	12,000	15,200	18,200	20,400	22,800	25,600	27,200	28,600	31,400	----	----	----					
	Stationary	15,900	20,100	24,100	27,000	30,200	33,900	36,000	37,900	41,600	----	----	----					
68x50.00-32NHS	30	5,840	7,400	8,800	9,900	11,000	12300 (16)	13,200	14300 (20)	----	----	----	----					
	20	6,550	8,300	9,850	11,100	12,300	13,800	14,800	16,000	----	----	----	----					
	10	7,700	9,750	11,600	13,100	14,500	16,200	17,400	18,900	----	----	----	----					
	5	9,250	11,700	13,900	15,600	17,400	19,400	20,900	22,600	----	----	----	----					
	Creep	11,700	14,800	17,600	19,800	22,000	24,600	26,400	28,600	----	----	----	----					
	Stationary	15,500	19,600	23,300	26,200	29,200	32,600	35,000	37,900	----	----	----	----					
66x43.00-25NHS	30	5,840	7,400	8,800	9900 (10)	11000 (12)	12300 (14)	13200 (16)	13900	14800 (20)	15,700	16,500	17,600 (26)					
	20	6,550	8,300	9,850	11,100	12,300	13,800	14,800	15,600	16,600	17,500	18,480	19,710					
	10	7,700	9,750	11,600	13,100	14,500	16,200	17,400	18,400	19,600	20,720	21,780	23,230					
	5	9,250	11,700	13,900	15,600	17,400	19,400	20,900	21,960	22,000	24,810	26,070	27,810					
	Creep	11,700	14,800	17,600	19,800	22,000	24,600	26,400	27,800	29,600	31,400	33,000	35,200					
	Stationary	15,500	19,600	23,300	26,200	29,200	32,600	35,000	36,800	39,200	41,605	43,730	46,640					
66x43.00-26NHS	30	5,840	7,400	8,800	9,900	11,000	12000 (14)	----	----	----	----	----	----					
	20	6,550	8,300	9,850	11,100	12,300	13,400	----	----	----	----	----	----					
	10	7,700	9,750	11,600	13,100	14,500	15,800	----	----	----	----	----	----					
	5	9,250	11,700	13,900	15,600	17,400	19,000	----	----	----	----	----	----					
	Creep	11,700	14,800	17,600	19,800	22,000	24,000	----	----	----	----	----	----					
	Stationary	15,500	19,600	23,300	26,200	29,200	31,800	----	----	----	----	----	----					
67x34.00-25NHS	30	5,840	7,400	8,800	10,200	11400 (10)	12,300	13200 (14)	----	----	----	----	----					
	20	6,550	8,300	9,850	11,400	12,800	13,800	14,800	----	----	----	----	----					
	10	7,700	9,750	11,600	13,500	15,000	16,200	17,400	----	----	----	----	----					
	5	9,250	11,700	13,900	16,100	18,000	19,400	20,900	----	----	----	----	----					
	Creep	11,700	14,800	17,600	20,400	22,800	24,600	26,400	----	----	----	----	----					
	Stationary	15,500	19,600	23,300	27,000	30,200	32,600	35,000	----	----	----	----	----					

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

High Flotation Tires Used In Agricultural, Logging And Off-The-Road Service

Tire Size	Speed mph	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)																
		10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
67x34.00-26NHS	30	5,840	7,400	8,800	9,900	11,000	12,000	13200 (14)	----	----	----	----	----					
	20	6,550	8,300	9,850	11,100	12,300	13,400	14,800	----	----	----	----	----					
	10	7,700	9,750	11,600	13,100	14,500	15,800	17,400	----	----	----	----	----					
	5	9,250	11,700	13,900	15,600	17,400	19,000	20,900	----	----	----	----	----					
	Creep	11,700	14,800	17,600	19,800	22,000	24,000	26,400	----	----	----	----	----					
	Stationary	15,500	19,600	23,300	26,200	29,200	31,800	35,000	----	----	----	----	----					
DH73x44.00-32 VA73x43.00-32	30	6,800	8,550	10,200	11,700	12,800	14,300	15200 (16)	----	----	----	----	----					
	20	7,600	9,600	11,400	13,100	14,300	16,000	17,000	----	----	----	----	----					
	10	9,000	11,300	13,500	15,400	16,900	18,900	20,100	----	----	----	----	----					
	5	10,700	13,500	16,100	18,500	20,200	22,600	24,000	----	----	----	----	----					
	Creep	13,600	17,100	20,400	23,400	25,600	28,600	30,400	----	----	----	----	----					
	Stationary	18,000	22,700	27,000	31,000	33,900	37,900	40,300	----	----	----	----	----					
DH73x50.00-32	30	6,950	8,800	10,500	12,000	13,200	14800 (16)	----	----	----	----	----	----					
	20	7,800	9,850	11,800	13,400	14,800	16,600	----	----	----	----	----	----					
	10	9,150	11,600	13,900	15,800	17,400	19,500	----	----	----	----	----	----					
	5	11,000	13,900	16,600	19,000	20,900	23,400	----	----	----	----	----	----					
	Creep	13,900	17,600	21,000	24,000	26,400	29,600	----	----	----	----	----	----					
	Stationary	18,400	23,300	27,800	31,800	35,000	39,200	----	----	----	----	----	----					

Figures in parentheses denote ply ratings or load index for which loads and inflations are maximum.
Creep speed is a travel rate of not over 200 feet in a 30 minute period.
Inflation pressures for a ply rating are constant at any speed.
For variable or cyclic loading conditions contact your Titan representative at 515-265-9429.
*** Speed Bonuses do not apply to 27x12LL-15NHS and 25x10.50LL-15NHS when used in special low pressure applications

NOTES:
1. The small index numbers denote ply rating for which accompanying loads and inflations are maximum.
2. For variable loading operations where loads increase or decrease, the load per tire when the vehicle is empty must be less than 40% of the load on the tire when the vehicle is fully loaded. Maximum load may not be carried for more than one mile before unloading operation starts. Loading or unloading must be completed within one mile. The following factors apply to the loads and inflation pressures in the above load & inflation table:
3. For operations at other speeds with no change in inflation pressure, the loads in the above table may be changed as follows:

MAXIMUM SPEED (mph)	% CHANGE IN LOADS
20	+12
10	+32
5	+58
*Creep	+100
Stationary	+165

Creep speed is a travel rate of not over 200 feet in a 30 minute period

MAXIMUM SPEED (mph)	% CHANGE IN LOADS	CHANGE IN (COLD) INFL. PRESSURE (PSI)
20	+50	+5
15	+70	+5
10	+85	+5
6	+100	+5

Fertilizer trucks with high torque (with injectors)

MAXIMUM SPEED (mph)	% CHANGE IN LOADS	CHANGE IN (COLD) INFL. PRESSURE (PSI)
20	+50	+5
15	+70	+5
10	+85	+5
6	+100	+5

Combines and fertilizer trucks without high torque

Radial Ply Terra

High Flotation Tires Used in Agricultural, Logging and Off-the-Road Service

TIRES USED AS SINGLES WITH NO SUSTAINED HIGH TORQUE

30 MPH	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)														
TIRE SIZE	6	9	12	15	17	20	23	26	29	32	35	38	41	44	46
1000/50R25	5360	6400	7400	8550	9650 (159)	1070	11700 (166)	12300	13200	13600	13900 (172)	14800	15200	16100	16500 (178)
1050/50R25	5840	6950	8050	9350	10500 (162)	11700	12800 (169)	13600	14300	14800	15200 (175)	16100	16500 (178)		
1050/50R32	6400	7600	8800	10200	11400 (165)	12800	13900 (172)	14800	15700	16100	16500 (178)				
1250/35R32	6000	7400	8550	9650	11000 (164)	12000	13200 (170)	14300	14800	15700	16100 (177)				
1250/50R32	8550	10200	11700	13600	15200 (175)	17100	18700 (182)	19800	20400 (185)	21500	22000 (188)				
1250/35R42	6800	8250	9650	11000	12300 (168)	13600	15200 (175)	16100	16500 (178)	17600	18200 (181)				

NOTES: 1. For loads at other conditions see notes 1, 2 and 3 above.

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Diagonal (Bias) Ply Log Skidder Drive Wheel Tires Used In Logging or Forestry Service (other than on cable or grapple skidders) Tires Used as Singles

MAX SPEED 20 MPH (30 KM/H) - A6		TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES									
TIRE SIZE	psi *kPa*	20 *140*		25 *170*		30 *210*		35 *240*		40 *280*	
16.9-30	lbs. *kg*	4400 *2000*		5080 *2300*		**5680 (10)** ***2575 (10)***	141	6150 *2800*		**6600 (14)** ***3000 (14)***	148
18.4-26	lbs. *kg*	4940 *2240*		**5680 (10)** ***2575 (10)***	141	**6400 (12)** ***2900 (12)***	145				
18.4-30	lbs. *kg*	5360 *2430*		6000 *2725*		**6800 (12)** ***3075 (12)***	147				
18.4-34	lbs. *kg*	5680 *2575*		**6400 (10)** ***2900 (10)***	145						
23.1-26	lbs. *kg*	**7150 (10)** ***3250 (10)***	149	8250 *3750*		**9100 (14)** ***4125 (14)***	157	**9900 (16)** ***4500 (16)***	160		
24.5-32	lbs. *kg*	8800 *4000*		**9900 (12)** ***4500 (12)***	160	**11000 (16)** ***5000 (16)***	164	**12000 (18)** ***5450 (18)***	167		
28L-26	lbs. *kg*	**3250 (12)** ***3750 (12)***	164	**9350 (14)** ***4250 (14)***	158	**10500 (16)** ***4750 (16)***	162				
30.5L-32	lbs. *kg*	**10500 (12)** ***4750 (12)***	182	**11700 (16)** ***5300 (16)***	166	**13200 (20)** ***6000 (20)***	170	14300 *6500*		**15700 (26)** ***7100 (26)***	176
DH35.5L-32	lbs. *kg*	**13900 (16)** ***6300 (16)***	172	**16100 (20)** ***7300 (20)***	177	17600 *8000*		**19300 (26)** ***8750 (26)***	183		

TIRE TYPE NOMENCLATURE	
CODE NO.	TIRE TYPE
LS-2	INTERMEDIATE TREAD
LS-3	DEEP TREAD

NOTES:
1. Figures in (parentheses) denote ply rating or load range for which bold face loads and inflations are maximum. Numbers after ply ratings are Load Index numbers.
2. For shipping purposes, tire inflation pressure may be increased to 30 psi (210 kPa). Inflation pressure must be adjusted to correct operating pressure before skidder is removed from carrier. Consult tire manufacturer for minimum tire shipping pressure.
3. "Tire Load Limit" for log skidders is defined as the maximum load for an individual tire due to the total radial forces imposed on the tire DURING OPERATION. This maximum load includes total vehicle weight with accessories and weight transfer. For grapple and cable skidders, refer to the table below.
4. For load and carry type of logging operations such as loaders equipped with log forks and feller-bunchers, with maximum speed of 5 mph (10 km/h), above tire load limits may be increased 50% with 5 psi (35 kPa) increase in inflation pressure. Maximum length of carry is 500 feet (150 m).
5. For cyclic loading service, see cyclic harvest table on page 46.
6. When used as duals, tire loads must be reduced. Multiply figures in table by .88.
7. Consult rim and wheel manufacturer for rims for this type of service.
8. For transport service and operations that do not require sustained high torque, the following load limits apply:

MAX SPEED	% CHANGE IN LOADS	CHANGE IN INFL. PRESSURE
STATIONARY	+170%	+5 PSI (30 KPA)
10 MPH (15 KM/H)	+20	NONE
15 MPH (25 KM/H)	+15	NONE
20 MPH (30 KM/H)	NONE	NONE
25 MPH (40 KM/H)	-10	NONE

Diagonal (Bias) Ply Log Skidder Drive Wheel Tires Used On Cable or Grapple Skidders Tires Used as Singles

MAX SPEED 5 MPH (10 KM/H)		TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES				
TIRE SIZE	psi kPa	25 *170*	30 *210*	35 *240*	40 **275/280*	45 *310*
16.9-30	lbs. *kg*	6150 *2790*	7100 *3220*	**7950 (10)** ***3600 (10)***	8600 *3900*	**9250 (14)** ***4200 (14)***
18.4-26	lbs. *kg*	6900 *3120*	**7950 (10)** ***3600 (10)***	**8950 (12)** ***4060 (12)***		
18.4-30	lbs. *kg*	7500 *3400*	8400 *3820*	**9500 (12)** ***4300 (12)***		
18.4-34	lbs. *kg*	7950 *3600*	**8950 (10)** ***4060 (10)***			
23.1-26	lbs. *kg*	**10000 (10)** ***4540 (10)***	11600 *5260*	**12700 (14)** ***5760 (14)***	**13900 (16)** ***6300 (16)***	
24.5-32	lbs. *kg*	12300 *5580*	**13900 (12)** ***6300 (12)***	**15400 (16)** ***7000 (16)***	**16800 (18)** ***7600 (18)***	
Low Section Height						
28L-26	lbs. *kg*	**11600 (12)** ***5260 (12)***	**13100 (14)** ***5940 (14)***	**14700 (16)** ***6650 (16)***		
30.5L-32	lbs. *kg*	**14700 (12)** ***6650 (12)***	**16400 (16)** ***7450 (16)***	**18500 (20)** ***8400 (20)***	20000 *9000*	**22000 (26)** ***10000 (26)***
DH35.5L-32	lbs. *kg*	**19500 (16)** ***8850 (16)***	**22500 (20)** ***10200 (20)***	24650 *11200*	**27000 (26)** ***12150 (26)***	

NOTES:
1. Figures in (parentheses) denote ply rating or load range for which bold face loads and inflations are maximum. Numbers after ply ratings are Load Index numbers.
2. For shipping purposes, tire inflation pressure may be increased to 30 psi (210 kPa). Inflation pressure must be adjusted to correct operating pressure before skidder is removed from carrier. Consult tire manufacturer for minimum tire shipping pressure.
3. "Tire Load Limit" for log skidders is defined as the maximum load for an individual tire due to the total radial forces imposed on the tire DURING OPERATION. This maximum load includes total vehicle weight with accessories, plus load increases due to log winching or grappling loads and weight transfer.
4. The table at left applies only to log skidder tires used on cable or grapple skidders with a maximum speed of 5 mph (10 km/h). For use on other types of logging or forestry equipment or at speeds greater than 5 mph (10 km/h) refer to the table at the top of this page.
5. When used as duals, tire loads must be reduced. Multiply figures in table by .88.
6. Consult rim and wheel manufacturer for rims for this type of service.

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Diagonal (Bias) Ply Tires Used For Skid-Steer/Mini-Loader Service

MAX. SPEED - 5 MPH	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)												
TIRE SIZE	20	25	30	35	40	45	50	55	60	65	70	75	80
10-16.5 NHS			2760(4)	3020	3260	3500(6)	3720	3930	4140(8)				
12-16.5 NHS			3560	3900	4220(6)	4520	4810(8)	5080	5350	5600(10)	5850	6090	6330(12)
14-17.5 NHS			4820(6)	5270	5700(8)	6110	6490	6870(10)					
15-19.5 NHS			6130(6)	6710	7250(8)	7770	8260(10)	8740	9190(12)				
31X15.50-15 NHS	2700(4)	3050	3395(6)	3695	4015	4360(8)							

NOTES: 1. Figures in (parentheses) denote ply rating or load range for which loads and inflations are maximum.
2. For 10 MPH service, the above loads must be reduced 21% at the same pressures.

Garden Tractor Tires — Maximum Speed — 20 MPH

MAX. SPEED 20 MPH		TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)															
TIRE SIZE	PSI	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
5-12	LBS.	175	210	240	265	290	310 (2)	340	355	375	395	420	440	455	465	495 (4)	
6-12	LBS.	240	290	330	365	395 (2)	430	455	495	520	550	565	600 (4)				
6-14	LBS.	265	320	365	410	440	480	505	550	565	600	640	660(4)				
6-16	LBS.	300	355	395	440	480	520	565	600	640	660	695	740 (4)				
7-12	LBS.	320	375	420	480 (2)	520	565	600	640	675	715 (4)						
7-14	LBS.	355	410	465	520	565	615	660	715	740	785 (4)	825	855	910	935	965	990 (6)
7-16	LBS.	385	455	520	585 (2)	640	675	740	785	825	855	910	935	990	1020	1050	1100 (6)
8-16	LBS.	565	660	760 (2)	825	910	990	1070 (4)	1140	1200	1230	1320	1360 (6)				

FIGURE IN PARENTHESES DENOTES RATINGS FOR WHICH LOADS AND INFLATIONS ARE MAXIMUM.

Farm Implement (FI) Tires For Highway And Agricultural Service

NOTE: THIS LOAD & INFLATION TABLE FOR FI-TIRES ONLY. SEE BIAS PLY IMPLEMENT LOAD & INFLATION TABLE FOR I-1, I-2 AND I-3 TIRES.

MAX SPEED 62 MPH (100 KM/H)		TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)														
TIRE SIZE	SPEED SYMBOL J	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
9.5L-15FI	INTERMITTENT HIGHWAY SERVICE	1390	1610	1760 (B)	1930	2090	2270 (C)	2400	2540	2680 (D)	2830	2910	3080 (E)	3200	3300	3420 (F)
9.5L-15FI	30 MPH	1670	1930	2110 (B)	2320	2510	2720 (C)	2880	3050	3220 (D)	3400	3490	3700 (E)	3840	3960	4100 (F)
10.00-15FI	INTERMITTENT HIGHWAY SERVICE	2080	2370	2640(B)	2890	3120	3350(C)	3560	3760	3960(D)						
10.00-15FI	30 MPH	2500	2840	3170(B)	3470	3740	4020(C)	4270	4510	4750(D)						
11L-15FI	INTERMITTENT HIGHWAY SERVICE	1650	1870	2090 (B)	2270	2470	2600 (C)	2830	3000	3080 (D)	3300	3420	3520 (E)	3740	3860	3960 (F)
11L-15FI	30 MPH	1980	2240	2510 (B)	2720	2960	3120 (C)	3400	3600	3700 (D)	3960	4100	4220 (E)	4490	4630	4750 (F)
12.5L-15FI	INTERMITTENT HIGHWAY SERVICE	1930	2200	2470 (B)	2680	2910	3080 (C)	3300	3520	3740 (D)	3860	4080	4180 (E)	4400	4540	4680 (F)
12.5L-15FI	30 MPH	2320	2640	2960 (B)	3220	3490	3700 (C)	3960	4220	4490 (D)	4630	4900	5020 (E)	5280	5450	5620 (F)
12.5L-16FI	INTERMITTENT HIGHWAY SERVICE	2020	2300	2560(B)	2800	3030	3250(C)	3450	3650	3840(D)	4020	4200	4380(E)	4540	4710	4870(F)
12.5L-16FI	30 MPH	2420	2760	3070(B)	3360	3640	3900(C)	4140	4380	4610(D)	4820	5040	5260(E)	5450	5650	5840(F)
14L-16.1FI	INTERMITTENT HIGHWAY SERVICE	2670	3040	3420(C)	3740	3960	4300(D)									
14L-16.1FI	30 MPH	3200	3650	4070(C)	4490	4750	5160(D)									
16.5L-16.1FI	INTERMITTENT HIGHWAY SERVICE	3390	3860	4300(C)	4700	5080	5450(D)	5790	6130	6450(E)						
16.5L-16.1FI	30 MPH	4070	4630	5160(C)	5640	6100	6540(D)	6950	7360	7740(E)						
21.5L-16.1FI	INTERMITTENT HIGHWAY SERVICE	5070	5770	6420(D)	7030	7600	8140(E)									
21.5L-16.1FI	30 MPH	6080	6920	7700(D)	8440	9120	9770(E)									
13.50-15FI	INTERMITTENT HIGHWAY SERVICE	2090	2400	2680 (C)	2910	3080	3300 (D)	3520	3740	3960 (E)	4180	4300	4540 (F)			
13.50-15FI	30 MPH	2090	2400	2680 (C)	2910	3080	3300 (D)	3520	3740	3960 (E)	4180	4300	4540 (F)			
19L-16.1FI	INTERMITTENT HIGHWAY SERVICE	4300	4800	5360(D)	5840	6400	6800(E)									
19L-16.1FI	30 MPH	5160	5760	6430(D)	7010	7680	8160(E)									

NOTES: 1. When used as duals, the tire loads must be reduced; multiply above loads by 0.88.
2. When used as triples, the tire loads must be reduced; multiply above loads by 0.82.

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Metric Implement Wheel Tires

TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES

TIRE SIZE DESIGNATION	A4 (20km/h/12.5mph), A6(30km/h/20mph) and A8 (40km/h/25mph)																										
	KPA	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500	520	540
	PSI	12	15	17	20	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64	67	70	73	75	78
Free Rollling 340/65R18	KG		1180	1250	1360	1450	1550	1600	1700	1800	1900	1950	2060	2180	2240	2300	2460	2500	2575	2650	2800	2900	3000	3075	3150
	LBS.		2600	2755	3000	3195	3415	3525	3750	3970	4190	4300	4540	4805	4940	5070	5425	5510	5675	5840	6175	6395	6615	6780	6950
	LOAD INDEX																								148
Drive Position 340/65R18	KG		825	875	950	1000	1090	1120	1180	1250	1320	1360	1450	1500	1550	1600	1700	1750	1800	1850	1950	2000	2120	2180	2240
	LBS.		1820	1930	2095	2205	2405	2470	2600	2755	2910	3000	3195	3305	3415	3525	3750	3860	3970	4080	4300	4410	4675	4805	4940
	LOAD INDEX																								136
Free Rolling 380/55R16.5	KG	1030	1175	1320	1460	1600	1725	1850	1985	2120	2275	2430	2502.5	2575	2737.5	2900	3025	3150	3190	3230	3270	3310	3550		
	LBS.	2270	2590	2910	3215	3520	3800	4080	4380	4680	5020	5360	5520	5680	6040	6400	6675	6950	7040	7130	7220	7310	7400		
	LOAD INDEX	109		118		124		129		134		139		141		145		148					150		
Drive Position 380/55R16.5	KG	730	840	950	1035	1120	1202.5	1285	1392.5	1500	1625	1750	1800	1850	1955	2060	2150	2240	2268	2296	2324	2352	2360		
	LBS.	1610	1850	2090	2280	2470	2650	2830	3065	3300	3580	3860	3970	4080	4310	4540	4740	4940	5004	5068	5132	5196	5200		
	LOAD INDEX	97		106		112		117		122		127		129		133		136					138		
Free Rolling 440/55R18	KG	1320	1510	1700	1880	2060	2245	2430	2615	2800	2975	3150	3250	3350	3550	3750	3937.5	4125	4175	4225	4275	4325	4375		
	LBS.	2910	3325	3740	4140	4540	4950	5360	5755	6150	6550	6950	7175	7400	7825	8250	8675	9100	9210	9320	9430	9540	9650		
	LOAD INDEX	118		126		133		139		144		148		150		154		157					159		
Drive Position 440/55R18	KG	950	1065	1180	1315	1450	1600	1750	1875	2000	2120	2240	2300	2360	2505	2650	2775	2900	2935	2970	3005	3040	3075		
	LBS.	2090	2345	2600	2900	3200	3530	3860	4130	4400	4670	4940	5070	5200	5520	5840	6120	6400	6470	6540	6610	6680	6800		
	LOAD INDEX	106		114		121		127		132		136		138		142		145					147		
Free Rolling 500/60R22.5	KG	1950	2225	2500	2787.5	3075	3312.5	3550	3775	4000	4312.5	4625	4750	4875											
	LBS.	4300	4910	5520	6160	6800	7325	7850	8325	8800	9500	10200	10450	10700											
	LOAD INDEX	131		140		147		152		156		161		163											
Drive Position 500/60R22.5	KG	1360	1580	1800	1990	2180	2340	2500	2650	2800	3025	3250	3350	3450											
	LBS.	3000	3480	3960	4380	4800	5160	5520	5835	6150	6650	7150	7375	7600											
	LOAD INDEX	119		128		135		140		144		149		151											
Free Rolling 600/50R22.5	KG	2180	2490	2800	3125	3450	3725	4000	4312.5	4625	4887.5	5150	5375	5600											
	LBS.	4800	5475	6150	6875	7600	8200	8800	9500	10200	10800	11400	11850	12300											
	LOAD INDEX	135		144		151		156		161		165		168											
Drive Position 600/50R22.5	KG	1550	1775	2000	2215	2430	2615	2800	3025	3250	3450	3650	3825	4000											
	LBS.	3420	3910	4400	4880	5360	5755	6150	6650	7150	7600	8050	8425	8800											
	LOAD INDEX	123		132		139		144		149		153		156											
Free Rolling 710/40R22.5	KG	2300	2650	3000	3325	3650	3950	4250	4562.5	4875	5237.5	5600	5800	6000											
	LBS.	5080	5840	6600	7325	8050	8700	9350	10025	10700	11500	12300	12750	13200											
	LOAD INDEX	137		146		153		158		163		168		170											
Drive Position 710/40R22.5	KG	1650	1885	2120	2347.5	2575	2787.5	3000	3225	3450	3725	4000	4125	4250											
	LBS.	3640	4160	4680	5180	5680	6140	6600	7100	7600	8200	8800	9075	9350											
	LOAD INDEX	125		134		141		146		151		156		158											
Free Rolling 710/50R22.5	KG	3075	3475	3875	4312.5	4750	5175	5600	6050	6500															
	LBS.	6800	7675	8550	9525	10500	11400	12300	13300	14300															
	LOAD INDEX	147		155		162		168		173															
Drive Position 710/50R22.5	KG	2180	2452.5	2725	3037.5	3350	3675	4000	4312.5	4625															
	LBS.	4800	5400	6000	6700	7400	8100	8800	9500	10200															
	LOAD INDEX	135		143		150		156		161															
Free Rolling 750/60R30.5	KG	4125	4712.5	5300	5900	6500	7000	7500	8125	8750															
	LBS.	9100	10400	11700	13000	14300	15400	16500	17900	19300															
	LOAD INDEX	157		166		173		178		183															
Drive Position 750/60R30.5	KG	2900	3325	3750	4187.5	4625	4962.5	5300	5725	6150															
	LBS.	6400	7325	8250	9225	10200	10950	11700	12650	13600															
	LOAD INDEX	145		154		161		166		171															

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Radial Ply Floation Metric Implement Wheel Tires

30mph/km/h	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)														
TIRE SIZE	INFL (PSI)	6	9	12	15	17	20	23	26	29	35	41	46	52	58
	KPA	40	60	80	100	120	140	160	180	200	240	280	320	360	400
750/60R26	LOAD INDEX					150		156		160	163	166	169	171	173
30 mph (B)	LBS	4080	4800	5680	6400	7400	8050	8800	9350	9900	10700	11700	12800	13600	14300
	KG	1850	2180	2575	2900	3350	3680	4000	4250	4500	4875	5300	5800	6150	6500
10 mph (A3)	LBS	5465	6430	7610	8575	9915	10785	11790	12530	13265	14340	15680	17150	18225	19160
	KG	2480	2920	3450	3885	4490	4890	5360	5695	6030	6535	7100	7770	8240	8710
750/55R30	LOAD INDEX					149				159	162	165	168	170	172
30 mph (B)	LBS	3960	4800	5520	6400	7150	8050	8800	9350	9650	10500	11400	12300	13200	13900
	KG	1800	2180	2500	2900	3250	3650	4000	4250	4375	4750	5150	5600	6000	6300
10 mph (A3)	LBS	5305	6430	7395	8575	9580	10785	11790	12530	12930	14070	15275	16480	17690	18625
	KG	2410	2920	3350	3885	4355	4890	5360	5695	5865	6365	6900	7505	8040	8440

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Bias Ply Implement Tires

MAXIMUM TIRE LOAD RATINGS FOR SPEEDS 30 MPH AND UNDER

MAX. SPEED 30 MPH	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)										
TIRE SIZE	24	28	32	36	40	44	48	52	56	60	64
4.00-9 SL	365	410	440	480	520	550(4)					
4.00-12 SL	440	495	535	585	640	675(4)					
4.00-15 SL	535	585	640	695	740	785(4)					
4.00-18 SL	585(2)	660	715	785	825	880(4)					
5.00-15 SL	715	805	880	965(4)							
5.50-16 SL	910	990	1100	1170(4)							
5.90-15 SL	855	935	1050	1140(4)							
6.00-16 SL	1020	1140	1230(4)	1360	1430	1520(6)					
6.40-15 SL	965	1070	1170(4)	1280	1360	1430	1520(6)				
6.50-16 SL	1140	1280	1390	1520	1610	1710(6)					
6.70-15 SL	1070	1170	1280(4)	1390	1520	1610(6)					
7.50-10 SL	1100	1230	1360	1480(6)							
7.50-14 SL	1230	1360(4)									
7.50-16 SL	1480	1650(4)	1820	1930	2090	2200	2340(8)	2470	2600	2680(10)	
7.50-18 SL	1520	1710(4)	1870	2040(6)							
7.50-20 SL	1610	1760(4)	1930	2090(6)							
7.50-24 SL	1650	1870(4)	2040	2200(6)							
7.60-15 SL	1230	1390(4)	1520	1650	1760(6)	1870	1980	2090(8)			
9.00-10 SL	1480(4)	1650	1820	1980	2090	2200	2340	2470(10)			
9.00-16 SL	1980	2200	2400	2600	2760	2910(8)	3080	3300(10)			
9.00-24 SL	2540	2830(6)	3080	3300	3520(8)						
10.00-15 SL	2270	2540	2760	3000	3200(8)	3420	3640(10)	3740	3690(12)		
11.25-24 SL	3300	3640	4080(8)	4300	4680	4940	5200(12)				
11.25-28 SL	3420	3860	4180	4540	4800	5080	5360(12)				
13.50-16.1 SL	3520(6)	3860	4300(8)	4680	4940 (10)	5200(12)					
LOW SECTION HEIGHT											
8.5L-14 SL	1390	1570	1710	1870(6)							
9.5L-14 SL	1570(4)	1760	1930(6)	2090	2200	2400(8)					
9.5L-15 SL	1650	1820	2040(6)	2200	2340	2470(8)	2600	2760 (10)	2910	3000	3200 (12)
11L-14 SL	1870	2040(6)	2270	2470(8)							
11L-15 SL	1930	2150(6)	2340	2540(8)	2760	2910(10)	3080	3200(12)	3420	3520	4180@80PSI (18)
11L-16 SL	2040	2270(6)	2470	2680(8)	2830	3000(10)					
12.5L-15 SL	2270	2540(6)	2760	3000(8)	3200	3420(10)	3640	3860(12)	3960	4180	5080@80PSI (20)
12.5L-16 SL	2400	2680	2910	3080(8)	3300	3520	3740	3960(12)	4180(14)		
14L-16.1 SL	3200(6)	3520	3860 (8)	4180 (10)	4400	4680 (12)	4940	5200 (14)			
16.5L-16.1 SL	3960(6)	4400(8)	4800	5200(10)	5680 (12)	6000	6400 (14)				
19L-16.1 SL	4940	5520	6000(10)	6600(12)							
21.5L-16.1 SL	6000(8)	6600(10)	7150(12)	7850(14)	8550 (16)	8800 (18)					

NOTES:
1. Figures in parentheses denote ply rating for which bold face loads and inflations are maximum.
2. Maximum shipping pressures are the maximum inflation pressures for the tire sizes and ply ratings shown.
3. For speeds not exceeding 10 MPH, above loads may be increased 15%.
4. When used as duals, loads must be reduced; multiply above loads by 0.88.
5. When used as triples, loads must be reduced; multiply above loads by 0.82.

IMPLEMENT BIAS LOADS AT 30 KM/H

Size		bar psi	1.5 22	1.6 23	1.7 25	1.8 26	1.9 28	2 29	2.1 30	2.2 32	2.3 33	2.4 35	2.5 36	2.6 38	2.7 39	2.8 41	2.9 42	3 44	3.1 45	3.2 46
12.5/80-18		PR (LI)											8 (134)						10 (139)	
	FR	kg	1550	1605	1665	1720	1780	1835	1890	1950	2005	2065	2120	2170	2225	2275	2325	2380	2430	2465
		lbs	3415	3540	3670	3790	3925	4045	4165	4300	4420	4555	4675	4785	4905	5015	5125	5245	5355	5435
		PR (LI)											8 (122)						10 (126)	
	DW	kg	1085	1125	1170	1210	1250	1295	1335	1375	1415	1460	1500	1535	1565	1600	1635	1665	1700	1725
		lbs	2390	2480	2580	2670	2755	2855	2945	3030	3120	3220	3305	3385	3450	3525	3605	3670	3750	3805

Size		bar psi	3.3 48	3.4 49	3.5 51	3.6 52	3.7 54	3.8 55	3.9 57	4 58	4.1 59	4.2 61	4.3 62	4.4 64	4.5 65	4.6 67	4.7 68	4.8 70	4.9 71
12.5/80-18		PR (LI)					12 (142)						14 (146)						16 (148)
	FR	kg	2505	2540	2575	2615	2650	2710	2765	2825	2885	2940	3000	3025	3050	3075	3100	3125	3150
		lbs	5525	5600	5675	5765	5840	5975	6095	6230	6360	6480	6615	6670	6725	6780	6835	6890	6945
		PR (LI)					12 (129)						14 (146)						16 (135)
	DW	kg	1750	1775	1800	1825	1850	1895	1940	1985	2030	2075	2120	2130	2140	2150	2160	2170	2180
		lbs	3860	3915	3970	4025	4080	4180	4275	4375	4475	4575	4675	4695	4720	4740	4760	4785	4805

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

LOAD & INFLATION TABLE

Diagonal (Bias) Ply Agricultural Tractor Steering Wheel Tires Used In Field Service

Including hillside combines tires used as singles

MAX. SPEED - 25 MPH	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)											
TIRE SIZE	24	28	32	36	40	44	48	52	56	60	64	68
4.00-12 SL	300	330	365	395	420	440	465	495(4)				
4.00-15 SL	355	395	430	465	495	535	565	585(4)				
4.00-19 SL	420	480	520	565	600	640	675	715(4)				
5.00-15 SL	480	535	585	640	675	715(4)						
5.50-16 SL	600	660	715	785	855(4)	910	935	990	1050(6)			
6.00-14 SL	615	695	740	805	880	935	965	1020(6)				
6.00-16 SL	675	760	825	910(4)	965	1020	1070	1140(6)	1200	1230	1280	1360(8)
6.50-16 SL	785	855	935	1020(4)	1100	1140	1230(6)					
7.50-16 SL	990	1100	1200	1320	1390	1480(6)	1570	1650	1710(8)			
7.50-18 SL	1070	1200	1320	1430	1520	1610(6)	1710	1760	1870			
7.50-20 SL	1170	1280	1390(4)	1520	1610	1710(6)						
8.00-16 SL	1070	1200	1320	1430	1520(6)	1610	1710	1820	1870	1980	2040(10)	
9.50-20 SL	1650	1870	2040	2200	2340	2470(8)						
10.00-16 SL	1570	1760	1930(6)	2090	2200	2340(8)						
11.00-16 SL	1870	2090	2270(6)	2470	2600(8)	2760	2910	3080	3300	3420(12)		
11.00-20	2150	2400	2600	2830	3000(8)	3200	3420(4)	3520	3740	3860(12)		
11.00-24 SL	2400	2680	2910	3200	3420(8)	3640	3860(10)	4080	4180	4400(12)		
12.4-30	2600	2830	3080	3300	3520(10)							
LOW SECTION HEIGHT												
7.5L-15 SL	965	1070	1170	1280	1360	1430(6)						
9.5L-15 SL	1170	1280	1430	1520(6)	1650	1760	1870(8)					
11L-15 SL	1390	1570	1710(6)	1870	1980	2090(8)	2200	2340(10)				
11L-16 SL	1480	1650	1760(6)	1930	2090	2200(8)	2340	2470(10)	2540	2680	2760(12)	
14L-16.1 SL	2270	2540(6)	2830	3000(8)	3200	3420(10)	3640	3860(12)				
16.5L-16.1 SL	2910	3200	3520(8)	3860	4080(10)							
14.5/75-16.1 SL	2270	2540	2760	3000	3200(10)							

NOTES:
1. The small index numbers denote ply rating for which the accompanying loads are maximum.
2. Maximum shipping pressures are the maximum inflation pressures for the tire sizes and ply ratings shown.
3. For above tires used in cyclic loading service (excluding hillside combines) with speeds up to 5 MPH, above loads may be increased 67%. This load increase is also applicable to tires used on vehicles with mechanism capable of maintaining tires and wheels in a vertical position on slopes up to 11° (20% grade).
4. Tire load limits at various speeds with no change in pressure:

MAX. SPEED	% INCREASE TO LOADS IN ABOVE TABLE
10 MPH	+50% (except Hillside Combines)
15 MPH	+28% (except Hillside Combines)
20 MPH	+11%
25 MPH	SAME AS ABOVE TABLE
30 MPH	-9 (F-3 only)

CAUTION: LOAD MUST NEVER EXCEED CAPABILITIES AS STATED ON TIRE SIDEWALL.

Horsepower Capabilities of Drive Tires Used on Two Wheel Drive & Front Axle Assist Tractors at Various Speeds

Take time to carefully match the recommended tire size to your power unit and field operating speed to obtain maximum efficiency and tire life.

Tractor manufacturers recommend operation of their equipment at field speeds of 5 mph and above. Tire sizes fitted to most tractors are selected assuming field operation in this speed range. If speed is reduced below this recommended range for prolonged time periods, tire and/or equipment problems can be expected.

Excessive tire wear, slippage and excessive fuel consumption are problems that may be encountered when a tire's horsepower capacity is exceeded. These problems may be eliminated by careful evaluation of your equipment's horsepower capabilities, drive tire loads and inflation pressure, and the speed at which you operate your equipment. Increasing or decreasing your continuous operating speed by small increments in the critical field speed range will make a significant change in tire requirements, tire performance, and in overall efficiency and performance of your equipment.

The tables that follow provide you with an easy way to be sure that you have the right size tires for your operation. As these tables show, field tillage speeds less than the recommended 5 mph may require a larger tire size. It also may help you to determine whether singles, duals, or triples should be used. Since the horsepower capability of a tire depends on the inflation pressure in the tire, the table that follow show horsepower ratings for radial tires at a range of pressures from 6 psi up to rated pressure. Bias tires cannot be used below 12 psi, so only 12 psi and above are shown for them. Four-wheel drive (all tires same size) tractors are not shown because current size selection criteria result in adequate tire horsepower capability.

TO USE THESE TABLES: Find the size of interest in the left-hand column and select the operating pressure determined by load considerations. Follow that row across to the right until you come to the type of tractor and tillage speed that you use. For front wheel assist tractors, horsepower capacity is based on rear drive tire size and inflation. The number shown in the table is the maximum PTO horsepower the tires can transmit when duals (four tires per axle) are used on the tractor. To obtain the horsepower ratings for singles (two tires per axle) and triples (six tires per axle), multiply the horsepower ratings by 0.568 and 1.397 respectively. Please note that tillage speeds below 5 mph are not recommended by tractor manufacturers. The reference horsepower in the table must be greater than your tractor PTO horsepower. If the tractor PTO horsepower exceeds the amount shown in the table then you must either use a tire with a higher horsepower capacity or else decrease the drawbar pull requirements to enable a higher tillage speed. NOTE: The higher the operating speed, the more horsepower a tire can handle.

Horsepower Capacities as Duals

MAIN DRIVE TIRE SIZE	LOAD INDICATOR/ PLY RATING	INFLATION PRESSURE (PSI)	RECOMMENDED 5 MPH		3 MPH	
			2WD	FRONT ASSIST	2WD	FRONT ASSIST
14.9R46		6	118	139	71	84
14.9R46		12	178	210	107	126
14.9R46	★	18	224	264	135	158
14.9R46	★★	24	265	312	159	187
14.9R46	★★★	30	305	358	183	215
15.5-38		12	136	160	81	96
15.5-38	6	20	184	216	110	130
15.5R38		6	101	118	60	71
15.5R38		12	152	179	91	107
15.5R38	★	18	190	223	114	134
16.9-38		12	172	202	103	121
16.9-38	6	18	218	256	131	154
16.9-38	8	24	258	303	155	182
16.9R38		6	129	152	77	91
16.9R38		12	195	229	117	138
16.9R38	★	18	244	287	146	172
16.9R38	★★	24	296	348	178	209
16.9R38	141	24	296	348	178	209
16.9R38	★★★	30	334	393	200	236
18.4-34		12	195	229	117	138
18.4-34	6	16	229	270	138	162
18.4-34	8	20	265	312	159	187
18.4-34	12	32	344	405	207	243
18.4R34		6	148	174	89	104
18.4R34		12	218	256	131	154
18.4R34	★	18	280	329	168	197
18.4R34	★★	24	321	377	192	226
18.4R34	144	24	321	377	192	226
18.4-38		12	207	243	124	146
18.4-38	6	16	244	287	146	172
18.4-38	8	20	280	329	168	197
18.4-38	10	26	334	393	200	236

Note: For single tires, multiply the above horsepower rating by 0.568. For triples, multiply the above horsepower rating by 1.397.

Horsepower Capacities as Duals

MAIN DRIVE TIRE SIZE	LOAD INDICATOR/ PLY RATING	INFLATION PRESSURE (PSI)	RECOMMENDED 5 MPH		3 MPH	
			2WD	FRONT ASSIST	2WD	FRONT ASSIST
18.4-38	12	32	373	439	224	263
18.4R38		6	156	184	94	110
18.4R38		12	229	270	138	162
18.4R38	★	18	296	348	178	209
18.4R38	★★	24	344	405	207	243
18.4R38	146	24	344	405	207	243
18.4-42		12	218	256	131	154
18.4-42	8	20	296	348	178	209
18.4-42	10	26	344	405	207	243
18.4R42		6	161	189	96	113
18.4R42		12	244	287	146	172
18.4R42	★	18	313	368	188	221
18.4R42	★★	24	362	426	217	256
18.4R42	148	24	362	426	217	256
18.4R46		6	172	202	103	121
18.4R46		12	258	303	155	182
18.4R46	★	18	321	377	192	226
18.4R46	★★	24	386	454	232	272
18.4R46	★★★	30	446	525	268	315
20.8-34		12	237	279	142	167
20.8-34	8	18	305	358	183	215
20.8-34	10	22	344	405	207	243
20.8-34	14	32	420	494	252	296
20.8R34		6	178	210	107	126
20.8R34		12	265	312	159	187
20.8R34	★	18	334	393	200	236
20.8-38		12	250	294	150	177
20.8-38	8	18	321	377	192	226
20.8-38	10	22	362	426	217	256
20.8-38	14	32	446	525	268	315
20.8R38		6	190	223	114	134
20.8R38		12	280	329	168	197
20.8R38	★	18	355	417	213	250
20.8R38	★★	24	420	494	252	296
20.8R38	153	24	420	494	252	296
20.8-42		12	265	312	159	187
20.8-42	10	22	386	454	232	272
20.8R42		6	195	229	117	138
20.8R42		12	296	348	178	209
20.8R42	★	18	373	439	224	263
20.8R42	★★	24	446	525	268	315
20.8R42	155	24	446	525	268	315
23.1-34		12	280	329	168	197
23.1-34	8	16	334	393	200	236
23.1-34	10	20	386	454	232	272
24.5-32		12	305	358	183	215
24.5-32	10	20	409	482	246	289
24.5-32	12	24	459	540	275	324
24.5-32	16	30	516	607	310	364
24.5R32		6	224	264	135	158
24.5R32		12	334	393	200	236
24.5R32	★	18	430	506	258	304
24.5R32	★★	24	503	592	302	355
30.5L-32		12	362	426	217	256
30.5L-32	10	16	430	506	258	304
30.5L-32	12	20	488	574	293	344
30.5L-32	14	22	516	607	310	364
30.5L-32	16	26	574	675	344	405
30.5L-32VA	16	26	574	675	344	405
30.5L-32VA	24	38	709	834	426	501
30.5LR32		6	265	312	159	187
30.5LR32		12	396	466	238	280
30.5LR32	★	18	503	592	302	355
250/95R50		6	86	101	52	61
250/95R50		12	122	144	73	86
250/95R50		17	156	184	94	110
250/95R50	125	23	190	223	114	134
250/95R50	128	29	207	243	124	146
250/95R50	131	35	224	264	135	158
250/95R50	137	46	265	312	159	187

Note: For single tires, multiply the above horsepower rating by 0.568. For triples, multiply the above horsepower rating by 1.397.

Horsepower Capacities as Duals

MAIN DRIVE TIRE SIZE	LOAD INDICATOR/ PLY RATING	INFLATION PRESSURE (PSI)	RECOMMENDED 5 MPH		3 MPH	
			2WD	FRONT ASSIST	2WD	FRONT ASSIST
250/95R54		6	89	105	54	63
250/95R54		12	125	147	75	88
250/95R54		17	161	189	96	113
250/95R54		23	201	237	121	142
250/95R54		29	218	256	131	154
250/95R54		35	229	270	138	162
250/95R54		46	271	319	163	191
250/95R54	141	52	296	348	178	209
320/85R34		6	92	108	55	65
320/85R34		12	129	152	77	91
320/85R34	121	17	167	196	100	118
320/85R34	127	23	201	237	121	142
320/85R34	131	29	224	264	135	158
320/85R34	133	35	237	279	142	167
320/85R38		6	98	115	59	69
320/85R38		12	136	160	81	96
320/85R38		17	178	210	107	126
320/85R38		23	213	250	128	150
320/85R38		29	237	279	142	167
320/85R38	135	35	250	294	150	177
320/85R38		46	296	348	178	209
320/85R38	143	52	313	368	188	221
320/80R42		6	98	115	59	69
320/80R42		12	136	160	81	96
320/80R42	123	17	178	210	107	126
320/80R42	130	23	218	256	131	154
320/80R42	133	29	237	279	142	167
320/80R42		35	250	294	150	177
320/80R42	141	46	296	348	178	209
320/90R42		6	109	128	65	77
320/90R42		12	152	179	91	107
320/90R42	126	17	195	229	117	138
320/90R42		23	237	279	142	167
320/90R42		29	258	303	155	182
320/90R42	139	35	280	329	168	197
320/90R46		6	112	132	67	79
320/90R46		12	156	184	94	110
320/90R46	127	17	201	237	121	142
320/90R46	135	23	250	294	150	177
320/90R46	138	29	271	319	163	191
320/90R46	140	35	288	339	173	203
320/90R46	146	46	344	405	207	243
320/90R46	148	52	362	426	217	256
320/90R50		6	118	139	71	84
320/90R50		12	167	196	100	118
320/90R50	129	17	213	250	128	150
320/90R50	136	23	258	303	155	182
320/90R50	140	29	288	339	173	203
320/90R50	142	35	305	358	183	215
320/90R50	148	46	362	426	217	256
320/90R54		6	122	144	73	86
320/90R54		12	172	202	103	121
320/90R54		17	224	264	135	158
320/90R54	138	23	271	319	163	191
320/90R54		29	296	348	178	209
320/90R54		35	313	368	188	221
320/90R54	149	46	373	439	224	263
340/85R46		6	118	139	71	84
340/85R46		12	167	196	100	118
340/85R46	129	17	213	250	128	150
340/85R46		23	258	303	155	182
340/85R46	140	29	288	339	173	203
380/80R38		6	118	139	71	84
380/80R38		12	167	196	100	118
380/80R38	130	17	218	256	131	154
380/80R38	137	23	265	312	159	187
380/80R38	140	29	288	339	173	203
380/80R38	142	35	305	358	183	215
380/85R46	146	46	344	405	207	243
380/90R46		6	148	174	89	104

Note: For single tires, multiply the above horsepower rating by 0.568. For triples, multiply the above horsepower rating by 1.397.

Horsepower Capacities as Duals

MAIN DRIVE TIRE SIZE	LOAD INDICATOR/ PLY RATING	INFLATION PRESSURE (PSI)	RECOMMENDED 5 MPH		3 MPH	
			2WD	FRONT ASSIST	2WD	FRONT ASSIST
380/90R46		12	201	237	121	142
380/90R46		17	265	312	159	187
380/90R46		23	321	377	192	226
380/90R46		29	355	417	213	250
380/90R46	149	35	373	439	224	263
380/90R50		6	152	179	91	107
380/90R50		12	213	250	128	150
380/90R50		17	271	319	163	191
380/90R50		23	334	393	200	236
380/90R50		29	362	426	217	256
380/90R50	151	35	396	466	238	280
380/90R54		6	156	184	94	110
380/90R54		12	224	264	135	158
380/90R54		17	288	339	173	203
380/90R54	146	23	344	405	207	243
380/90R54		29	386	454	232	272
420/80R46		6	152	179	91	107
420/80R46		12	213	250	128	150
420/80R46	139	17	280	329	168	197
420/80R46	145	23	334	393	200	236
420/80R46	149	29	373	439	224	263
420/80R46	151	35	396	466	238	280
420/80R46	156	46	459	540	275	324
420/80R46	159	52	503	592	302	355
480/70R34		6	144	169	86	102
480/70R34		12	201	237	121	142
480/70R34		17	258	303	155	182
480/70R34	143	23	313	368	188	221
480/70R34	146	29	344	405	207	243
480/70R34	155	46	446	525	268	315
480/85R34		6	172	202	103	121
480/85R34		12	237	279	142	167
480/85R34		17	305	358	183	215
480/85R34	149	23	373	439	224	263
480/80R38		6	172	202	103	121
480/80R38		12	237	279	142	167
480/80R38		17	305	358	183	215
480/80R38	149	23	373	439	224	263
480/80R42		6	178	210	107	126
480/80R42		12	250	294	150	177
480/80R42		17	321	377	192	226
480/80R42	151	23	396	466	238	280
480/80R46		6	190	223	114	134
480/80R46		12	265	312	159	187
480/80R46	145	17	334	393	200	236
480/80R46	152	23	409	482	246	289
480/80R46	155	29	446	525	268	315
480/80R46	158	35	488	574	293	344
480/80R50		6	195	229	117	138
480/80R50		12	271	319	163	191
480/80R50	147	17	355	417	213	250
480/80R50	154	23	430	506	258	304
480/80R50	157	29	475	558	285	335
480/80R50	159	35	503	592	302	355
520/85R38		6	201	237	121	142
520/85R38		12	288	339	173	203
520/85R38	148	17	362	426	217	256
520/85R38	155	23	446	525	268	315
520/85R42		6	213	250	128	150
520/85R42		12	296	348	178	209
520/85R42	150	17	386	454	232	272
520/85R42	157	23	475	558	285	335
520/85R46		6	224	264	135	158
520/85R46		12	313	368	188	221
520/85R46		17	396	466	238	280
520/85R46	158	23	488	574	293	344
540/65R30		6	148	174	89	104
540/65R30		12	207	243	124	146
540/65R30		17	265	312	159	187
540/65R30		23	313	368	188	221

Note: For single tires, multiply the above horsepower rating by 0.568. For triples, multiply the above horsepower rating by 1.397.

Horsepower Capacities as Duals

MAIN DRIVE TIRE SIZE	LOAD INDICATOR/ PLY RATING	INFLATION PRESSURE (PSI)	RECOMMENDED 5 MPH		3 MPH	
			2WD	FRONT ASSIST	2WD	FRONT ASSIST
540/65R30		29	355	417	213	250
540/65R30	150	35	386	454	232	272
540/65R34		6	156	184	94	110
540/65R34		12	218	256	131	154
540/65R34	140	17	288	339	173	203
540/65R34	145	23	334	393	200	236
580/70R38	155	23	446	525	268	315
600/70R30		6	190	223	114	134
600/70R30		12	271	319	163	191
600/70R30		17	344	405	207	243
600/70R30	152	23	409	482	246	289
620/75R30	163	35	558	656	335	394
620/70R42		6	237	279	142	167
620/70R42		12	334	393	200	236
620/70R42	153	17	420	494	252	296
620/70R42	160	23	516	607	310	364
620/70R46		6	244	287	146	172
620/70R46		12	344	405	207	243
620/70R46		17	446	525	268	315
620/70R46	162	23	548	644	329	387
650/75R32		12	334	393	200	236
650/75R32		17	430	506	258	304
650/75R32	160	23	516	607	310	364
650/75R32		29	574	675	344	405
650/75R32	167	35	626	736	375	442
650/75R32	172	46	725	853	435	512
650/75R34		6	244	287	146	172
650/75R34		12	344	405	207	243
650/75R34	155	17	446	525	268	315
650/75R34	162	23	548	644	329	387
650/75R34	168	29	641	755	385	453
650/85R38		6	288	339	173	203
650/85R38		12	409	482	246	289
650/85R38	160	17	516	607	310	364
650/85R38	167	23	626	736	375	442
650/85R38	170	29	688	810	413	486
650/85R38	173	35	746	877	447	526
650/65R42		6	229	270	138	162
650/65R42		12	321	377	192	226
650/65R42	153	17	420	494	252	296
650/65R42	158	23	488	574	293	344
650/65R42	162	29	548	644	329	387
650/65R42	165	35	594	699	357	420
650/65R42	170	46	688	810	413	486
710/70R38		6	280	329	168	197
710/70R38		12	386	454	232	272
710/70R38		17	503	592	302	355
710/70R38	166	23	610	718	366	431
710/70R42		6	288	339	173	203
710/70R42		12	409	482	246	289
710/70R42	160	17	516	607	310	364
710/70R42	168	23	641	755	385	453
800/65R32		12	396	466	238	280
800/65R32		17	503	592	302	355
800/65R32	167	23	626	736	375	442
800/65R32	169	29	667	785	400	471
800/65R32	172	35	725	853	435	512
800/70R38		6	334	393	200	236
800/70R38		12	475	558	285	335
800/70R38	166	17	610	718	366	431
800/70R38	173	23	746	877	447	526
900/65R32		6	344	405	207	243
900/65R32		12	475	558	285	335
900/65R32	166	17	610	718	366	431
900/65R32	172	23	725	853	435	512
900/50R42		6	296	348	178	209
900/50R42		12	409	482	246	289
900/50R42		17	532	626	319	375
900/50R42	168	23	641	755	385	453

 Note: For single tires, multiply the above horsepower rating by 0.568. For triples, multiply the above horsepower rating by 1.397.

Procedures for Filling & Removing Solution

Tube-Type or Tubeless Tires

Mixing Solution

Prepare the calcium chloride mixture by pouring the calcium chloride into the water (never the water into calcium chloride, as considerable heat is generated in this mixing process). The solution should be allowed to cool to atmospheric temperature before pumping in the tire. The pump can be used to mix and cool this solution by circulating it through the pump and back into the barrel with the pump running and the handle moved right to the fill position.

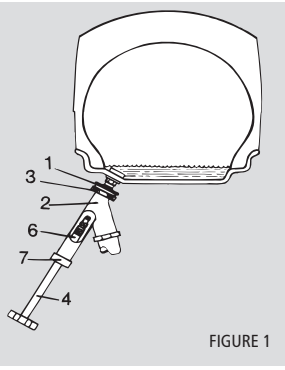


FIGURE 1

Connecting To Valve Stem

The following connections should be made when the pump is not running and with the control handle in the vertical or check position: To connect liquid fill core ejector to two-piece style rear tractor valves TR-218A, TR-618A, (figure 1), unscrew union (1) from core ejector body (2) screw on valve stem finger tight. Screw core ejector body on union (1) making sure rubber gasket (3) is in place, with handle (4) of core ejector pulled out. Push handle (4) of core ejector in until it makes contact with the core housing of the valve, then hold the core ejector in left hand, strike the handle (4) with the right hand to force the core housing in ejector chuck (6). Turn handle (4) to the left to unscrew the core housing, pushing inward lightly so you can feel the threads disengage when completely unscrewed. Then pull handle (4) out as far as it will go to retract core housing into ejector body. The handle will pull out easier if rotated while pulling, as packing nut (7) should be tight enough to prevent air or liquid leaks.

To connect liquid fill core ejector to one-piece style front tractor valves TR415, TR413 (figure 2), screw adapter (A) and gasket to union (1). Insert large end of core remover (B) securely into chuck of core housing ejector (6). Screw adapter and union assembly on valve stem finger tight. Screw ejector union and adapter assembly to core ejector body making sure gasket is in place. The rest of the operation is the same as with the above two-piece valve as described above.

Removing Solution From Tube-Type Or Tubeless Tire

Jack up tractor until tire is slightly deflected and valve is at the bottom. Connect core housing ejector and union to valve stem as previously described. Unscrew

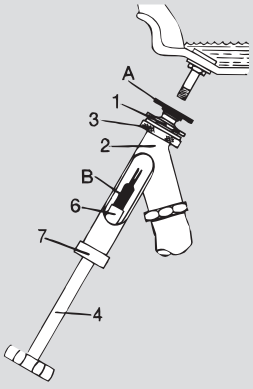


FIGURE 2

WARNING: NEVER EXCEED RECOMMENDED OPERATING PRESSURE WHEN FILLING TIRE WITH SOLUTION OR REMOVING SOLUTION FROM TIRE.

and retract core housing into ejector body with control handle at check position.

Start pump and turn control handle to evacuate position and run until tire is completely evacuated. Turn control handle to check position, stop pump and disconnect core ejector after replacing core housing in the valve stem.

In cases with a tubeless tire unseat beads and demount front bead from rim and pump remaining solution from the tire.

Filling Tube-Type Or Tubeless Tires With Solution

To fill a tire 75% with water or solution: First inflate tire to 35 psi after beads have been fully seated in mounting procedure. Jack up the wheel, if done on a tractor, and turn to bring valve to top position. Then lower jack until tire is slightly deflected. With pump not running and control handle at the check position, connect ejector and remove core housing as described above.

After connection is made, bleed pressure down to about 5 psi. (to keep the beads seated on the rim) by moving control handle to left or evacuate position.

When this point is reached, start pump and move the control handle to the right or fill position. Start hydroinflating tire. Check pressure in tire every few minutes with pump gauge by placing pump in neutral or check position. If pressure exceeds 20 psi, move handle to evacuate until pressure is bled back to not less than 5 psi. After pressure is lowered, continue pumping. Repeat above steps as often as may be necessary to fill until water or solution weight added to assembly is equal to that shown in the tables on previous pages.

Replace core housing in valve stem by pushing handle in until contact is made and turn to right until the core housing is screwed tight in valve stem. Then withdraw handle, turn handle to evacuate, and pump all liquid from hose. Finally, shut off pump, then unscrew ejector body (2) and union (1) from valve. (Fig. 2)

To assure fully-seated beads, inflate tire to 35 psi inflation pressure using a standard air line, and then with valve stem at the top, bleed pressure — and excess water or solution — down to 1-2 psi above recommended inflation.

Set final working pressure after tire has been mounted on tractor with weight on tire and valve at bottom, using an air-water gauge.

Pump Care And Maintenance

Drain Pump: If water or a weak solution of calcium chloride has been used, the pump should be removed from the barrel to prevent it from freezing.

Siphon Valve: To avoid solution or vacuum leakage, keep the nut opposite of the handle tight to a point where handle will turn just a little hard.

Core Ejector: Packing nut (7) on plunger should be kept fairly tight to avoid leaks. However, do not set it so tight that plunger cannot be easily pushed into position. When not in use over long periods of time, keep items (2), (1), (A), and (B) in a bucket of clear water.

Solution in Pump: Do not pump all solution out of barrel. A small amount of solution is required to keep air out of pump and thus prevent corrosion and sticking. If water is used, be sure to place barrel where water will not freeze.

Liquid Weighting of Tractor Tires

Tube-Type or Tubeless Tractor Tires

The traction or pulling power which a tire can exert is in proportion to the weight it carries. The greater the load on the tire, the more tractive effort it can exert. The way to secure more traction and reduce tire slippage and treadwear is add weight to the rear axle.

Filling tires with liquid is one of the most widely used methods of adding weight to the drive axle of a tractor because of its economy and simplicity. Plain water may be used where freezing never occurs.

In colder climates where freezing temperatures occur, calcium chloride flake can be added at the strengths of 3.5 lbs. per gallon of water. For extremely cold climates, 5 lbs. of calcium chloride per gallon of water is used.

Note that the calcium chloride not only provides freezing protection but also increases the weight added by 20% and 28% for 3.5 lbs./gal. and 5 lbs./gal. respectively.

The following tables are for front and rear tractor tires filled to 75% or "valve-level" (valve at 12 o'clock position). Use of fill levels greater than this are not recommended because the tire becomes more susceptible to impact breaks. For a softer ride and better control of power hop, it is recommended that 40% fill (4 o'clock valve position) not be exceeded. Weights and amounts of fill for the 40% level are approximately half of those shown in the tables below.

Liquid fill has a stiffening effect on tire deflection, especially at lower inflation pressures. Because of this, use of liquid fill may make controlling power hop more difficult. For information on optimizing your tractor and eliminating power hop, see the section on Optimum Tractor Tire Performance.

Either tube-type or tubeless tires may be filled with calcium chloride solution. Rim corrosion is not a problem with tubeless tires as long as the tire is always kept inflated. This keeps outside air sealed away from the rim and restrains corrosion. A rim used tubeless with calcium chloride solution must be rinsed with tap water immediately after dismounting to prevent extremely rapid corrosion.

These tables are based on the use of Type 1-77% commercial calcium chloride flake. If type 2-94% calcium chloride flake is used, reduce the weight of calcium chloride added by 25%. Where anti-freeze protection is needed, the 3.5 lbs./gal (420 g/l) solution is slush free to –12°F/–24°C and will freeze solid at –52°F/–47°C. The 5 lbs./gal. (600 g/l) solution is slush free to –52°F/–47°C and will freeze solid at –62°F/–52°C.

Front Tractor Tires – 75% Fill

	WATER		31/2 LBS./420 G CACL2			5 LBS./600 G CACL2		
		WEIGHT	WATER	CACL2	TOTAL WT.	WATER	CACL2	TOTAL WT.
TIRE SIZE	GAL./LITERS	LBS./KG.	GAL./LITERS	LBS./KG.	LBS./KG.	GAL./LITERS	LBS./KG.	LBS./KG.
4.00-12 4.00-15	2/8 2.5/10	17/7.7 21/9.5	1.7/7 2/8	6/2.7 7/3.2	20/9.1 24/11	1.6/6 2/8	8/3.6 10/4.5	21/9.5 27/12
5.00-15	4/15	33/15	3/12	10/4.5	35/16	3/12	15/6.8	40/18
5.50-16	5/19	42/19	4/15	14/6.4	47/21	4/15	20/9.1	53/24
6.00-14 6.00-16	6/23 6/23	50/23 50/23	5/19 5/19	18/8.2 18/8.2	60/27 60/27	5/19 5/19	25/11 25/11	67/30 67/30
6.50-16	7/27	58/26	6/23	21/9.5	71/32	5.5/21	28/13	74/34
7.50-10 7.5L-15 7.50-16 7.50-18 7.50-20	6/23 8.5/33 10/38 11/42 12/46	50/23 71/32 83/38 92/42 100/45	5/19 7/27 8.5/33 9.5/37 10/38	18/8.2 24/11 30/14 33/15 35/16	60/27 82/37 101/46 112/51 118/54	4.8/18 7/27 8/28 9/35 9.5/37	24/11 35/16 40/18 45/20 48/22	64/29 93/42 107/49 120/54 127/58
9.00-10	9/35	75/34	7.5/29	26/12	89/40	7.2/28	36/16	96/44
9.5L-15 9.50-15 9.50-20 9.50-24	11/42 18/69 18/69 20/77	92/42 150/68 150/68 167/77	9.5/37 16/62 16/62 17/65	33/15 56/25 56/25 60/27	112/51 189/86 189/86 202/92	9/35 15/58 15/58 16/62	45/20 75/34 72/33 80/36	120/54 200/91 200/91 213/97
10.00-16	18/69	150/68	16/62	56/25	189/86	15/58	69/31	184/84
11L-15 11L-16 11.00-15 11.00-16	14/54 15/58 24/92 25/96	117/53 123/56 200/91 208/94	12/46 13/50 20/77 22/85	42/19 46/21 70/32 77/35	142/64 155/70 237/108 260/118	11/42 12/46 19/73 20/77	53/24 60/27 95/43 93/42	147/67 160/73 253/115 267/121
14L-16.1	28/108	233/106	24/92	84/38	284/129	23/88	110/50	307/139
16.5L-16.1	41/158	342/155	35/135	122/55	414/188	33/127	167/76	440/200

Note: For 40% fill, multiply above values by 0.5.

Rear Tractor Tires – 75% Fill

	WATER		31/2 LBS./420 G CACL2			5 LBS./600 G CACL2		
		WEIGHT	WATER	CACL2	TOTAL WT.	WATER	CACL2	TOTAL WT.
TIRE SIZE	GAL./LITERS	LBS./KG.	GAL./LITERS	LBS./KG.	LBS./KG.	GAL./LITERS	LBS./KG.	LBS./KG.
7.2-16	7/26	58/26	6/23	21/9.5	71/32	5/19	25/11	67/30
8.3-16	9/34	75/34	8/30	28/13	95/43	8/30	40/18	107/48
9.5-16	12/45	100/45	10/38	35/16	118/54	10/38	50/23	133/61
11.2-16	18/68	150/68	15/57	53/24	178/81	14/53	70/32	187/85
12.4-16	21/79	175/79	18/68	63/29	213/97	17/64	85/39	227/103
13.6-16.1	31/117	258/117	26/98	91/41	308/139	25/95	125/57	333/152
18.4-16.1	49/185	409/186	42/159	147/67	497/226	39/148	195/88	520/236
8.3-24	13/49	108/49	11/42	39/18	131/60	10/38	50/23	133/61
9.5-24	17/64	142/64	15/57	53/24	178/81	14/53	70/32	187/85
11.2-24	24/91	200/91	20/76	70/32	237/108	19/72	95/43	253/115
12.4-24	30/114	250/113	26/98	91/41	308/139	25/95	125/57	333/152
13.6-24	38/144	317/144	32/121	112/51	379/172	30/114	150/68	400/182
14.9-24	47/178	392/178	40/151	140/64	474/215	38/144	190/86	507/230
16.9-24	61/231	509/231	52/197	182/83	616/280	49/185	245/111	654/296
17.5L-24	55/208	459/208	47/178	165/75	557/253	45/170	225/102	600/272
19.5L-24	69/261	575/265	60/227	210/95	710/322	56/212	280/127	747/339
21L-24	87/329	725/329	74/280	259/117	876/397	70/265	350/159	934/424
14.9-26	48/182	400/181	41/155	144/65	486/220	39/148	195/88	520/236
16.9-26	65/246	542/246	56/212	196/89	663/301	52/197	260/118	694/315
18.4-26	79/299	659/299	68/257	238/108	805/365	64/242	320/145	854/387
23.1-26	128/485	1068/485	109/413	328/173	1291/586	103/390	515/234	1374/624
28L-26	157/594	1309/594	134/507	469/213	1587/720	127/481	635/288	1694/769
11.2-28	27/102	225/102	24/91	84/38	284/129	22/83	110/50	293/133
12.4-28	35/132	292/132	30/114	105/48	355/162	28/106	140/64	374/170
13.6-28	43/163	359/163	37/140	130/59	439/199	35/132	175/79	467/211
14.9-28	53/201	442/201	46/174	161/73	545/247	43/163	215/98	574/261
16.9-28	69/261	575/261	59/223	207/94	699/317	56/212	280/127	747/339
18.4-28	84/318	701/318	72/273	252/114	852/387	68/257	340/154	907/412
21L-28	97/367	809/367	83/314	291/132	982/446	79/299	395/179	1054/478
14.9-30	57/216	475/216	48/182	168/76	568/258	46/174	230/104	614/278
16.9-30	73/276	609/276	63/238	221/100	746/338	59/223	292/132	787/355
18.4-30	89/337	742/337	77/291	270/123	912/414	72/273	360/163	960/436
23.1-30	143/541	1193/541	123/466	431/196	1457/662	116/439	580/263	1547/702
24.5-32	170/643	1418/643	146/553	511/232	1729/785	138/522	690/313	1841/835
30.5L-32	217/821	1809/821	186/704	651/295	2202/999	176/666	880/399	2347/1065
35.5L-32	313/1287	2609/1287	291/1101	1019/462	3446/1563	275/1041	1375/624	3669/1665
14.9-34	63/238	525/238	54/204	189/86	639/290	51/193	255/116	680/309
16.9-34	82/310	684/310	70/265	245/111	829/376	66/250	330/150	880/400
18.4-34	100/379	834/378	85/322	298/135	1007/457	81/307	405/184	1081/491
20.8-34	128/485	1068/485	109/413	328/173	1291/586	103/390	515/234	1374/624
23.1-34	159/602	1326/602	136/515	476/216	1610/731	128/485	640/290	1708/775
13.9-36	51/193	425/193	44/167	154/70	521/237	42/159	210/95	560/254
13.6-38	57/216	475/216	49/185	172/78	581/263	46/174	230/104	614/278
15.5-38	66/250	550/250	56/212	196/89	663/301	53/201	265/120	707/321
16.9-38	90/341	751/341	77/291	270/123	912/414	73/276	365/166	974/442
18.4-38	110/416	917/416	94/356	329/149	1113/505	89/337	445/202	1187/539
20.8-38	140/530	1168/530	120/454	420/191	1421/645	114/431	570/259	1521/690
18.4-42	115/435	959/435	98/371	343/156	1160/527	93/352	465/211	1240/563
20.8-42	148/560	1234/560	127/481	444/202	1503/682	120/454	600/272	1600/726
14.9-46	80/303	667/303	68/257	238/108	805/365	65/246	325/147	867/393
18.4-46	129/488	1075/488	111/420	389/176	1314/596	105/397	525/238	1400/635
20.8-46	150/568	1251/568	128/384	448/203	1515/687	121/458	605/274	1614/732
SURE GRIP LOADER SS								
10-16.5	12/46	97/44	10/38	35/16	119/54	10/38	50/23	134/61
12-16.5	15/58	126/57	13/50	46/21	154/70	13/50	65/30	173/78
14-17.5	22/85	185/84	19/73	67/30	227/103	18/68	90/41	240/109
15-19.5	29/112	240/109	25/96	87/39	294/133	24/91	120/54	320/145

Note: For 40% fill, multiply above values by 0.5.

Metric Size Tires – 75% Fill

	WATER		31/2 LBS./420 G CACL2			5 LBS./600 G CACL2		
		WEIGHT	WATER	CACL2	TOTAL WT.	WATER	CACL2	TOTAL WT.
TIRE SIZE	GAL./LITERS	LBS./KG.	GAL./LITERS	LBS./KG.	LBS./KG.	GAL./LITERS	LBS./KG.	LBS./KG.
240/70R16	8/29	65/29	7/26	25/11	83/38	6/23	30/14	80/36
250/80R16	12/46	101/46	10/38	35/16	118/54	10/38	50/23	133/60
250/80R18	13/49	108/49	11/42	39/17	130/59	11/42	55/25	147/67
250/95R34	24/90	197/90	20/76	70/32	237/107	19/72	95/43	253/115
250/95R50	32/119	263/119	27/102	95/43	320/145	26/98	130/59	347/157
260/70R16	10/37	81/37	8/30	28/13	95/43	8/30	40/18	107/48
260/80R20	15/57	126/57	13/49	46/21	154/70	12/45	60/27	160/73
290/95R34	34/130	287/130	29/110	102/46	343/156	28/106	140/64	373/169
290/90R38	34/129	283/129	29/110	102/46	343/156	28/106	140/64	373/169
320/70R24	23/87	192/87	20/76	70/32	237/107	19/72	95/43	253/115
320/75R24	25/95	210/95	22/83	77/35	260/118	20/76	100/45	267/121
320/85R34	38/144	316/144	33/125	116/52	391/177	31/117	155/70	413/188
320/85R38	37/142	312/142	32/121	112/51	379/172	30/114	150/68	400/181
320/80R42	40/153	336/153	35/132	123/56	414/188	33/125	165/75	440/200
320/90R42	49/186	409/186	42/159	147/67	497/226	40/151	200/91	533/242
320/90R46	52/195	430/195	44/167	154/70	521/236	42/159	210/95	560/254
320/90R50	55/210	462/210	47/178	165/75	556/252	45/170	225/102	600/272
320/90R54	56/210	463/210	48/182	168/76	568/258	45/170	225/102	600/272
340/80R18	27/101	223/101	23/87	81/37	272/123	22/83	110/50	293/133
340/85R46	57/214	472/214	49/185	172/78	580/263	46/174	230/104	614/278
380/70R20	31/117	258/117	27/102	95/43	320/145	25/95	125/57	333/151
380/70R24	36/136	299/136	31/117	109/49	367/166	29/110	145/66	387/175
380/70R28	41/155	342/155	35/132	123/56	414/188	33/125	165/75	440/200
380/85R28	50/188	414/188	43/163	151/68	509/231	40/151	200/91	533/242
380/85R30	54/205	452/205	46/174	161/73	545/247	44/167	220/100	587/266
380/85R34	56/213	470/213	48/182	168/76	568/258	46/174	230/104	614/278
380/80R38	56/212	468/212	48/182	168/76	568/258	46/174	230/104	614/278
380/90R46	76/287	631/287	65/246	228/103	769/349	61/231	305/138	814/369
380/90R50	79/300	660/300	68/257	238/108	805/365	64/242	320/145	854/387
380/90R54	84/319	702/319	72/273	252/114	852/387	68/257	340/154	907/411
385/85R34MPT	60/226	497/226	51/193	179/81	604/274	48/182	240/109	640/290
420/70R24	47/176	388/176	40/151	140/64	473/215	38/144	190/86	507/230
420/70R28	53/200	441/200	45/170	158/71	533/242	43/163	215/98	573/260
420/80R46	86/325	715/325	74/280	259/117	876/397	70/265	350/159	934/423
420/85R28	66/249	549/249	56/212	196/89	663/301	53/201	265/120	707/321
420/90R30	72/274	604/274	62/235	217/98	734/333	59/223	295/134	787/357
480/70R28	71/268	590/268	61/231	214/97	722/328	57/216	285/129	760/345
480/70R30	75/284	625/284	64/242	224/102	758/344	61/231	305/138	814/369
480/70R34	83/314	691/314	71/269	249/113	840/381	67/254	335/152	894/405
480/80R38	105/397	875/397	90/341	315/143	1065/483	85/322	425/193	1134/514
480/80R42	113/427	941/427	97/367	340/154	1148/521	92/348	460/209	1227/557
480/80R46	119/451	993/451	102/386	357/162	1207/548	97/367	485/220	1294/587
480/80R50	125/474	1044/474	107/405	375/170	1267/575	102/386	510/231	1360/617
480/85R34	99/376	829/376	85/322	298/135	1006/456	81/307	405/184	1080/490
VA500/95D32	138/521	1147/521	118/447	413/187	1397/634	112/424	560/254	1494/678
520/85R38	133/504	1111/504	114/431	399/181	1349/612	108/409	540/245	1440/653
520/85R42	142/537	1183/537	122/462	427/194	1444/655	115/435	575/261	1534/696

Note: For 40% fill, multiply above values by 0.5.

Metric Size Tires – 75% Fill

	WATER		31/2 LBS./420 G CACL2			5 LBS./600 G CACL2		
		WEIGHT	WATER	CACL2	TOTAL WT.	WATER	CACL2	TOTAL WT.
TIRE SIZE	GAL./LITERS	LBS./KG.	GAL./LITERS	LBS./KG.	LBS./KG.	GAL./LITERS	LBS./KG.	LBS./KG.
520/85R46	153/580	1278/580	131/496	459/208	1551/703	124/469	620/281	1654/750
540/65R30	80/304	671/304	69/261	242/110	817/370	65/246	325/147	867/393
580/70R38	142/536	1181/536	121/458	424/192	1432/650	115/435	575/261	1534/696
600/65R28	99/374	824/374	85/322	298/135	1006/456	80/303	400/181	1067/484
600/70R28	117/442	979/445	89/336	446/202	1191/541	95/358	475/216	1266/575
620/75R26	125/475	1046/475	108/409	378/171	1278/580	102/386	510/231	1360/617
620/70R42	169/641	1412/641	145/549	508/230	1716/779	137/519	685/311	1827/829
620/70R46	183/692	1523/692	157/594	550/249	1858/843	148/560	740/336	1974/895
650/75R32	162/613	1350/613	139/526	487/221	1645/746	131/496	655/297	1747/793
650/75R34	185/699	1539/699	158/598	553/251	1870/848	150/568	750/340	2001/907
650/85R38	229/865	1905/865	196/742	686/311	2320/1052	185/700	925/420	2467/1119
650/65R42	164/619	1364/619	140/530	490/222	1657/752	133/503	665/302	1774/805
710/70R38	201/763	1680/763	173/655	606/275	2048/929	163/617	815/370	2174/986
710/70R42	228/863	1901/863	195/738	683/310	2308/1047	185/700	925/420	2467/1119
750/65R26	168/635	1398/635	144/545	504/229	1705/773	136/515	680/308	1814/823
800/65R32	202/766	1687/766	173/655	606/275	2048/929	164/621	820/372	2187/992
800/70R38	265/1002	2208/1002	227/859	795/360	2687/1219	215/814	1075/488	2867/1301
900/50R42	235/888	1956/888	201/761	704/319	2379/1079	190/719	950/431	2534/1149
900/60R32	270/1022	2252/1022	231/874	809/367	2734/1240	219/829	1095/497	2921/1325
900/65R32	289/1096	2413/1096	248/939	868/394	2936/1332	235/889	1175/533	3134/1422

Terra-Tires – 75% Fill

	WATER		31/2 LBS./420 G CACL2			5 LBS./600 G CACL2		
		WEIGHT	WATER	CACL2	TOTAL WT.	WATER	CACL2	TOTAL WT.
TIRE SIZE	GAL./LITERS	LBS./KG.	GAL./LITERS	LBS./KG.	LBS./KG.	GAL./LITERS	LBS./KG.	LBS./KG.
23x8.50-12 NHS	6/23	50/23	5/19	18/8	60/27	5/19	25/11	67/30
23x10.50-12 NHS	7/26	58/26	5/19	21/10	71/32	6/23	30/14	80/36
26x12.00-12 NHS	10/38	83/38	9/34	31/14	106/48	8/30	40/18	107/49
25x8.50-14 NHS	7/26	58/26	6/23	21/10	71/32	6/23	30/14	80/36
25x7.50-15 NHS	6/23	50/23	5/19	18/8	60/27	5/19	25/11	67/30
25x10.50-15 NHS	7/26	58/26	6/23	21/10	71/32	6/23	30/14	80/36
25x12.50-15 NHS	8/30	67/30	7/26	25/11	83/38	7/26	35/16	93/42
27x8.50-15 NHS	7/26	58/26	6/23	21/10	71/32	6/23	30/14	80/36
27x9.50-15 NHS	9/34	75/34	8/30	28/13	94/43	7/26	35/16	93/42
27x10.50-15 NHS	10/38	83/38	9/34	32/15	106/48	8/30	40/18	107/49
29x12.50-15 NHS	14/53	116/53	12/45	42/19	142/64	11/42	55/25	146/66
31x12.50-15 NHS	18/68	149/68	15/57	52/24	177/80	14/53	70/32	186/84
31x13.50-15 NHS	19/72	158/72	16/61	56/25	189/86	18/68	75/34	200/91
31x15.50-15 NHS	20/76	166/75	17/64	60/27	201/91	16/61	80/36	213/97
33x12.50-15 NHS	22/83	183/83	19/72	66/30	224/102	18/68	90/41	239/108
36x13.50-15 NHS	30/114	250/113	26/98	91/41	308/140	24/91	120/54	320/145
38x20.0016.1 NHS	42/159	349/158	36/136	126/57	425/193	34/129	170/77	452/205
38x14.00-20 NHS	30/114	249/113	26/98	91/41	307/139	24/91	120/54	320/145
41x14.00-20 NHS	32/121	267/121	27/102	95/43	320/145	26/98	130/59	347/157
42x25.00-20 NHS	66/250	548/249	57/216	200/91	673/305	53/201	265/120	705/320
43x16.00-20 NHS	52/196	431/195	41/154	150/68	490/223	38/143	200/91	515/234

Note: For 40% fill, multiply above values by 0.5.

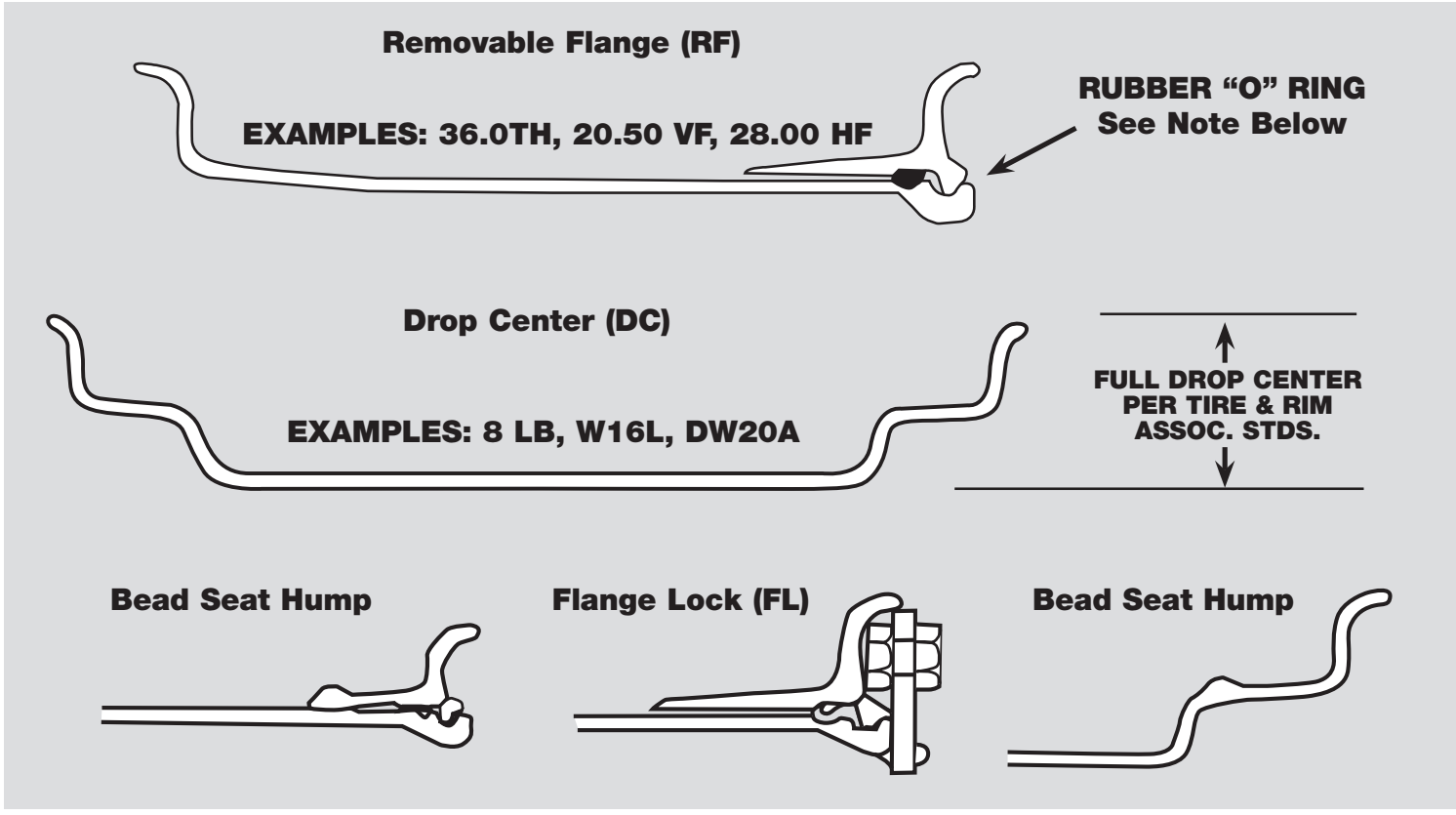
Terra-Tires – 75% Fill

	WATER		31/2 LBS./420 G CACL2			5 LBS./600 G CACL2		
		WEIGHT	WATER	CACL2	TOTAL WT.	WATER	CACL2	TOTAL WT.
TIRE SIZE	GAL./LITERS	LBS./KG.	GAL./LITERS	LBS./KG.	LBS./KG.	GAL./LITERS	LBS./KG.	LBS./KG.
44x18.00-20 NHS	56/212	476/216	48/182	168/76	566/257	45/170	225/102	548/249
44x41.00-20 NHS	110/416	913/414	94/356	329/149	1109/503	88/333	440/200	1170/531
48x25.00-20 NHS	92/348	764/347	79/299	277/126	933/423	74/280	370/168	984/446
48x31.00-20 NHS	125/473	1038/471	107/405	375/170	1263/573	100/378	500/227	1330/603
48x20.00-24 NHS	54/204	450/204	46/174	161/73	545/247	43/163	215/98	573/260
54x31.00-26 NHS	117/443	975/442	100/378	350/159	1184/537	95/360	475/215	1267/575
66x43.00-25 NHS	327/1238	2714/1231	280/1060	980/445	3304/1499	263/995	1315/596	3498/1587
66x44.00-25 NHS	347/1313	2880/1306	298/1128	1043/473	3516/1595	279/1056	1395/633	3711/1683
67x34.00-25 NHS	224/848	1859/843	192/727	672/305	2266/1028	180/681	900/408	2394/1086
67x34.00-26 NHS	220/833	1826/828	188/712	659/299	2220/1007	176/666	882/400	2343/1063
67x34.00-30 NHS	202/765	1677/761	173/655	606/275	2041/926	162/613	810/367	2155/978
73x44.00-32 NHS	372/1408	3088/1401	318/1204	1113/505	3895/1767	299/1132	1495/678	3977/1804

Note: For 40% fill, multiply above values by 0.5.

Rim Types

Goodyear tires are designed to be used with rims having the dimensions of those shown as "approved rims" for the tire size in the Tire and Rim Association yearbook, current at the time of tire manufacture. Usage of other rims must be specifically approved by Goodyear Farm Tires.



Rim Types:

1. Removable Flange (RF) Drop Center (DC) – These are conventional type rims used with tire sizes as specified in the "Approved Rim Contours" charts that follow. When available in both types, the RF rim is recommended for heavier loads and more severe service.
2. Flange Lock (FL) – Driving mechanism and flange locking device on (RF) rims, for use with a high torque application and/or low pressure (below 10 psi) to maintain air seal.
3. Bead Seat Hump – Available when specified on drop center and removable flange rims. For Terra-Tire sizes which operate on side-slopes or rough terrain at inflation pressures of 10 psi or less.

Approved Rim Contours

Radial Agricultural Drive Wheel Tires (R-1 thru R-4)

TIRE SIZE	RECOMMENDED RIM	APPROVED RIM
7.50R16	5.50F	5.50F, 5.00F, 5K, 6.00F, 4.00E, 6.00LB
7.50R18	5.50F	5.50F, 5.00F, 6.00F, 4.50E
9.5R24	W8	W8, W7, W8H
11.2R20	W9	W9, 9, W10
11.2R24	W10	W10, W10H, W9
12.4R20	W11	W11, 11, W9, 9, W10
12.4R24	W11	W11, W10, W10H
12.4R28	W11	W11, W10, W10H
12.4R32	W11	W11
13.6R24	W12	W12, W11
13.6R28	W12	W12, W11
13.9R36	W12	W12
13.6R38	W12	W12, DW12A, W11
14.9R24	W13	W13, W12
14.9R26	W12	W12, DW12A
14.9R28	W13	W13, W12
14.9R30	W13	W13, DW13A
14.9R34	W13	W13
14.9R46	W12A	W12A, W13A, DW13A
15.5R38	W14L	W14L
16.9R24	W15L	W15L
16.9R26	W15L	W15L, DW14A
16.9R28	W15L	W15L, W14L
16.9R30	W15L	W15L, W14L, DW15A
16.9R34	W15L	W15L, DW14A, W15A
16.9R38	W15L	W15L, W14L, DW14A, DW15A
16.9R46	W15L	W15L, W14L, DW14A
17.5LR24	W15L	W15L
18.4R26	DW16A	DW16A, W15L
18.4R30	DW16A	DW16A, W15L, DW15A
18.4R34	W16L	W16L, DW16A, W15L, W16A, W15A
18.4R38	W16A	W16A, DD16, W15L, W15A
18.4R42	W16A	W16A, DD16, DW16A
18.4R46	W16A	W16A, DD16, DW16A
19.5LR24	DW16L	DW16A, W16A
20.8R34	W18L	W18L, W16A, W18A
20.8R38	W18A	W18A, DW18A, DD18
20.8R42	W18A	W18A, DW18A, DD18
24.5R32	DW20A	DH21B, DW21B, DH21HB, DH21H, DH21, DW21A
23.1R26	DW20A	DW20B, DW20A
23.1R30	DH21B	DW20B, DW20A

TIRE SIZE	RECOMMENDED RIM	APPROVED RIM
28LR26	DW25B	DW25B, DW25A
30.5LR32	DH27B	DH27B, DW27B, DH27HB, DH27H, DW27A, DH27

*– Not Design Rim Width

IMPORTANT: Rim dimensions are standardized by the Tire and Rim Association for size and contour only, and particular tire and rim combinations are designated to assure proper mounting and fit of the tire to the rim. The load and cold inflation pressure imposed on the rim and wheel must not exceed the rim and wheel manufacturer's recommendations even though the tire may be approved for a higher load or inflation. Rims and wheels may be identified (stamped) with a maximum load and maximum cold inflation rating. For rims and wheels not so identified or for service conditions exceeding the rated capacities, consult the rim and wheel manufacturers to determine rim and wheel capacities for the intended service.

Approved Rim Contours

Bias Agricultural Drive Wheel Tires (R-1 thru R-4)

TIRE SIZE	RECOMMENDED RIM	APPROVED RIM
5-12	4JA	4JA
6-12	5JA	5JA
7-12	5JA	5JA
7-14	5JA	5JA, 5KB
7-16	6.00F	6L, 6.00F, 6LB
8-16	6.00F	6L, 6.00F, 6LB
12-16.5	9.75 15°	16.5x9.75 15°
7.2-16	6.00F	6.00F
7.2-30	W6	W6
8.3-16	W7	W7
8.3-24	W7	W7
9.5-16	W8	W8L, 8LB
9.5-20	W8	W8
9.5-24	W8	W7, W8, W8H
9.5-36	W8	W8
9.5-42	W8	W8, W9
11.2-16	W10L	W10L
11.2-24	W10H	W10, W10H, W9
11.2-28	W10H	W10, W10H, W9
11.2-34	W10	W10, W9
11.2-36	W9	W9
11.2-38	W10	W10
12.4-16	W10L	W10L, 10LB
12.4-24	W11	W11, W10, W10H
12.4-28	W11	W11, W10, W10H
12.4-36	W11	W11
12.4-38	DW11A	W11, DW11A, W10
12.4-42	W10	W10
13.6-16.1	W11C	16.1xW11C
13.6-16	W12L	W12L, W10L
13.6-24	W12L	W12, W11
13.6-26	DW12A	DW12A, W11, W12
13.6-28	W12	W12, W11
13.6-38	W12	W12, DW12A, W11
13.6-46	W12A	W12A
13.9-36	W12	W12
14.9-24	W13	W13, W12
14.9-26	W12	W12, DW12A
14.9-28	W13	W13, W12
14.9-30	W13	W13, DW13A
14.9-38	W13	W12, DW12A
15.5-38	W14L	W14L, DW14A
16.9-24	W15L	W15L
16.9-26	W15L	W15L, DW14A, DW15A
16.9-28	W15L	W15L, W14L
16.9-30	W15L	W15L, DW15A, W14L, DW14A
16.9-34	W15L	W15L, DW14A
16.9-38	W15L	W15L, W14L, DW14A, DW14, W15A
17.5L-24	W15L	W15L
18.4-16.1	W16C	16.1xW16C, 16.1xW16CH
18.4-24	W16L	W15L, W16L, W16A
18.4-26	DW16A	DW16A, W15L, DW15A
18.4-28	W16L	W16L, W15L, W16A
18.4-30	DW16A	DW16A, W15L, DW15A
18.4-34	W16L, DW16A	DW16A, W16L, W15L
18.4-38	W16A, DD16	W16A, DD16, W15L
18.4-42	W16A, DD16	W16A, DD16, DW16A
19.5L-24	W16L,DW16A	(8 & 10PR) W16L, DW16A, W15L
19.5L-24	DW16A	(12PR & higher) DW16A
20.8-34	W18L	W18L
20.8-38	W18A, DD18	W18A, DD18, DW18A
20.8-42	W18A, DD18	W18A, DD18, DW18A
21L-24	W18L, DW18A	(10PR) W18L, DW18A
21L-24	DW18A	(12 PR & higher) DW18A
21L-28	DW18A	(10PR) W18L, DW18A
21L-28	DW18A	(14PR) DW18L, DW18A
23.1-26	DW20B, DW20A	DW20B, DW20A
23.1-30	DW20B, DW20A	DW20B, DW20A
23.1-34	DW20B, DW20A	DW20B, DW20A
24.5-32	DW21A, DH21HB	DH21B, DW21B, DH21HB, DW20B, DW20A, DW21A, DH21, DH21H
28L-26	DW25B, DW25A	DW25B, DW25A
30.5L-32	DH27H, DW27B	(14PR & lower) DW27B, DH27, DH27H, DH27HB, DW27A
30.5L-32	DH27HB	(16PR & higher) DH27, DH27H, DH27B, DH27HB
VA30.5L-32 **	27VA	27VA
DH35.5L-32 **	DH31HB	DH31, DH31B, DH31H, DH31HB
VA35.5L-32 **	31VA	31VA
** VA and DH rims are not interchangeable		

*– Not Design Rim Width

IMPORTANT: Rim dimensions are standardized by the Tire and Rim Association for size and contour only, and particular tire and rim combinations are designated to assure proper mounting and fit of the tire to the rim. The load and cold inflation pressure imposed on the rim and wheel must not exceed the rim and wheel manufacturer's recommendations even though the tire may be approved for a higher load or inflation. Rims and wheels may be identified (stamped) with a maximum load and maximum cold inflation rating. For rims and wheels not so identified or for service conditions exceeding the rated capacities, consult the rim and wheel manufacturers to determine rim and wheel capacities for the intended service.

Approved Rim Contours

Metric Size Agricultural Drive Wheel Tires (R1 thru R4)

TIRE SIZE	RECOMMENDED RIM	APPROVED RIM
200/70R16	W6	W6
230/95R32	W8	W8, W7
230/95R48	W8	W8
230/115R54	W8A	W8A
240/70R16	W8	W8, W9
250/80R16	W8	W8, W7, W9
250/80R18	W8	W8, W7, W9
250/95R34	W8	W8
250/90R38	W8	W8
250/90R48	W8	W8, W9
250/95R48	W8	W8, W9
250/95R50	W8	W8
250/95R54	W8H	W8H
260/70R16	W8	W8, W9
260/70R20	W8	W8, W9, 9
260/80R20	W8	W8
270/95R58	W8A	W8A
280/70R16	W9	W9, W10, W8
280/70R18	W9	W9, W10, W8
280/70R20	W9	W9, W10, W8
290/95R34	W10	W10
290/90R38	W9	W10
290/90R42	W9	W9, W10
290/95R34	W10	W10, W9
300/70R20	W9	W9, W10
300/90R50	W9	W9, W10, W11
320/70R24	W10	W10, W11
320/75R24	W10	W10, W11
320/80R42	W10	W10
320/85R24	W11	W11, W9, W10, W10H
320/85R34	W10L	W10H
320/85R38	W10	W10, W11, DW10A, DW11A
320/80R42	W9	W9, W10
320/90R42	W10	W10, W9
320/90R46	W10A	W10A, DW10A
320/90R50	W10A	W10A, DW10A
320/90R54	W10A	W10A
320/105R54	W10A	W10A
320/90R72.5	72.5x10.00LSW 15°	72.5x10.00LSW 15°
340/65R18	W11	W11, W10, W12
340/80R18	W9	W9, W11
340/85R46	W12A	W12A, DW10A, W10A
340/90R28	W11	W11
360/70R20	W11	W11, W10, W12
360/70R24	W11	W11, W10, W12
360/70R28	W11	W11, W10, W12
380/70R20	W12	W12, W11, W13
380/70R24	W12	W12, W11, W13
380/70R28	W12	W12, W11, W13
380/80R38	W11	W12
380/80R42	W12	W12, DW12A, W11, DW11A
380/85R24	W12	W12, W11, W13
380/85R28	W12	W12, W11, W13
380/85R30	W12	W12, W13, DW13A
380/85R34	W12	W12, W13
380/80R38	W12	W12, DW12A

TIRE SIZE	RECOMMENDED RIM	APPROVED RIM
380/95R38	W12	W12, DW12A
380/85R46	W13A	W13A, DW13A, W12A
380/90R46	W12A	W12A, W13A, DW13A
380/90R50	W12A	W12A, DW12A
380/90R54	W12A	W12A
380/105R50	W13A	W12A, W13A, DW13A, DW12A
385/85R34MPT	W12	W12, DW12, W13, DW13
400/70R18	W13	W14L, 13
400/70R18IND	W13	W12, W13
400/70R20	W13	W14L, 13
400/70R20IND	W13	W14L, W12, W13
420/70-24	W13	W13, W12, W14L
420/70R24	W13	W13, W12, W14L
420/70R28	W13	W13, W12, W14L
420/80R46	W13A	W13A, DW13A, W12A
420/85R26	W13	W13, DW13A
420/90R30	W13	W13, DW13A, W14L, W15L
420/85R28	W13	W12, W13, W14L
420/85R38	W15L	W15L, W14L, W15A
420/85R34	W13	W13, W14L, DW14A, W15A, W15L
420/80R46	W13A	W13A, DW13A, W12A
420/90R30	W13	W13, DW13A, W14L
440/80R28	W15L	W15L, W14L, W13L
460/70R24	W14L	W14L, W15L
460/85R30	W16L	W16L, W15L, W14L
460/85R42	W16L	W16L, W15L, W14L
480/65R28	W15L	W15L, W14L
480/70R24	W15L	W15L, W16L, W14L
480/70R28	W15L	W15L, W14L, W16L
480/70R30	W15L	W15L, W14L, W16L, DW15A, W16A
480/70R34	W15L	W15L, W16L, W15A, W16A, DW16A
480/80R24	W15L	W15L, W16L, W18L
480/80R26	DW15A	DW15A, W15L, W16L
480/80R30	W15L	W15L, W14L, W16L, DW15A
480/80R34	W16L	W16L, DW16A, W15L
480/80R38	W15L	W15L, W15A, W16A, DD16, DW16A
480/80R42	W16A	W16A, DW16A, DD16
480/80R46	W16A	W16A, DW16A, DD16
480/80R50	DW15A	DW15A, W15A, DW16A
480/85R26	W15L	DW15A, W15L, W16L
480/85R30	W15L	W15L, W16L, DW15A
480/85R34	W15L	W15L, W16L, W16A, DW14A, DW16A, W15A
480/95R50	W15A	DW15A, W15A, DW16A
500/60-22.5	AG16.00	AG16.00
500/65D24	W16L	W16L, W16A, W15L, DW16A
500/70R24	W16L	W16L, W16A, W15L, DW16A
500/70R24IND	W16L	W16L, W16A, W15L, DW16A
500/85R24	W16L	W16L, W16A, W15L, DW16A
VA500/95D32	13.00VA	13.00VA
520/70R30	W16L	W16L, W18L
520/70R38	W16L	W16L, W16A, DD16, W18A, DD18, W15L, W15A
520/85R38	W16A	W16A, DD18, W18A, DD16, DW16A, DW18A
520/85R42	W16A	W16A, W18A, DW18A, DW16A, DD16, DD18
520/85R46	W16A	W16A, W18A, W16L, W18L, DD16
540/65R24	W16L	W16L, W18L
540/65R30	W16L	W16L, W16A, DW16A

TIRE SIZE	RECOMMENDED RIM	APPROVED RIM
540/65R34	W16L	W16L, W18L, W16A, W18A
540/70R24	W16L	W16L, W18L
540/75R28	W18L	W18L, W16L
540/75R34	W18L	W18L, W16L
580/70R24	W18L	W18L
580/70R26	DW18L	DW18L, W18L
580/70R38	W18L	W18A, DW18A, DD18
600/50D22.5	AG20.00	AG20.00
600/60R34	DW20A	DW20A, MW20A, DW20B, MW20B
600/65R28	W18L	W18L
600/70R28	W18L	W18L, DW20B, DW18L
600/70R30	W18L	DW20B, DW20A, DW18A
620/75R26	DW20A	DW20B, DW20A
620/75R30	DW20A	DW20B, DW21B, DW21A, DW20A
620/70R42	DW20A	DW20B, MW20B, DW20A, MW20A
620/70R46	DW20A	DW20B, MW20B, DW20A, MW20A
650/75R32	DW21A	DW21B, DH21B, DH21H, DH21HB, DW21A, DH21
650/75R34	DW20A	DW20B, DW21B, DW20A, DW21A
650/75R38	DW21A	DW21B, DW23B, DW20A, DW21A, DW23A
650/85R38	DW20A	DW20B, MW23B, DW20A, MW23A
650/65R38	DW20A	DW20B, DW20A
650/65R42	DW20A	DW23B, MW23B, MW23A, DW23A
710/70R38	MW25A	MW25B, DW25B
710/70R42	MW25A	MW25B, DW25B
750/55R26	DW25A	DW25B, DW25A
750/65R26	DW25A	DW25B, DW25A
800/65R32	DW27A	DH27HB, DH27H, DH27, DH27B, DW27B
800/70R38	DW27A	DW27B, MW28B
850/80R38	DW27A	DW27B, MW28B, DW27A, MW28A
850/75R42	DW27B	DW27B, MW28B, DW27A, MW28A
900/50R32	DW31A	DW30B, DH31B, DH31HB, DH31H, DW31B, DW30A, DW31A, DH31
900/50R42	DW31A	DW30B, DW31B, MW30B, MW30A, DW30A, DW31A
900/55R32	DW31A	DW30B, DH31B, DH31HB, DH31H, DW31B, DW30A, DW31A, DH31
900/60R32	DW31A	DW30B, DH31B, DH31HB, DH31H, DW31B, DW30A, DW31A, DH31
900/65R32	DW31A	DW30B, DH31B, DH31HB, DH31H, DW31B, DW30A, DW31A, DH31
900/55R42	DW31A	DW30B, DW31B, MW30B, MW30A, DW30A, DW31A
900/60R42	DW31A	DW30B, DW31B, MW30B, MW30A, DW30A, DW31A
900/65R32	DW30A	DW30B, DH31B, DH31HB, DH31H, DW31B, DW30A, DW31A, DH31
900/75R32	DW30B	DW30B, DH31B, DH31HB, DH31H, DW31B, DW30A, DW31A, DH31
1100/45R46	DW36HB	DW36HB
1050/50R32	DW36B	36.0VA, DW36B, 36DWM, DH36H, DH36HB, DW36A
1000/50R25	36.0TH	36.0TH
1250/50R32	DW44B	DW44B
1250/35R42	DW44B	DW44B
LSW1100R46	LSW38.0	LSW38.0
LSW430R38	W15L	W14L, W15L, DW14A, DW15A
LSW525R50	DW16A	DW16A

IMPORTANT: Rim dimensions are standardized by the Tire and Rim Association for size and contour only, and particular tire and rim combinations are designated to assure proper mounting and fit of the tire to the rim. The load and cold inflation pressure imposed on the rim and wheel must not exceed the rim and wheel manufacturer's recommendations even though the tire may be approved for a higher load or inflation. Rims and wheels may be identified (stamped) with a maximum load and maximum cold inflation rating. For rims and wheels not so identified or for service conditions exceeding the rated capacities, consult the rim and wheel manufacturers to determine rim and wheel capacities for the intended service.

Terra-Tire® High Flotation Tires

TIRE SIZE	RIM RECOMMENDED	ALTERNATE RIM
27 x 8.50-15 NHS	7JA	7.00 I-55, I-70, I-90
27 x 9.50-15 NHS	7JA	8LB
25 x 7.50-15 NHS	6LB	
25 x 10.50-15 NHS	8LB	
25 x 12.50-15 NHS	10LB	
27x10.50-15 NHS	8LB	
29x10.50-15 NHS	8LB	
29x12.50-15 NHS	10LB	
29x14.00-15 NHS	10LB	12LB
31 x 12.50-15 NHS	10LB	
31 x 13.50-15 NHS	10LB	
31 x 15.50-15 NHS	13LB	
33 x 12.50-15 NHS	10LB	
33 x 14.50-15 NHS	10LB	
36 x 13.50-15 NHS	10LB	
33x12.50-16.5 NHS	9.75	
35x12.00-16.5 NHS	9.75	
35x19.00-16.1 NHS	W16C	W16CH
38 x 20.00-16.1 NHS	W16C	W16CH
38 x 14.00-20 NHS	W11H	
38x18.00-20 NHS	W14L	W14LH
41 x 14.00-20 NHS	W11H	
42 x 25.00-20 NHS	20.50VF	20.50HF
44 x 18.00-20 NHS	W14L	W14LH
44 x 41.00-20 NHS	36.0VF	
48 x 25.00-20 NHS	20.50VF	20.50HF
48 x 31.00-20 NHS	26.00VF	26.00HF
66 x 43.00-25 NHS	36.0TH	See Notes
66 x 44.00-25 NHS	36.0TH	See Notes
67 x 34.00-25 NHS	30.0TH	See Notes
54 x 31.00-26 NHS	DW25A	DW26A
67 x 34.00-26 NHS	DW30	
67 x 34.00-30 NHS	DW30	
68x50.00-32 NHS	DW44A	44DWM, DH44, DH44H
VA73 x 44.00-32 NHS	36.0VA	
DH73 x 44.00-32 NHS	DH36	

Flange Requirements for 25" Diameter Rim High Flotation Tires

Notes:

1. Proper bead fit on the rim is important for optimum tire performance and tire life especially for tires that are subjected to high deflections as encountered in variable load operations with spreader trucks and combines.
2. All 25" bead diameter Terra-Tire tires fit the "TH" rim with 1.5" flange height., with the exception of 20 PR tires. (See Note 3 below.) The 1.5" flange height rim provides optimum tire performance under all service conditions including the more severe service in variable load operations. Only the "TH" rim with 1.5" flange height should be used for the Goodyear Terra-Tire tires which require the 25" rim diameter.
3. Caution must be exercised in selecting the correct rim for 20 PR tires. There are two versions of 20 PR flotation tires. One uses the 1.5" flange height and the other uses a 2.5" flange height rim. Use only the correct tire and rim combinations for proper tire-to-rim fit.

Approved Rim Contours

Terra-Tire® Small Flotation Tires and Utility Vehicle Tires

TIRE SIZE	RIM RECOMMENDED	ALTERNATE RIM
11x4.00-5 NHS	3.00A	
13x5.00-6 NHS	3.50A	
13x6.50-6 NHS	5.375 I-55, I-70, I-90	
15x6.00-6 NHS	4.50A	
15x6.50-6 NHS	5.375 I-55, I-70, I-90	
16x6.50-8 NHS	5.375 I-55, I-70, I-90	
16x7.50-8 NHS	5.375 I-55, I-70, I-90	
18x6.50-8 NHS	5.375 I-55, I-70, I-90	
18x7.00-8 NHS	5.50 I-55, I-70, I-90	
18x7.00-10 NHS	5.50 I-55, I-70, I-90	
18x8.50-8 NHS	7.00 I-55, I-70, I-90	
18x8.50-10 NHS	7.00 I-55, I-70, I-90	
18x9.50-8 NHS	7.00 I-55, I-70, I-90	
18x10.50-8 NHS	7.00 I-55, I-70, I-90	8.00 I-55, I-70, I-90
18x10.50-10 NHS	7.00 I-55, I-70, I-90	8.00 I-55, I-70, I-90
20x8.00-8 NHS	7.00 I-55, I-70, I-90	
20x8.00-10 NHS	7.00 I-55, I-70, I-90	6JA
20x10.00-8 NHS	7.00 I-55, I-70, I-90	8.00 I-55, I-70, I-90
20x10.00-10 NHS	7.00 I-55, I-70, I-90	8.00 I-55, I-70, I-90
20x12.00-10 NHS	8.50 I-55, I-70, I-90	10.50 I-55, I-70, I-90
21x8.00-10 NHS	7.00 I-55, I-70, I-90	
21x10.00-10 NHS	7.00 I-55, I-70, I-90	8.00 I-55, I-70, I-90

TIRE SIZE	RIM RECOMMENDED	ALTERNATE RIM
21x11.00-8 NHS	7.00 I-55, I-70, I-90	8.50 I-55, I-70, I-90
21x11.00-10 NHS	7.00 I-55, I-70, I-90	8.50 I-55, I-70, I-90
22x11.00-8 NHS	8.50 I-55, I-70, I-90	10.50 I-55, I-70, I-90
22.5x10.00-8 NHS	7.00 I-55, I-70, I-90	8.00 I-55, I-70, I-90
23x8.50-12 NHS	7.00 I-55, I-70, I-90	7JA
23x8.50-14 NHS	7.00 I-55, I-70, I-90	7JA
23x9.00-12 NHS	7.00 I-55, I-70, I-90	7JA
23x9.50-12 NHS	7.00 I-55, I-70, I-90	7JA, 8.50 I-55, I-70, I-90, 81/2JA
23x10.50-12 NHS	7.00 I-55, I-70, I-90	8.00 I-55, I-70, I-90
24x8.50-14 NHS	7.00 I-55, I-70, I-90	7JA
24x11.00-10 NHS	8.50 I-55, I-70, I-90	
24x12.00-12 NHS	8.50 I-55, I-70, I-90	10.50 I-55, I-70, I-90
24x13.00-12 NHS	9_JA	10_JA
25x7.50-15 NHS	6LB	
25x8.50-14 NHS	7.00 I-55, I-70, I-90	7JA
25x12.00-9 NHS	8.50 I-55, I-70, I-90	
25x12.50-9 NHS	10LB	
26x10.50-12 NHS	7 I-55, I-70, I-90	8.00 I-55, I-70, I-90
26x12.00-12 NHS	8.50 I-55, I-70, I-90	10.50 I-55, I-70, I-90, 8_JA, 9_JA, 10_JA
26x14.00-12 NHS	10_JA	
26.5x14.00-12 NHS	10_JA	

Agricultural Steering Wheel Tractor Tires

SIZE	RECOMMENDED RIM	ALTERNATE RIM
4.00-12 SL	3.00D	2.50C
4.00-15 SL	3.00D	
4.00-19 SL	3.00D	
5.00-15 SL	3.00D	4J
5.50-16 SL	4.00E	4.25KA, 4.50E
6.00-14 SL	5KB	
6.00-16 SL	4.00E	4.25KA, 4.50E
6.50-16 SL	4.50E	4.00E, 4.25KA, 5.50F
7.50-16 SL	5.50F	6LB
7.50-18 SL	5.50F	
7.50-20 SL	5.50F	6LB
8.00-16 SL	5.50F	
9.00-10 NHS	6.00F (2Piece)	5.50F (2 Piece)
9.50-20 SL	W7L	

SIZE	RECOMMENDED RIM	ALTERNATE RIM
9.50-24 SL	W8	W8H
10.00-16 SL	W8L	8LB
11.00-16 SL	W8L	8LB, W10L, 10LB
11.00-20 SL	W10H	
11.00-24 SL	W10	W10H
12.4-30	W12	W11
7.5L-15 SL	6LB	5KB
9.5L-15 SL	8LB	
11L-15 SL	8LB	10LB
11L-16 SL	W8L	8LB, W10L, 10LB
14L-16.1 SL	16.1xW11C	
16.5L-16.1 SL	16.1xW14C	16.1xW14CH
14.5/75L-16.1 SL	16.1xW11C	

LSW Tires on 11˚ LSW Rims

SIZE	RECOMMENDED RIM
LSW165-241	241x137LSW
LSW265-343	343x229LSW
LSW265-521	521x210LSW
LSW305-521	521x210LSW
LSW305-546	546x248LSW
LSW305R343	343x229LSW
LSW320-597	597x267LSW
LSW330-851	851x254LSW
LSW350-597	597x267LSW
LSW360-851	851x254LSW
LSW375-851	851x305LSW
LSW375R1410	1410x305LSW

SIZE	RECOMMENDED RIM
LSW385-648	648x317LSW
LSW395-851	851x317LSW
LSW400-648	648x356LSW
LSW420-648	648x356LSW
LSW455-610	24xW15L
LSW455-610	24xW15L
LSW525R1257	1257x457LSW
LSW570-648	648x457LSW
LSW610R470	470x483LSW
LSW900R965	38xDH31H
LSW1100R1181	1181X483LSW

LSW Tires on 5˚ LSW Rims

Size	Recommended Rim
LSW252R50	W8
LSW430R38	W15L
LSW495-762*	30xDW15A
LSW525R50	50xDW18A
LSW585R34	DW20A
LSW900R965	38xDH31H
LSW1100/45R46	46xW38A

*Will be converted to LSW495R30

Agricultural Implement Tires (I-1 Thru I-3)

SIZE	RECOMMENDED RIM	ALTERNATE RIM
4.00-9 SL	3.00D	
4.00-12 SL	3.00D	2.50C
4.00-12 NHS	3.00D	2.50C
4.00-15 SL	3.00D	
4.00-18 SL	3.00D	
5.00-15 SL	3.00D	4J
5.50-16 SL	4.00E	4.25KA, 4.50E
5.90-15 SL	4_KB	4J, 5KB
6.00-16 SL	4.00E	4.25KA, 4.50E
6.40-15 SL	4_KB	4J, 5KB
6.50-16 SL	4.50E	4.00E, 4.25KA
6.70-15 SL	4_KB	5KB
7.50-10 SL	5.50F	6.00F
7.50-14 SL	5KB	6KB
7.50-16 SL	5.50F	6LB
7.50-18 SL	5.50F	
7.50-20 SL	5.50F	
7.50-24 SL	W7	
7.60-15 SL	6LB	6L
9.00-10 SL	5.50F	6.00F
9.00-10 NHS	6.00F (2Piece)	5.50F (2 Piece)
9.00-16 SL	6LB	W8L, 8LB
9.00-24 SL (6PR)	W7	W8, W8H
9.00-24 SL (8PR)	W8H	
10.00-15 SL	8LB	
11.25-24 SL	W10	W10H, W8, W8H
11.25-28 SL	W10	W10H
13.50-16.1 SL	16.1xW11C	
8.5L-14 SL	6KB	8KB
9.5L-14 SL	8KB	
9.5L-15 SL	8KB	
11L-14 SL	8KB	

SIZE	RECOMMENDED RIM	ALTERNATE RIM
11L-15 SL	8LB	10LB
11L-16 SL	W8L	8LB, W10L, 10LB
12.5L-15 SL	10LB	
12.5L-16 SL	W10L	10LB
14L-16.1 SL	16.1xW11C	
16.5L-16.1 SL	16.1xW14C	16.1xW14CH
19L-16.1 SL	16.1xW16C	16.1xW16CH
21.5L-16.1 SL (14PR and Down)	16.1xW18C	16.1xW16C, 16.1xW18CH, 16.1xW16CH
21.5L-16.1 SL (18PR)	16.1xW18CH	
22.5LL-16.1	16.1xW18C	

Highway Approved Agricultural Implement Tires (FI)

Size	Recommended Rim	Alternate Rim
9.5L-15FI	8LB	
10.0-15FI	8LB	
11L-15FI	8LB	81/2J, W8L, 8J, 10LB
12.5L-15FI	10LB	
13.50-15FI	10J	11J
14L-16.1FI	16.1xW11C	
16.5L-16.1FI	16.1xW14C	16.1xW14CH
21.5L-16.1FI	16.1xW18C	16.1xW18CH, 16.1xW16C, 16.1xW16CH

IMPORTANT: Rim dimensions are standardized by the Tire and Rim Association for size and contour only, and particular tire and rim combinations are designated to assure proper mounting and fit of the tire to the rim. The load and cold inflation pressure imposed on the rim and wheel must not exceed the rim and wheel manufacturer's recommendations even though the tire may be approved for a higher load or inflation. Rims and wheels may be identified (stamped) with a maximum load and maximum cold inflation rating. For rims and wheels not so identified or for service conditions exceeding the rated capabilities, consult the rim and wheel manufacturers to determine rim and wheel capacities for the intended service.

Approved Rim Contours

Miscellaneous Agricultural Service Tires

Size	Recommended Rim	Alternate Rim
8.00-16 SL	5JA	
13.6-16 NHS	W12	
205/50-10 NHS	6 I-55, I-70, I-90	7 I-55, I-70, I-90, 6JA
3.50-6 NHS	3.25A	
4.10-4 NHS	3.25A	
4.10-6 NHS	3.25A	
4.10/3.50-6 NHS	3.25A	
4.80-8 NHS	3.75 I-55, I-70, I-90	
8.00-6 NHS	7 I-55	
21.5L-16.1	16.1xW18C	16.1xW18CH, 16.1xW16C, 16.1xW16CH
10.5/80-18	W9	W8, 9
12.5/80-18	W9	11
10.5-20MPT	W9	

Size	Recommended Rim	Alternate Rim
12.5-20MPT	W10L	
15.5/80-24	W12	W13, W14L
16.0/70-20	12SDC	13, 13SDC, 14
20.5x5.5-12	4JA	
19.5/60-26	W16L	
23.5/55R26	DW20A	DW20B
23.5/55-26	DW20A	DW20B
26/6.50-15	41/2KB	41/2K
26/7.75-15	5KB	
25x10.5LL-15 NHS	8LB	
27X12LL-15 NHS	10LB	
400/70-20	W14L	14, 13, 13SDC
480/45-17	16.00	

Highway Tires (FI shown with Implements)

Size	Recommended Rim	Alternate Rim
7.00-16LT	5K	5_K, 6L, 6K
9.00-16LT	6.50H	
9.00-20	6.5	7, 7.5, 7.5VM
10.00-20	7	7.5, 8, 7.5VM
11.00-20	7.5	8, 8.5, 8.5VM
36x12.5-16.5LT	9.75	8.25
ST155/80*13	4_JB	5JB
ST165/80*13	4_JB	5JB
ST175/80*13	4_JB	5JB, 5_JB
ST185/80*13	4_JB	5JB, 5_JB, 6JB
ST195/75*14	5J	5_J, 6J
ST205/75*14	5J	5_J, 6J, 6_J
ST215/75*14	5_J	6J, 6_J, 7J
ST205/75*15	5J	5_J, 6J, 6_J
ST225/75*15	6J	6_J, 7J
ST235/75*15	6J	6_J, 7J, 71/2J
ST215/75*16	5.50F	5_J, 5_K, 5_KB, 6J, 6K, 6L, 6_J, 6_K, 6_L, 7J, 7K, 7KB, 7L
ST235/80*16	6J	6K, 6L, 6_J, 6_K, 6_L, 7J, 7K, 7KB, 7L, 7_J

Size	Load Range	Recommended Rim	Alternate Rim
4.80-8	A & B:	3.75 I-55, I-70	
	C:	3.75 I-70	
4.80-12	B:	3.75 I-55, I-70	4.00 I-55, I-70, I-90, 4JA
	C:	3.75 I-70	4.00 I-70, I-90, 4JA
5.30-12	B:	4.00 I-55, I-70, I-90	4.25 I-55, I-70, I-90, 4JA
	C:	4.00 I-70, I-90	4.25 I-70, I-90, 4JA
5.70-8	B:	3.75 I-55, I-70	4.50 I-55, I-70, I-90
	C:	3.75 I-70	4.50 I-70, I-90
	D:	4.50 I-90	
6.90-9	A & B:	4.50 I-55, I-70, I-90	4.50K, 5.50K 4.25 I-55, I-70, I-90
	C:	4.50 I-70, I-90	4.50K, 5.50K 4.25 I-70, I-90
	D & E:	4.50 I-90	4.50K, 5.50K 4.25 I-90
6.50-10	C & E	5.00F	5.50F
7.50-10	E:	5.50F	6 I-70, I-90, 6JA
16.5x6.5-8	A & B:	5.375 I-55, I-70, I-90	
	C:	5.375 I-70, I-90	
	D:	5.375 I-90	
20.5x8.0-10	B:	6.00 I-55, I-70, I-90	6JA
	C, D & E:	6.00 I-70, I-90	6JA
18.5x6.5-8	B:	5.375 I-55, I-70, I-90	
	C:	5.375 I-70, I-90	
18.5x8.5-8	B:	7.00 I-55, I-70, I-90	
	C:	7.00 I-70, I-90	
205/50*10	A & B:	7.00 I-55, I-70, I-90	6.00 I-55, I-70, I-90

Approved Rim Contours

ATV Tires

Size	Approved Rim
AT18x9.5-8	7.5AT, 8.0AT, 8.5AT
AT18x11-8	8.5AT, 9.0AT
AT20x7-8	5.5AT, 6.0AT
AT20x10-8	7.5AT, 8.0AT, 8.5AT
AT20x11-8	8.5AT, 9.0AT
AT21x12-8	9.0AT, 9.5AT, 10.0AT
AT21x12.5-8	9.0AT, 9.5AT, 10.0AT
AT22.5x10-8	7.5AT, 8.0AT, 8.5AT
AT22x11-8	8.5AT, 9.0AT
AT22x12-8	9.0AT, 9.5AT, 10.0AT
AT22x12.5-8	9.0AT, 9.5AT, 10.0AT
AT20x10-9	7.5AT, 8.0AT, 8.5AT
AT20x11-9	8.5AT, 9.0AT
AT21x7-9	5.5AT, 6.0AT
AT21x8-9	6.0AT, 6.5AT
AT21x12.5-9	9.0AT, 9.5AT, 10.0AT
AT22x11-9	8.5AT, 9.0AT
AT22x12-9	9.0AT, 9.5AT, 10.0AT
AT22x12.5-9	9.0AT, 9.5AT, 10.0AT
AT25x12-9	9.0AT, 9.5AT, 10.0AT
AT25x13-9	10.0AT, 10.5AT
AT25x13.5-9	10.0AT, 10.5AT
AT18x11-10	8.5AT, 9.0AT
AT20x10-10	7.5AT, 8.0AT, 8.5AT

Size	Approved Rim
AT20x11-10	8.5AT, 9.0AT
AT21x7-10	5.5AT, 6.0AT
AT21x12.5-10	9.0AT, 9.5AT, 10.0AT
AT22x7-10	5.5AT, 6.0AT
AT22x8-10	6.0AT, 6.5AT
AT22x11-10	8.5AT, 9.0AT
AT22x12-10	9.0AT, 9.5AT, 10.0AT
AT22x12.5-10	9.0AT, 9.5AT, 10.0AT
AT23x7-10	5.5AT, 6.0AT
AT23x8-10	6.0AT, 6.5AT
AT23x10-10	7.5AT, 8.0AT, 8.5AT
AT24x10.5-10	7.5AT, 8.0AT, 8.5AT
AT24x11-10	8.5AT, 9.0AT
AT24x11.5-10	8.5AT, 9.0AT
AT24x12-10	9.0AT, 9.5AT, 10.0AT
AT25x9.5-10	7.5AT, 8.0AT, 8.5AT
AT25x11-10	8.5AT, 9.0AT
AT25x12-10	9.0AT, 9.5AT, 10.0AT
AT25x13.5-10	10.0AT, 10.5AT
AT23x8-11	6.0AT, 6.5AT
AT24x8-11	6.0AT, 6.5AT
AT24x9-11	7.0AT, 7.5AT
AT24x10-11	7.5AT, 8.0AT, 8.5AT
AT25x8-11	6.0AT, 6.5AT

Size	Approved Rim
AT25x9.5-11	7.5AT, 8.0AT, 8.5AT
AT25x10-11	7.5AT, 8.0AT, 8.5AT
AT25x12.5-11	9.0AT, 9.5AT, 10.0AT
AT23x8-12	6.0AT, 6.5AT
AT23x10-12	7.5AT, 8.0AT, 8.5AT
AT24x8-12	6.0AT, 6.5AT
AT24x9-12	7.0AT, 7.5AT
AT24x11-12	8.5AT, 9.0AT
AT25x8-12	6.0AT, 6.5AT
AT25x9.5-12	7.5AT, 8.0AT, 8.5AT
AT25x10-12	7.5AT, 8.0AT, 8.5AT
AT25x11-12	8.5AT, 9.0AT
AT25x12.5-12	9.0AT, 9.5AT, 10.0AT
AT26x9-12	7.0AT, 7.5AT
AT26x10-12	7.5AT, 8.0AT, 8.5AT
AT26x10.5-12	7.5AT, 8.0AT, 8.5AT
AT26x12-12	9.0AT, 9.5AT, 10.0AT
AT27x9-12	7.0AT, 7.5AT
AT27x11-12	8.0AT, 8.5AT, 9.0AT
AT28x9-12	6.5AT, 7.0AT, 7.5AT
AT28x11-12	8.0AT, 8.5AT, 9.0AT
LSW230-394	AT394x152LSW
LSW255-394	AT394x152LSW

Tires in Skid Steer Service

Size	Approved Rim
20x8.00-10 NHS	6.00E, 7.00E, 7.00I
23x8.50-12 SS	7.00-I, 7JA
23x8.50-12 NHS	7.00-I, 7JA
23x8.50-14 SS	7.00-I, 7JA, 7KB
23x8.50-14 NHS	7.00-I, 7JA, 7KB
26X12.00-12 SS	8.5-I, 10.5-I, 8_JA, 9_JA, 10_JA
26X12.00-12 NHS	8.5-I, 10.5-I, 8_JA, 9_JA, 10_JA
25x8.50-14 SS	7.00-I, 7JA, 7KB
27x8.50-15 NHS	7JA
27x10.50-15 NHS	8LB
28X8.50-15 NHS	7JA
30.5x12.50-16.5 NHS	9.75
31x15.50-16.5 NHS	12.00
33x14.50-16.5 NHS	12.00
33x15.50-16.5 NHS	12.00
43x16.00-20 NHS	W14L, W14LH

Size	Approved Rim
5.70-12 NHS	4.50-I, 5JA
7.00-15 SS	5.50F
7.00-15 NHS	5.50F
8.25-15 SS	6LB
8.25-15 NHS	6LB
10-16.5 NHS	8.25
12-16.5 NHS	9.75
14-17.5 NHS	10.5
15-19.5 NHS	11.75, 12.25
10.5/80-18	W9, W8, 9
12.5/80-18	W9, 11
250-15 NHS	7, 9
300-15 NHS	9
LSW320-597	597x267LSW (Replaces 12.5/80-18)

Size	Approved Rim
LSW265-521	521x210LSW (Replaces 10-16.5 NHS)
LSW305-546	546x248LSW (Replaces 12-16.5 NHS)
LSW350-597	597x267LSW (Replaces 14-17.5 NHS)
LSW385-648	648x317LSW (Replaces 15-19.5 NHS)

RCI Chart

Radial farm tires, tread types R-1 and R-1W only

MINIMUM RECOMMENDED ROW WIDTH - INCHES								
FRONT	20	22	24	26	28	32		FLOTATION
REAR		20	22		26	30	32	FLOTATION

RCI	APPROX. OD	TIRE SECTION WIDTH - INCHES (MM)									
		11.2 (290) & SMALLER	12.4 (320)	13.6 (340)	14.9 (380)	16.9 (420)	18.4 (480)	20.8 (520)	23.1 (600)	28.0 (710)	30.5 (750) & LARGER
50	90						480/95R54				850/80R38 850/75R42
49	86		320/125R54				480/95R50	520/85R50	650/85R42	710/75R42	1100/45R46 900/60R42 800/70R42 900/75R32
48	81		320/105R54		380/90R54 380/105R50	420/95R50	480/80R50	520/85R46 580/85R42	650/85R38 620/70R46	710/70R42 710/60R46	900/50R46 800/70R38 900/70R32 800/55R46 1250/50R32
47	77	230/115R54	320/90R54		380/90R50		18.4R46 480/80R46	20.8R42 520/85R42	620/70R42 650/75R38 650/65R42*	710/70R38	900/50R42 900/65R32 1250/35R42
46	73	250/95R54	320/90R50		14.9R46 380/85R46 380/90R46	420/80R46	18.4R42 480/80R42	20.8R38 520/85R38	650/65R38 650/75R34 580/70R38		800/65R32 900/60R32 1050/50R32
45	70	250/95R50	320/90R46	340/85R46	380/90R42		18.4R38 480/80R38	20.8R34 580/80R34	600/65R38 650/75R32		
44	66	230/95R48 250/95R48	320/90R42		380/80R42	16.9R38 420/85R38	18.4R34 480/85R34	540/65R38 540/75R34	600/65R34 620/75R30 650/60R34	28L26 710/65R26 710/60R30	1050/50R25
43	63	290/90R42	320/80R42	13.6R38	380/80R38	420/85R34 16.9R34	480/70R34 18.4R30	540/65R34	620/75R26 600/70R30		750/65R26 1050/50R25
42	59	290/90R38	320/85R38	13.6R36	14.9R34 380/85R34 385/85R34	16.9R30 420/90R30	480/70R30	540/65R30	600/65R28		
41	56	250/90R38 290/95R34	320/85R34		14.9R30 380/85R30	16.9R28 420/85R28	480/70R28 18.4R26 440/80R28		54X31.00R26	REAR RCI MINUS FRONT RCI	TYPICAL TRACTOR AXLE GEAR RATIO**
40	53	250/95R34	12.4R32		14.9R28 380/85R28	420/70R28 16.9R26				6	1.403
39	51			13.6R28	14.9R24 DT710	16.9R24			48X31.00R20	5	1.332
38	48			13.6R24	14.9R24 STR	420/70R24				4	1.264
37	46	230/95R32	12.4R24	360/70R24						3	1.199
36	43	11.2R24	320/75R24		380/70R20					2	1.139
35	41		12.4R20	360/70R20						1	1.08
34	39	11.2R20								0	1.025
33	37	260/80R20	300/70R20								

*Differs significantly from an integer RCI
RCI = Rolling Circumference Index » Indicates family of tires with similar rolling circumferences.
All sizes in a row are approximately the same outside diameter.
All sizes in the same column are approximately the same width.
For specific applications consult the Goodyear Farm Tire Handbook for actual dimensions.
**When Calculating Lead /Lag Ratio use the tractor actual Gear Ratio if available.

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Safety Information

⚠ WARNING

The task of servicing tires and wheels can be extremely dangerous and should be performed by trained personnel only, using the correct tools and following specific procedures. Failure to heed this warning could lead to serious injury or death. Read and understand the "Safety Information" in this catalog. We urge that the following is mandatory reading for all those involved in the servicing of tires and wheels:

Department of Labor Occupation Safety and Health Administration (OSHA) 29 CFR part 1910.177, titled Servicing of Single Piece and Multi-piece Rim Wheels. NOTE: Single piece rims have a rim made out of a single piece of material as shown on page S:12 and multiple-piece rims have a loose flange or flanges and lock ring as depicted on pages S:12 and S:7.

Rubber Manufacturers Association, "Care and Service of Farm Tires"
Rubber Manufacturers Association, "Care and Service of Off-the-Highway Tires"
Rubber Manufacturers Association, "Care and Service of Highway Truck Tires"
Rubber Manufacturers Association, "Demounting and Mounting"
Procedure Wall Charts:
Automobile and Light Truck Tires on Single piece Rims
Truck Tires (Radial and Bias ply)
Truck/Bus Tires
Agricultural Tires

We have shown step by step procedures for the servicing of single piece, three piece and five piece rims with the emphasis on safety operations for these rims in this catalog. Information on other types of rims can be found in the above RMA publications or in the catalogs published by the rim manufacturer. This and any other safety related information in Titan's catalog is issued as assistance to supervisory and operational personnel in the actual tire/rim service environment. The responsibility for implementation of this safety information rests with operational and supervisory personnel carrying out the actual service work. Read and fully understand all procedures before attempting tire/wheel servicing.

If you have any doubt about the correct, safe method of performing any step in the demounting, mounting, adding or removing fill, or inflating process **STOP!** Seek out expert assistance from a qualified person.

⚠ Wear protective gloves, footwear, safety glasses, hearing protection and head gear when servicing tires and wheels.

Further references explaining safety procedures can be found in literature published by the Rubber Manufacturers Association, Washington D.C.; the Tire Association of North America, Washington D.C.; the National Wheel and Rim Association, Jacksonville, FL; and OSHA, Washington D.C.

SAFETY FIRST!

IMPORTANT!

THIS IS THE FIRST STEP IN ALL DEMOUNTING OPERATIONS

⚠ **Always** remove the valve core and exhaust all air from a single tire and from **both** tires of a dual assembly. Check the valve stem by running a piece of wire through the stem to make sure it is not plugged.

⚠ **READ AND FOLLOW SAFETY INSTRUCTIONS.**
FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY.

Removing valve core from single piece wheel.

Running wire through the stem of an single piece wheel.

Safety Information

GENERAL WARNINGS

⚠ This symbol indicates a warning message.

⚠ Failure to heed warnings could lead to serious injury or death.

- The task of servicing tires and wheels can be extremely dangerous and should be performed by trained personnel only, using the correct tools, and following the procedures presented here and in manufacturers' catalogs, instruction manuals, or other industry and government instruction material.
- Several types of tire changing equipment are available. Installers should be fully trained in correct operating procedures and safety instructions for the specific machine being used. Always read and understand any manufacturer's warning contained in the product literature or posted on the equipment.
- Always use approved tire and rim combinations for sizes and contours.
- Always wear personal protection equipment such as gloves, footwear, eye protection, hearing protection and head gear, when servicing tire and wheels.
- Never exceed manufacturer's recommended tire inflation pressure.
- Always use proper lifting techniques and mechanized lifting aids to move heavy components and assemblies.
- Always take care when moving tires and wheels that other people in the area are not endangered.
- Never leave a tire, wheel or assembly unsecured in a vertical position.
- Parts that are cracked, worn, pitted with corrosion or damaged must be destroyed, discarded and replaced with good parts.
- Always exhaust all air from the tire prior to demounting.
- Never try to repair wheel, rim or tire component parts. Replace all damaged, worn or suspect parts with good parts.
- Never reinflate a tire that has lost air pressure or has been reinflated without determining and correcting its problem.
- When conducting routine tire inspections also conduct a visual inspection of wheel and rim components. Always correct any non-conformities found.
- Always use restraining devices (safety cages) when inflating tires.
- Never exceed 35 psi when seating beads.
- Misapplication, improper inflation, overloading and exceeding maximum speed may cause tire failure.
- Always inspect both sides of the tire to assure proper bead seat.

⚠ WARNING

15.3" DIAMETER: 9" WIDTH EUROPEAN RIMS
Certain European implement equipment has been imported into North America with unique diameter rims for which no North American produced replacement tire sizes are available.

Any attempt to mount and inflate 15" nominal bead diameter tires on these rims may ultimately cause one of the tire beads to break, possibly resulting in serious physical injury or even death.

The rims in question are 15.3" in diameter and 9" wide. However, rims manufactured in 1981 and earlier are marked as 15" diameter; only those manufactured in 1982 and 1983 are marked as 15.3" diameter. **The key to avoiding this potentially dangerous situation is the 9" width**. The U.S.A. (or Canada) wheel industry does not manufacture a 9" width rim for implement use.

The European tires sizes that may be mounted on these rims are:

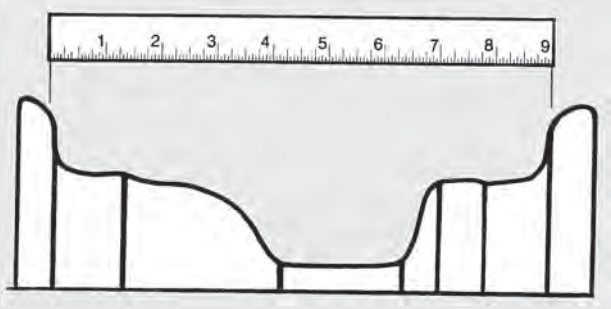
10.0/75 – 15.3 (or 15)
10.5/85 – 15.3
11.5/80 – 15.3 (or 15)
12.5/80 – 15.3

U.S.A. (OR CANADA) PRODUCED IMPLEMENT TIRES ARE NOT TO BE MOUNTED ON ANY 9" WIDE IMPLEMENT RIM.

TO DETERMINE COMPATIBLE RIM WIDTH FOR TIRE SIZES

Determine the vehicle's actual rim width by measuring, in inches, the distance between the vertical bead flanges as shown. A simple ruler or yardstick may be used, as rims are manufactured in half inch increments of width.

Find permissible replacement tire sizes in RMA's Care and Service Tires Manual (Washington, D.C.). Most tires will fit on more than one rim width.



GENERAL WARNINGS

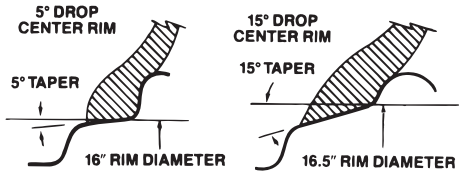
⚠ WARNING

There is a danger of serious injury or death if a tire of one bead diameter is installed on a rim or wheel of a different rim diameter.

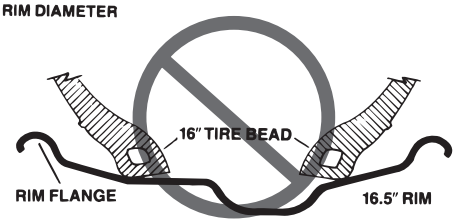
Always replace a tire with another tire of exactly the same bead diameter designation and suffix letters. For example: A 16” tire goes on a 16” rim. Never mount a 16” tire on a 16.1” or 16.5” rim. A 16.5” tire goes on a 16.5” rim. Never mount a 16.5” tire on a 16” or 16.1” rim.

While it is possible to pass a 16” diameter tire over the lip or flange of a 16.1” or 16.5” size diameter rim, it cannot be inflated enough to position itself against the rim flange. If an attempt is made to seat the tire bead by inflating, the tire bead will break with explosive force and could cause serious injury or death.

Rims of different diameters and tapers cannot be interchanged. The following diagram illustrates the difference between rims of two different tapers and diameters:



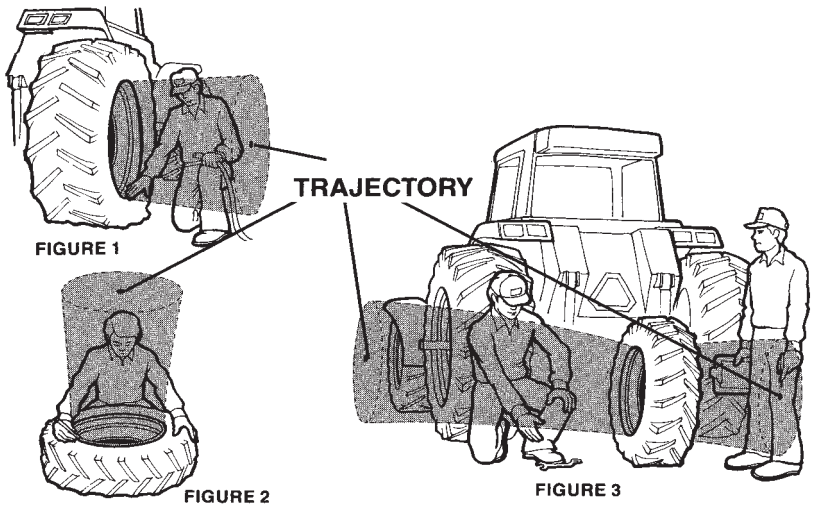
The diagram to the right shows how beads of a 16” tire will not seat on a 16.5” rim. The beads cannot be forced out against the rim flanges by using more air pressure because this will break the beads and the tire will explode with force sufficient to cause serious injury or death.



⚠ WARNING

STAY OUT OF THE TRAJECTORY AS INDICATED BY SHADED AREA. ALWAYS USE A SAFETY CAGE OR OTHER RESTRAINING DEVICE IN COMPLIANCE WITH OSHA REGULATIONS.

Note: Under some circumstances, the trajectory may deviate from its expected path.



NEVER stand, lean or reach over the assembly during inflation.

Safety Information

Demounting Single Piece Wheel and Tire Assemblies (On-The-Vehicle)

Tools Required: Cap and core removal tools, bead unseating tool, two 36" tire irons, two 18" tire irons, approved tire mounting lubricant.

⚠ If you have any doubt about the correct, safe method of performing any step in the demounting, mounting, adding or removing fill, or inflating process STOP! Seek out expert assistance from a qualified person.

⚠ Due to the variety of vehicle/equipment configurations and the range of conditions and situations under which on-vehicle demounting (wheel/tire assembly still attached to vehicle or equipment) can occur, proper procedures for blocking, jacking, cribbing of the vehicle/ equipment must be done in accordance with the manufacturers operator's manual, maintenance manual or the information as provided by the vehicle/ equipment manufacturer.

Tools required: Jack, cribbing, blocking or other items as needed to jack and block the vehicle/equipment per the manufacturers instructions, hydraulic demounting tool, hooked tire iron, pry bar and lifting device or boom truck.

1. Remove the fluid fill from the tire. Deflate the tire by removing the valve core housing. For tube-type tires, remove the rim nut and push the valve through the valve hole.

⚠ Always completely deflate tire (both tires of a dual assembly) by removing valve core(s) from valve(s) before attempting any demounting operation. Check the valve stem by running a piece of wire through the stem to make sure it is not plugged.

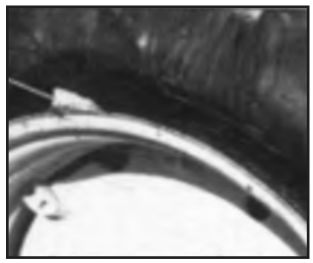
⚠ Stand clear of trajectory danger zone when deflating (page S:3).

2. After the tire is completely deflated, place a hydraulic "bead unseating" tool between the tire bead and rim flange and force the bead off the bead seat. Be careful not to damage the tire's bead area. The beads should be unseated on both sides of the rim.

⚠ Demounting tools apply pressure to rim flanges to unseat tire beads. Keep your fingers clear. Always stand to one side when you apply hydraulic pressure.

3. Thoroughly lubricate the tire bead area and rim flange with approved tire mounting lubricant.

⚠ Never use thick or uncut tire lube. Never use antifreeze, silicones or petroleum-based lubricants.



4. Lock the wheel with the valve at the top. At the bottom, force the outside bead into the well. At the top, insert long tire irons under the bead and pry the bead over the rim flange. Take small bites and avoid extremely hard prying, which will damage the tire bead.

⚠ Do not release your grip on either iron, as they may spring back.

⚠ Keep fingers clear of pinch points.

5. After the first section of the bead is over the rim flange, use one tire iron to pry the next section over the flange. Do not attempt to pry too large a section of the bead over the rim flange at one time. Continue prying tire over rim flange until the complete tire is on the outside of the rim flange.

⚠ Do not release your grip on either iron, as they may spring back.

⚠ Keep fingers clear of pinch points.

6. For tube-type tires, pull the tube out of the casing, starting at the bottom. If only the tube requires repair or replacement, this can be removed, repaired, and replaced in the tire without removing the tire completely from the wheel. Before reinstalling the tube, thoroughly inspect the inside of the casing for damage or other foreign material. Remove any remaining fluid from inside the tire.

⚠ Tires or tubes with excessive or uneven wear, cracks, tears, punctures, blisters and or other damage may

explode during inflation or service. If tire or tube failure potential is suspected, destroy the tire and replace with known good tire or tube of correct size, type and manufacturer for assembly, machine, and application.

7. To remove the tire completely from the wheel, insert tire irons under the inside bead at the side of the tire. Pry the rest of the inside bead over the rim flange. When starting this operation, be sure that the bead area on the opposite side of the tire is down in the well of the rim.

⚠ Do not release your grip on either iron, as they may spring back.

⚠ Keep fingers clear of pinch points.

Mounting Single Piece Wheel and Tire Assemblies (On-The-Vehicle)

Tools Required: approved tire mounting lubricant, wire brush, two 36” tire irons, two 18” tire irons, rubber mallet, extension hose with in-line gauge and clip-on air chuck, air/water inflation gauge, restraining device.

⚠ If you have any doubt in the correct, safe method of performing any step in the demounting, mounting, adding or removing fill, or inflating process STOP! Seek out expert assistance from a qualified person.

⚠ ALWAYS replace a tire on a rim with another tire of exactly the same rim diameter designation.

⚠ Rims of different diameters and tapers CANNOT be interchanged.

⚠ Remove water and foreign material from tire. Tubes or tires with excessive wear, cracks, tears, punctures, blisters, or other damage may explode during inflation or service. If tube or tire failure potential is suspected, render the tube or tire unusable and replace with known good tube or tire.

1. Thoroughly lubricate the tire bead area and rim flange with approved tire mounting lubricant.

⚠ Never use thick or uncut tire lube. Never use antifreeze, silicones or petroleum-based lubricants.

2. With a wire brush, clean and inspect rim for fatigue cracks. Replace any cracked, badly worn, damaged and severely rusted rims or wheels. Coat the rim with paint or a rust inhibitor if necessary.

Follow procedures and safety precautions of the paint manufacturer.

Do not, under any circumstances, attempt to rework, weld, heat, or braze any rim base or wheel components.

3. Before placing tire on rim, be sure the rim’s valve hole is at the bottom of wheel. Also take care to ensure directional bead tires are mounted for correct rotation direction.

4. To put the tire on the wheel, place the inner bead over the

flange at the top. Be sure the bead is not “hung up” on the bead seat, instead the bead is guided into the rim well, while the tire irons and/or rubber mallet are used to work the first bead over the rim. With the first bead on the rim, pull the tire toward the outside of the rim as far as possible to make room for the tube.

⚠ Keep fingers clear of pinch points.

⚠ Keep a firm grip on the tire iron(s), as they may spring back.

5. Tubeless-type tires, skip to step seven. For tube-type tires, be sure the valve is at the bottom of the wheel. Align the stem with the valve hole and starting at the bottom, place the tube in the tire. Place the valve in valve hole and screw the rim nut in place. Be sure that the tube is well inside the rim before proceeding to the next step

⚠ If you have any doubt in the correct, safe method of performing any step in the demounting, mounting, adding or removing fill, or inflating process STOP! Seek out expert assistance from a qualified person.

6. In tube-type tires, the tube should be partially inflated and areas that contact the rim should be relubricated to prevent localized stretching.

⚠ Never use petroleum-based lubricant. Only use approved tire mounting lubricant.

⚠ Keep fingers clear of pinch points.

Safety Information

7. Starting at the top, use the tire irons to lift the outer bead up and over the rim flange, then down into the rim well. Be careful not to pinch the tube in this operation.

⚠ Keep fingers clear of pinch points.

⚠ Do not release your grip on either iron, as they may spring back.

8. After getting the first section of the outer bead into the rim well, remove the tire iron and place one hand against that section to hold it in then pry the remainder of the bead over the flange with the tire iron in the other hand.

⚠ Keep fingers clear of pinch points.

⚠ Keep firm grip on tire iron(s), as they may spring back.

9. With the valve stem at the bottom, lower the jack until the tire is centered on the rim. Centering of the tire and rim assembly is extremely important to prevent broken beads.

10. Place a safety restraint over the rim and tire. Using an extension hose with an in-line air gauge and clip-on chuck (with valve core removed), inflate the tire to seat the beads. Do not exceed 35 psi. Check for correct concentric centering of tire on rim.

For tubeless tires, successful mounting depends on how well the shape of the tire has been maintained. If the beads are in or near their molded position, they can be seated by inflating the tire, through the valve spud. Where the beads have been squeezed together, the use of an inflator ring (either horizontally or vertically) will be required to provide a seal between the tire bead and rim.

⚠ If assembly is incorrect, – STOP – DEFLATE – CORRECT THE ASSEMBLY – repeat procedure.

11. Raise the vehicle and rotate wheel assembly to have the valve at the top. **If the tire is tube-type**, completely deflate by removing the valve core housing to remove buckles and uneven stresses from the tube and flap before reinflation.

12. If assembly is correct, re-insert the valve core (for tube-type tires) and continue to inflate to recommend pressure.

⚠ If assembly is incorrect – STOP – DEFLATE – CORRECT THE ASSEMBLY – repeat procedure.

⚠ Stand clear of trajectory danger zone when inflating (page S:3).

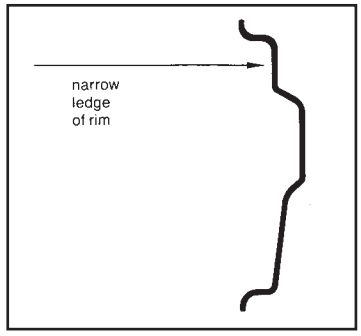
⚠ Never inflate beyond manufacturer's recommended tire pressure.

NOTE: A filter on the air inflation equipment to remove moisture from the airline prevents corrosion. Check the filter periodically to be sure it's functioning properly.

Demounting Single Piece Wheel and Tire Assemblies (Off-The-Vehicle)

Tools Required: Cap and core removal tools, bead unseating tool, approved tire mounting lubricant, two 18" tire irons.

⚠ If you have any doubt in the correct, safe method of performing any step in the demounting, mounting, adding or removing fill, or inflating process STOP! Seek out expert assistance from a qualified person.



1. Remove any fill from the tire. Completely deflate tire by removing valve core from valve before attempting any demounting operation. Check the valve stem by running a piece of wire through the stem to make sure it is not plugged. Lay the assembly on the floor with the narrow ledge on the bottom.

⚠ Stand clear of trajectory danger zone when deflating (page S:3 & S:10).

2. Drive a bead unseating tool between the tire bead and rim flange, being careful not to damage the tire bead area. After the bead has been completely released around the tire, turn the tire and rim over and repeat the bead unseating procedure with the narrow ledge up.

⚠ Keep fingers clear of pinch points.

3. With the narrow ledge on top, thoroughly lubricate the rim flange and tire bead area with an approved tire mounting lubricant.

⚠ Never use thick or uncut tire lube. Never use antifreeze, silicones or petroleum-based lubricants.

4. Force the part of the bead that is directly across from the valve into the well. Starting at the valve, pry the bead over the rim flange using two 18” long tire irons. Take small bites to avoid damaging the bead. Continue until the top bead is completely over the rim flange.

⚠ Keep a firm grip on tire irons as they may spring back.

⚠ Keep fingers clear of pinch points.

5. For tube-type tires, bring the assembly to an upright position and pull the tube out of the tire. If only the tube requires repair or replacement, this can be removed, repaired, and replaced in the tire without removing the tire completely from the rim. Thoroughly inspect the inside of the casing for damage or other foreign material. Remove any remaining fluid from inside the tire.

⚠ Tire or tubes with excessive or uneven wear, cracks, tears, punctures, blisters or other damage may explode during inflation or service. If tire or tube failure potential is suspected, destroy the tire and replace with known good tire or tube of correct size, type and manufacturer for assembly, machine, and application.

6. To completely remove the tire from the rim, turn assembly over so the narrow ledge is down and lubricate the second tire bead and rim flange. Be sure the bead still on the rim is in the rim well and insert the tire irons under the opposite side of the bead. Work the rim slowly out of the tire by taking small bites alternately using both tire irons.

⚠ Never use petroleum-based lubricant. Only use vegetable-based lubricant.

⚠ Keep a firm grip on the tire irons, as they may spring back.

⚠ Keep fingers clear of pinch points.

Mounting Single Piece Wheel and Tire Assemblies (Off-The-Vehicle)

Tools required: Two 18” tire irons, wire brush, locking pliers, approved tire mounting lubricant, valve retrieval tool (tube-type tires), extension hose with in-line gauge and clip-on air chuck, air/water inflation gauge, safety cage.

⚠ If you have any doubt in the correct, safe method of performing any step in the demounting, mounting, adding or removing fill, or inflating process STOP! Seek out expert assistance from a qualified person.

⚠ ALWAYS replace a tire on a rim with another tire of exactly the same rim diameter designation.

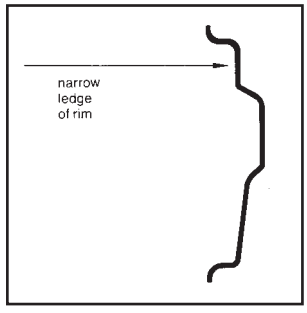
⚠ Rims of different diameters and tapers CANNOT be interchanged.

⚠ Remove water and foreign material from tire. Tubes or tires with excessive wear, cracks, tears, punctures, blisters or other damage may explode during inflation or service. If tube or tire failure potential is suspected, render the tube or tire unusable and replace with known good tube or tire.

1. With a wire brush, clean and inspect rim for fatigue cracks. Replace all cracked, badly worn, damaged and severely rusted rims and wheels. Coat the rim and components with paint or a rust inhibitor if needed.

⚠ Follow procedures and safety precautions of the paint manufacturer.

⚠ Do not, under any circumstances, attempt to rework, weld, heat or braze any rim base or wheel components.



2. Lay the rim on the floor with the narrow ledge on the top. Thoroughly lubricate the tire bead area and rim flange with an approved tire mounting lubricant.

Safety Information

⚠ Never use thick or uncut tire lube. Never use antifreeze, silicones or petroleum-based lubricants.

3. Push the bottom bead over the rim flange as far as possible. Use 18" tire irons to work the first tire bead completely over the rim flange, taking small bites and being careful not to damage the bead. Make sure directional tread tires are mounted for correct rotation direction.

⚠ Keep a firm grip on the tire irons as they may spring back.

⚠ Keep fingers clear of pinch points.

4. For tube-type tires, partially inflate the tube and insert it into the tire casing with the valve located near the valve hole in the rim. Attach a valve retrieval tool to the valve and thread the tool through the valve hole. (Inserting the tube and attaching the tool may be eased by placing a block under the tire.)

5. Starting opposite the valve, use tire irons to lever the top bead over the rim flange and down into the rim well. Be careful to avoid pinching the tube with tire irons. Locking pliers may be used to resist tire slipping back off rim.

⚠ Keep a firm grip on the tire irons as they may spring back.

⚠ Keep fingers out of pinch points.

6. When the bead is well started, lubricate the remaining unmounted portion of the tire bead and rim flange. Taking small bites, spoon the tire bead over the rim flange until the final section drops over at the valve.

⚠ Never use thick or uncut tire lube. Never use antifreeze, silicones or petroleum-based lubricants.

⚠ Keep a firm grip on the tire irons as they may spring back.

⚠ Keep fingers out of pinch points.

7. Thoroughly lubricate the tire bead area and rim beadseats on both sides of the tire.

Never use petroleum-based lubricant. Only use vegetable-based lubricant.

8. Centering of the tire and rim assembly is extremely important to prevent broken beads.

9. Place the tire in a safety cage. Using an extension hose with an in-line air gauge and clip-on chuck (with valve core removed), inflate the tire to seat the beads. Do not exceed 35 psi. Check for correct concentric centering of tire on rim. **For tubeless tires**, successful mounting depends on how well the shape of the tire has been maintained. If the beads are in or near their molded position, they can be seated by inflating the tire, through the valve spud. Where the beads have been squeezed together, the use of an inflator ring (either horizontally or vertically) will be required to provide a seal between the tire bead and rim.

⚠ If assembly is incorrect – STOP – DEFLATE – CORRECT THE ASSEMBLY – repeat procedure.

10. If the tire is tube-type, completely deflate by removing the valve core housing to remove buckles and uneven stresses from the tube and flap before reinflation.

11. If assembly is correct, re-insert the valve core and continue to inflate to recommended pressure.

⚠ If assembly is incorrect – STOP – DEFLATE – CORRECT THE ASSEMBLY – repeat procedure.

⚠ Stand clear of trajectory danger zone when inflating (page S:3 & S:10).

⚠ Never inflate beyond manufacturer's recommended tire pressure.

NOTE: A filter on the air inflation equipment to remove moisture from the airline prevents corrosion. Check the filter periodically to be sure it's functioning properly.

⚠ WARNING

The task of servicing tires and wheels can be extremely dangerous and should be performed by trained personnel only, using the correct tools and following specific procedures. Failure to heed this warning could lead to serious injury or death. Read and understand the "Safety Information" in this catalog. We urge that the following is mandatory reading for all those involved in the servicing of tires and wheels:

Department of Labor Occupation Safety and Health Administration (OSHA) 29 CFR part 1910.177, titled Servicing of Single Piece and Multi-piece Rim Wheels. NOTE: Single piece rims have a rim made out of a single piece of material as shown on page S:12 and multiple-piece rims have a loose flange or flanges and lock ring as depicted on pages S:12 and S:7.

Rubber Manufacturers Association, "Care and Service of Farm Tires"
Rubber Manufacturers Association, "Care and Service of Off-the-Highway Tires"
Rubber Manufacturers Association, "Care and Service of Highway Truck Tires"
Rubber Manufacturers Association, "Demounting and Mounting"
Procedure Wall Charts:
Automobile and Light Truck Tires on Single piece Rims
Truck Tires (Radial and Bias ply)
Truck/Bus Tires
Agricultural Tires

We have shown step by step procedures for the servicing of single piece, three piece and five piece rims with the emphasis on safety operations for these rims in this catalog. Information on other types of rims can be found in the above RMA publications or in the catalogs published by the rim manufacturer. This and any other safety related information in Titan's catalog is issued as assistance to supervisory and operational personnel in the actual tire/rim service environment. The responsibility for implementation of this safety information rests with operational and supervisory personnel carrying out the actual service work. Read and fully understand all procedures before attempting tire/wheel servicing.

If you have any doubt about the correct, safe method of performing any step in the demounting, mounting, adding or removing fill, or inflating process **STOP!** Seek out expert assistance from a qualified person.

Wear protective gloves, footwear, safety glasses, hearing protection and head gear when servicing tires and wheels.

Further references explaining safety procedures can be found in literature published by the Rubber Manufacturers Association, Washington D.C.; the Tire Association of North America, Washington D.C.; the National Wheel and Rim Association, Jacksonville, FL; and OSHA, Washington D.C.

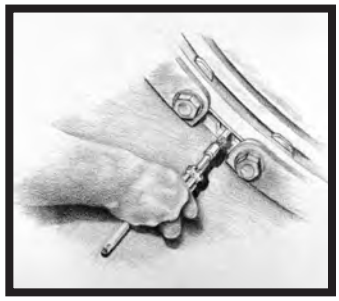
SAFETY FIRST!

IMPORTANT!

THIS IS THE FIRST STEP IN ALL DEMOUNTING OPERATIONS

⚠ **Always** remove the valve core and exhaust all air from a single tire and from **both** tires of a dual assembly prior to loosening the first rim clamp nut. Check the valve stem by running a piece of wire through the stem to make sure it is not plugged.

⚠ **READ AND FOLLOW SAFETY INSTRUCTIONS. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY.**

Safety Information

GENERAL WARNINGS

This symbol indicates a warning message.

Failure to heed warnings could lead to serious injury or death.

- The task of servicing tires and wheels can be extremely dangerous and should be performed by trained personnel only, using the correct tools, and following the procedures presented here and in manufacturer's catalogs, instruction manuals, or other industry and government instruction material.
- Always use approved tire and rim combinations for sizes and contours.
- Always wear personal protection equipment such as gloves, footwear, eye protection, hearing protection and head gear when servicing tire and wheel components.
- Never exceed manufacturer's recommended tire inflation pressure.
- Always use proper lifting techniques and mechanized lifting aids to move heavy components and assemblies.
- Always take care when moving tires and wheels that other people in the area are not endangered.
- Never leave a tire, wheel or assembly unsecured in a vertical position.
- Parts that are cracked, worn, pitted with corrosion or damaged must be destroyed, discarded and replaced with good parts.
- Always exhaust all air from the tire prior to demounting.
- Never try to repair wheel, rim or tire component parts. Replace all damaged, worn or suspect parts with good parts.
- Never reinflate a tire that has lost air pressure or has been run flat without determining and correcting the problem.
- When conducting routine tire inspections also conduct a visual inspection of wheel and rim components. Always correct any non-conformities.
- Always verify that part numbers and size designation of component parts are correctly matched for the assembly. See S:14 for part number location.
- Always place wheel and tire assemblies in restraining devices when inflating tires. See page S:17, item 11.

⚠ WARNING

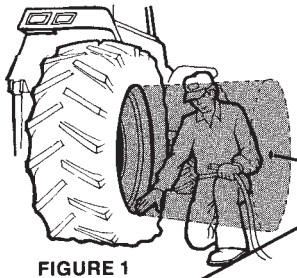


FIGURE 1

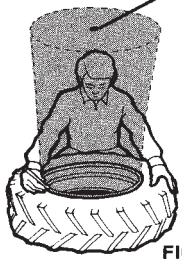


FIGURE 2

STAY OUT OF THE TRAJECTORY AS INDICATED BY SHADED AREA. ALWAYS USE A SAFETY CAGE OR OTHER RESTRAINING DEVICE IN COMPLIANCE WITH OSHA REGULATIONS.

Note: Under some circumstances, the trajectory may deviate from its expected path.

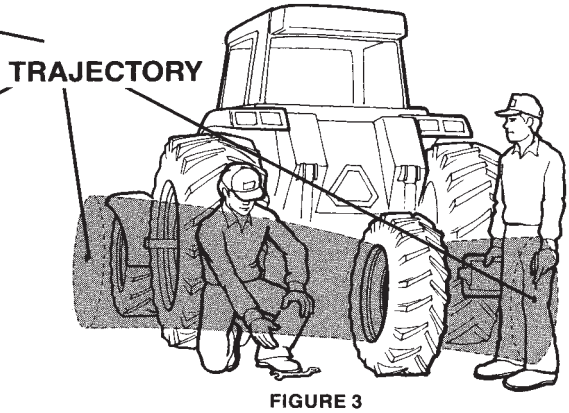


FIGURE 3

Never stand, lean or reach across the potential tire and wheel component trajectory danger zones, as shown.

- Additional safety information can be found in literature published by the Rubber Manufacturer's Association, Washington, D.C.; The National Tire Dealer and Retreading Association, Washington, D.C.; The National Wheel and Rim Association, Jacksonville, FL.; and OSHA, Washington, D.C.
- Always completely deflate the tire (both tires of a dual tire assembly) by removing the valve core(s) from valve(s) before attempting any demounting or disassembling. Check the valve stem by running a piece of wire through the stem to make sure it is not plugged.

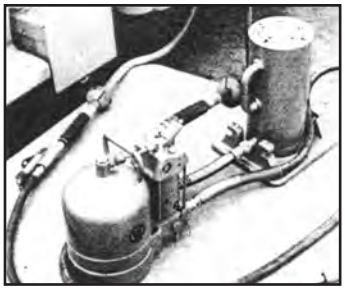
Note: Under some circumstances, the trajectory may deviate from its expected path. Always use a safety cage or other restraining device in compliance with OSHA regulations.

Tools and Equipment Required

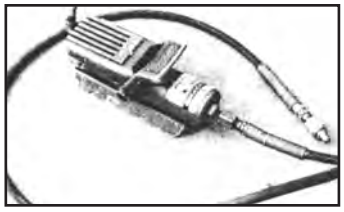
The following tools and equipment are required to service the various types of multi-piece rims included in this section of the catalog.

A. Hard wood blocks
B. A valve extension tool
C. A set of cap and core removal tools
D. A wire brush
E. Chain or cable slings of adequate length
F. Bead Lubricant (Non-Petroleum base)
G. A mallet or its equivalent
H. Inflation hose with clip-on chuck, in-line gauge and control valve
I. Piece of wire (to unpluck valve stem)

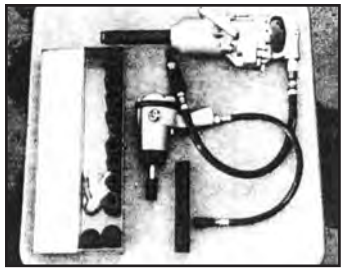
Plus the following:



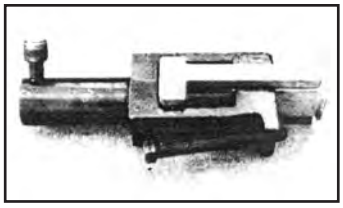
1. Air-Hydraulic Pump and 50-ton jack. Air supplied to the pump develops hydraulic pressure to lift the jack. This equipment is essential in servicing extra-heavy construction equipment.



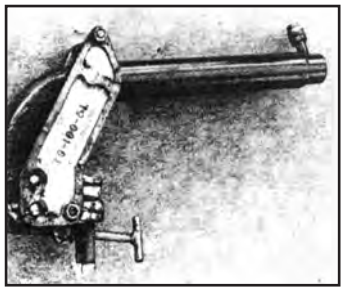
2. Air-Hydraulic Pump, activates hydraulic tools such as the bead breakers and hydraulic rams.



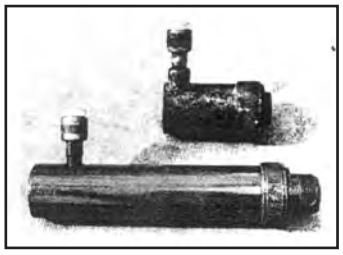
3. Air wrenches and their sockets are used to tighten and loosen nuts on wheels assemblies.



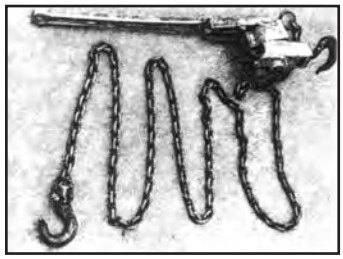
4. Bead Breaker, used for loosening tires from bead seats when the rim has prying slots.



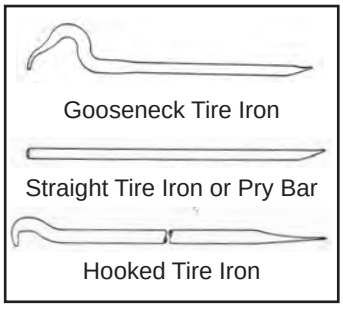
5. Bead Breaker, used for loosening tire from bead seats when the rim has no prying slots.



6. Top: 4” ram Hydraulic Demounting tool. Bottom: 6”-8” ram Hydraulic Demounting tool. Rams apply pressure to the inside bead flange when removing tires from 15˚ tapered rims.



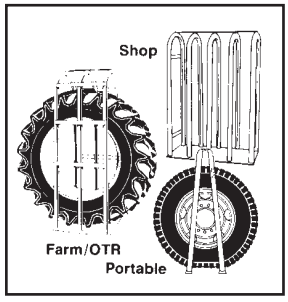
7. Coffin hoist (1/2 ton capacity). This tool expands the bead on tapered bead seats, so that a tubeless tire will take air.



8. These tire irons are used to pry apart wheel components.

9. Mounting stand, used when mounting tires on rims that have been removed from a vehicle.

10. A service truck with a hydraulic hoist is essential to installing and removing today’s heavy off-the-road tires.

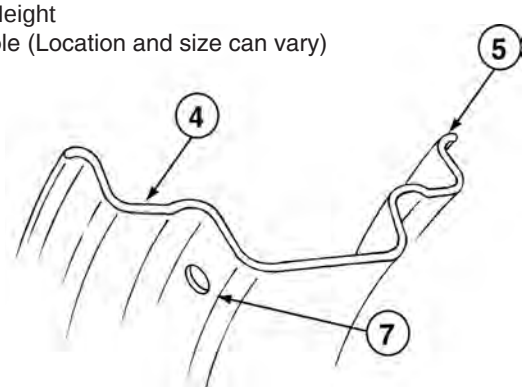


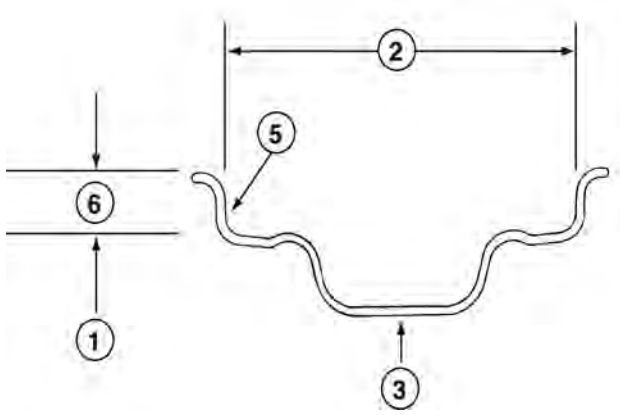
11. A cage of restraining device in which to place the wheel/tire assembly while inflating.

Identification/Terminology

Single-Piece Rims

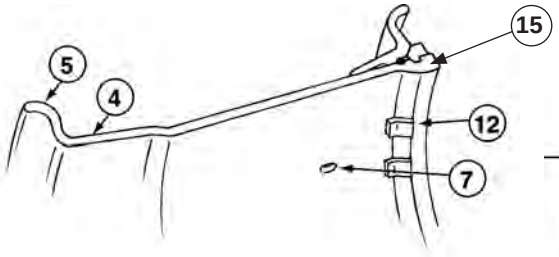
1. Rim Size (Nominal Bead Seat Diameter)
2. Rim Width
3. Rim Inside Dia.
4. Bead Seat Area
5. Flange
6. Flange Height
7. Valve Hole (Location and size can vary)

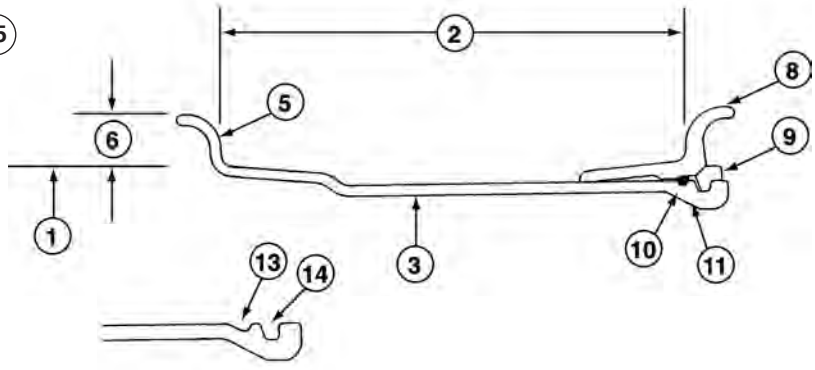




Multi-Piece Rims (3-Piece Type)

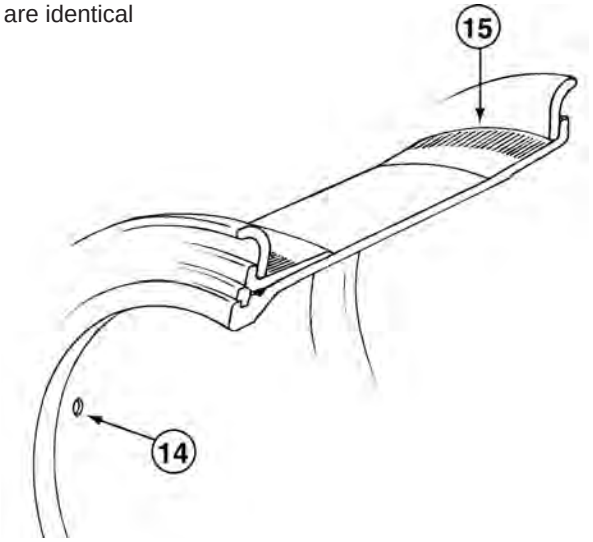
1. Rim Size (Nominal Bead Seat Diameter)
2. Rim Width
3. Rim Inside Dia.
4. Bead Seat Area
5. Flange-Fixed
6. Flange Height
7. Valve Hole (Location and size can vary)
8. Flange-Removable (Side Ring)
9. Lock Ring
10. O-Ring (For tubeless application only)
11. 28˚ Mounting Bevel (utilized for demountable application only)
12. Rim Stop Plate (Used for demountable application only; size, shape and location can vary.)
13. O-Ring Groove
14. Lock Ring Groove
15. Gutter portion of rim

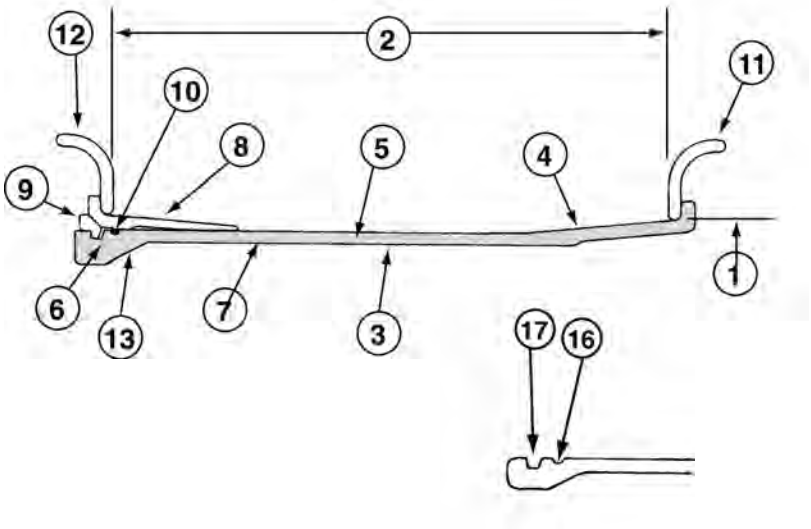




Multi-Piece Rims (5-Piece Type)

1. Rim Size (Bead Seat Diameter)
2. Rim Width
3. Rim Inside Dia.
4. Back Flange Portion of Rim Base
5. Center Band Portion of Rim Base
6. Gutter Band Portion of Rim Base
7. Rim Base (Entire Shaded Area)
8. Bead Seat Band (Removable, Gutter Side only)
9. Lock Ring
10. O-Ring
11. Flange, Inner (Removable)
12. Flange, Outer (Removable) *Note: Inner and Outer Flanges are identical
13. 28˚ Mounting Bevel (Utilized for demountable application only)
14. Valve Hole (Location, size and configuration can vary)
15. Knurl (Located on Back Flange Portion of Rim Base and Bead Seat Band tire mating surfaces)
16. O-Ring Groove
17. Lock Ring Groove (size and shape can vary depending on style of lock ring)
18. Pry Bar Pocket [not shown] (continuous gap entire circumference on some items)

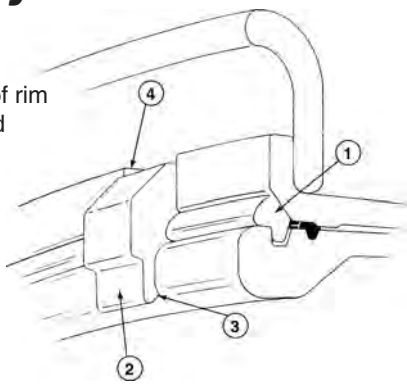




Multi-Piece Rims (5-Piece Type)

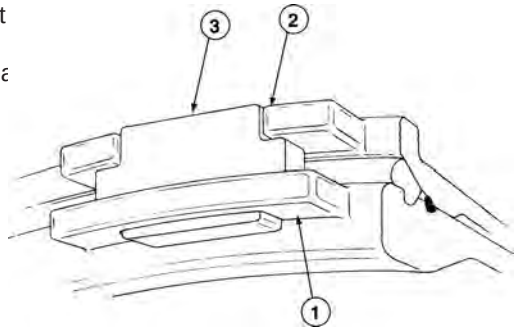
Crimped on Style Driver

1. Lock Ring
2. Crimped on driver
3. Notch in gutter portion of rim
4. Notch in bead seat band



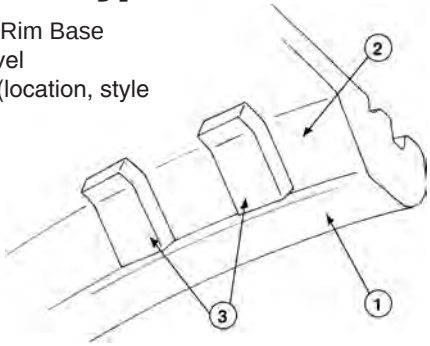
Loose Style Driver

1. Driver Pocket (Welded on gutter portion of rim base)
2. Driver Pocket
3. Driver Key*
   *Note: See pa

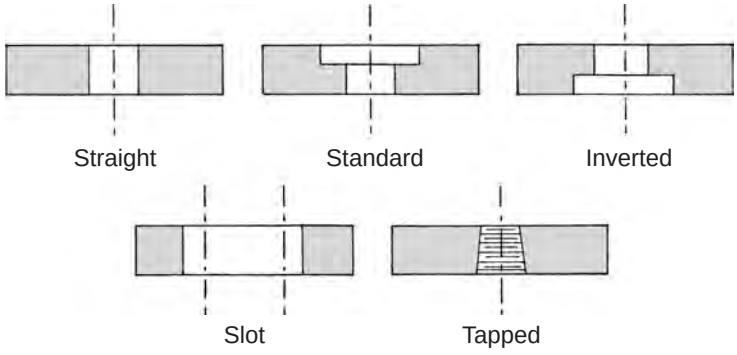


Demountable Type Rims

1. Gutter Portion of Rim Base
2. 28˚ Mounting Bevel
3. Rim Stop Plates (location, style and size can vary)



Valve Hole Styles



Safety Information

Titan "W" Series Rims are not interchangeable with other types

⚠ If you have any doubt about the correct, safe method of performing any step in the demounting, mounting, or inflating process STOP! Seek assistance from a qualified person.

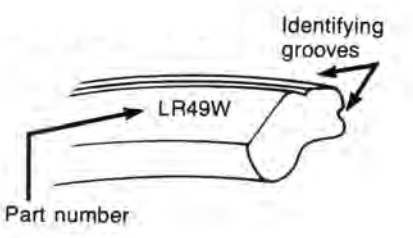
⚠ Rim and Wheel Components are not always interchangeable check part numbers carefully before assembling.

⚠ Titan's "W" SERIES LOCK RINGS ARE NOT INTERCHANGEABLE WITH OTHER TYPES, it is vitally important that you must check part numbers carefully before rim assembly. Following is a summary of the changes.

"W" Style Lock Ring

A "W" appears after the part number, which is stamped on the 45 degree face near the lock ring split (e.g. LR49W for a 49" rim), see illustration below.

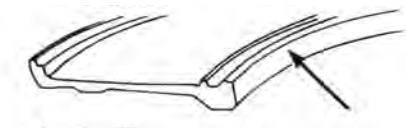
A circumferential groove gives the ring a unique appearance. This lock ring can only be used with the new "W" style gutters.



"W" Style Rim Base

There are two types of rim bases, the old version contains a "T" in the part number, whereas the new style contains a "W." A "W" style rim base must be matched only with a "W" style lock ring.

OLD	NEW
B1735HTHGD	B1735RWHGD
B3239HTEL	B3239RWEL



The faces of the "W" style rim base carries a caution stamping advising the user of the proper lock ring part number.

Bead Seat Bands

There are two types of bead seat bands, the old version contains an "H" in the part number, whereas the new style contains an "R." These bead seat bands are interchangeable.

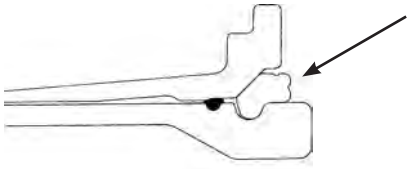
The R and H Bead Seats are interchangeable.

OLD	NEW
BB49HTG	BB49RTG
BB39HTL	BB28RTL

⚠ *DO NOT MISMATCH LOCK RINGS AND RIM BASES*

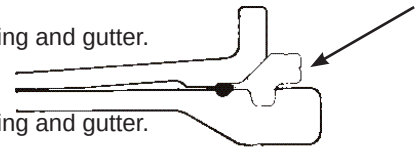
Correct Assembly:

"W" style lock ring with grooves assembled with "W" style rim base.



Incorrect Assembly:

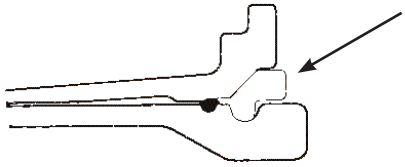
"W" lock ring with old rim base. Note poor fit and gap between lock ring and gutter.
DO NOT USE. REASSEMBLE USING PROPER COMPONENTS.



"W" lock ring with old rim base. Note poor fit and gap between lock ring and gutter.

Incorrect Assembly:

DO NOT USE. REASSEMBLE USING PROPER COMPONENTS.

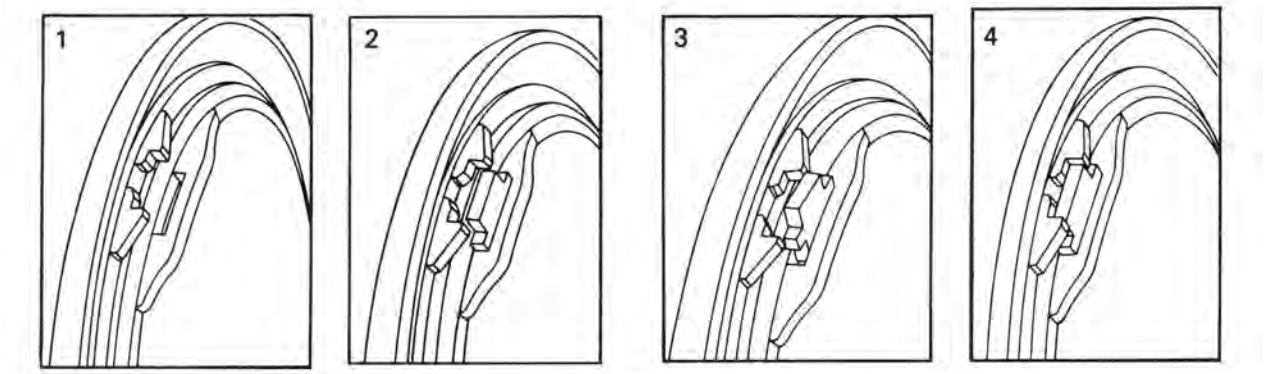


Outboard Driver Keys

Instructions

⚠ If you have any doubt about the correct, safe method of performing any step in the demounting, mounting, or inflating process STOP! Seek assistance from a qualified person.

Outboard Driver Keys



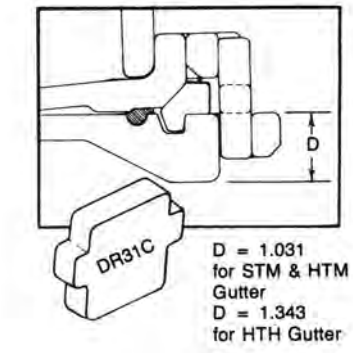
1. Align driver pockets in bead seat band and base as shown.

2. Inset driving key into driver pocket on base.

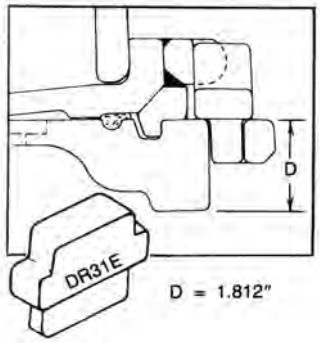
3. Make certain that all parts are properly aligned, as shown, before inflation.

4. When properly aligned, the bead seat band and pocket will move out and lock the driver key during inflation.

Outboard drivers are on those rims used in high torque and/or low inflation pressure applications, preventing circumferential movement of the rim components. Rim assemblies with an “M” or “L” near the end of the style designation (part number) are so equipped.



The DR31C driver key is used on rim bases with 1.0” and 1.3” approximate thickness gutter sections; basic styles STM, HTM, HTHM and HTHL.



The DR31E driver key is used on rim bases with the 1.8” approximate thickness gutter section; basic style HTEL.

Demounting Tires from Titan Assemblies

3-Piece Rim Assemblies

Tools Required: One (1) straight tire iron tool; Two (2) gooseneck tire iron tools; Rubber lubricant; Rubber, lead, plastic or brass-faced mallet and valve core removal tool, wire.

⚠ The task of servicing tires and wheels can be extremely dangerous and should be performed by trained personnel only, using the correct tools and following specific procedures. If you have any doubt about the correct, safe method of performing any step in the demounting, mounting, or inflating process STOP! Seek assistance from a qualified person.

⚠ Always completely deflate tire (both tires of a dual assembly) by removing valve core(s) from valve(s) before attempting any demounting operation. Check the valve stem by running a piece of wire through the stem to make sure it is not plugged.

⚠ Stand clear of trajectory danger zone when deflating (p. S:3 & S:10).

1. After complete deflation, place the assembly on the floor (on blocks with loose side flange side up.

2. Drive the goose-necked end of two gooseneck tire iron tools between the tire and side flange about 5 inches apart.

3. Pry both tools down and out as shown. Leave one tool in position and place the second about 5 inches beyond. Repeat

Safety Information

in successive steps until the tire bead is completely unseated.

⚠ Never release your grip on the tire irons, as they may spring back.

4. After the tire bead is unseated, stand on side flange and tire sidewall to depress the side flange down along the rim base. Pry the lock ring loose, starting at the split then remove the lock ring.

⚠ Keep fingers clear of pinch points.

5. Hold the side flange down with hooked end of gooseneck tire iron to remove the “O” ring from ring groove. It is a good idea to cut and discard the “O” ring and replace it with a new “O” ring.

⚠ Keep fingers clear of pinch points.

6. Remove the side flange.

7. Turn tire and rim over and unseat second bead by inserting both gooseneck tire iron tools between tire and fixed rim flange as in step 3. Repeat steps 2 and 3 until the tire bead is completely broken loose from the rim on the fixed flange side. Lift rim base out of tire.

⚠ Do not release your grip on the tire irons, as they may spring back.

⚠ Keep fingers clear of pinch points.

Mounting Tires on Titan Assemblies

3-Piece Rim Assemblies

Tools Required: One (1) straight tire iron tool; Two (2) gooseneck tire iron tools; Rubber lubricant; Rubber, lead, plastic or brass-faced mallet and safety cage.

⚠ The task of servicing tires and wheels can be extremely dangerous and should be performed by trained personnel only, using the correct tools and following specific procedures. If you have any doubt about the correct, safe method of performing any step in the demounting, mounting, or inflating process STOP! Seek assistance from a qualified person.

1. Clean the rim base and all components thoroughly with a wire brush to facilitate inspection, maintenance and mounting.

⚠ Clean all dirt and rust from inter-locking faces of multi-piece rim components particularly the gutter sections which hold the lock ring and “O” ring in place. Failure to adequately clean all components will inhibit efforts to inspect, maintain, and reassemble the tire and wheel correctly.

2. Inspect rim base and wheel components for cracks, wear, corrosion and damage.

⚠ Parts that are cracked, worn, pitted with corrosion, or damaged must be destroyed and replace with good parts.

⚠ In situations where part condition is suspect or in doubt destroy the part, discard and replace with good part.

⚠ Do not, under any circumstances, attempt to rework, weld, heat, or braze any rim base or wheel components.

⚠ Verify that the replacement parts are the correct size and type and manufacturer for the wheel being assembled.

3. After the rim and wheel component inspection is complete, and rim base and wheel components are verified to be in good usable condition, repaint all bare metal with a rust inhibitor to retard detrimental effects of corrosion.

⚠ Follow procedures and safety precautions of the paint manufacturer.

4. Inspect the tire for wear, cracks, tears, punctures and other damage.

Safety Information

⚠ Tires with excessive or uneven wear, cracks, tears, punctures, blisters or other damage may explode during inflation or service and tire should be destroyed and replaced with good tire of correct size, type and manufacturer for assembly, machine, and application.

⚠ If in doubt of the condition of the rim base, wheel components, or tire - STOP - contact the manufacturer or distributor for assistance.

⚠ Make sure parts are clean, repainted if necessary and have been inspected for damage and cracks before proceeding with mounting.

⚠ Parts that are cracked, worn, pitted with corrosion, or damaged must be rendered unusable, discarded and replaced with good parts.

5. Install valve spud on rim.

⚠ Follow valve spud manufacturer's recommendations and installation instructions.

6. Place rim base on blocks with fixed flange side down. Lubricate both bead seats of the tire with vegetable base lubricant. Place tire over rim base.

⚠ Never use petroleum-based lubricant; use vegetable-based lubricant only.

7. Place side flange over rim base and push straight down with hands as far as possible. Make sure side flange does not bind on rim base.

⚠ First, double check to make sure correct parts are being assembled, then proceed.

⚠ Keep fingers clear of pinch points.

8. Lubricate a new rubber "O" ring. Place "O" ring in groove on one side and stretch "O" ring snapping it into place rather than rolling it into place. Then lubricate the entire "O" ring area. (NOTE: It may be necessary to hold the side flange down with the flat end of the gooseneck tire iron tool in order to expose the "O" ring groove.)

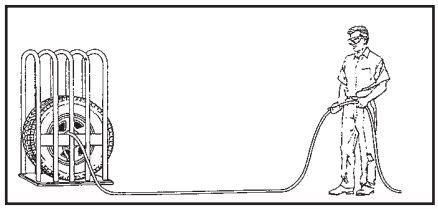
⚠ Keep fingers clear of pinch points.

⚠ Tire mounting 20" bead diameter and larger or flat base rims - lube the bead and rim flange area with water only. 15" and 16.1" - drop center rims use a very thin vegetable oil soap solution on both beads and rim flanges. Never use thick or uncut lube. Never use antifreeze, silicones or petroleum-based lubricants.

9. Stand on side flange to position it below both grooves in the rim base and snap lock ring into lock ring (upper) groove. Be certain the lock ring is installed with the correct side facing the operator as illustrated on page S:15.

10. Check components to make sure that parts are correctly assembled. (NOTE: Lock ring should be fully seated in gutter.)

⚠ Lock Ring must be properly seated in gutter, see p. S:15.



11. Place rim and tire in a safety cage during tire inflation. Stand to the side of the tire during inflation as illustrated. Inflate to approximately 3 psi and again check for proper engagement of all components. If assembly is correct, continue to inflate to recommended pressure.

⚠ Stand clear of potential trajectory danger zone (see diagram). Refer to page S:3 & S:10.

NOTE: It is advisable to use a clip-on chuck with an in-line pressure gauge and enough air line hose to permit the person inflating the tire to stand clear of the potential trajectory danger zone.

⚠ If assembly is incorrect STOP-DEFLATE-CORRECT THE ASSEMBLY-AND REPEAT PROCEDURE.

⚠ Never attempt to align or seat side flange, lock ring or other components by inflation, hammering, welding, heating or brazing.

NOTE: A filter on the air inflation equipment to remove moisture from the air line prevents corrosion. Check the filter periodically to be sure it's functioning properly.

⚠ Never inflate beyond manufacturer's recommended tire pressure.

Safety Information

Demounting Tires on Titan Assemblies

5-Piece Rim Assemblies

Tools Required: hydraulic demounting tool and two straight tire irons, screwdriver, piece of wire.

⚠ The task of servicing tires and wheels can be extremely dangerous and should be performed by trained personnel only, using the correct tools and following specific procedures. If you have any doubt about the correct, safe method of performing any step in the demounting, mounting, or inflating process STOP! Seek assistance from a qualified person.

⚠ Always completely deflate tire (both tires of a dual assembly) by removing valve core(s) from valve(s) before attempting any demounting operation. Check the valve stem by running a piece of wire through the stem to make sure it is not plugged. Remove driving key if present. See page S:16.

1. Place the assembly gutter side up on blocks.

2. Remove the lock ring, using two tire irons (NOTE: If this is not possible, the tire bead may be unseated as shown in step 4 with the lock ring and "O" ring in place. However, these items must be removed before removal of bead seat bands and flanges in step 7).

⚠ Keep fingers clear of pinch points.

⚠ Do not release your grip on the tire irons, as they may spring back.

3. Remove the "O" ring by prying the bead seat band back and inserting a pry bar or screwdriver under the "O" ring and pulling it from the groove. It is good practice to cut and discard the "O" ring and replace with a new "O" ring.

⚠ Keep fingers clear of pinch points.

4. Place hook of the hydraulic demounting tool into one of the pry bar pockets. A continuous lip is provided on some bases. Adjust the ram adjusting screw to enable the tool to remain vertical when under pressure. In some cases, the pressure foot may have to be removed to ensure a good hold. Activate the hydraulic pump and apply pressure. If necessary, release pressure and readjust the ram adjusting screw. Depress flange about 1⁄2"-3⁄4" and place a nut or similar object between the flange and the lip of the bead seat band by laying it on the rim flange and sliding it into position with a screwdriver.

⚠ Keep fingers clear of pinch points.

⚠ Always stand to one side of the tool and hold it with one hand. This allows control should the tool not seat properly and fly off.

5. Release the pressure and move about 2 feet around the rim or to the next pocket for the second bite. Continue the procedure until the tire bead is unseated.

Do not use tool in the vicinity of the butt weld area of the bead seat band, the flanges, or rim base.

6. Remove bead seat band using hoist or pry bars.

⚠ Keep fingers clear of pinch points.

7. Remove outer flange (ref. p. S:7) using a hoist or pry bars.

⚠ Always stand clear when using mechanical lifting devices.

8. Turn assembly over and repeat tire bead unseating procedure on the back side. (Steps 4 & 5)

9. Lift rim base from tire using hoist.

10. Remove inner flange. (ref. p. S:7)

In some cases it may be advantageous to use a more powerful hydraulic demounting tool with a longer stroke. However, caution must be used to avoid bending the flange or breaking the butt weld. Follow procedure outlined in step 4.

⚠ If the flange or butt weld are damaged, destroy the parts, discard, and replace with good parts.

Mounting Tires on Titan Assemblies

5-Piece Rim Assemblies

Tools Required: Rubber, lead, plastic or brass-faced mallet; rubber lubricant, mounting machine to depress beads, if necessary and safety cage.

⚠ The task of servicing tires and wheels can be extremely dangerous and should be performed by trained personnel only, using the correct tools and following specific procedures. If you have any doubt about the correct, safe method of performing any step in the demounting, mounting or inflating process STOP! Seek assistance from a qualified person.

1. Before mounting, always clean all rim components, removing rust and dirt, especially from the lock ring groove and "O" ring groove to insure proper seating and seal. Inspect parts for damage. Replace all cracked, badly worn, damaged and severely rusted components; paint or coat all parts with a rust inhibitor. Double check to be sure correct parts are being assembled. Also inspect the tire for foreign matter.

⚠ Tires with excessive or uneven wear, cracks, tears, punctures, blisters or other damage could explode during inflation or service. Discard the tire and replace with good tire of correct size, type and manufacturer for assembly, machine and application.

⚠ Follow procedures and safety precautions of the paint manufacturer.

⚠ Parts that are damaged or suspected of being damaged must be destroyed, discarded and replaced with good parts.

⚠ Do not attempt to rework, weld, heat or braze any rim base or wheel components.

2. Place rim base on blocks (4" to 6" high) on floor, gutter side up. Place inner flange (ref. p. S:7) on rim base, lubricate tire beads with vegetable lubricant. Place tire on rim using tire handler or hoist with sling.

⚠ Never use petroleum-based lubricant; use vegetable based lubricant only.

3. Depress the tire so that the lower tire bead is driven onto the back 5˚ Bead Seat taper of the rim. This will expose more of the gutter at the upper side of the rim base to facilitate assembly.

4. Place the outer flange (ref. p. S:7) over the rim base on the tire.

⚠ Keep fingers clear of pinch points.

5. Place the bead seat band on the rim base. If present, driver pockets must be aligned. See page S:16. Due to limited clearance between bead seats and rim base, bead seat band will bind if cocked slightly. Band should slide freely over base.

⚠ DO NOT HAMMER BEAD SEAT BAND INTO PLACE!

⚠ If necessary, remove and re-install, or use rubber-, lead-, plastic- or brass-faced mallet to tap, lightly upward on the bead seat band in order to get it to seat properly.

6. Place a new, lubricated "O" ring into the "O" ring groove, then lubricate the entire "O" ring area with an approved vegetable-base lubricant. Snap "O" ring into place by placing in groove on one side, stretching like rubber band and seating on opposite side.

⚠ Never use petroleum-based lubricant; use vegetable based lubricant only.

⚠ Keep fingers clear of pinch points.

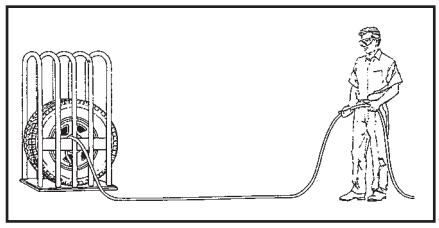
Safety Information

7. Start the lock ring in the lock ring groove and push or walk it into place.

⚠ Keep fingers clear of pinch points.

8. Insert drive key as required in pockets. See page S:16.

⚠ Never exceed the manufacturer's recommended inflation pressure.



9. Place rim and tire in a safety cage during tire inflation. Stand to the side of the tire during inflation as illustrated. Inflate to approximately 3 psi and again check for proper engagement of all components. If assembly is correct, continue to inflate to recommended pressure.

⚠ Stand clear of potential trajectory danger zone (see diagram page S:3 & S:10).

NOTE: It is advisable to use a clip-on chuck with an in-line pressure gauge and enough air line hose to permit the person inflating the tire to stand clear of the potential trajectory danger zone.

⚠ If assembly is incorrect, STOP-DEFLATE-CORRECT THE ASSEMBLY-AND REPEAT PROCEDURE.

⚠ Never attempt to seat rings or other components or correct components alignment by hammering, welding, heating or brazing while tire is inflated, partially inflated or deflated.

On-Vehicle Demounting of Tires
from Titan 5-Piece Rim Assemblies

⚠ Due to the variety of vehicle/equipment configurations and the range of conditions and situations under which on-vehicle demounting (wheel/tire assembly still attached to vehicle or equipment) can occur, proper procedures for blocking, jacking, cribbing of the vehicle/equipment must be done in accordance with the manufacturers operator's manual, maintenance manual or the information as provided by the vehicle/equipment manufacturer.

Tools required: Hydraulic Demounting Tool; Hooked Tire Iron; Pry Bar; lifting device or boom truck; and valve core removal tool; jack, cribbing, blocking or other items as needed to jack and block the vehicle/equipment per the manufacturer's instructions.

⚠ The task of servicing tires and wheels can be extremely dangerous and should be performed by trained personnel only, using the correct tools and following specific procedures. If you have any doubt about the correct, safe method of performing any step in the demounting, mounting or inflating process STOP! Seek assistance from a qualified person.

1. Jack, crib and block the vehicle/equipment per the manufacturer's instructions.

⚠ Jacking, cribbing and blocking a vehicle/equipment can be hazardous. You must refer to the manufacturer's operator's or maintenance manual for proper procedures.

⚠ Always completely deflate tire (both tires of a dual assembly) by removing valve core(s) from valve(s) before attempting any demounting operation. Check the valve stem by running a piece of wire through the stem to make sure it is not plugged.

Remove driving key if present.

2. Place the hook of the hydraulic demounting tool into one of the pry bar pockets. A continuous lip is provided on some bases. Adjust the ram adjusting screw to enable the tool to be perpendicular to the wheel when under pressure.

⚠ Always stand to one side of the tool and hold it with one hand. This allows control should the tool not seat properly and fly off.

3. Apply pressure and depress the flange about 3/4." If necessary release the pressure to readjust the tool. Place the end of a hooked tire iron between the flange and the lip of the bead seat band and release the pressure. Now place the hook of the hydraulic demounting tool under the lip of the bead seat band and continue the procedure around the rim; then slowly apply

pressure until the tire bead is COMPLETELY unseated.

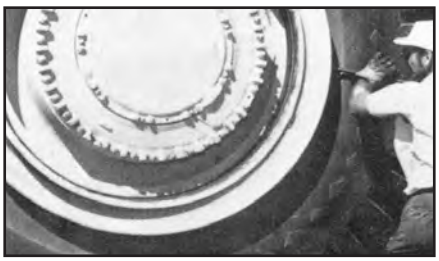
4. Remove driving key if present. See page S:16.

5. Remove the lock ring with a pry bar, starting near the split and working around the ring.

⚠ Never release grip on pry bars or tire irons when working on wheel-tire assemblies, as they may spring back.

⚠ Keep fingers clear of pinch points.

6. Insert the tip of a hooked tire iron under the “O” ring and pull it from the groove. It is good practice to destroy the old “O” ring to insure that a new “O” ring will be used.



7. Use a hooked tire iron under the flange to pry the bead seat band loose, with assistance of lifting device, carefully lower the bead seat band to the ground and roll it out of the way.

⚠ Use mechanical lifting device to avoid injury.

8. With assistance or a lifting device, remove the outer flange, then carefully lower it to the ground and roll it out of the way.

⚠ Use mechanical lifting device to avoid injury.

9. To unseat the inner tire bead, use either the hydraulic demounting tool as used on the outer bead or a shorty ram between the frame of the vehicle and the back flange, as shown.

10. Remove the tire using a boom truck and sling or a tire handler. Remove the inner flange to complete the disassembly.

⚠ When using a sling, stand clear.

On-Vehicle Mounting of Tires
on Titan 5-Piece Rim Assemblies

⚠ Due to the variety of vehicle/equipment configurations and the range of conditions and situations under which on-vehicle demounting (wheel/tire assembly still attached to vehicle or equipment) can occur, proper procedures for blocking, jacking, cribbing of the vehicle/equipment must be done in accordance with the manufacturers operator’s manual, maintenance manual or the information as provided by the vehicle/equipment manufacturer.

Tools Required: Lifting device or boom truck; jack, cribbing, blocking or other items as needed to jack and block the vehicle/equipment per the manufacturer’s instructions.

⚠ The task of servicing tires and wheels can be extremely dangerous and should be performed by trained personnel only, using the correct tools and following specific procedures. If you have any doubt about the correct, safe method of performing any step in the demounting, mounting, or inflating process STOP! Seek assistance from a qualified person.

1. Before mounting, always clean all rim components, removing rust and dirt, especially from the lock ring groove and “O” ring groove to insure proper seating and seal. Inspect parts for damage. Replace all cracked, badly worn, damaged and severely rusted components; paint or coat all parts with a rust inhibitor. Double check to be sure correct parts are being assembled. Also inspect the tire for foreign matter.

Safety Information

⚠ Follow procedures and safety precautions of the paint manufacturer.

⚠ Tires with excessive or uneven wear, cracks, tears, punctures, blisters or other damage may explode during inflation or service. If tire failure potential is suspected, discard the tire and replace with good tire of correct size, type and manufacture for assembly, machine and application.

⚠ Parts that are cracked, worn, pitted with corrosion, or damaged must be discarded and replaced with good parts.

⚠ Do not attempt to rework, weld, heat or braze any rim base or wheel components.

2. Place the inner flange on the rim base, lubricate the tire beads with a vegetable-based lubricant, and position the tire on the rim base using a boom truck or handler.

⚠ Never use petroleum-based lubricant; use vegetable-based lubricant only.

⚠ Stand clear of lifting device.

3. Position the outer flange on the rim base with the help of the boom.

⚠ Stand clear of lifting device.

⚠ Keep fingers clear of pinch points.

4. Place the bead seat band on the rim base with the help of the boom. Be sure driver pocket on bead seat band lines up with pocket on rim base.

⚠ Stand clear of lifting device.

⚠ Keep fingers clear of pinch points.

5. Using the boom to hold the rim components back out of the way, insert a new, lubricated “O” ring into the “O” ring groove area with an approved vegetable-base lubricant. Snap “O” ring into place by placing in groove on one side stretching like a rubber band and seating on opposite side.

6. Work the lock ring into the lock ring groove.

⚠ Keep fingers clear of pinch points.

7. Check components (lock rings, bead seat and flanges) to make sure that parts are correctly assembled. (NOTE: lock rings should be fully seated in gutter around the circumference. See page S:14.) Insert driver key as required, see page S:15.

⚠ Use a clip-on chuck with and in-line pressure gauge and enough air line hose to permit the person inflating the tire to stand clear of the potential trajectory danger zone. (See p. S:3 & S:10) Stand to the side of the tire during inflation. Inflate to approximately 3 psi and again check for proper engagement of all components. If assembly is correct, continue to inflate to recommended pressure.

⚠ Stand clear of potential trajectory danger zone (see p. S:3 & S:10 illustration).

⚠ If assembly is incorrect, STOP-DEFLATE-CORRECT THE ASSEMBLY-AND REPEAT PROCEDURE.

⚠ Never attempt to inflate an assembly if components are not properly aligned. Never attempt to seat rings or other components or correct components alignment by hammering, welding, heating or brazing while tire is inflated, partially inflated or deflated.

NOTE: A filter on the air inflation equipment to remove moisture from the air line prevents a lot of corrosion. Check the filter periodically to be sure it’s functioning properly.

⚠ Never inflate beyond manufacturer’s recommended tire pressure.

Contents

Middle of the Book

Titan Hi Traction Lug Radial R-1

- Superior traction and side hill slip resistance
- Combines long bar/medium bar traction for cleanability, smooth ride and more power to the ground

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4RDH14	320/85R24	Hi Traction Lug	TL	142A8/B	67	30	5,840	12	13.3	46.1	20.9	138	120	132	44
4RD412	12.4R28	Hi Traction Lug	TL	121A8/B	30	30	3,200	11	12.7	49.6	22.5	149	120	138	44
4RD422	13.6R24	Hi Traction Lug	TL	128A8/B	24	30	3,960	12	14.3	48.3	21.7	145	141	147	46
48E324	13.6R28	Hi Traction Lug	TL	3*	30	30	3,740	12	14.2	52.5	23.7	156	156E	199	51
4RD434	14.9R24	Hi Traction Lug	TL	120A8/B	18	30	3,080	13	17	49.9	23.2	149	207	156	47
48E438	380/85R28	Hi Traction Lug	TL	133A8/B	23	30	4,540	13	16	54.2	24.9	162	175	210	50
48E430	380/85R30	Hi Traction Lug	TL	135A8/B	23	30	4,800	13	16	56.2	25.6	169	165E	226	50
48E435	380/85R34	Hi Traction Lug	TL	137A8/B	23	30	5,080	13	16	60.2	27.6	181	224	242	52
48E79A	380/85R34	Hi Traction Lug	TL	148A8/B	46	30	6,950	13	16	60.2	27.6	181	224	255	52
48EA32	380/90R46	Hi Traction Lug	TL	144A8/B	23	30	6,150	13	15.7	72.3	34	218	300	321	50
48ED32	380/90R46	Hi Traction Lug	TL	149A8/B	35	30	7,150	13	15.7	72.3	34	218	300	321	50
48EH32	380/90R46	Hi Traction Lug	TL	156A8/B	49	30	8,800	13	15.7	72.3	34	218	300	368	50
48E032	380/90R46	Hi Traction Lug	TL	168A8/B	78	30	12,300	13	15.7	72.3	34	218	300	370	50
48E246	16.9R26	Hi Traction Lug	TL	2*	24	30	4,800	15	18.1	54.4	24.5	163	196E	225	52
48E220	16.9R38	Hi Traction Lug	TL	2*	24	30	5,680	15	18	66.6	30.6	200	235E	305	52
48E448	420/85R28	Hi Traction Lug	TL	139A8/B	23	30	5,360	15	18.1	56.5	25.5	169	202E	263	52
48E479	420/90R30	Hi Traction Lug	TL	142A8/B	23	30	5,840	15	17.8	58.9	26.7	176	408E	258	56
48E154	18.4R34	Hi Traction Lug	TL	1*	18	30	5,360	16	18.8	65.1	29.6	195	356	323	53
48E477	480/80R38	Hi Traction Lug	TL	149A8/B	23	30	7,150	16	19.8	69.1	31.6	208	454	355	53
48E677	480/80R38	Hi Traction Lug	TL	152A8/B	29	30	7,850	16	19.8	69.1	31.6	208	454	362	53
48E442	480/80R42	Hi Traction Lug	TL	151A8/B	23	30	7,600	16	19.3	73.1	33.6	220	400E	390	53
48E542	480/80R42	Hi Traction Lug	TL	154A8/B	29	30	8,250	16	19.3	73.1	33.6	220	400E	395	53
48E842	480/80R42	Hi Traction Lug	TL	162A8/B	46	30	10,500	16	19.3	73.1	33.6	220	400E	428	53
48E942	480/80R42	Hi Traction Lug	TL	166A8/B	58	30	11,700	16	19.3	73.1	33.6	220	400E	436	53
48E447	480/80R46	Hi Traction Lug	TL	155A8/B	29	30	8,550	16	19.3	78.9	35.9	235	425E	403	53
48E547	480/80R46	Hi Traction Lug	TL	158A8/B	35	30	9,350	16	19.3	78.9	35.9	235	425E	411	53
48E489	520/85R38	Hi Traction Lug	TL	148A8/B	17	30	6,950	18	21.3	72.9	33.1	218	430E	411	55
48E689	520/85R38	Hi Traction Lug	TL	158A8/B	29	30	9,350	18	21.3	72.9	33.1	218	430E	467	55
48E789	520/85R38	Hi Traction Lug	TL	160A8/B	35	30	9,900	18	21.3	72.9	33.1	218	430E	467	55
48E452	520/85R42	Hi Traction Lug	TL	157A8/B	23	30	9,100	18	21.3	76.9	35.1	231	435E	471	55
48E199	24.5R32	Hi Traction Lug	TL	1*	18	30	8,520	21	25.3	70.6	31.6	211	461E	521	56
48E599	24.5R32	Hi Traction Lug	TL	5*	38	30	12,800	21	25.3	70.6	31.6	211	461E	607	56
48E699	24.5R32	Hi Traction Lug	TL	6*	46	30	14,300	21	25.3	70.6	31.6	211	461E	607	56

*See Approved Rim Contours section

Titan Hi Power Lug Radial R-1

- Single Bar Design with wide overlapping lugs
- Deep Tread and excellent tread wear and durability
- Designed to deliver power to the ground
- Design offers maximum cleaning and sidehill slip resistance

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4R3434	14.9R24	Hi Power Lug	TL	120A8/B	18	30	3,080	13	15.5	49.8	22.7	148	78	156	47
4R3450	18.4R30	Hi Power Lug	TL	143A8/B	24	30	6,000	16	19.3	61	27.3	182	322	277	50
4R3750	480/80R30	Hi Power Lug	TL	139A8/B	17	30	5,360	16	19.2	60.5	27.1	181	347	277	50
49T454	480/80R34	Hi Power Lug	TL	140A8/B	17	30	5,520	16	19.5	64.5	28.9	193	429	341	54
49T252	20.8R42	Hi Power Lug	TL	155A8/B	24	30	8,550	18	21.2	76.5	35	230	400E	496	55
4R36Q7	23.1R30	Hi Power Lug	TL	168A8	46	30	12,300	20	24	66.5	30.1	200	350E	492	52

*See Approved Rim Contours section

Titan Super Hi-Power Lug II Radial R-1

- Single bar design with wide overlapping lugs
- Deep tread cuts through soil and penetrates easily for maximum traction
- Also provides excellent tread wear and durability

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
48T596	800/65R32	Super Hi-Power Lug II	TL	172A8/B	35	30	13,900	27	31.1	71.9	32.3	214	539E	768	59

*See Approved Rim Contours section

Titan Hi Load Radial R-1S

- Delivers superior tread wear
- Reduced lug-induced vibration
- Higher load capabilities over standard R-1 radials
- Stability at transport speeds

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
48S532	380/90R46	Hi Load Radial	TL	154A8/B	42	30	8,250	13	15.7	72.3	34	218	234	352	41
48S832	380/90R46	Hi Load Radial	TL	164A8/B	68	30	11,000	13	15.7	72.3	34	218	234	393	41
48S032	380/90R46	Hi Load Radial	TL	168A8/B	78	30	12,300	13	15.7	72.3	34	218	234	405	41

*See Approved Rim Contours section

Titan Hi Traction Lug R-1

- Exclusive long bar/medium bar tread pattern
- This design follows a symmetrical lug pattern to eliminate side-to-side rocking and promotes even wear

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
48D665	7-14	Hi Traction Lug	TL	6	36	20	990	6	6.7	27.5	12.7	83	66	26	33
48D865	7-14	Hi Traction Lug	TL	8	48	20	1,170	6	6.7	27.5	12.7	83	66	27	33
48D666	7-16	Hi Traction Lug	TL	6	36	20	1,100	6	7.5	29.8	14.7	89	68	32	34
48D066	7-16	Hi Traction Lug	TL	10	60	20	1,480	6	7.5	29.8	14.7	89	68	36	34
48D667	8-16	Hi Traction Lug	TL	6	28	20	1,360	6	8	30.5	13.9	91	80	36	31
48D067	8-16	Hi Traction Lug	TL	10	48	20	1,870	6	8	30.5	13.9	91	80	38	31
48D684	8.3-24	Hi Traction Lug	TL	6	34	20	1,610	7	8.3	39.1	18.2	117	60	56	37
48D695	9.5-16	Hi Traction Lug	TL	6	30	20	1,390	8	9.7	33.6	14.1	101	54	50	40
48D663	9.5-20	Hi Traction Lug	TL	6	30	20	1,650	8	9.3	37.5	17.1	113	88	57	41
48D694	9.5-24	Hi Traction Lug	TL	6	30	25	1,870	8	9.4	42	19.8	126	87	65	41
48D404	11.2-24	Hi Traction Lug	TL	4	18	25	1,650	10	11.8	43.6	20.1	130	99	88	43
48D604	11.2-24	Hi Traction Lug	TL	6	26	25	2,090	10	11.8	43.6	20.1	130	99	100	43
48D804	11.2-24	Hi Traction Lug	TL	8	36	25	2,540	10	11.8	43.6	20.1	130	99	102	43
47D804	11.2-24	Hi Traction Lug	TT	8	36	25	2,540	10	11.8	43.6	20.1	130	99	92	43
48D004	11.2-24	Hi Traction Lug	TL	10	44	25	2,830	10	11.8	43.6	20.1	130	99	106	43
48D410	11.2-28	Hi Traction Lug	TL	4	18	25	1,760	10	11.8	47.6	22.1	147	100E	101	43
48D414	12.4-24	Hi Traction Lug	TL	4	16	25	1,870	11	12.2	45.7	21.2	137	110	108	44
48D614	12.4-24	Hi Traction Lug	TL	6	24	25	2,400	11	12.2	45.7	21.2	137	110	113	44
48D814	12.4-24	Hi Traction Lug	TL	8	32	25	2,830	11	12.2	45.7	21.2	137	110	114	44
48D114	12.4-24	Hi Traction Lug	TL	12	48	25	3,520	11	12.2	45.7	21.2	137	110	130	44
48D412	12.4-28	Hi Traction Lug	TL	4	16	25	1,980	11	13	49.8	23.1	152	150E	108	44
48D612	12.4-28	Hi Traction Lug	TL	6	24	25	2,540	11	13	49.8	23.1	152	150E	114	44
47D619	12.4-42	Hi Traction Lug	TT	6	24	25	3,080	11	12.5	64.5	30.3	193	155E	158	32
48D019	12.4-42	Hi Traction Lug	TL	10	40	25	4,180	11	12.5	64.5	30.3	193	155E	183	48
48D119	12.4-42	Hi Traction Lug	TL	12	48	25	4,680	11	12.5	64.5	30.3	193	155E	184	48
48D422	13.6-24	Hi Traction Lug	TL	4	14	25	2,040	12	14.3	47.9	21.9	143	143E	132	46
48D622	13.6-24	Hi Traction Lug	TL	6	22	25	2,680	12	14.3	47.9	21.9	143	143E	133	46
48D822	13.6-24	Hi Traction Lug	TL	8	28	25	3,080	12	14.3	47.9	21.9	143	143E	141	46
47D424	13.6-28	Hi Traction Lug	TT	4	14	25	2,200	12	14.3	51.9	23.9	158	156E	127	46
48D424	13.6-28	Hi Traction Lug	TL	4	14	25	2,200	12	14.3	51.9	23.9	158	156E	136	46
47D624	13.6-28	Hi Traction Lug	TT	6	22	25	2,830	12	14.3	51.9	23.9	158	156E	133	46
48D624	13.6-28	Hi Traction Lug	TL	6	22	25	2,830	12	14.3	51.9	23.9	158	156E	143	46
47D824	13.6-28	Hi Traction Lug	TT	8	28	25	3,300	12	14.3	51.9	23.9	158	156E	134	46
48D024	13.6-28	Hi Traction Lug	TL	10	36	25	3,740	12	14.3	51.9	23.9	158	156E	151	46
48D434	14.9-24	Hi Traction Lug	TL	4	12	25	2,200	13	15.4	50.4	22.7	150	150E	126	47
47D634	14.9-24	Hi Traction Lug	TT	6	20	25	3,000	13	15.4	50.4	22.7	150	150E	132	47
48D634	14.9-24	Hi Traction Lug	TL	6	20	25	3,000	13	15.4	50.4	22.7	150	150E	144	47
48D834	14.9-24	Hi Traction Lug	TL	8	26	25	3,520	13	15.4	50.4	22.7	150	150E	146	47
47D638	14.9-28	Hi Traction Lug	TT	6	20	25	3,200	13	15.7	54.1	24.8	163	163E	133	47
48D638	14.9-28	Hi Traction Lug	TL	6	20	25	3,200	13	15.7	54.1	24.8	163	163E	140	47
48D038	14.9-28	Hi Traction Lug	TL	10	32	25	4,180	13	15.7	54.1	24.8	163	163E	162	47

Bias R-1 Titan

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
48D030	14.9-30	Hi Traction Lug	TL	10	32	25	4,300	13	15.7	56.1	25.8	169	168E	196	47
47D674	15.5-38	Hi Traction Lug	TT	6	20	25	3,520	14	15.9	62.7	29.3	189	175E	185	46
47D874	15.5-38	Hi Traction Lug	TT	8	26	25	4,080	14	15.9	62.7	29.3	189	175E	186	46
47D645	16.9-24	Hi Traction Lug	TT	6	18	25	3,420	15	17.8	53	24	157	190E	148	48
48D645	16.9-24	Hi Traction Lug	TL	6	18	25	3,420	15	17.8	53	24	157	190E	166	48
48D845	16.9-24	Hi Traction Lug	TL	8	24	25	4,080	15	17.8	53	24	157	190E	166	48
48D646	16.9-26	Hi Traction Lug	TL	6	18	25	3,520	15	17.7	55	25	164	196E	174	48
48D046	16.9-26	Hi Traction Lug	TL	10	28	25	4,540	15	17.7	55	25	164	196E	191	48
48D648	16.9-28	Hi Traction Lug	TL	6	18	25	3,640	15	17.8	57	26	170	202E	180	48
47D848	16.9-28	Hi Traction Lug	TT	8	24	25	4,300	15	17.8	57	26	170	202E	169	48
48D048	16.9-28	Hi Traction Lug	TL	10	28	25	4,680	15	17.8	57	26	170	202E	199	48
47D679	16.9-30	Hi Traction Lug	TT	6	18	25	3,740	15	17.8	59	27	176	209E	181	48
48D679	16.9-30	Hi Traction Lug	TL	6	18	25	3,740	15	17.8	59	27	176	209E	203	48
47D879	16.9-30	Hi Traction Lug	TT	8	24	25	4,400	15	17.8	59	27	176	209E	185	48
48D379	16.9-30	Hi Traction Lug	TL	14	40	25	6,000	15	17.8	59	27	176	209E	223	48
47D644	16.9-34	Hi Traction Lug	TT	6	18	25	3,960	15	17.8	63	29	188	222E	190	48
47D844	16.9-34	Hi Traction Lug	TT	8	24	25	4,680	15	17.8	63	29	188	222E	191	48
47D620	16.9-38	Hi Traction Lug	TT	6	18	25	4,180	15	17.8	67	31	200	235E	198	48
48D620	16.9-38	Hi Traction Lug	TL	6	18	25	4,180	15	17.8	67	31	200	235E	218	48
47D820	16.9-38	Hi Traction Lug	TT	8	24	25	4,940	15	17.8	67	31	200	235E	206	48
48D890	18.4-16.1	Hi Traction Lug	TL	8	20	25	2,910	16	18.6	44.7	20.9	135	158E	168	50
48D656	18.4-26	Hi Traction Lug	TL	6	16	25	3,960	16	19.4	57.7	26.2	171	246E	196	50
48D056	18.4-26	Hi Traction Lug	TL	10	26	25	5,200	16	19.4	57.7	26.2	171	246E	215	50
48D156	18.4-26	Hi Traction Lug	TL	12	32	25	5,840	16	19.4	57.7	26.2	171	246E	222	50
48D556	18.4-26	Hi Traction Lug	TL	16	42	25	6,950	16	19.4	57.7	26.2	171	246E	243	50
48D756	18.4-26	Hi Traction Lug	TL	18	46	25	7,400	16	19.4	57.7	26.2	171	246E	243	50
48D650	18.4-30	Hi Traction Lug	TL	6	16	25	4,180	16	19.4	61.7	28.2	183	263E	232	50
47D850	18.4-30	Hi Traction Lug	TT	8	20	25	4,800	16	19.4	61.7	28.2	183	263E	209	50
48D050	18.4-30	Hi Traction Lug	TT	10	26	25	5,520	16	19.4	61.7	28.2	183	263E	261	50
48D150	18.4-30	Hi Traction Lug	TL	12	32	25	6,400	16	19.4	61.7	28.2	183	263E	262	50
47D654	18.4-34	Hi Traction Lug	TT	6	16	25	4,400	16	19.4	65.7	30.2	195	279E	215	50
47D854	18.4-34	Hi Traction Lug	TT	8	20	25	5,080	16	19.4	65.7	30.2	195	279E	221	50
48D054	18.4-34	Hi Traction Lug	TL	10	26	25	6,000	16	19.4	65.7	30.2	195	279E	265	50
47D677	18.4-38	Hi Traction Lug	TT	6	16	25	4,680	16	19.4	69.7	32.2	206	295E	247	50
47D877	18.4-38	Hi Traction Lug	TT	8	20	25	5,360	16	19.4	69.7	32.2	206	295E	252	50
47D077	18.4-38	Hi Traction Lug	TT	10	26	25	6,400	16	19.4	69.7	32.2	206	295E	277	50
48D377	18.4-38	Hi Traction Lug	TL	14	36	25	7,600	16	19.4	69.7	32.2	206	295E	312	50
47D801	20.8-34	Hi Traction Lug	TT	8	18	25	5,840	18	21.7	68.9	31.5	203	322E	290	51
47D889	20.8-38	Hi Traction Lug	TT	8	18	25	6,150	18	21.7	72.9	33.5	214	341E	317	51
47D089	20.8-38	Hi Traction Lug	TT	10	22	25	6,950	18	21.7	72.9	33.5	214	341E	315	51
47D389	20.8-38	Hi Traction Lug	TT	14	32	25	8,550	18	21.7	72.9	33.5	214	341E	414	51
48D389	20.8-38	Hi Traction Lug	TL	14	32	25	8,550	18	21.7	72.9	33.5	214	341E	396	51
48DD89	20.8-38	Hi Traction Lug	TL	28	62	25	12,800	18	21.7	72.9	33.5	214	341E	456	51
48D886	23.1-26	Hi Traction Lug	TL	8	16	25	5,680	20	24.1	64.3	28.9	187	322E	311	52
48D086	23.1-26	Hi Traction Lug	TL	10	20	25	6,400	20	24.1	64.3	28.9	187	322E	334	52
48D186	23.1-26	Hi Traction Lug	TL	12	24	25	7,150	20	24.1	64.3	28.9	187	322E	345	52

Titan Hi Traction Lug R-1

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
48D386	23.1-26	Hi Traction Lug	TL	14	28	25	7,850	20	24.1	64.3	28.9	187	322E	344	52
48D586	23.1-26	Hi Traction Lug	TL	16	34	25	8,800	20	24.1	64.3	28.9	187	322E	343	52
47D888	23.1-34	Hi Traction Lug	TT	8	16	25	6,400	20	24.1	72.3	32.9	211	364E	303	52
48D099	24.5-32	Hi Traction Lug	TL	10	20	25	7,850	21	25.5	72.2	32.7	210	364E	402	53
48D199	24.5-32	Hi Traction Lug	TL	12	24	25	8,800	21	25.5	72.2	32.7	210	364E	447	53
48D399	24.5-32	Hi Traction Lug	TL	14	28	25	9,650	21	25.5	72.2	32.7	210	364E	448	53
48D599	24.5-32	Hi Traction Lug	TL	16	30	25	9,900	21	25.5	72.2	32.7	210	364E	448	53
48DB99	24.5-32	Hi Traction Lug	TL	24	46	25	12,800	21	25.5	72.2	32.7	210	364E	441	53
48D196	30.5L-32	Hi Traction Lug	TL	12	20	25	9,350	27	31.9	71.8	32.5	209	468E	550	54
48D596	30.5L-32	Hi Traction Lug	TL	16	26	25	11,000	27	31.9	71.8	32.5	209	468E	583	54

*See Approved Rim Contours section

Titan Hi Power Lug R-1

- Single Bar Design with wide overlapping lugs
- Deep Tread and excellent tread wear and durability
- Designed to deliver power to the ground
- Design offers maximum cleaning and sidehill slip resistance

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
473404	11.2-24	Hi Power	TT	4	18	25	1,650	10	11.6	43.5	20.1	130	99	76	42
483404	11.2-24	Hi Power	TL	4	18	25	1,650	10	11.6	43.5	20.1	130	99	88	42
483604	11.2-24	Hi Power	TL	6	26	25	2,090	10	11.6	43.5	20.1	130	99E	92	42
483804	11.2-24	Hi Power	TL	8	36	25	2,540	10	11.6	43.5	20.1	130	99E	102	42
473408	11.2-38	Hi Power	TT	4	18	25	2,090	10	11.6	57.5	27.1	174	115E	114	42
483408	11.2-38	Hi Power	TL	4	18	25	2,090	10	11.6	57.5	27.1	174	115E	122	42
483608	11.2-38	Hi Power	TL	6	26	25	2,540	10	11.6	57.5	27.1	174	115E	124	42
483008	11.2-38	Hi Power	TL	10	44	25	3,520	10	11.6	57.5	27.1	174	115E	141	42
473418	12.4-38	Hi Power	TT	4	16	25	2,340	11	12.9	59.6	28	181	145E	135	44
483818	12.4-38	Hi Power	TL	8	32	25	3,520	11	12.9	59.6	28	181	145E	164	44
483118	12.4-38	Hi Power	TL	12	48	25	4,400	11	12.9	59.6	28	181	145E	182	44
473624	13.6-28	Hi Power	TT	6	22	25	2,830	12	14.1	51.6	23.7	157	156E	127	46
473628	13.6-38	Hi Power	TT	6	22	25	3,300	12	14.1	61.6	28.8	186	181E	155	46
483128	13.6-38	Hi Power	TL	12	42	25	4,800	12	14.1	61.6	28.8	186	181E	219	46
473434	14.9-24	Hi Power	TT	4	12	25	2,200	13	15.5	49.8	22.7	148	150E	105	47
483434	14.9-24	Hi Power	TL	4	12	25	2,200	13	15.5	49.8	22.7	148	150E	126	47
473634	14.9-24	Hi Power	TT	6	20	25	3,000	13	15.5	49.8	22.7	148	150E	131	47
483634	14.9-24	Hi Power	TL	6	20	25	3,000	13	15.5	49.8	22.7	148	150E	144	47

Bias R-1 Titan

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
473631	14.9-26	Hi Power	TT	6	20	25	3,080	13	15.1	51.8	23	156	155E	152	47
483631	14.9-26	Hi Power	TL	6	20	25	3,080	13	15.1	51.8	23	156	155E	159	47
483031	14.9-26	Hi Power	TT	10	32	25	4,080	13	15.1	51.8	23	156	155E	185	47
483131	14.9-26	Hi Power	TL	12	36	25	4,400	13	15.1	51.8	23	156	155E	193	47
483638	14.9-28	Hi Power	TL	6	20	25	3,200	13	15.2	54.9	24.6	164	160E	140	47
483838	14.9-28	Hi Power	TL	8	26	25	3,740	13	15.2	54.9	24.6	164	160E	148	47
483038	14.9-28	Hi Power	TL	10	32	25	4,180	13	15.2	54.9	24.6	164	160E	162	47
473673	14.9-38	Hi Power	TT	6	32	25	4,300	13	15.1	63.8	29.7	192	170E	191	47
473674	15.5-38	Hi Power	TT	6	20	25	3,520	14	15.7	61.8	28.9	187	176E	186	46
473679	16.9-30	Hi Power	TT	6	18	25	3,740	15	17.6	58.5	26.8	175	209E	181	48
473658	18.4-28	Hi Power	TT	6	16	25	4,080	16	19.1	59.1	26.9	175	250E	183	50
473650	18.4-30	Hi Power	TT	6	16	25	4,180	16	19.1	61.1	27.9	181	263E	204	50
473850	18.4-30	Hi Power	TT	8	20	25	4,800	16	19.1	61.1	27.9	181	263E	209	50
483850	18.4-30	Hi Power	TL	8	20	25	4,800	16	19.1	61.1	27.9	181	263E	233	50
473654	18.4-34	Hi Power	TT	6	16	25	4,400	16	19.1	65.1	29.9	193	279E	215	50
473854	18.4-34	Hi Power	TT	8	20	25	5,080	16	19.1	65.1	29.9	193	279E	221	50
473677	18.4-38	Hi Power	TT	6	16	25	4,680	16	19.1	69.1	31.9	205	295E	258	50
473877	18.4-38	Hi Power	TT	8	20	25	5,360	16	19.1	69.1	31.9	205	295E	266	50
473889	20.8-38	Hi Power	TT	8	18	25	6,150	18	21.6	72.2	33.2	213	341E	315	51
483086	23.1-26	Hi Power	TL	10	20	25	6,400	20	24	62.5	28.1	183	322E	345	52
473882	23.1-30	Hi Power	TT	8	16	25	6,000	20	24	66.5	30.1	195	340E	326	52
483082	23.1-30	Hi Power	TL	10	20	25	6,800	20	24	66.5	30.1	195	340E	368	52
48Q196	30.5L-32	Hi Power	TL	12	26	25	9,350	27	31.1	71.5	31.9	213	468E	583	59

*See Approved Rim Contours section

Titan Tru Power R-1

- Ultimate deep-traction tire with a large contact area to provide the best traction
- A great performer on wet or dry surfaces
- Features a specially designed rim guard to keep debris from the bead seat area

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4233F5	5-12	Tru Power	TL	4	34	10	495	4	5	20.8	9.6	62	na	11	20
4233C3	6-12	Tru Power	TL	4	28	10	600	5	5.7	22.7	10.3	70	na	15	20
4234C3	6-12	Tru Power	TL	6	42	10	760	5	5.7	22.7	10.3	70	na	17	20
423382	7-12	Tru Power	TL	4	24	10	715	6	6.5	23.9	10.9	72	na	21	23
423682	7-12	Tru Power	TL	6	36	10	910	6	6.5	23.9	10.9	72	na	21	23
423383	12.4-16	Tru Power	TL	6	24	10	1,820	11	12.4	37.7	17.2	112	na	71	32

*See Approved Rim Contours section

Titan Farm Tractor R-1

- Great size range for antique and older tractors
- The open 45 degree lug provides self-cleaning and traction benefits

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
470402	11.2-34	Farm Tractor	TT	4	18	25	1,980	10	11.6	53.4	25.1	164	na	98	42
470406	11.2-36	Farm Tractor	TT	4	18	25	2,040	10	11.2	55.4	26.1	170	na	93	44
470416	12.4-36	Farm Tractor	TL	4	16	25	2,270	11	12.6	57.1	26.4	171	na	116	44
470616	12.4-36	Farm Tractor	TT	6	24	25	2,830	11	12.6	57.1	26.4	171	na	131	44
470693	13.9-36	Farm Tractor	TT	6	20	25	3,200	12	14.2	58.7	27.4	178	na	133	44

*See Approved Rim Contours section

Titan Irrigation Drive R-1

- Designed for irrigation service with minimal soil compaction and excellent wear

Titan Traction Drive R-1

- Titan's Irrigation Drive and Traction Drive R-1 tires are designed for irrigation service with minimal soil compaction and excellent wear

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
499434	14.9-24	Irrigation Drive	TL	4	16	25	4,640	13	15.5	49.8	22.7	148	150E	132	47
499634	14.9-24	Irrigation Drive	TL	6	26	25	6,330	13	15.5	49.8	22.7	148	150E	133	47
499511	14.9-24	Traction Drive	TL	4	16	25	4,640	13	15.4	50	22.8	149	150E	137	47
499811	14.9-24	Traction Drive	TL	8	34	25	7,430	13	15.4	50	22.8	149	150E	133	47

*See Approved Rim Contours section

Titan Lift Rigger II R-1

- Combines thicker, self-cleaning lugs in a directional pattern with a low aspect ratio
- Greater lateral stability and flotation than conventional aerial lift tires
- Also available in the stable LSW design

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
43C103	17.5L-24	Lift Rigger II	TL	12	36	25	6,600	15	17.5	49.8	22.8	149	na	218	49
G3C34L	LSW400-648	Lift Rigger II	TL	166A2	58	25	7,150	356	15.7	42.9	19.3	127	na	154	33
43C34L	400/70-20	Lift Rigger II	TL	150A8/B	61	25	7,400	14	15.9	42.9	19.3	127	na	164	33

*See Approved Rim Contours section

Titan TT415 R-1

- Combine tire features increased contact area for increased flotation
- Turf- and soil-friendly tread pattern

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4151F3	19.5L/60-26	TT415	TL	12	48	25	9,490	16	19.7	49.6	21.4	146	na	214	42
4151C7	23.5L/55-26	TT415	TL	12	40	25	11,540	20	23.6	53.1	22.4	156	na	324	49
45R1C7	23.5L/55R26	TT415	TL	168A8/B	40	25	11,700	20	23.6	53.1	22.4	156	na	317	49

*See Approved Rim Contours section

Titan AG49V Radial R-1W

- Developed for high clearance with the Row Crop market in mind and features a deeper tread than an R-1 tire for improved traction

Titan AG49H Radial R-1W

- Modeled after popular European-style tires
- Specifically designed for soft, moist and sticky soils
- Deep tread for solid traction

Titan AG49M Radial R-1W

- Wide base and wider section width allow for higher loads
- Greater flotation, improved traction and smoother ride

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
49V4V4	230/95R48	AG49V	TL	147A8/B	73	30	6,800	8	9.5	67.1	31.7	206	174	205	56
49V7T3	230/115R54	AG49V	TL	146A8/B	64	30	6,600	8	10.5	76.7	36	238	142	316	58
49V5V4	250/95R48	AG49V	TL	147A8/B	73	30	6,800	8	9.5	67.1	31.7	206	174	205	56
49V7V1	290/90R38	AG49V	TL	138A8/B	46	30	5,200	9	11.4	58.5	27.3	184	153E	190	54
49V7V2	320/80R42	AG49V	TL	130A8/B	23	30	4,180	10	12.5	62.2	29.2	191	177E	225	60
49V445	320/85R38	AG49V	TL	138A8/B	41	30	5,200	10	12.6	59.4	27.3	179	162E	221	55
49V7V8	320/90R46	AG49V	TL	148A8/B	52	30	6,950	10	12.6	68.7	32.2	210	216	267	54
49V7T5	320/90R46	AG49V	TL	156A8/B	70	30	8,800	10	12.6	68.7	32.2	210	216	312	54
49V4V6	320/90R50	AG49V	TL	156A8/B	67	30	8,800	10	12.5	72.6	34.2	220	170	327	54
49V8V6	320/90R50	AG49V	TL	161A8/B	78	30	10,200	10	12.5	72.6	34.2	220	170	340	54
49V743	320/90R54	AG49V	TL	154A8/B	60	30	8,250	10	12.5	76.7	35.2	233	178	328	56
49V7V9	380/90R54	AG49V	TL	152A8/B	35	30	7,850	12	15	80.9	37.9	244	178	378	58
49M7M3	380/80R38	AG49M	TL	142A8/B	35	30	5,840	12	15	61.9	28.7	186	246	243	60
49H748	16.9R28	AG49H	TL	136A8/B	24	30	4,940	15	16.8	56	25.7	166	228E	255	63
49H479	16.9R30	AG49H	TL	144A8/B	36	30	6,150	15	17.5	57.7	26.5	175	233E	271	60
49M7M4	420/85R34	AG49M	TL	147A8/B	35	30	6,800	15	16.5	62.1	28.4	188	243	277	56
49M440	480/70R30	AG49M	TL	152A8/B	46	30	7,850	15	18.4	57.8	26.2	171	264E	298	66
49M7M5	480/70R34	AG49M	TL	155A8/B	46	30	8,550	15	18.3	62.2	28.4	189	300	319	62
49H777	18.4R38	AG49H	TL	146A8/B	24	30	6,600	16	18.5	68	31.1	203	318E	353	66
49H742	18.4R42	AG49H	TL	148A8/B	24	30	6,950	16	18.3	72.2	33.2	212	335E	448	66
49M751	480/80R50	AG49M	TL	159A8/B	35	30	9,650	15	18.9	80.2	37.2	245	432	526	64
49H789	20.8R38	AG49H	TL	153A8/B	24	30	8,050	18	20.9	70.9	32.6	212	380E	424	70
49H752	20.8R42	AG49H	TL	155A8/B	24	30	8,550	18	21.4	75.5	34.1	225	423	509	66
49M771	520/85R46	AG49M	TL	158A8/B	23	30	9,350	16	21.9	80.8	37	243	580	579	72
49M5Q5	600/60R34	AG49M	TL	164A8/B	46	30	11,000	18	23.2	63.2	28.2	189	na	498	65
49M7M6	600/70R30	AG49M	TL	152A8/B	23	30	7,850	20	22.9	63.1	28.4	189	357E	407	65
49M770	620/70R42	AG49M	TL	160A8/B	23	30	9,900	20	24.6	76.5	35	230	465E	647	66
49M781	620/70R46	AG49M	TL	162A8/B	23	30	10,500	20	24.6	80.2	36.9	241	470	691	73

Radial R-1W

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
49M5W6	710/60R30	AG49M	TL	162A8/B	35	30	10,500	25	27.9E	63.5E	28.6E	189E	500E	503	78
49M969	710/70R38	AG49M	TL	177A8/B	46	30	16,100	23	28	76	34.8	227	490E	737	78
49M769	710/70R38	AG49M	TL	166A8/B	23	30	11,700	23	28	76	34.8	227	490E	680	78
49M791	710/70R42	AG49M	TL	168A8/B	23	30	12,300	23	28.2	81.1	36.8	245	572E	762	74
49M891	710/70R42	AG49M	TL	179A8/B	46	30	17,100	23	28.2	81.1	36.8	245	572E	797	74
49M5Q6	710/70R42	AG49M	TL	180A8/B	49	30	17,600	23	28.2	81.1	36.8	245	572E	816	78

*See Approved Rim Contours section

Titan Revolution Radial R-1W

- Industrial design lugs
- High lug count
- Deep clean lug design
- Premium tread compound
- Long hard surface wear
- Minimize road vibration and improve wear
- Enhanced I cleaning
- Reduced stubble damage

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
4RV479	420/90R30	Revolution	TL	142A8/B	23	30	5840	13	16.6	57.8	26.3	172	273	306	64

*See Approved Rim Contours section

Titan Grizz LSW AG49H Radial R-1W

- Patented wheel and tire assembly designed to reduce vehicle bounce, loping and power hop
- Features low aspect ratio tire and a large diameter wheel for greater lateral stability

Titan Grizz LSW AG49M Radial R-1W

- Largest drive wheel radial tire in the industry
- Reduces vehicle bounce, loping and power hop
- Low aspect ratio for stability

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
G9H479	LSW430R38	LSW AG49H	TL	144A8/B	36	30	6,150	14	16.9	58.6	26.5	177	190E	266	60
G9H852	LSW525R50	LSW AG49H	TL	155A8/B	24	30	8,550	18	20.8E	76.6E	34.9E	225E	422E	478	66
G8M716	LSW1100R46	LSW AG49M	TL	177A8/B	23	30	16,100	38	43.3	85	38.9	251	780	1274	77
G9M7W8	LSW900/50R46	LSW AG49M	TL	181A8/B	46	30	18,200	30	34E	81.4E	36.7E	245E	524E	1044	74

*See Approved Rim Contours section

Titan Special Service R-2

- At its best in muddy, sticky soil conditions
- Curved lugs prevent mud clogging while adding traction and side hill slip resistance

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
47B628	13.6-38	Special Service	TT	6	22	25	3,300	12	14.3	61.9	28.9	186	241E	177	78
47B638	14.9-28	Special Service	TT	6	20	25	3,200	13	15.6	54.7	25.1	165	180E	166	89
48B638	14.9-28	Special Service	TL	6	20	25	3,200	13	15.6	54.7	25.1	165	180E	178	89
47B674	15.5-38	Special Service	TT	6	20	25	3,520	14	15.9	64.2	29.9	193	172E	226	85
48B646	16.9-26	Special Service	TL	6	18	25	3,520	15	17.5	55.5	25.2	167	200E	217	96
48B046	16.9-26	Special Service	TL	10	28	25	4,540	15	17.5	55.5	25.2	167	200E	233	96
48B656	18.4-26	Special Service	TL	6	16	25	3,960	16	18.8	57.5	26.1	173	236E	253	98
48B056	18.4-26	Special Service	TL	10	26	25	5,200	16	18.8	57.5	26.1	173	236E	275	98
48B556	18.4-26	Special Service	TL	16	42	25	6,950	16	18.8	57.5	26.1	173	236E	283	98
48B650	18.4-30	Special Service	TL	6	16	25	4,180	16	18.9	62.7	28.6	188	277E	318	99
48B050	18.4-30	Special Service	TL	10	26	25	5,520	16	18.9	62.7	28.6	188	277E	342	99
47B654	18.4-34	Special Service	TT	6	16	25	4,400	16	18.9	66	30.3	198	290E	278	99
48B154	18.4-34	Special Service	TL	12	32	25	6,600	16	18.9	66.0	30.3	198	290E	325	99
47B877	18.4-38	Special Service	TT	8	20	25	5,360	16	18.6	70.2	32.3	210	300E	324	99
48B077	18.4-38	Special Service	TL	10	26	25	6,400	16	18.6	70.2	32.3	210	300E	373	99
47B889	20.8-38	Special Service	TT	8	18	25	6,150	18	20.2	72.8	33.4	218	385E	385	104
47B089	20.8-38	Special Service	TT	10	22	25	6,950	18	20.2	72.8	33.4	218	385E	393	104
48B389	20.8-38	Special Service	TL	14	32	25	8,550	18	20.2	72.8	33.4	218	385E	502	104
48BD89	20.8-38	Special Service	TL	28	64	25	12,800	18	20.2	72.8	33.4	218	385E	552	104
47B886	23.1-26	Special Service	TT	8	16	25	5,680	20	23	65.2	29.3	194	291E	393	109
48B086	23.1-26	Special Service	TL	10	20	25	6,400	20	23	65.2	29.3	194	291E	427	109
47B882	23.1-30	Special Service	TT	8	16	25	6,000	20	23.5	68.6	31	205	298E	403	109
47B888	23.1-34	Special Service	TT	8	16	25	6,400	20	23.5	72.6	33	216	310E	413	109
48B188	23.1-34	Special Service	TL	12	24	25	8,050	20	23.5	72.6	33	216	310E	462	109
47B099	24.5-32	Special Service	TT	10	20	25	7,850	21	24.5	72.1	32.6	215	320E	514	112
48B599	24.5-32	Special Service	TL	16	30	25	9,900	21	24.5	72.1	32.6	215	320E	574	112
48B198	28L-26	Special Service	TL	12	20	25	7,400	25	28.4	64.3	28.9	192	408E	505	109
48B096	30.5L-32	Special Service	TL	10	16	25	8,250	27	29.8	73.4	33.2	218	500E	648	113
48B196	30.5L-32	Special Service	TL	12	20	25	9,350	27	29.8	73.4	33.2	218	500E	692	113
48B396	30.5L-32	Special Service	TL	14	22	25	9,900	27	29.8	73.4	33.2	218	500E	694	113

*See Approved Rim Contours section

Radial R-3 Titan


TORC TRAC


TORC TRAC II

Titan Torc Trac Radial R-3

- Minimizes ground disturbance with its wide, flat footprint and deep grooves
- Performance proven as an original equipment tire

Titan Torc Trac II Radial R-3

- Features radial construction for reduced rolling resistance, increased footprint area and reduced fuel consumption

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
48G556	18.4R26	Torc Trac Radial	TL	146A8/B	32	30	6,600	16	19.1	55.4	24.7	166	224E	283	29
48G686	23.1R26	Torc Trac II Radial	TL	161A8/B	42	30	10,200	20	22.8	59.6	26.8	175	245	449	31
48G798	28LR26	Torc Trac II Radial	TL	174A8/B	54	30	14,800	25	28	62.6	27.8	184	419	511	30
48G796	30.5LR32	Torc Trac II Radial	TL	181A8/B	52	30	18,200	27	30	69.8	31.7	209	572	732	37

*See Approved Rim Contours section

Bias R-3 Titan


TORC TRAC


TORC TRAC II


MULTI TRAC

Titan Torc Trac R-3

- Minimizes ground disturbance with its wide, flat footprint and deep grooves
- Performance proven as an original equipment tire

Titan Torc Trac II R-3

- This rugged tire minimizes ground disturbance with a button tread pattern that offers good performance on vibratory rollers and combine applications

Titan Multi Trac R-3

- Greater tread depth and more rubber on the contact surface to provide increased puncture resistance and longer tire life
- Shoulder design minimizes turf damage

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
475412	12.4-28	Torc Trac II	TT	4	16	25	1,980	11	12.9	47.5	22.1	141	145E	87	22
475612	12.4-28	Torc Trac II	TT	6	24	25	2,540	11	12.9	47.5	22.1	141	145E	94	22
485363	12-16.5NHS	Torc Trac	TL	8	50	20	3,270	9.75	11.8	33.1	14.9	98	110E	74	23
4853J7	12-16.5NHS	Torc Trac	TL	10	65	20	3,810	9.75	11.8	33.1	14.9	98	110E	75	23
474381	13.6-16	Multi Trac	TL	4	14	30	1,570	12	15.4	38.1	17	113	100E	101	24
4743WO	13.6-16	Multi Trac	TL	8	28	30	2,340	12	15.4	38.1	17	113	100E	94	24
4743L4	13.6-16	Multi Trac	TL	14	50	30	3,300	12	14.3	39.5	17	110	113	115	24
485424	13.6-28	Torc Trac II	TL	4	14	25	2,200	12	14	50.8	23.5	151	160E	108	24
475624	13.6-28	Torc Trac II	TT	6	22	25	2,830	12	14	50.8	23.5	151	160E	103	24
475634	14.9-24	Torc Trac	TT	6	20	25	3,000	13	15.2	48.4	21.2	144	157E	134	27
485634	14.9-24	Torc Trac	TL	6	20	25	3,000	13	15.5	48.4	212.2	144	157E	147	27
485834	14.9-24	Torc Trac	TL	8	26	25	3,520	13	15.2	48.4	21.2	144	157E	147	27
485034	14.9-24	Torc Trac	TL	10	32	25	3,960	13	15.2	48.4	21.2	144	157E	160	27
4853X3	33x15.50-16.5NHS	Torc Trac	TL	12	60	5	6,600	12	14.2	32.8	14.7	98	128	94	23
4853R9	33x15.50-16.5NHS	Torc Trac	TL	14	70	5	7,150	12	14.2	32.8	14.7	98	128	94	23
485645	16.9-24	Torc Trac	TL	6	18	25	3,420	15	17.7	51.4	22.9	151	196E	163	28

Titan Bias R-3

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
485845	16.9-24	Torc Trac	TL	8	24	25	4,080	15	17.7	51.4	22.9	151	196E	163	28
485045	16.9-24	Torc Trac	TL	10	28	25	4,400	15	17.7	51.4	22.9	151	196E	178	28
485345	16.9-24	Torc Trac	TL	14	40	25	5,520	15	17.7	51.4	22.9	151	196E	184	28
485690	18.4-16.1	Torc Trac	TL	6	16	25	2,540	16	19.3	43.2	19.3	128	135E	141	29
485056	18.4-26	Torc Trac	TL	10	26	25	5,200	16	19.1	55.8	25.4	165	224E	249	29
485156	18.4-26	Torc Trac	TL	12	32	25	5,840	16	19.1	55.8	25.4	165	224E	255	29
485756	18.4-26	Torc Trac	TL	18	46	25	7,400	16	19.1	55.8	25.4	165	224E	267	29
48A886	23.1-26	Torc Trac II	TL	8	16	25	5,680	20	22.8	59.6	26.8	175	394E	291	31
48A086	23.1-26	Torc Trac II	TL	10	20	25	6,400	20	22.8	59.6	26.8	175	394E	309	31
48A586	23.1-26	Torc Trac II	TL	16	34	25	8,800	20	22.8	59.6	26.8	175	394E	337	31
475886	23.1-26	Torc Trac	TT	8	16	25	5,680	20	24	61.7	27.8	182	394E	314	35
485086	23.1-26	Torc Trac	TL	10	20	25	6,400	20	24	61.7	27.8	182	394E	334	35
485186	23.1-26	Torc Trac	TL	12	24	25	7,150	20	24	61.7	27.8	182	394E	367	35
485199	24.5-32	Torc Trac II	TL	12	24	25	8,800	21	24.2	69.9	32.4	211	327E	441	35
485599	24.5-32	Torc Trac II	TL	16	30	25	11,000	21	24.2	69.9	32.4	211	327E	441	35
485198	28L-26	Torc Trac II	TL	12	20	25	7,400	25	28	62.6	27.8	184	443E	435	30
485598	28L-26	Torc Trac II	TL	16	28	25	9,100	25	28	62.6	27.8	184	443E	470	30
485196	30.5L-32	Torc Trac II	TL	12	20	25	9,350	27	29.5	70.5	32	209	564E	530	37
485596	30.5L-32	Torc Trac II	TL	16	26	25	11,000	27	29.5	70.5	32	209	564E	561	37

*See Approved Rim Contours section

Titan Bias R-4

Titan Grizz LSWG9F R-4

- This LSW low profile tire is designed to reduce bounce and road lope as well as better sway-action recovery, while using 25-30% less urethane than a standard tire

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
G9F161	LSW495-762	LSW G9F	TL	12	34	25	7,600	15	19	51.6	24	155	230	230	34

*See Approved Rim Contours section

Titan Industrial Tractor Lug R-4
Titan Industrial Contractor R-4

- Extra wide lugs with extensive overlap at the center, designed to resist buckling, tearing and cracking
- Excellent tread wear and roadability, the laterally designed lugs result in even wear

Titan Industrial Tractor Lug II R-4

- Features increased contact area for better traction and superior compound for improved abrasion resistance

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
486634	14.9-24	Industrial Tractor	TL	6	24	25	4,300	13	15.3	48.1	22	143	140E	147	34
486834	14.9-24	Industrial Tractor	TL	8	30	25	5,080	13	15.3	48.1	22	143	140E	147	34
486034	14.9-24	Industrial Tractor	TL	10	36	25	5,680	13	15.3	48.1	22	143	140E	163	34
486134	14.9-24	Industrial Tractor	TL	12	42	25	6,400	13	15.3	48.1	22	143	140E	167	34
4866T2	420/70-24	Industrial Tractor	TL	6	20	25	3,960	13	16.5	46.4	21.1	137	165E	155	35
486845	16.9-24	Industrial Tractor	TL	8	28	25	5,840	15	17.4	50.6	23	153	194E	167	35
486045	16.9-24	Industrial Tractor	TL	10	32	25	6,400	15	17.4	50.6	23	153	194E	173	35
486145	16.9-24	Industrial Tractor	TL	12	38	25	7,150	15	17.4	50.6	23	153	194E	177	35
486345	16.9-24	Industrial Tractor	TL	14	44	25	7,850	15	17.4	50.6	23	153	194E	180	35
486848	16.9-28	Industrial Tractor	TL	8	28	25	6,150	15	17.4	54.6	25	162	223E	180	34
486048	16.9-28	Industrial Tractor	TL	10	32	25	6,800	15	17.4	54.6	25	162	223E	195	34
486148	16.9-28	Industrial Tractor	TL	12	38	25	7,600	15	17.4	54.6	25	162	223E	201	34
486003	17.5L-24	Industrial Tractor	TL	10	32	25	6,150	15	17.1	48.8	22.3	145	192E	167	32
486103	17.5L-24	Industrial Tractor	TL	12	36	25	6,600	15	17.1	48.8	22.3	145	192E	173	32
4D6003	17.5L-24	Industrial Contractor	TL	10	32	25	6,150	15	17.1	48.8	22.3	145	192E	167	32
486603	17.5L-24	Industrial Tractor	TL	6	20	25	4,400	15	17.1	48.8	22.3	145	192E	153	32
486803	17.5L-24	Industrial Tractor	TL	8	26	25	5,360	15	17.1	48.8	22.3	145	192E	153	32
4D6603	17.5L-24	Industrial Contractor	TL	6	20	25	4,400	15	17.1	48.8	22.3	145	192E	153	32
4D6103	17.5L-24	Industrial Contractor	TL	12	36	25	6,600	15	17.1	48.8	22.3	145	192E	173	32
486864	18.4-24	Industrial Tractor	TL	8	24	25	6,400	16	18.8	53.8	24.4	160	246E	196	35
486164	18.4-24	Industrial Tractor	TL	12	36	25	8,250	16	18.8	53.8	24.4	160	246E	218	35
486056	18.4-26	Industrial Tractor	TL	10	30	25	7,600	16	18.8	55.8	25.1	166	252E	239	35
486156	18.4-26	Industrial Tractor	TL	12	36	25	8,800	16	18.8	55.8	25.1	166	252E	239	35
486058	18.4-28	Industrial Tractor	TL	10	30	25	7,850	16	18.8	57.8	26.4	172	256E	225	35
49F161	19.5L-24	Industrial Tractor II	TL	12	34	25	7,600	17	19	51.6	24	155	206E	209	34
49F561	19.5L-24	Industrial Tractor II	TL	16	44	25	9,100	17	19	51.6	24	155	206E	215	34
486861	19.5L-24	Industrial Tractor	TL	8	24	25	6,000	17	19.1	51.8	23.5	154	206E	190	34
486061	19.5L-24	Industrial Tractor	TL	10	28	25	6,600	17	19.1	51.8	23.5	154	206E	204	34
486161	19.5L-24	Industrial Tractor	TL	12	34	25	7,600	17	19.1	51.8	23.5	154	206E	209	34
486075	21L-24	Industrial Tractor	TL	10	26	25	7,400	18	21	54.3	24.6	161	238E	251	35
486175	21L-24	Industrial Tractor	TL	12	32	25	8,550	18	21	54.3	24.6	161	238E	251	35
486076	21L-28	Industrial Tractor	TL	10	22	25	5,080	18	21	58.3	26.6	173	260E	305	36
486176	21L-28	Industrial Tractor	TL	12	28	25	5.840	18	21	58.3	26.6	173	260E	313	36
486376	21L-28	Industrial Tractor	TL	14	36	25	9,900	18	21	58.3	26.6	173	260E	337	36

*See Approved Rim Contours section

Titan Radial R-1

Titan Tru-Trac Front Tractor F-1

- Penetrates deep into soil for maximum steering control and minimal lateral side-slip because of its high center rib
- Used by original equipment manufacturers and offers excellent durability

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4602U4	12.4-30SL	Single Rib	TL	10	40	25	3,520	12	13.5	53.5	24.5	159	na	117	na

*See Approved Rim Contours section

Titan Bias F-2/F-2M

Titan Tru-Trac F-2

- Penetrates deep into soil for maximum steering control and minimal lateral side-slip because of its high center rib
- Used by original equipment manufacturers and offers excellent durability

Titan Tru-Trac Multi Rib F-2M

- Best for handling heavy loads on hard-packed surfaces
- Offers excellent load distribution and flotation
- Features a nylon carcass, durable tread compound and bead rim shield

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
461229	4.00-12SL	Tru-Trac	TT	4	52	25	495	3	5	21.3	10	64	15E	12	15
461329	4.00-12SL	Tru-Trac	TL	4	52	25	495	3	5	21.3	10	64	15E	11	15
461230	4.00-15SL	Tru-Trac	TT	4	52	25	585	3	4.6	24.6	11.6	73	17E	12	14
461233	4.00-19SL	Tru-Trac	TT	4	52	25	715	3	4.6	28.8	13.7	86	19E	14	14
462235	5.00-15SL	Tru-Trac	TT	4	44	25	715	3	5.5	26	12.2	77	25E	14	16
462335	5.00-15SL	Tru-Trac	TL	4	44	25	715	3	5.5	26	12.2	77	25E	16	16
462334	5.00-15SL	Tru-Trac	TL	6	64	25	910	3	5.5	26	12.2	77	25E	17	16
462238	5.50-16SL	Tru-Trac	TT	4	40	25	855	4	6.3	27.9	13.1	83	29E	17	17
462338	5.50-16SL	Tru-Trac	TL	4	40	25	855	4	6.3	27.9	13.1	83	29E	19	17
462239	5.50-16SL	Tru-Trac	TT	6	56	25	1,050	4	6.3	27.9	13.1	83	29E	19	17
462274	6.00-16SL	Tru-Trac	TT	4	36	25	910	4	6.7	29	13.6	86	36E	20	18
462275	6.00-16SL	Tru-Trac	TT	6	52	25	1,140	4	6.7	29	13.6	86	36E	21	18
462375	6.00-16SL	Tru-Trac	TL	6	52	25	1,140	4	6.7	29	13.6	86	36E	23	18
462281	6.50-16SL	Tru-Trac	TT	6	48	25	1,230	4.5	7.3	29.8	13.9	89	41E	24	20
462381	6.50-16SL	Tru-Trac	TL	6	48	25	1,230	4.5	7.3	29.8	13.9	89	41E	26	20
462283	7.50-16SL	Tru-Trac	TT	6	44	25	1,480	5.5	8.6	31.6	14.7	94	48E	29	23
462383	7.50-16SL	Tru-Trac	TL	6	44	25	1,480	5.5	8.6	31.6	14.7	94	98E	32	23
462284	7.50-16SL	Tru-Trac	TT	8	56	25	1,710	5.5	8.6	31.6	14.7	94	48E	32	23
466383	7.50-16SL	Tru Trac Multi Rib	TL	6	44	25	1,480	5.5	8.6	31.3	14.6	93	34E	36	21
462278	7.50-18SL	Tru-Trac	TT	6	44	25	1,610	5.5	8.6	33.9	15.8	101	52E	34	23
462393	7.50-20SL	Tru-Trac	TL	6	44	25	1,710	5.5	8.6	35.8	16.8	107	57E	45	23
462290	7.5L-15SL	Tru-Trac	TT	6	44	25	1,430	6	8.1	29.3	13.6	87	33E	28	24

Bias F-2/F-2M Titan

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
462390	7.5L-15SL	Tru-Trac	TL	6	44	25	1,430	6	8.1	29.3	13.6	87	33E	30	24
462244	9.5L-15SL	Tru-Trac	TT	8	48	25	1,870	7	9.9	31.5	14.6	93	53E	42	27
466343	9.5L-15SL	Tru Trac Multi Rib	TL	6	36	25	1,520	7	9.9	31.5	14.6	93	53E	47	27
462343	9.5L-15SL	Tru-Trac	TL	6	36	25	1,520	7	9.9	31.5	14.6	93	53E	42	27
462294	10.00-16SL	Tru-Trac	TT	6	32	25	1,930	8	10.8	35.6	16.4	105	67E	49	30
462394	10.00-16SL	Tru-Trac	TL	6	32	25	1,930	8	10.8	35.6	16.4	105	67E	52	30
466394	10.00-16SL	Tru Trac Multi Rib	TL	6	32	25	1,930	8	11.2	35.5	16.4	105	67E	56	28
466298	10.00-16SL	Tru Trac Multi Rib	TT	8	44	25	2,340	8	11.2	35.5	16.4	105	67E	56	28
462398	10.00-16SL	Tru-Trac	TL	8	44	25	2,340	8	10.8	35.6	16.4	105	67E	55	30
466398	10.00-16SL	Tru Trac Multi Rib	TL	8	44	25	2,340	8	11.2	35.5	16.4	105	67E	59	28
462295	11.00-16SL	Tru-Trac	TT	8	40	25	2,600	10	12.3	38.3	17.6	113	75E	73	33
462395	11.00-16SL	Tru-Trac	TL	8	40	25	2,600	10	12.3	38.3	17.6	113	75E	79	33
466295	11.00-16SL	Tru Trac Multi Rib	TT	8	40	25	2,600	10	12.7	38.1	17.5	112	84E	77	28
466396	11.00-16SL	Tru Trac Multi Rib	TL	12	60	25	3,420	10	12.7	38.1	17.5	112	84E	92	28
466395	11.00-16SL	Tru Trac Multi Rib	TL	8	40	25	2,600	10	12.7	38.1	17.5	112	84E	83	28
466347	11.00-20SL	Tru Trac Multi Rib	TL	12	60	25	3,860	10	12.4	41.5	19.2	123	85E	101	28
466348	11.00-24SL	Tru Trac Multi Rib	TL	8	40	25	3,420	10	12.4	45.5	21.2	155	90E	104	28
462218	11L-15SL	Tru-Trac	TT	8	44	25	2,090	8	10.8	32.1	14.9	95	53E	53	31
466318	11L-15SL	Tru Trac Multi Rib	TL	8	44	25	2,090	8	10.9	31.8	14.7	94	59E	57	27
462287	14L-16.1SL	Tru-Trac	TT	8	36	25	3,000	11	14.8	40	18.3	118	90E	97	44
466389	14L-16.1SL	Tru Trac Multi Rib	TL	10	44	25	3,420	11	14.4	38.4	17.6	113	100E	109	32
466352	16.5L-16.1SL	Tru Trac Multi Rib	TL	10	40	25	4,080	14	17.3	42.2	19.3	124	143E	160	36

*See Approved Rim Contours section

Bias F-3 Titan

Titan Contractor F-3

- Low section height design for loader backhoe applications
- Designed for excellent durability and good road handling characteristics

Titan Industrial Front Tractor F-3

- Designed for excellent durability
- Good road handling characteristics for industrial service

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
465318	11L-15SL	Contractor	TL	8	44	25	2,090	8	11	31.3	14.5	93	56E	53	15
465310	11L-15SL	Contractor	TL	10	52	25	2,340	8	11	31.3	14.5	93	56E	55	15
465315	11L-16SL	Contractor	TL	10	52	25	2,470	8	11	32.3	15	96	60E	56	15
465317	11L-16SL	Contractor	TL	12	64	25	2,760	8	11	32.3	15	96	60E	63	15
464396	11.00-16SL	Industrial Front Tractor	TL	12	60	25	3,420	10	12.2	36.1	16.6	107	82E	78	15
465388	14.5/75-16.1SL	Contractor	TL	10	40	25	3,200	11	13.7	35.5	16.4	105	120E	75	18
4653Q3	480/45-17	Contractor	TL	10	42	30	6,160	16	19.3	34	15.4	101	150E	86	na

*See Approved Rim Contours section

Titan Bias I-1


DURA LIFE


HI FLOTATION

Titan Dura Life I-1

- This popular OEM tire offers wide ribs for good ground contact and excellent treadwear
- Straight ahead directional control is maximized with a series of straight circumferential grooves and ribs

Titan Hi Flotation I-1

- Noted for its maximum flotation
- Features wide tread design, large footprint, deep grooves and low section height design


PACKER


PLANTER AG41B

Titan Packer I-1

- Developed for the latest air seeders to firm the soil after the seed has been put into place
- This tire can operate at inflation pressures of 6 to 45 PSI, depending on soil conditions

Titan Planter AG41B I-1

- Designed to minimize seed bed compaction
- Open center and ribs at tread edge straddle seed placement location
- Features one rib in each shoulder

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
418277	4.00-12SL	Dura Life	TT	4	44	30	675	3	5	20.4	9.5	60	na	7	5
418249	4.00-9SL	Dura Life	TT	4	44	30	550	3	4.8	17.4	7.9	51	na	5	5
41M353	5.90-15SL#	Dura Life	TL	4	36	30	1,140	4.5	6.3	26.6	12.1	79	na	17	7
418353	5.90-15SL	Dura Life	TL	4	36	30	1,140	4.5	6.3	26.6	12.1	79	na	17	7
418381	6.50-16SL	Dura Life	TL	6	44	30	1,710	4.5	6.9	28.7	13	85	na	24	7
418367	6.70-15SL	Dura Life	TL	4	32	30	1,280	4.5	7	28.3	12.8	84	na	21	7
418388	6.70-15SL	Dura Life	TL	6	44	30	1,610	4.5	7	28.3	12.8	84	na	21	7
41M388	6.70-15SL#	Dura Life	TL	6	44	30	1,610	4.5	7	28.3	12.8	84	na	21	7
418384	7.50-16SL	Dura Life	TL	8	48	30	2,340	5.5	8.4	31	13.9	92	na	32	8
41A3X7	7.50-20SL	Planter	TL	8	48	30	2,540	5.5	8.1	34.9	16.4	104	na	46	18
418336	7.60-15SL	Dura Life	TL	6	40	30	1,760	5.5	8.1	28.5	12.8	84	na	25	8
418337	7.60-15SL	Dura Life	TL	8	52	30	2,090	5.5	8.1	28.5	12.8	84	na	27	8
410389	8.5L-14SL	Hi Flotation	TL	6	36	30	1,870	6	8.6	28.6	12.8	84	na	28	11
418348	9.00-16SL	Dura Life	TL	10	52	30	3,300	6	9.3	32.7	14.6	96	na	44	10
4183J8	9.00-24SL	Dura Life	TL	8	40	30	3,520	8	10.5	42.3	19.2	125	na	68	10
41M3J8	9.00-24SL #	Dura Life	TL	8	40	30	3,520	8	10.5	42.3	19.2	125	na	68	10
410298	9.5L-14SL	Hi Flotation	TT	6	32	30	1,930	7	9.8	29.2	13	86	na	26	11
410398	9.5L-14SL	Hi Flotation	TL	6	32	30	1,930	7	9.8	29.2	13	86	na	28	11
410399	9.5L-14SL	Hi Flotation	TL	8	44	30	2,400	7	9.8	29.2	13	86	na	31	11
410343	9.5L-15SL	Hi Flotation	TL	6	32	30	2,040	7	9.8	30.2	13.5	89	na	32	11
4103D7	9.5L-15SL	Hi Flotation	TL	12	64	30	3,200	7	9.8	30.2	13.5	89	na	37	11
410344	9.5L-15SL	Hi Flotation	TL	8	44	30	2,470	7	9.8	30.2	13.5	89	na	35	11
4183L1	10.00-15SL	Dura Life	TL	8	40	25	3,200	8	10.9	33.5	14.8	99	na	50	11
4183K7	11.25-24SL	Dura Life	TL	8	32	30	4,080	10	12.6	45.7	20.6	135	na	93	11
410364	11L-14SL	Hi Flotation	TL	6	28	30	2,040	8	10.7	30	13.3	88	na	32	11
410314	11L-15SL	Hi Flotation	TL	6	28	30	2,150	8	10.8	31	13.3	92	na	35	11
41L318	11L-15SL#	Hi Flotation	TL	8	36	30	2,540	8	10.8	31	13.3	92	na	39	11
410319	11L-15SL	Hi Flotation	TL	10	44	30	2,910	8	10.8	31	13.3	92	na	46	11
410317	11L-15SL	Hi Flotation	TL	12	52	30	3,200	8	10.8	31	13.3	92	na	50	11
41L315	11L-15SL#	Hi Flotation	TL	18	80	30	4,180	8	10.8	31	13.3	92	na	60	11

Stubble Guard Tread Compound

Bias I-1 Titan

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
410318	11L-15SL	Hi Flotation	TL	8	36	30	2,540	8	10.8	31	13.3	92	na	39	11
410340	12.5L-15SL	Hi Flotation	TL	8	36	30	3,000	10	12.1	32.1	14.3	95	na	52	11
41L305	12.5L-15SL#	Hi Flotation	TL	12	52	30	3,860	10	12.1	32.1	14.3	95	na	54	11
41L327	12.5L-15SL#	Hi Flotation	TL	20	80	30	5,080	10	12.1	32.1	14.3	95	na	69	11
410341	12.5L-15SL	Hi Flotation	TL	10	44	30	3,420	10	12.1	32.1	14.3	95	na	51	11
410305	12.5L-15SL	Hi Flotation	TL	12	52	30	3,860	10	12.1	32.1	14.3	95	na	54	11
41L353	12.5L-16SL#	Hi Flotation	TL	14	56	30	4,180	10	11.9	31.9	14.3	95	na	57	11
41L3L2	14L-16.1SL#	Hi Flotation	TL	14	52	30	5,200	11	14.8	37.4	16.5	110	na	94	12
410368	14L-16.1SL	Hi Flotation	TL	8	32	30	3,860	11	14.8	37.4	16.5	110	na	74	12
41L368	14L-16.1SL#	Hi Flotation	TL	8	32	30	3,860	11	14.8	37.4	16.5	110	na	74	12
410350	16.5L-16.1SL	Hi Flotation	TL	10	36	30	5,200	14	17.1	40.9	18	120	na	107	14
41L350	16.5L-16.1SL#	Hi Flotation	TL	10	36	30	5,200	14	17.1	40.9	18	120	na	107	14
4103L1	16.5L-16.1SL	Hi Flotation	TL	14	48	30	6,400	14	17.1	40.9	18	120	na	119	14
410348	16.5L-16.1SL	Hi Flotation	TL	8	28	30	4,400	14	17.1	40.9	18	120	na	106	14
4103H7	19L-16.1SL	Hi Flotation	TL	10	32	30	6,000	16	19.1	43.6	18.9	127	na	136	17
4105H7	19L-16.1SL	Hi Flotation	TL	12	36	30	6,600	16	19.1	43.6	18.9	127	na	147	17
41M356	20.5/5.5-12#	Packer	TL	4	36	30	740	4	5.8	20.6	9.4	61	na	14	8
4103A9	21.5L-16.1SL	Hi Flotation	TL	6	16	30	4,400	18	21.4	45	19.9	135	na	172	17
410349	21.5L-16.1SL	Hi Flotation	TL	10	28	30	6,600	18	21.4	45	19.9	135	na	184	17
4103J1	21.5L-16.1SL	Hi Flotation	TL	14	36	30	7,850	18	21.4	45	19.9	135	na	191	17
4103Q4	21.5L-16.1SL	Hi Flotation	TL	18	44	30	8,800	18	21.4	45	19.9	135	na	196	17
41M355	26/6.50-15#	Packer	TL	4	45	30	1,400	4.5	6.5	26.4	12.1	78	na	26	11
41M32T	26/7.75-15#	Packer	TL	4	45	30	1,610	4.5	6.5	26.4	12.1	78	na	29	11
410361	26x12.00-12NHS	Hi Flotation	TL	4	20	10	1,760	8	11.7	25.5	11	77	na	31	12

*See Approved Rim Contours section
Stubble Guard Tread Compound

Titan Stubble Guard I-1

- Kevlar® breakers
- Heavy duty carcass
- Higher ply ratings
- Premium tread compound
- Reduced stubble punctures
- Reduce stubble penetrations
- Enhanced load capacity
- Reduced stubble damage

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
SBG3D9	9.5L-15SL	Hi Flotation	TL	16	80	30	3,640	7	9.2	30.4	13.4	90	43	48	11
SBG366	10.00-15SL	Dura Life	TL	16	72	30	4,680	8	11	34	15	100	68	63	11
SBG315	11L-15SL	Hi Flotation	TL	18	80	30	4,180	8	10.5	30.3	13.4	89	52	62	11
SBG327	12.5L-15SL	Hi Flotation	TL	20	80	30	5,080	10	12.3	31.8	14	93.5	71	72	11

*See Approved Rim Contours section

Kevlar is a registered tradmark of the DuPont™ Company

Titan Grizz LSW 410/411 I-1

- Patented wheel and tire assembly designed to reduce vehicle bounce, reduce loping and provides excellent stability on towed implements

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
G1L3L1	LSW420-648	LSW 410	TL	14	48	30	6,400	356	15.2	40.2	18.7	120	na	120	14
G1L350	LSW420-648	LSW 410	TL	10	36	30	5,200	356	15.2	40.2	18.7	120	na	109	14

*See Approved Rim Contours section

CONTRACTOR

CONTRACTOR II

Titan Contractor I-3

- An implement tire specially designed for high traction applications
- Frequently used on the front of backhoes, this tire is available in 10-ply construction

Titan Contractor II I-3

- A new, more robust design for use on the front of large backhoes

TI422

TRACTION IMPLEMENT

Titan TI422 I-3

- Designed for low horsepower traction requirements, the Traction Implement offers good roadability and excellent durability

Titan Traction Implement I-3

- Designed for low horsepower traction requirements, the Traction Implement offers good roadability and excellent durability

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
422303	7.50-20SL	Traction Implement	TL	4	28	30	1,760	5.5	8.1	34.9	15.9	104	na	38	17
422204	7.50-24SL	Traction Implement	TT	4	28	30	1,870	7	8.7	38.9	17.9	115	na	41	17
46W3X8	10.5/80-18	Contractor	TL	6	33	25	2,830	9	10.8	35.7	16.5	109	na	72	29
46W3J8	10.5/80-18	Contractor	TL	10	54	25	3,840	9	10.8	35.7	16.5	109	na	73	29
46W3J9	12.5/80-18	Contractor	TL	10	46	25	4,710	9	12	38.8	17.4	114	na	104	31
4223J9	12.5/80-18	TI422	TL	10	46	25	4,710	9	12	38.8	17.4	114	na	92	34
42E3J9	12.5/80-18	Contractor II	TL	10	46	25	4,710	9	12	39.1	18	117	na	94	32
42E3T7	12.5/80-18	Contractor II	TL	12	56	25	5,360	9	12	39.1	18	117	na	95	32
499505	13.50-16.1SL	Traction Implement	TL	6	24	30	3,520	11	13.5	40.8	17.8	120	na	85	23
4223M2	16.5L-16.1SL	TI422	TL	6	24	30	3,960	14	16.5	40	17.7	117	na	98	26
4223W6	16.5L-16.1SL	TI422	TL	10	36	30	5,200	14	16.5	40	17.7	117	na	109	26
4223M3	21.5L-16.1SL	TI422	TL	8	24	30	6,000	18	20.3	44.6	19.6	132	na	156	35

*See Approved Rim Contours section

Titan Grizz LSW G2E I-3

- Designed for the front position of large backhoes
- This LSW size can replace the popular 12.5/80-18 front backhoe tire, yet gives LSW stability

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
G2E3T7	LSW320-597	LSW G2E	TL	12	56	25	5,360	9	12	39.1	18	117	na	115	32

*See Approved Rim Contours section

Bias FI Titan

Titan Highway Implement FI

- Offers D.O.T. compliance for approved operation at highway speeds
- Noted for its great handling and towing characteristics

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
41H313	9.5L-15FI	Highway Implement	TL	D	60	Highway	2,680	8	9.8	30.2	13.5	89	na	38	11
41H3A3	9.5L-15FI	Highway Implement	TL	F	90	Highway	3,420	8	9.8	30.2	13.5	89	na	47	11
41H3L1	10.00-15FI	Highway Implement	TL	D	60	Highway	3,960	8	11.2	34.1	15.3	101	67	49	11
41H383	11L-15FI	Highway Implement	TL	C	45	Highway	2,600	8	10.6	31.1	13.8	92	na	39	11
41H386	11L-15FI	Highway Implement	TL	D	60	Highway	3,080	8	10.6	31.1	13.8	92	na	43	11
41H392	11L-15FI	Highway Implement	TL	F	90	Highway	3,960	8	10.6	31.1	13.8	92	na	51	11
41H387	12.5L-15FI	Highway Implement	TL	F	90	Highway	4,680	10	12.1	32.1	14.3	95	na	62	11
41H382	13.50-15FI	Highway Implement	TL	C	30	Highway	2,680	10	13.5	31.8	14.4	96	na	58	11
41H3D0	13.50-15FI	Highway Implement	TL	D	45	Highway	3,300	10	13.5	31.8	14.4	96	na	62	11
41H3K0	13.50-15FI	Highway Implement	TL	E	60	Highway	3,960	10	13.5	31.8	14.4	96	na	70	11
41H3F0	13.50-15FI	Highway Implement	TL	F	75	Highway	4,540	10	13.5	31.8	14.4	96	na	75	11
41H388	14L-16.1FI	Highway Implement	TL	C	30	Highway	3,420	11	14.2	37.5	16.7	112	na	79	12
41H3E0	16.5L-16.1FI	Highway Implement	TL	E	60	Highway	6,450	14	17.2	41	18.2	121	146	109	11

*See Approved Rim Contours section

Bias Smooth Titan

Titan Road Roller/Road Roller II Smooth

- Constructed of superior heat resistant nylon fabric plies to promote heat dissipation
- Designed for maximum life, this tire is frequently the tire of choice for industrial compactor applications

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.	
3GR256F	7.50-15NHS	Road Roller II	TT	6	55	5	3,900	6	8.1	30.8	14.1	92	na	46	0	#
3GR252F	7.50-15NHS	Road Roller II	TT	12	110	5	5,860	6	8.1	30.8	14.1	92	na	56	0	#
3GR2E1F	7.50-15NHS	Road Roller II	TT	14	125	5	6,300	6	8.1	30.8	14.1	92	na	56	0	#
3GR3A2	8.5/90-15K	Road Roller II	TL	6	50	5	3,900	6	8.1	30.9	13.7	90	na	47	0	#
38R222F	9.00-20NHS	Road Roller	TT	12	90	5	8,950	7	10.2	39.8	18	117	na	115	0	
38R283F	11.00-20NHS	Road Roller	TT	18	120	5	13,000	8	12.1	41.7	18.8	122	na	187	0	

*See Approved Rim Contours section

#Tire rim fitment for these tires are not interchangeable. The 15K tire will only fit on a 5˚ drop center rim. The NHS tire is designed to fit on a 5˚ flat base rim. The 8.5/90-15K size designation was established to advise of this distinction.

Titan Bias & Radial HF-1/HF-2


FLO-TRAC RIB


MULTI TRAC C/S

Titan Flo-Trac Rib HF-1

- Designed for maximum flotation and durability
- Low section height gives it improved handling
- Open curved lug design allows for maximum self-cleaning and side hill slip resistance

Titan Multi Trac C/S HF-1

- Greater tread depth and more rubber on the contact surface to provide increased puncture resistance and longer tire life
- Shoulder design minimizes turf damage


CLASSIC RIB


CLASSIC TX

Titan Classic Rib HF-1

- Specifically designed to reduce turf damage
- Good front end tire sporting a long-lasting, high performance rating

Titan Classic TX HF-1

- Landscaping projects, mowing and general grounds work are easily accomplished with this rugged tire, designed to take abuse
- Wide footprint endures heavy loads and provides stability and traction

Titan Soft Turf/LSW and LSW 430 HF-1

- Designed for low ground pressure use
- Ideal for fine lawn maintenance and can also be used for industrial applications
- Available in LSW
- The radial LSW430 is a patented wheel and tire assembly designed to reduce vehicle bounce, loping and sidewall heat build-up
- LSW430 features a low aspect ratio tire and a large diameter wheel


FLO-TRAC LUG


TRU POWER II

Titan Flo-Trac Lug HF-2

- Designed for maximum flotation and durability
- Features low section height for improved handling and roadability
- Open curved lug design allows for maximum self-cleaning and side hill slip resistance

Titan Tru Power II HF-2

- Ultimate deep-traction tire with a large contact area to provide the best traction
- A great performer on wet or dry surfaces
- Features a specially designed rim guard to keep debris from the bead seat area

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
474304	16x6.50-8NHS	Multi Trac	TL	4	28	10	620	5.375	6.4	15.8	7.1	48	na	9	9
4743Q1	16x6.50-8NHS	Multi Trac	TL	8	58	10	950	5.375	6.4	15.8	7.1	48	na	9	9
481331	18x8.50-8NHS	Classic TX	TL	4	22	Highway	815	7.00	8.1	17.8	7.8	51	na	13	11
483331	18x8.50-8NHS	Classic Rib	TL	4	22	Highway	815	7.00	8.4	17.6	7.7	51	na	12	7
4233U1	18x8.50-10NHS	Tru Power II	TL	4	22	10	830	7	7.8	18.5	8.8	56	na	15	16
4743U1	18x8.50-10NHS	Multi Trac	TL	4	22	10	830	7	8.2	17.9	8	53	na	12	10
474318	20X8.00-10NHS	Multi Trac	TL	4	24	10	895	6.5	8.1	19.9	8.9	59	na	19	10
4743X2	20X8.00-10NHS	Multi Trac	TL	8	62	10	1,550	6.5	8.1	20.1	9.1	59	na	20	10
4743F1	22x9.00-12NHS	Multi Trac	TL	4	20	10	1,110	7	8.4	21.8	9.5	63	na	19	12
474367	23x10.50-12NHS	Multi Trac	TL	4	20	10	1,340	8.5	10.4	22.6	10	65	na	26	12
474353	23x10.50-12NHS	Multi Trac	TL	6	32	10	1,760	8.5	10.4	22.6	10	65	na	27	12
474301	23x8.50-12NHS	Multi Trac	TL	4	22	10	1,115	7	8.3	22.6	9.9	65	na	22	12

Bias & Radial HF-1/HF-2 Titan

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
474372	23x8.50-12NHS	Multi Trac	TL	6	34	10	1,440	7	8.3	22.6	10.2	66	na	22	12
474324	24x8.50-14NHS	Multi Trac	TL	4	22	10	1,230	7	8.5	24.2	10.2	72	na	20	11
4303N8	25x10.50LL-15NHS	Soft Turf	TL	6	30	30	935	8.25	10.4	25.7	11.8	76	na	33	12
41F393	25x7.50-15NHS	Flo Trac Rib	TL	4	30	30	960	5.5	7.8	24.9	11.6	74	na	23	8
41F378	25x7.50-15NHS	Flo Trac Rib	TL	6	45	30	1,220	5.5	7.8	24.9	11.6	74	na	24	8
474339	25x8.50-14NHS	Multi Trac	TL	4	22	10	1,320	7	8.5	24.9	11.1	74	na	26	11
474371	25x8.50-14NHS	Multi Trac	TL	6	32	10	1,640	7	8.5	24.9	11.1	74	na	26	11
423361	26x12.00-12NHS	Tru Power II	TL	4	20	10	1,780	10.5	12.3	25.6	12	77	na	42	20
423360	26x12.00-12NHS	Tru Power II	TL	8	42	10	2,740	10.5	12.3	25.6	12	77	na	44	20
474361	26x12.00-12NHS	Multi Trac	TL	4	20	10	1,780	10.5	12.2	25.2	10.9	73	na	38	12
474377	26x12.00-12NHS	Multi Trac	TL	6	30	10	2,250	10.5	12.2	25.2	10.9	73	na	37	12
4743H6	27x10.50-15NHS	Multi Trac	TL	4	30	30	1,320	8.5	10.2	26.9	12.3	82	na	39	12
4743E0	27x10.50-15NHS	Multi Trac	TL	10	75	30	2,200	8.5	10.2	26.9	12.3	82	na	42	12
4303M7	27x12LL-15NHS	Soft Turf	TL	6	30	30	1,320	10	12	27.5	12.2	85	na	36	10
474348	27x8.50-15NHS	Multi Trac	TL	4	30	30	1,230	7	8.4	26.7	12.3	79	na	30	11
474356	27x8.50-15NHS	Multi Trac	TL	6	45	30	1,570	7	8.4	26.7	12.3	79	na	30	11
41F394	27x9.50-15NHS	Flo Trac Rib	TL	4	30	30	1,260	7	9.5	26.7	12.3	79	na	27	9
41F395	27x9.50-15NHS	Flo Trac Rib	TL	6	45	30	1,600	7	9.5	26.7	12.3	79	na	31	9
41F306	27x9.50-15NHS	Flo Trac Rib	TL	8	60	30	1,900	7	9.5	26.7	12.3	79	na	33	9
474358	28x8.50-15NHS	Multi Trac	TL	6	30	30	1,430	7	8.4	28	12.6	84	na	23	11
4743L5	29x12.50-15NHS	Multi Trac	TL	4	20	30	1,320	10	12.2	29.1	13	87	na	46	12
4743D4	29x12.50-15NHS	Multi Trac	TL	6	30	30	1,710	10	12.2	29.1	13	87	na	45	12
47434A	31x13.50-15NHS	Multi Trac	TL	4	20	30	1,650	10	13.9	31.5	14.1	94	na	55	12
4743U2	31x13.50-15NHS	Multi Trac	TL	8	45	30	2,600	10	13.9	31.5	14.1	94	na	56	12
4743U3	31x13.50-15NHS	Multi Trac	TL	10	60	30	3,080	10	13.9	31.5	14.1	94	na	66	12
41F396	31x13.50-15NHS	Flo Trac Rib	TL	6	30	30	2,090	10	13.5	31.8	14.4	94	na	54	10
41N396	31x13.50-15NHS	Flo Trac Rib	TL	6	30	30	2,090	10	13.5	31.8	14.4	94	na	54	10
41F397	31x13.50-15NHS	Flo Trac Rib	TL	8	45	30	2,600	10	13.5	31.8	14.4	94	na	58	10
41N397	31x13.50-15NHS	Flo Trac Rib	TL	8	45	30	2,600	10	13.5	31.8	14.4	94	na	58	10
41N307	31x13.50-15NHS	Flo Trac Rib	TL	10	60	30	3,080	10	13.5	31.8	14.4	94	na	71	10
41N3U9	31x13.50-15NHS	Flo Trac Rib	TL	14	90	30	3,960	10	13.5	31.8	14.4	94	na	76	10
41G3A4	31x15.50-15NHS	Flo Trac Lug	TL	8	45	30	2,740	13	15.7	32.1	14.9	98	26	75	22
41G3H1	33x12.50-15NHS	Flo Trac Lug	TL	8	45	30	3,300	10	12.8	33.3	15	100	na	61	27
4743J0	33x12.50-16.5NHS	Multi Trac	TL	4	30	30	2,305	9.75	12.4	32.7	14.7	98	na	56	12
4743C4	33x14.50-15NHS	Multi Trac	TL	4	20	30	2,090	10	14.5	33.2	15.4	101	na	55	12
4233L0	35x12.00-16.5NHS	Tru Power II	TL	4	25	10	2,450	9.75	11.8	34.9	16.5	104	na	75	29
41G3G3	35x19.00-16.1NHS	Flo Trac Lug	TL	12	55	30	4,180	16	17.8	35	16.4	104	na	100	40
474350	36x13.50-15NHS	Multi Trac	TL	4	20	30	2,600	10	15	36	16.1	106	na	65	12
41G3F1	38x18.00-20NHS	Flo Trac Lug	TL	10	45	30	3,430	14	17.7	40.6	18.4	121	na	134	40
41G3R6	38x18.00-20NHS	Flo Trac Lug	TL	14	65	30	4,300	14	17.7	40.6	18.4	121	na	143	40
474323	41x14.00-20NHS	Multi Trac	TL	4	25	30	3,080	11	14	42.4	18.9	126	na	104	22
474342	44x18.00-20NHS	Multi Trac	TL	4	20	30	3,420	14	18.6	44.5	20.0	134	na	137	25
4743W1	44x18.00-20NHS	Multi Trac	TL	6	30	30	4,300	14	18.6	44.5	20.0	134	na	146	25
G30573	LSW305R343	LSW 430	TL	121A3	52	10	3,200	229	11	26.9	12	80	na	33	8
G3032K	LSW305-521	LSW Soft Turf	TL	6	30	30	2,340	210	12	33.5	14.7	98	na	55	10
G303H4	LSW570-648	LSW Soft Turf	TL	6	60	30	6,000	457	22.5	45.5	18.5	140	na	164	12
G303P0	LSW610R470	LSW 430	TL	125A8	30	30	3,640	483	23.7	40	17.8	119	na	144	12

*See Approved Rim Contours section

Titan Bias Skid Steer


CONTRACTOR FWD


H/E


HD2000


HD2000 II


TRAC LOADER


TRAC LOADER CHEVRON


MXL SS


ULTIMATE


SOFT TURF

Titan Contractor FWD SS

- Excellent traction and wear are the benefits of the broad, curved lugs
- High strength construction gives it exceptional durability

Titan H/E SS

- The H/E is Titan's premium deep tread skid steer tire, designed for use in severe applications such as concrete planing, asphalt recycling, demolition areas, quarries, glass plants and scrap yards

Titan HD2000 SS

- Engineered with HD sidewalls to protect against abrasions, tears and punctures
- Improved dual tapered step lug wear and extended life

Titan HD2000 II SS

- Titan's premium conventional skid steer tire with deeper tread depth, premium compound, larger tread lugs, heavier sidewall and larger rim guard

Titan Trac Loader SS

- The tire preferred by major manufacturers of uniloaders and skid steer equipment
- Constructed with a superior blend of natural and synthetic rubber
- Center lug design adds extra traction

Titan Trac Loader Chevron SS

- Features a chevron tread pattern with nylon fabric construction
- Intended for skid steer use

Titan Ultimate

- Extra long life with up to twice the tread depth of conventional skid steer tires.
- Superior damage resistance due to extra heavy sidewall and large rim guard.
- Superior traction from high void-to-lug ratio.
- Lowest possible cost per hour delivered by specialty compound and industry leading tread depth.

Titan MXL SS

- Ultra deep tread provides exceptional service in hard service applications
- Directional tread design makes the tire a performer in the dirt.

Titan Soft Turf

- Designed for low ground on turf.
- Ideal for fine lawn mantenance and can be used in industrial applications.
- Less aggressive to minimize turf damage.

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4123C2	5.70-12NHS	Trac Loader Chevron	TL	4	60	5	1,450	4.5	5.7	22.4	10.3	67	na	19	18
4123C5	7.00-15SS	Trac Loader Chevron	TL	6	60	5	3,180	5.5	8	29.9	13.5	88	na	37	18
4127K5	8.25-15NHS	Trac Loader Chevron	TL	6	50	5	3,860	6	9.4	33.2	14.9	98	na	53	18
49E3D1TYL	10-16.5NHS	HD2000II w/Tyrelyner	TL	8	60	5	4,140	8.25	10.5	30.3	14.1	91	na	83	24
4393D1	10-16.5NHS	HD2000	TL	8	60	5	4,140	8.25	10.3	30.6	14.3	92	na	58	21
49E3D1	10-16.5NHS	HD2000II	TL	8	60	5	4,140	8.25	10.5	30.3	14.1	91	na	58	24
49U3D1	10-16.5NHS	Ultimate	TL	8	60	5	4,140	8.25	10.7	30.1	13.7	91	na	72	42
43H3R8	10-16.5NHS	H/E	TL	10	75	5	4,710	8.25	10.4	30.6	13.7	89	na	79	44
4XS3R8	10-16.5NHS	MXL SS	TL	10	75	5	4,710	8.25	11.2	30.9	14	93	89	79	38
4123C8	10-16.5NHS	Trac Loader	TL	6	45	5	3,500	8.25	10.9	30.3	13.5	90	na	46	19
4393D1TYL	10-16.5NHS	HD2000 w/Tyrelyner	TL	8	60	5	4,140	8.25	10.3	30.6	14.3	92	na	74	21

Bias Skid Steer

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
4CP3D1	10-16.5NHS	HD2000 II	TL	8	60	5	4,140	8.25	10.5	30.3	14.1	91	90	58	24
4393J7TYL	12-16.5NHS	HD2000II w/Tyrelyner	TL	10	65	5	5,600	9.75	12.2	32.7	15	97	na	99	26
4393C9	12-16.5NHS	HD2000	TL	6	40	5	4,220	9.75	12.8	32.7	15.3	99	na	75	23
49U3J7	12-16.5NHS	Ultimate	TL	10	65	5	5,600	9.75	12.1	32.7	14.9	98	na	94	44
4393J7	12-16.5NHS	HD2000	TL	10	65	5	5,600	9.75	12.8	32.7	15.3	99	na	77	23
49E3J7	12-16.5NHS	HD2000II	TL	10	65	5	5,600	9.75	12.2	32.7	15	97	na	77	26
49E34R	12-16.5NHS	HD2000II	TL	14	90	5	6,780	9.75	12.2	32.7	15	97	na	83	26
43H34R	12-16.5NHS	H/E	TL	14	90	5	6,780	9.75	12	32.7	15	97	na	106	44
4XS34R	12-16.5NHS	MXL SS	TL	14	90	5	6,780	9.75	13.2	33.2	13.3	91	109	102	40
4123C9	12-16.5NHS	Trac Loader	TL	6	40	5	4,220	9.75	12.1	33.6	15.1	101	na	68	23
4123D2	12-16.5NHS	Trac Loader	TL	8	50	5	4,810	9.75	12.2	33.6	15.1	101	na	72	23
46C3E8	12-16.5NHS	Contractor FWD	TL	8	50	5	4,810	9.75	11.8	33.1	14.9	98	na	72	23
46C3J7	12-16.5NHS	Contractor FWD	TL	10	65	5	5,600	9.75	11.8	33.1	14.9	98	na	77	23
4303J7	12-16.5NHS	Soft Turf	TL	10	65	5	5,600	9.75	12.5E	32.7E	15.3E	99E	na	78	10
49E3J8	12-16.5NHS	HD2000II	TL	12	80	5	6,320	9.75	12.2	32.7	15	97	na	78	26
4CP3J7	12-16.5NHS	HD2000 III	TL	10	65	5	5,600	9.75	12.2	32.7	15	97	115	77	26
430396	14-17.5NHS	Soft Turf	TL	10	55	5	6,850	10.5	14.5E	36.5E	16.2E	108E	na	78	10
439396	14-17.5NHS	HD2000	TL	10	55	5	6,850	10.5	14.5	36.3	16.2	108	na	94	24
439349	14-17.5NHS	HD2000	TL	12	65	5	7,550	10.5	14.5	36.3	16.2	108	na	102	24
439384	14-17.5NHS	HD2000	TL	14	80	5	8,540	10.5	14.5	36.3	16.2	108	na	106	24
49E384	14-17.5NHS	HD2000II	TL	14	80	5	8,540	10.5	15.2	35.7	16.4	107	na	121	26
4CP384	14-17.5NHS	HD2000 III	TL	14	80	5	8,540	10.5	15.2	35.7	16.4	107	122	121	26
43H384	14-17.5NHS	H/E	TL	14	80	5	8,540	10.5	14.1	36.6	17	110	na	141	47
412334	14-17.5NHS	Trac Loader	TL	6	30	5	4,820	10.5	14	36.9	16.3	109	na	91	24
412396	14-17.5NHS	Trac Loader	TL	10	55	5	6,850	10.5	14	36.9	16.3	109	na	94	24
412384	14-17.5NHS	Trac Loader	TL	14	80	5	8,540	10.5	14.3	36.4	16.4	107	na	106	24
46C3G9	14-17.5NHS	Contractor FWD	TL	10	55	5	6,850	10.5	13.8	36.3	16.3	108	na	84	24
49U384	14-17.5NHS	Ultimate	TL	14	80	5	8,540	10.5	15.2	35.7	16.4	107	na	148	44
4CP3J7	14-17.5NHS	HD2000 III	TL	14	80	5	8,540	1.5	15.2	35.7	16.4	107	122	121	26
439336	15-19.5NHS	HD2000	TL	12	60	5	9,190	11.75	15.7	40.5	19.2	123	na	136	26
439636	15-19.5NHS	HD2000	TL	16	85	5	11.270	11.75	15.7	40.5	19.2	123	na	150	26
412373	15-19.5NHS	Trac Loader	TL	6	30	5	6,130	11.75	15.5	40.5	17.9	117	na	114	25
412336	15-19.5NHS	Trac Loader	TL	12	60	5	9,190	11.75	15.5	40.5	17.9	117	na	136	25
46C3H9	15-19.5NHS	Contractor FWD	TL	8	40	5	7,250	11.75	15.3	40.1	18	119	na	113	26
4123U1	18x8.50-10NHS	Trac Loader	TL	4	22	5	830	7	7.5	17.7	8.1	53	38	18	16
49E3W8	20X8.00-10NHS	HD2000II	TL	4	40	5	1,210	6	8.2	19.3	8.8	57	na	24	15
4393G8	23x8.50-12NHS	HD2000	TL	6	50	5	1,810	7	8.7	23.5	11	71	na	27	14
4123C3	23x8.50-12NHS	Trac Loader	TL	4	35	5	1,470	7	8.3	23	10.2	68	na	27	14
4123G8	23x8.50-12NHS	Trac Loader	TL	6	50	5	1,810	7	8.3	23	10.2	68	na	27	14
412388	23x8.50-14NHS	Trac Loader	TL	4	35	5	1,490	7	7.8	23.8	10.7	71	na	25	14
412379	25x8.50-14NHS	Trac Loader	TL	6	50	5	2,000	7	8.4	25.9	11.8	79	na	30	17
412361	26x12.0-12NHS	Trac Loader	TL	4	20	5	1,780	10.5	12.2	25.5	11.3	77	84	40	16
439378	27x10.50-15NHS	HD2000	TL	8	60	5	3,100	8.5	10.2	27.1	12.8	82	na	47	15
4123H7	27x10.50-15NHS	Trac Loader	TL	6	45	5	2,610	8.5	11	27.5	12.3	82	na	39	17
439377	27x8.50-15NHS	HD2000	TL	8	60	5	2,890	7	8.6	26.8	12.5	81	na	39	15
4123C6	27x8.50-15NHS	Trac Loader	TL	4	30	5	1,940	7	8.8	27	12.1	81	na	39	17
412339	27x8.50-15NHS	Trac Loader	TL	6	45	5	2,480	7	8.8	27	12.1	81	na	39	17
46C3J3	27x8.50-15NHS	Contractor FWD	TL	4	35	5	1,840	7	8.1	27.2	12.4	81	na	35	19
4123R3	28x8.50-15NHS	Trac Loader	TL	6	45	5	2,880	7	8.4	28	12.8	83	na	29	17
4123J9	33-14.50-16.5NHS	Trac Loader	TL	8	40	5	4,690	12	14.5	33	14.9	98	na	72	23
439381	30.5x12.5-16.5NHS	HD2000	TL	8	45	5	3,840	9.75	12.5	30.8	14	91	na	74	21
49E3L8	31x15.50-16.5NHS	HD2000II	TL	8	35	5	4,480	12	15.5	31	14.1	92	na	187	17
49E3X3	33x15.5-16.5NHS	HD2000II	TL	12	60	5	6,835	12	15.5	33	15	98	na	110	24
43H3X3	33x15.50-16.5NHS	H/E	TL	12	60	5	6,835	12	14.5	33	14.7	99	135	120	48
49E3R9	33x15.5-16.5NHS	HD2000II	TL	14	70	5	7,480	12	15.5	33	15	98	na	110	24
4CP3X3	33x15.50-16.5NHS	HD2000 III	TL	12	60	5	6,835	12	15.5	33	15	98	115	105	24
4123A5	43x16.00-20NHS	Trac Loader	TL	4	20	5	4,540	14	16	43.5	19.3	129	na	135	26

*See Approved Rim Contours section

Titan 489 X/T Rears ATV

- The perfect complement to the 489X/T front, this tire provides excellent all-around traction in 2WD and 4WD applications
- Includes dimpled tread elements and six ply rated construction

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
4113A5	AT22x11-10	489 X/T	TL	6	7	50	385	9.00	10.6	22.1	9.9	65	--	22	19
411327	AT23x10-10	489 X/T	TL	6	7	50	375	8.00	9.8	23.1	10.5	68	--	20	19
411330	AT23x10-12	489 X/T	TL	6	7	50	365	8.00	9.2	23.1	10.6	69	--	21	19
411307	AT23x7-10	489 X/T	TL	6	7	50	275	5.50	7.0	23.0	10.4	67	--	19	19
411304	AT23x8-11	489 X/T	TL	6	7	50	200	6.50	7.6	23.5	10.6	70	--	18	19
411329	AT23x8-12	489 X/T	TL	6	7	50	280	6.50	7.4	23.2	10.6	69	--	18	19
411328	AT24x10-11	489 X/T	TL	6	7	50	395	7.00	10.1	24.1	10.8	70	--	24	19
411305001	AT24x11-10	489 X/T	TL	6	7	50	440	9.00	11.0	24.3	10.9	72	--	24	19
411344	AT24x11-12	489 X/T	TL	6	7	50	430	9.00	10.3	24.3	10.9	71	--	25	19
411332	AT24x8-11	489 X/T	TL	6	7	50	320	6.50	8.0	24.0	10.8	71	--	21	19
411337	AT24x8-12	489 X/T	TL	6	7	50	310	6.50	7.5	24.2	10.5	69	--	20	18
4113A9001	AT24x9-11	489 X/T	TL	6	7	50	365	7.00	9.1	24.2	11.1	72	--	21	19
411342	AT24x9-12	489 X/T	TL	6	7	50	355	8.00	9.0	23.8	10.8	68	--	20	19
411321	AT25x10-12	489 X/T	TL	6	7	50	420	8.00	10.5	25.2	11.2	74	--	26	19
411308	AT25x11-10	489 X/T	TL	6	7	50	455	9.00	10.9	25.3	11.3	74	--	29	19
411346	AT25x11-12	489 X/T	TL	6	7	50	455	9.00	10.9	25.3	11.3	74	--	31	19
411306	AT25x8-12	489 X/T	TL	6	7	50	340	6.50	7.5	25.1	11.2	74	--	20	19
411355	AT26x10-12	489 X/T	TL	6	7	50	440	8.00	10.1	25.8	11.6	76	--	25	19

*See Approved Rim Contours section

Titan 589 M/T Rears ATV

- Building on the heritage of the popular AT589, this second generation tire is designed for the serious ATV enthusiast
- Stepped lugs provide lug strength and stability
- Features the deepest lug depth available
- Titan's exclusive LSW 589 M/T design is now available to enhance the ATV experience, redefining traction and stability

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in²)	Weight (lbs)	Tread Depth 32nd in.
45X332	AT24x8-11	589 M/T	TL	6	7	50	320	6.50	8.1	24.3	11.1	73	--	23	33
45X3V7	AT25x10-11	589 M/T	TL	6	7	50	355	7.00	9.8	25.4	11.3	74	--	32	36
45X321	AT25x10-12	589 M/T	TL	6	7	50	340	8.00	9.8	25.4	11.5	75	--	29	36
45X393	AT25x12-10	589 M/T	TL	6	7	50	495	8.00	11.5	25.4	11.3	74	--	38	36
45X306	AT25x8-12	589 M/T	TL	6	7	50	420	6.50	7.9	24.9	11.2	75	--	24	33
45X361	AT26x12-12	589 M/T	TL	6	7	50	410	8.00	11.0	26.3	11.9	79	--	40	36
45X3P6	AT26x9-12	589 M/T	TL	6	7	50	520	7.00	9.2	26.3	11.9	79	--	38	36
G5X3T0	LSW230-394AT	LSW 589 M/T	TL	6	7	50	440	152.00	8.8	27.3	12.5	81	--	31	36
G5X3U0	LSW255-394AT	LSW 589 M/T	TL	6	7	50	465	152.00	9.9	27.3	12.5	81	--	32	36
45X3U0	AT27x11-12	589 M/T	TL	6	7	50	495	8.00	10.2	27.5	12.4	82	--	37	36
45X3T0	AT27x9-12	589 M/T	TL	6	7	50	440	6.50	8.9	27.4	12.4	82	--	37	36

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
45X35A	AT28x11x12	589 M/T	TL	6	7	50	535	8.00	10.1	28.2	12.7	84	--	36	36
45X34N	AT28x9x12	589 M/T	TL	6	7	50	465	6.50	8.8	28.0	12.7	84	--	38	36

*See Approved Rim Contours section

Titan Fast Trekker Rears ATV

- Developed specifically to address the demands of maneuverability
- The center V-lug provides straight ahead traction, while the S-knob cleats offer side bite on loose pack surfaces

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
46U3C3	AT18x11-10	Fast Trekker	TL	3*	7	50	280	9.00	10.2	17.4	7.6	50	--	15	16
46U324	AT20x10-9	Fast Trekker	TL	3*	7	50	300	8.00	9.9	19.8	8.9	58	--	18	20
46U370001	AT20x7-8	Fast Trekker	TL	3*	7	50	240	5.50	7.4	20.3	9.2	60	--	15	16
46U3A1	AT21x7-10	Fast Trekker	TL	3*	7	50	235	5.50	7.0	20.4	9.5	61	--	13	16
46U3B2	AT21x8-9	Fast Trekker	TL	3*	7	50	240	6.50	7.4	20.2	9.2	60	--	15	16
46U3A5	AT22x11-10	Fast Trekker	TL	3*	7	50	385	9.00	11.0	22.0	9.9	64	--	23	16
46U387	AT22x11-8	Fast Trekker	TL	3*	7	50	395	9.00	11.0	21.3	9.6	63	--	23	16
46U3A8	AT22x8-10	Fast Trekker	TL	3*	7	50	275	6.50	8.2	21.8	10	65	--	17	16

*See Approved Rim Contours section

MUD MONSTER

RAPTOR

Titan Mud Monster ATV

- In mud or extremely difficult terrain, the Titan Mud Monster offers maximum bite with a full 26" outside diameter
- A rounded profile maintains steer characteristics usually only associated with less aggressive designs

Titan Raptor ATV

- Just like its name implies, this tire is meant for the lost world
- Thick, talon-like lugs sink into gnarly terrain

Titan Sabre Tooth ATV

- If your idea of fun means pushing the envelope, then the Sabre Tooth is the tire for you
- The Sabre Tooth carries on the tradition of offering a general purpose tread design that gives outstanding performance

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
407306	AT25x8-12	Sabre Tooth	TL	3*	7	50	340	6.50	7.5	25.2	11.2	74	--	19	19
407321	AT25x10-12	Sabre Tooth	TL	3*	7	50	420	8.00	9.1	25.2	11.2	74	--	24	21
404336	AT26x10.5-12	Mud Monster	TL	3*	7	50	455	8.00	10.0	25.9	11.6	76	--	27	24
416336	AT26x10.5-12	Raptor	TL	3*	7	50	455	8.00	10.0	25.9	11.6	76	--	26	24

*See Approved Rim Contours section


ST RADIAL


ST RADIAL II

Dico ST Radial

- Superb wet road traction, good highway stability and improved fuel economy
- Rated superb for wear performance

Dico ST Radial II

- Modern tread design for a smooth ride and more even wear
- Wider grooves and aggressive siping reduce hydroplaning
- Nylon cap improves durability


ST


SPORT TRAX

Titan ST

- Four-ply construction in tread and sidewall for improved tread wear and life
- Incorporates special tread compounds for extended mileage for a variety of trailer applications

Titan Sport Trax ST

- Designed for utility trailers on or off the highway
- Nylon construction for cooler running and rugged wear

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
463307	16.5x6.50-8	Sport Trax	TL	C	70	62	785	5.38	6.5	16.1	7.5	48	--	8	6
1106901-808	4.80-8	Sport Trax	TL	B	60	62	585	3.75	4.9	16.6	7.7	50	--	6	6
1107900-808	4.80-8	Sport Trax	TL	C	90	62	760	3.75	4.9	16.6	7.7	50	--	6	6
1115000-808	5.70-8	Sport Trax	TL	C	75	62	910	4.5	6	18.3	8.3	54	--	8	7
1136605	18.5x8.50-8	Sport Trax	TL	C	50	62	935	7	8.2	18.3	8.3	54	--	12	10
11099001	4.80-12	Sport Trax	TL	B	60	62	785	3.75	4.9	20.6	9.6	62	--	8	6
1139100	20.5x8.0-10	Sport Trax	TL	C	50	62	1,100	6	8.1	20.6	9.3	61	--	14	9
1139410	20.5x8.0-10	Sport Trax	TL	D	70	62	1,320	6	8.1	20.6	9.3	61	--	15	9
1139690	20.5x8.0-10	Sport Trax	TL	E	90	62	1,520	6	8.1	20.6	9.3	61	--	16	9
11127031	5.30-12	Sport Trax	TL	C	80	62	1,050	4.25	5.5	21.4	10.1	65	--	11	6
417366	6.90-9	ST	TL	A	60	62	1,100	5.5	7.6	21.5	9.9	64	--	16	10
6ST310	ST155/80R13	ST Radial	TL	C	50	65	1,100	4.5	5.8	23.1	10.6	69	--	15	11
6RT368	ST175/80R13	Radial ST II	TL	C	50	65	1,360	5	7.1	24	11.1	73	--	19	10
5ST367	ST175/80D13	ST	TL	B	35	65	1,100	4.5	6.8	24.3	11.2	73	--	15	10
5ST368	ST175/80D13	ST	TL	C	50	65	1,360	4.5	6.8	24.3	11.2	73	--	18	10
6RT320	ST185/80R13	Radial ST II	TL	C	50	65	1,480	5	7.3	24.7	11.3	75	--	20	10
5ST320	ST185/80D13	ST	TL	C	50	65	1,480	4.5	7.1	24.9	11.3	73	--	19	10
6RT357	ST205/75R14	Radial ST II	TL	C	50	65	1,760	5.5	8	26.1	12	79	--	22	10
6RT352	ST215/75R14	Radial ST II	TL	C	50	65	1,870	6	8.7	26.6	12.2	81	--	25	10
5ST357	ST205/75D14	ST	TL	C	50	65	1,760	5.5	8	26.9	12.1	79	--	22	10
6RT318	ST205/75R15	Radial ST II	TL	C	50	65	1,820	5.5	8	27.1	12.4	82	--	23	10
6RT319	ST205/75R15	Radial ST II	TL	D	65	65	2,150	5.5	8	27.1	12.4	82	--	28	10
5ST352	ST215/75D14	ST	TL	C	50	65	1,870	6	8.2	27.1	12.5	81	--	23	10
5ST318	ST205/75D15	ST	TL	C	50	65	1,820	5.5	8.1	28	12.5	81	--	26	11
5ST319	ST205/75D15	ST	TL	D	65	65	2,150	5.5	8.1	28	12.5	81	--	30	11
6RT346	ST225/75R15	Radial ST II	TL	C	50	65	2,150	6	8.8	28.5	13	86	--	28	10
6RT347	ST225/75R15	Radial ST II	TL	D	65	65	2,540	6	8.8	28.5	13	86	--	31	10
6RT348	ST225/75R15	Radial ST II	TL	E	80	65	2,830	6	8.8	28.5	13	86	--	32	10

ST Titan

Catalog #	Tire Size	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load mph	Max Load (lbs)	Design Rim Width* (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in^2)	Weight (lbs)	Tread Depth 32nd in.
5ST346	ST225/75D15	ST	TL	C	50	65	2,150	6	8.6	29.2	13.9	87	--	28	11
5ST347	ST225/75D15	ST	TL	D	65	65	2,540	6	8.6	29.2	13.9	87	--	32	11
6ST396	ST235/75R15	ST Radial	TL	B	35	65	1,880	6.5	9.1	29.2	13.2	86	--	29	12
6RT090	ST235/80R16	Radial ST II	TL	E	80	65	3,520	6.5	9.3	30.8	14.2	94	--	50	13

*See Approved Rim Contours section

Note: For speeds 63 mph to 75 mph, 10 psi must be added with no increase in load.
For speeds 66 mph to 75 mph, 10 psi must be added with no increase in load.

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