VOLUME 6

OTR TIRES

TITAN

TITAN MOVES THE WORLD™

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Contents

No Sipes

Sipes

Titan 007 MFT

- Large contact area provides damage resistance
- Self cleaning grooves provide excellent traction
- Tie-bars provide lug stabilization, resulting in even tread wear
- Custom compounds available
- No sipes available on some designs

ULTRA CLASS RADIAL

Size	Compound/ Construction	Catalog Number	Sipes/ No Sipes	Industry Code	Load/ Speed Index	Load Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Tread Depth in (mm)	Load @ Inflation lbs @ PSI (kg @ bar)	TMPH (TKPH)
59/80R63	HV	MHV278	Sipes	E-3	268 B	2 *	44.00	5.0	158.5 (4026)	57.4 (1461)	89/32 (71)	220,500 @ 110 (100,000 @ 7.5)	1355 (1978)
59/80R63	WV	MWV278	Sipes	E-3	268 B	2 *	44.00	5.0	158.5 (4026)	57.4 (1461)	89/32 (71)	220,500 @ 110 (100,000 @ 7.5)	1084 (1582)
59/80R63	CV	MFV278	Sipes	E-3	268 B	2 *	44.00	5.0	158.5 (4026)	57.4 (1461)	89/32 (71)	220,500 @ 110 (100,000 @ 7.5)	813 (1187)
59/80R63	SV	MSV278	Sipes	E-3	268 B	2 *	44.00	5.0	158.5 (4026)	57.4 (1461)	89/32 (71)	220,500 @ 110 (100,000 @ 7.5)	---
59/80R63	H2	MH2278	No Sipes	E-3	268 B	2 *	44.00	5.0	158.5 (4026)	57.4 (1461)	89/32 (71)	220,500 @ 110 (100,000 @ 7.5)	1287 (1879)
59/80R63	W2	MW2278	No Sipes	E-3	268 B	2 *	44.00	5.0	158.5 (4026)	57.4 (1461)	89/32 (71)	220,500 @ 110 (100,000 @ 7.5)	1030 (1503)
59/80R63	C2	MF2278	No Sipes	E-3	268 B	2 *	44.00	5.0	158.5 (1461)	57.4 (1461)	89/32 (71)	220,500 @ 110 (100,000 @ 7.5)	772 (1127)
59/80R63	S2	MS2278	No Sipes	E-3	268 B	2 *	44.00	5.0	158.5 (4026)	57.4 (1461)	89/32 (71)	220,500 @ 110 (100,000 @ 7.5)	---
59/80R63	HD	MHD278	Sipes	E-4	268 B	2 *	44.00	5.0	158.5 (4026)	57.4 (1461)	146/32 (116)	220,500 @ 110 (100,000 @ 7.5)	1016 (1483)
59/80R63	WD	MWD278	Sipes	E-4	268 B	2 *	44.00	5.0	158.5 (4026)	57.4 (1461)	146/32 (116)	220,500 @ 110 (100,000 @ 7.5)	813 (1186)
59/80R63	CD	MFD278	Sipes	E-4	268 B	2 *	44.00	5.0	158.5 (4026)	57.4 (1461)	146/32 (116)	220,500 @ 110 (100,000 @ 7.5)	610 (890)
59/80R63	H5	MH5278	No Sipes	E-4	268 B	2 *	44.00	5.0	158.5 (4026)	57.4 (1461)	146/32 (116)	220,500 @ 110 (100,000 @ 7.5)	965 (1409)
59/80R63	W5	MW5278	No Sipes	E-4	268 B	2 *	44.00	5.0	158.5 (4026)	57.4 (1461)	146/32 (116)	220,500 @ 110 (100,000 @ 7.5)	772 (1127)
59/80R63	C5	MF5278	No Sipes	E-4	268 B	2 *	44.00	5.0	158.5 (4026)	57.4 (1461)	146/32 (116)	220,500 @ 110 (100,000 @ 7.5)	579 (845)
53/80R63	HV	MHV23M	Sipes	E-4	261 B	2 *	36.00, 38.00	5.0	148.8 (3780)	53 (1346)	130/32 (103)	182,000 @ 110 (82,500 @ 7.5)	1001 (1461)
53/80R63	WV	MWV23M	Sipes	E-4	261 B	2 *	36.00, 38.00	5.0	148.8 (3780)	53 (1346)	130/32 (103)	182,000 @ 110 (82,500 @ 7.5)	801 (1169)
53/80R63	CV	MFV23M	Sipes	E-4	261 B	2 *	36.00, 38.00	5.0	148.8 (3780)	52 (1346)	130/32 (103)	182,000 @ 110 (82,500 @ 7.5)	601 (877)
53/80R63	H2	MH223M	No Sipes	E-4	261 B	2 *	36.00, 38.00	5.0	148.8 (3780)	53 (1346)	130/32 (103)	182,000 @ 110 (82,500 @ 7.5)	951 (1388)
53/80R63	W2	MW223M	No Sipes	E-4	261 B	2 *	36.00, 38.00	5.0	148.8 (3780)	53 (1346)	130/32 (103)	182,000 @ 110 (82,500 @ 7.5)	761 (1110)
53/80R63	C2	MF223M	No Sipes	E-4	261 B	2 *	36.00, 38.00	5.0	148.8 (3780)	53 (1346)	130/32 (103)	182,000 @ 110 (82,500 @ 7.5)	571 (833)
46/90R57	HV	MHV276	Sipes	E-4	252 B	2 *	32.00, 29.00	6.0	142.1 (3609)	46.0 (1168)	105/32 (83)	139,000 @105 (63,000 @7.3)	853 (1246)
46/90R57	WV	MWV276	Sipes	E-4	252 B	2 *	32.00, 29.00	6.0	142.1 (3609)	46.0 (1168)	105/32 (83)	139,000 @105 (63,000 @7.3)	683 (996)
46/90R57	CV	MFV276	Sipes	E-4	252 B	2 *	32.00, 29.00	6.0	142.1 (3609)	46.0 (1168)	105/32 (83)	139,000 @105 (63,000 @7.3)	512 (747)
46/90R57	H2	MH2276	No Sipes	E-4	252 B	2 *	32.00, 29.00	6.0	142.1 (3609)	46.0 (1168)	105/32 (83)	139,000 @105 (63,000 @7.3)	810 (1183)
46/90R57	W2	MW2276	No Sipes	E-4	252 B	2 *	32.00, 29.00	6.0	142.1 (3609)	46.0 (1168)	105/32 (83)	139,000 @105 (63,000 @7.3)	648 (947)
46/90R57	C2	MF2276	No Sipes	E-4	252 B	2 *	32.00, 29.00	6.0	142.1 (3609)	46.0 (1168)	105/32 (83)	139,000 @105 (63,000 @7.3)	486 (710)
40.00R57	HV	MHV240	Sipes	E-4	250 B	2 *	29.00, 32.00	6.0	142.1 (3609)	43.2 (1097)	105/32 (83)	132,500 @ 105 (60,000 @ 7.3)	813 (1186)
40.00R57	WV	MWV240	Sipes	E-4	250 B	2 *	29.00, 32.00	6.0	142.1 (3609)	43.2 (1097)	105/32 (83)	132,500 @ 105 (60,000 @ 7.3)	650 (949)
40.00R57	CV	MFV240	Sipes	E-4	250 B	2 *	29.00, 32.00	6.0	142.1 (3609)	43.2 (1097)	105/32 (83)	132,500 @ 105 (60,000 @ 7.3)	488 (712)
40.00R57	H2	MH2240	No Sipes	E-4	250 B	2 *	29.00, 32.00	6.0	142.1 (3609)	43.2 (1097)	105/32 (83)	132,500 @ 105 (60,000 @ 7.3)	772 (1127)
40.00R57	W2	MW2240	No Sipes	E-4	250 B	2 *	29.00, 32.00	6.0	142.1 (3609)	43.2 (1097)	105/32 (83)	132,500 @ 105 (60,000 @ 7.3)	618 (902)
40.00R57	C2	MF2240	No Sipes	E-4	250 B	2 *	29.00, 32.00	6.0	142.1 (3609)	43.2 (1097)	105/32 (83)	132,500 @ 105 (60,000 @ 7.3)	463 (676)
40.00R57	HR	MHR240	Sipes	E-4	250 B	2 *	29.00, 32.00	6.0	142.1 (3609)	43.2 (1097)	105/32 (83)	132,500 @ 105 (60,000 @ 7.3)	813 (1186)
40.00R57	WR	MWR240	Sipes	E-4	250 B	2 *	29.00, 32.00	6.0	142.1 (3609)	43.2 (1097)	105/32 (83)	132,500 @ 105 (60,000 @ 7.3)	650 (949)
40.00R57	CR	MFR240	Sipes	E-4	250 B	2 *	29.00, 32.00	6.0	142.1 (3609)	43.2 (1097)	105/32 (83)	132,500 @ 105 (60,000 @ 7.3)	488 (712)

R - Rounded shoulder design

007 MFT Continued

Size	Compound/ Construction	Catalog Number	Sipes/ No Sipes	Industry Code	Load/ Speed Index	Load Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Tread Depth in (mm)	Load @ Inflation lbs @ PSI (kg @ bar)	TMPH (TKPH)
40.00R57	H4	MH4240	No Sipes	E-4	250 B	2 *	29.00, 32.00	6.0	142.1 (3609)	43.2 (1097)	105/32 (83)	132,500 @ 105 (60,000 @ 7.3)	772 (1127)
40.00R57	W4	MW4240	No Sipes	E-4	250 B	2 *	29.00, 32.00	6.0	142.1 (3609)	43.2 (1097)	105/32 (83)	132,500 @ 105 (60,000 @ 7.3)	618 (902)
40.00R57	C4	MF4240	No Sipes	E-4	250 B	2 *	29.00, 32.00	6.0	142.1 (3609)	43.2 (1097)	105/32 (83)	132,500 @ 105 (60,000 @ 7.3)	463 (676)
37.00R57	HV	MHV237	Sipes	E-4 +	245 B	2 *	27.00, 29.00	6.0	136.0 (3455)	40.0 (1016)	125/32 (99)	113,500 @ 105 (51,500 @ 7.3)	716 (1046)
37.00R57	WV	MWV237	Sipes	E-4 +	245 B	2 *	27.00, 29.00	6.0	136.0 (3455)	40.0 (1016)	125/32 (99)	113,500 @ 105 (51,500 @ 7.3)	573 (837)
37.00R57	CV	MFV237	Sipes	E-4 +	245 B	2 *	27.00, 29.00	6.0	136.0 (3455)	40.0 (1016)	125/32 (99)	113,500 @ 105 (51,500 @ 7.3)	430 (628)
37.00R57	H2	MH2237	No Sipes	E-4 +	245 B	2 *	27.00, 29.00	6.0	136.0 (3455)	40.0 (1016)	125/32 (99)	113,500 @ 105 (51,500 @ 7.3)	681 (994)
37.00R57	W2	MW2237	No Sipes	E-4 +	245 B	2 *	27.00, 29.00	6.0	136.0 (3455)	40.0 (1016)	125/32 (99)	113,500 @ 105 (51,500 @ 7.3)	545 (795)
37.00R57	C2	MF2237	No Sipes	E-4 +	245 B	2 *	27.00, 29.00	6.0	136.0 (3455)	40.0 (1016)	125/32 (99)	113,500 @ 105 (51,500 @ 7.3)	408 (596)
33.00R51	HE	MHT2R3	Sipes	E-4	235 B	2 *	24.00	5.0	120.5 (3061)	35.2 (894)	98/32 (78)	85,500 @ 105 (38,750 @ 7.3)	568 (829)
33.00R51	WE	MWT2R3	Sipes	E-4	235 B	2 *	24.00	5.0	120.5 (3061)	35.2 (894)	98/32 (78)	85,500 @ 105 (38,750 @ 7.3)	470 (687)
33.00R51	CE	MFT2R3	Sipes	E-4	235 B	2 *	24.00	5.0	120.5 (3061)	35.2 (894)	98/32 (78)	85,500 @ 105 (38,750 @ 7.3)	353 (515)
33.00R51	H2	MH22R3	No Sipes	E-4	235 B	2 *	24.00	5.0	120.5 (3061)	35.2 (894)	98/32 (78)	85,500 @ 105 (38,750 @ 7.3)	540 (788)
33.00R51	W2	MW22R3	No Sipes	E-4	235 B	2 *	24.00	5.0	120.5 (3061)	35.2 (894)	98/32 (78)	85,500 @ 105 (38,750 @ 7.3)	447 (652)
33.00R51	C2	MF22R3	No Sipes	E-4	235 B	2 *	24.00	5.0	120.5 (3061)	35.2 (894)	98/32 (78)	85,500 @ 105 (38,750 @ 7.3)	335 (489)
27.00R49	HE	MHT2R9	Sipes	E-4	223 B	2 *	19.50	4.0	106.7 (2703)	28.6 (726)	86/32 (68)	60,000 @ 105 (27,250 @7.3)	433 (631)
27.00R49	WE	MWT2R9	Sipes	E-4	223 B	2 *	19.50	4.0	106.7 (2703)	28.6 (726)	86/32 (68)	60,000 @ 105 (27,250 @7.3)	346 (505)
27.00R49	CE	MFT2R9	Sipes	E-4	223 B	2 *	19.50	4.0	106.7 (2703)	28.6 (726)	86/32 (68)	60,000 @ 105 (27,250 @7.3)	260 (379)
27.00R49	H2	MH22R9	No Sipes	E-4	223 B	2 *	19.50	4.0	106.7 (2703)	28.6 (726)	86/32 (68)	60,000 @ 105 (27,250 @7.3)	411 (600)
27.00R49	W2	MW22R9	No Sipes	E-4	223 B	2 *	19.50	4.0	106.7 (2703)	28.6 (726)	86/32 (68)	60,000 @ 105 (27,250 @7.3)	329 (480)
27.00R49	C2	MF22R9	No Sipes	E-4	223 B	2 *	19.50	4.0	106.7 (2703)	28.6 (726)	86/32 (68)	60,000 @ 105 (27,250 @7.3)	247 (360)

Titan TG2 (G-2)

- Exceptional traction design
- Non-directional tread pattern provides long tread life
- Open tread pattern provides excellent self-cleaning

Tire Size	Compound/ Construction	Catalog Number	Industry Code	Load/ Speed Index	Load Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)	Load/Inflation lb @ PSI (kg @ bar)
14.00R24TG	WE	PGW1R4	G-2	153 A8	1 *	10.00VA	1.7	53.1 (1348)	14.3 (362)	16.9 (429)	24.1 (612)	153 (990)	32/32 (25.4)	8,050 @ 54 (3,650 @ 3.8)

Titan TGS2 (G-2)

- All season tread pattern
- Aggressive tread pattern provides excellent traction and self-cleaning on all surfaces
- Siping provides excellent traction in all conditions, especially mud, snow and ice

Tire Size	Compound/ Construction	Catalog Number	Industry Code	Load/ Speed Index	Load Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)	Load/Inflation lb @ PSI (kg @ bar)
14.00R24TG	WE	PSW1R4	G-2	153 A8	1 *	10.00VA	1.7	53.1 (1348)	14.3 (362)	16.9 (429)	24.1 (612)	153 (990)	32/32 (25.4)	8,050 @ 54 (3,650 @ 3.8)

Titan TGL2 (G-2/L-2)

- Non-directional tread pattern provides long tread life
- Open tread pattern provides excellent self-cleaning and traction

Tire Size	Compound/ Construction	Catalog Number	Industry Code	Load/ Speed Index	Load Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)	Load/Inflation lb @ PSI (kg @ bar)
17.5R25	WE	EUWA17	L-2	176 A2	1 *	14.00	1.5	52.6 (1337)	17.5 (445)	20.0 (507)	23.5 (596)	230 (1487)	35/32 (27.8)	15,700 @ 73 (7,100 @ 5.0)
			G-2	153 A8	1 *	14.00	1.5	52.6 (1337)	17.5 (445)	19.5 (496)	24.0 (610)	191 (1235)	35/32 (27.8)	8,050 @ 44 (3,650 @ 3.0)

Titan TGD2 (E-2/L-2)

- Directional tread design for excellent forward traction
- Center riding rib for smooth ride and even wear

Tire Size	Compound/ Construction	Catalog Number	Industry Code	Load/ Speed Index	Load Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)	Load/Inflation lb @ PSI (kg @ bar)
20.5R25	CE	EDTB21	E-2	177 B	2 *	17.00	2.0	58.3 (1480)	20.5 (521)	22.0 (558)	26.3 (667)	271 (1750)	36/32 (28.6)	16,100 @ 76 (7,300 @5.3)
			L-2	186 A2	1 *	17.00	2.0	58.3 (1480)	20.5 (521)	22.5 (571)	25.6 (650)	333 (2150)	36/32 (28.6)	20,900 @ 73 (9,500 @ 5.0)
23.5R25	CE	EDTB23	E-2	185 B	2 *	19.50	2.5	63.0 (1599)	23.5 (597)	26.4 (670)	28.3 (720)	336 (2170)	42/32 (33.3)	20,400 @ 76 (9,250 @ 5.3)
			L-2	195 A2	1 *	19.50	2.5	63.0 (1599)	23.5 (597)	27.0 (685)	27.5 (698)	422 (2720)	42/32 (33.3)	26,800 @ 73 (12,150 @ 5.0)

Titan STL3 (E-3/L-3) Dual Purpose Tire

- Non-directional tread pattern
- Center riding rib for smooth ride and long, even wear
- Full-width shoulder lug for excellent traction and lateral stability
- Additional compounds available upon request

Tire Size	Compound/ Construction	Catalog Number	Industry Code	Load/ Speed Index	Load Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)	Load/Inflation lb @ PSI (kg @ bar)
20.5R25	CE	ERTB21	E-3	177 B	2 *	17.00	2.0	58.7 (1490)	20.5 (521)	22.0 (558)	26.5 (672)	269 (1738)	42/32 (33.3)	16,100 @ 76 (7,300 @ 5.3)
			L-3	186 A2	1 *	17.00	2.0	58.7 (1490)	20.5 (521)	22.5 (571)	25.8 (655)	325 (2096)	42/32 (33.3)	20,900 @ 73 (9,500 @ 5.0)
23.5R25	CE	ERTB23	E-3	185 B	2 *	19.50	2.5	63.1 (1602)	23.5 (597)	26.4 (670)	28.4 (721)	338 (2180)	44/32 (34.9	20,400 @ 76 (9,250 @ 5.3)
			L-3	195 A2	1 *	19.50	2.5	63.1 (1602	23.5 (597)	27.0 (685)	27.5 (699)	423 (2726)	44/32 (34.9)	26,800 @73 (12,150 @ 5.0)
23.5R25	WE	ERWB23	E-3	185 B	2 *	19.50	2.5	63.1 (1602)	23.5 (597)	26.4 (670)	28.4 (721)	338 (2180)	44/32 (34.9	20,400 @ 76 (9,250 @ 5.3)
			L-3	195 A2	1 *	19.50	2.5	63.1 (1602	23.5 (597)	27.0 (685)	27.5 (699)	423 (2726)	44/32 (34.9)	26,800 @73 (12,150 @ 5.0)
26.5R25	CE	ERTB27	E-3	193 B	2 *	22.00	3.0	68.4 (1737)	26.5 (673)	30.1 (765)	30.5 (775)	475 (3064)	48/32 (38.1)	25,400 @ 76 (11,500 @ 5.3)
			L-3	202 A2	1 *	22.00	3.0	68.4 (1737)	26.5 (673)	30.9 (785)	29.5 (749)	544 (3512)	48/32 (38.1)	33,100 @ 73 (15,000 @ 5.0)
26.5R25	WE	ERWB27	E-3	193 B	2 *	22.00	3.0	68.4 (1737)	26.5 (673)	30.1 (765)	30.5 (775)	475 (3064)	48/32 (38.1)	25,400 @ 76 (11,500 @ 5.3)
			L-3	202 A2	1 *	22.00	3.0	68.4 (1737)	26.5 (673)	30.9 (785)	29.5 (749)	544 (3512)	48/32 (38.1)	33,100 @ 73 (15,000 @ 5.0)
29.5R25	CE	ERTB29	E-3	200 B	2 *	25.00	3.5	73.0 (1855)	29.5 (749)	33.1 (841)	32.6 (829)	541 (3493)	55/32 (43.7)	30,900 @ 76 (14,000 @ 5.3)
			L-3	208 A2	1 *	25.00	3.5	73.0 (1855)	29.5 (749)	34.0 (864)	31.5 (801)	607 (3917)	55/32 (43.7)	39,700 @ 73 (18,000 @5.0)
29.5R25	WE	ERWB29	E-3	200 B	2 *	25.00	3.5	73.0 (1855)	29.5 (749)	33.1 (841)	32.6 (829)	541 (3493)	55/32 (43.7)	30,900 @ 76 (14,000 @ 5.3)
			L-3	208 A2	1 *	25.00	3.5	73.0 (1855)	29.5 (749)	34.0 (864)	31.5 (801)	607 (3917)	55/32 (43.7)	39,700 @ 73 (18,000 @5.0)
750/65R25	WE	ERWBW1	E-3	190 B	2 *	24.00	3.0	63.2 (1605)	30.1 (765)	32.1 (815)	28.2 (716)	465 (3001)	58/32 (46)	23,400 @ 62 (10,600 @ 4.3)
			L-3	202 A2	1 *	24.00	3.0	63.3 (1608)	30.1 (765)	32.7 (831)	27.3 (693)	519 (3348)	58/32 (46)	33,100 @ 69 (15,000 @ 4.8)

Titan MXL (E-3/L-3)

- Aggressive tread for optimal traction
- Sturdy tread elements for maximum torque transmission

Tire Size	Catalog Number	Industry Code	Load/ Speed Index	Load Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)	Load/Inflation lb @ PSI (kg @ bar)
17.5R25	43P117	E-3	157 B	1 *	14.00	1.5	53.1E (1348)	18.0E (457)	--	23.8E (605)	---	41/32 (32.5)	9,100 @ 54 (4,125 @ 3.8)
		L-3	176 A2	1 *	14.00	1.5	53.1E (1348)	18.0E (457)	--	23.8E (605)	---	41/32 (32.5)	15,700 @ 73 (7,100 @ 5.0)
20.5R25	43P121	E-3	168 B	1 *	17.00	2.0	58.8E (1493)	21.0 (533)	--	26.1 (633)	396 (2555)	50/32 (39.7)	12,300 @ 54 (5,600 @ 3.8)
		L-3	186 B	1 *	17.00	2.0	58.8E (1493)	21.0 (533)	--	26.1 (633)	396 (2555)	50/32 (39.7)	20,900 @ 73 (9,500 @ 5.0)
23.5R25	43P123	E-3	176 B	1 *	19.50	2.5	63.7E (1618)	24.2E (615)	--	28.1E (714)	---	51/32 (40.5)	15,700 @ 54 (7,100 @ 3.8)
		L-3	195 A2	1 *	19.50	2.5	63.7E (1618)	24.2E (615)	--	28.1E (714)	---	51/32 (40.5)	26,800 @ 73 (12,150 @ 5.0)
26.5R25	43P127	E-3	184 B	1 *	22.00	3.0	68.6 (1743)	27.7 (704)	30.7 (780)	31.3 (795)	435 (2806)	55/32 (43.7)	19,800 @ 54 (9,000 @ 3.8)
		L-3	202 A2	1 *	22.00	3.0	69.0 (1753)	27.8 (706)	31.3 (795)	30.5 (775)	509 (3284)	55/32 (43.7)	33,100 @ 73 (15,000 @ 5.0)

Titan STL2+ (E-3T/L-3T) Dual Purpose Tire

- 130% level tread depth provides long tread life
- Open, non-directional tread pattern provides excellent self-cleaning
- Bar lug design for rock and traction

Tire Size	Compound/ Construction	Catalog Number	Industry Code	Load/ Speed Index	Load Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)	Load/Inflation lb @ PSI (kg @ bar)
23.5R25	CE	EPTB23	E-3T	185 B	2 *	19.50	2.5	63.7 (1617)	23.5 (597)	26.4 (670)	28.7 (728)	341 (2200)	53/32 (42.1)	20,400 @ 76 (9,250 @ 5.3)
			L-3T	195 A2	1 *	19.50	2.5	63.7 (1617)	23.5 (597)	27.0 (685)	27.8 (707)	426 (2750)	53/32 (42.1)	26,800 @ 73 (12,150 @ 5.0)
26.5R25	CE	EPTB27	E-3T	193 B	2 *	22.00	3.0	68.7 (1746)	26.5 (673)	30.1 (765)	30.7 (780)	481 (3100)	56/32 (44.5)	25,400 @ 76 (11,500 @ 5.3)
			L-3T	202 A2	1 *	22.00	3.0	68.7 (1746)	26.5 (673)	30.9 (785)	29.7 (754)	550 (3550)	56/32 (44.5)	33,100 @ 73 (15,000 @ 5.0)
26.5R25	WE	EPWB29	E-3T	193 B	2 *	22.00	3.0	68.7 (1746)	26.5 (673)	30.1 (765)	30.7 (780)	481 (3100)	56/32 (44.5)	25,400 @ 76 (11,500 @ 5.3)
			L-3T	202 A2	1 *	22.00	3.0	68.7 (1746)	26.5 (673)	30.9 (785)	29.7 (754)	550 (3550)	56/32 (44.5)	33,100 @ 73 (15,000 @ 5.0)
29.5R25	CE	EPTB29	E-3T	200 B	2 *	25.00	3.5	73.3 (1863)	29.5 (749)	33.1 (841)	32.8 (833)	543 (3500)	60/32 (47.6)	30,900 @ 76 (14,000 @ 5.3)
			L-3T	208 A2	1 *	25.00	3.5	73.3 (1863)	29.5 (749)	34.0 (864)	31.7 (805)	608 (3925)	60/32 (47.6)	39,700 @ 73 (18,000 @ 5.0)
29.5R25	WE	EPWB29TTB	E-3T	200 B	2 *	25.00	3.5	73.3 (1863)	29.5 (749)	33.1 (841)	32.8 (833)	543 (3500)	60/32 (47.6)	30,900 @ 76 (14,000 @ 5.3)
			L-3T	208 A2	1 *	25.00	3.5	73.3 (1863)	29.5 (749)	34.0 (864)	31.7 (805)	608 (3925)	60/32 (47.6)	39,700 @ 73 (18,000 @ 5.0)

Radial OTR

Titan DTH4 (E-4) Haul Truck Tire

- Deep tread depth for long tread life
- Solid center and large contact area provide damage resistance
- Self-cleaning grooves provide excellent traction
- Additional compounds available upon request

Tire Size	Compound/ Construction	Catalog Number	Industry Code	Load/ Speed Index	Load Rating	Rim Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)	Rated Load @Inflation lb @ PSI (kg @ bar)	TMPH (TKPH)
18.00R33	HE	EHH2R8	E-4	191 B	2 *	13.00	2.5	74.0 (1880)	21.2 (539)	23.4 (594)	33.9 (861)	302 (1948)	62/32 (49.2)	24,000 @ 102 (10,900 @ 7.0)	---
18.00R33	WE	EHW2R8	E-4	191 B	2 *	13.00	2.5	74.0 (1880)	21.2 (539)	23.4 (594)	33.9 (861)	302 (1948)	62/32 (49.2)	24,000 @ 102 (10,900 @ 7.0)	---
18.00R33	CE	EHF2R8	E-4	191 B	2 *	13.00	2.5	74.0 (1880)	21.2 (539)	23.4 (594)	33.9 (861)	302 (1948)	62/32 (49.2)	24,000 @ 102 (10,900 @ 7.0)	---
24.00R35	HE	EHH2R7	E-4	209 B	2 *	17.00	3.5	85.8 (2179)	26.7 (678)	29.9 (760)	39.1 (993)	532.5 (3435)	70/32 (55.6)	40,800 @ 102 (18,500 @ 7.0)	310 (453)
24.00R35	WE	EHW2R7	E-4	209 B	2 *	17.00	3.5	85.8 (2179)	26.7 (678)	29.9 (760)	39.1 (993)	532.5 (3435)	70/32 (55.6)	40,800 @ 102 (18,500 @ 7.0)	225 (329)
24.00R35	CE	EHF2R7	E-4	209 B	2 *	17.00	3.5	85.8 (2179)	26.7 (678)	29.9 (760)	39.1 (993)	532.5 (3435)	70/32 (55.6)	40,800 @ 102 (18,500 @ 7.0)	168 (245)
27.00R49	HE	EHH2R9	E-4	223 B	2 *	19.50	4.0	107.9 (2741)	28.7 (729)	32.8 (833)	49.5 (1258)	722 (4658)	95/32 (75)	60,000 @ 105 (27,250 @ 7.3)	---
27.00R49	WE	EHW2R9	E-4	223 B	2 *	19.50	4.0	107.9 (2741)	28.7 (729)	32.8 (833)	49.5 (1258)	722 (4658)	95/32 (75)	60,000 @ 105 (27,250 @ 7.3)	---
27.00R49	CE	EHF2R9	E-4	223 B	2 *	19.50	4.0	107.9 (2741)	28.7 (729)	32.8 (833)	49.5 (1258)	722 (4658)	95/32 (75)	60,000 @ 105 (27,250 @ 7.3)	---
33.00R51	HE	EHH2R3	E-4	230 B	2 *	24.00	5.0	120.0 (3048)	34.1 (866)	---	---	---	106/32 (84)	85,5000 @ 105 (38,750 @ 7.3)	432 (631)
33.00R51	WE	EHW2R3	E-4	230 B	2 *	24.00	5.0	120.0 (3048)	34.1 (866)	---	---	---	106/32 (84)	85,5000 @ 105 (38,750 @ 7.3)	346 (505)
33.00R51	CE	EHF2R3	E-4	230 B	2 *	24.00	5.0	120.0 (3048)	34.1 (866)	---	---	---	106/32 (84)	85,5000 @ 105 (38,750 @ 7.3)	259 (378)
40.00R57	HE	EHH240	E-4	250 B	2 *	29.00, 32.00	6.0	142.1 (3609)	43.2 (1097)	50.0 (1270)	63.8 (1621)	---	105/32 (83)	132,5000 @105 (60,000 @ 7.3)	729 (1064)
40.00R57	WE	EHW240	E-4	250 B	2 *	29.00, 32.01	6.0	142.1 (3609)	43.2 (1097)	50.0 (1270)	63.8 (1621)	---	105/32 (83)	132,5000 @105 (60,000 @ 7.3)	583 (851)
40.00R57	CE	EHF240	E-4	250 B	2 *	29.00, 32.02	6.0	142.1 (3609)	43.2 (1097)	50.0 (1270)	63.8 (1621)	---	105/32 (83)	132,5000 @105 (60,000 @ 7.3)	437 (638)
56/80R63	HE	MHT226	E-4	266 B	2 *	41.00	5.0	152.6E (3,876)	56E (1,422.4)	---	---	---	125/32 (99.2)	209,500 @ 110 (95,028 @ 7.5)	---
56/80R63	WE	MWT226	E-4	266 B	2 *	41.00	5.0	152.6E (3,876)	56E (1,422.4)	---	---	---	125/32 (99.2)	209,500 @ 110 (95,028 @ 7.5)	---
56/80R63	CE	MFT226	E-4	266 B	2 *	41.00	5.0	152.6E (3,876)	56E (1,422.4)	---	---	---	125/32 (99.2)	209,500 @ 110 (95,028 @ 7.5)	---

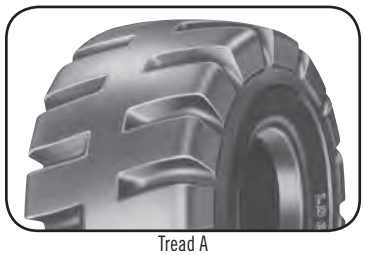
Titan DTE4 (E-4) Haul Truck Tire

- Deep tread depth for long tread life
- Deep lug tread pattern provides excellent traction
- Open, non-directional tread pattern provides excellent self-cleaning
- Additional compounds available upon request

Tire Size	Compound/ Construction	Catalog Number	Industry Code	Load/ Speed Index	Load Rating	Rim Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)	Rated Load @Inflation lb @ PSI (kg @ bar)	TMPH (TKPH)
18.00R33	HE	EEH2R8	E-4T	191 B	2 *	13.00	2.5	74.5 (1887)	20.1 (511)	---	---	---	68/32 (54)	24,000 @102 (10,900 @ 7.0)	---
18.00R33	WE	EEW2R8	E-4T	191 B	2 *	13.00	2.5	74.5 (1887)	20.1 (511)	---	---	---	68/32 (54)	24,000 @102 (10,900 @ 7.0)	---
18.00R33	CE	EEF2R8	E-4T	191 B	2 *	13.00	2.5	74.5 (1887)	20.1 (511)	---	---	---	68/32 (54)	24,000 @102 (10,900 @ 7.0)	---
27.00R49	HE	EEH2R9	E-4T	223 B	2 *	19.50	4.0	107.9 (2741)	28.2 (716)	32.6 (828)	49.3 (1252)	819 (5284)	95/32 (75)	60,000 @ 105 (27,250 @ 7.3)	458 (669)
27.00R49	WE	EEW2R9	E-4T	223 B	2 *	19.50	4.0	107.9 (2741)	28.2 (716)	32.6 (828)	49.3 (1252)	819 (5284)	95/32 (75)	60,000 @ 105 (27,250 @ 7.3)	382 (558)

Titan DTE4 (E-4) Haul Truck Tire continued

Tire Size	Compound/ Construction	Catalog Number	Industry Code	Load/ Speed Index	Load Rating	Rim Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)	Rated Load @Inflation lb @ PSI (kg @ bar)	TMPH (TKPH)
27.00R49	CE	EEF2R9	E-4T	223 B	2 *	19.50	4.0	107.9 (2741)	28.2 (716)	32.6 (828)	49.3 (1252)	819 (5284)	95/32 (75)	60,000 @ 105 (27,250 @ 7.3)	286 (418)
33.00R51	HE	EEH2R3	E-4T	235 B	2 *	24.00	5.0	120.0 (3048)	34.1 (866)	39.1 (993)	54.3 (1379)	1106 (7136)	108/32 (86)	85,000 @ 105 (38,750 @ 7.3)	641 (936)
33.00R51	WE	EEW2R3	E-4T	235 B	2 *	24.00	5.0	120.0 (3048)	34.1 (866)	39.1 (993)	54.3 (1379)	1106 (7136)	108/32 (86)	85,000 @ 105 (38,750 @ 7.3)	513 (749)
33.00R51	CE	EEF2R3	E-4T	235 B	2 *	24.00	5.0	120.0 (3048)	34.1 (866)	39.1 (993)	54.3 (1379)	1106 (7136)	108/32 (86)	85,000 @ 105 (38,750 @ 7.3)	360 (526)



Tread A

Tread B

Titan LDR 250 (L-5)

- Extra deep tread provides excellent rock type damage resistance and long tread life
- Open non-directional tread pattern provides all round traction with excellent self-cleaning

Tire Size	Tread Style	Compound/ Construction	Catalog Number	Industry Code	Load/ Speed Index	Load Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)	Load/Inflation lb @ PSI (kg @ bar)
35/65R33	A	WE	LFT26K	L-5	224 A2	2 *	28.00	3.5	81.2E (2085)	33.9E (861)	35.3E (897)	36.5E (927)	722E (4657)	115/32 (91)	61,500 @ 94 (28,000 @ 6.5)
45/65R45	A	WE	LFT26P	L-5	245 A2	2 *	36.00	4.5	106.9E (2715)	42.4E (1077)	44.9E (1140)	48.1E (1222)	1193E (7695)	140/32 (111)	113,500 @ 94 (51,500 @ 6.5)
50/65R51	B	WE	LFT2G6	L-5	253 A2	2 *	40.00	4.5	120E (3048)	50E (1270)	53E (1346)	54.5E (1384)	1500E (38,100)	160/32 (127)	143,500 @ 94 (65,000 @ 6.5)

Titan LDR 150 (L-4)

- Extra deep tread provides excellent rock type damage resistance and long tread life
- Open non-directional tread pattern provides all round traction with excellent self-cleaning

Tire Size	Compound/ Construction	Catalog Number	Industry Code	Load/ Speed Index	Load Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)	Load/Inflation lb @ PSI (kg @ bar)
58/80R63	WE	LF4258	L-4	276 A2	2 *	47.00	5.0	155.2 (3942)	55.2 (1402)	---	---	---	119/32 (95)	275,500 @ 102 (125,000 @ 7.0)

Earthmoving Service Tires

The "E" series type tires are referred to as haulage tires in off-the-road earthmoving applications. These tires are designed to transport materials over unimproved surfaces at speeds under 40 mph and short distances, generally 2.5 miles one way.

E-1 rib design tires are normally used on free-rolling positions on quarry, mining and heavy road building equipment.
E-2 traction design tires have open tread patterns designed to provide self loading scrapers with good traction in sand and soft, loose materials.
E-3 rock design tires are designed to offer good resistance to rock type damage plus good traction on cranes, hauling trucks and scrapers.
E-4 rock design tires feature tread depths that are 1.5 times deeper than the regular E-3 tread depth tires. This increased tread mass gives extended tread life and exceptional resistance to rock type damage.
E-7 flotation design tires are designed with a shallow rib tread allowing to run in soft, sandy soil. This tire is primarily used on asphalt spreaders.

Titan LCM (E-3) or (E-3/L-3)

- Compact tread design provides resistance to rock damage while still providing excellent traction
- Directional tread design provides excellent traction

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
14.00-24NHS *	6CMR44	E-3	24	10.00	2.0	54.2 (1377)	15.4 (391)	16.1 (409)	25.3 (643)	180 (1161)	31/32 (24)
14.00-24NHS *	6CLU44	E-3/L-3	28	10.00	2.0	54.2 (1377)	15.4 (391)	16.1 (409)	25.3 (643)	180 (1161)	31/32 (24)
21.00-25	6CMZ22	E-3	36	15.00	3.0	69.1 (1755)	22.6 (599)	25.0 (635)	31.5 (800)	376 (2425)	43/32 (34)

*Tube Type

Titan ND LCM (E-3) or (E-3/L-3)
Titan MCS (E-3/L-3)

- Non-directional tread design with center riding rib provides excellent all round traction and lateral stability
- Rock service tread design provides resistance to rock damage and long tread life
- MCS – is specifically designed for mobile crane service for use in rough terrain applications

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
15.5-25	6NN120	E-3/L-3	12	12.00	1.3	50.3 (1278)	15.5 (394)	17.3 (439)	22.8 (579)	205E (1323)	30/32 (24)
16.00-25	6NDU65	E-3	28	11.25	2.0	59.0 (1499)	17.5 (445)	18.8 (478)	26.8 (681)	204 (1316)	35/32 (28)
18.00-25	6NDW18	E-3	32	13.00	2.5	63.3 (1608)	20.3 (516)	21.3 (541)	29.1 (739)	238 (1536)	39/32 (31)

Titan ND LCM (E-3) or (E-3/L-3) & Titan MCS (E-3/L-3) continued

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
20.5-25	6NN521	E-3/L-3	16	17.00	2.0	58.9 (1496	21.7 (551)	23.4 (594)	25.5 (648)	315 (2032)	35/32 (28)
20.5-25	6NN921	E-3/L-3	20	17.00	2.0	58.9 (1496	21.7 (551)	23.4 (594)	25.5 (648)	315 (2032)	35/32 (28)
20.5-25	6NN921	E-3/L-3	20	17.00	2.0	58.9 (1496	21.7 (551)	23.4 (594)	25.5 (648)	315 (2032)	35/32 (28)
23.5-25	6NN923	E-3/L-3	20	19.50	2.5	62.0 (1575)	24.7 (627)	25.9 (658)	27.1 (688)	378 (2439)	39/32 (31)
26.5-25	6NN927	E-3/L-3	20	22.00	3.0	67.7 (1496)	27.9 (551)	29.9 (594)	28.3 (648)	466 (2032)	43/32 (34)
26.5-25	6NNT27	E-3/L-3	26	22.00	3.0	67.7 (1496)	27.9 (551)	29.9 (594)	28.3 (648)	466 (2032)	43/32 (34)
26.5-25	6NND27	E-3/L-3	44	22.00	3.0	67.7 (1496)	27.9 (551)	29.9 (594)	28.3 (648)	466 (2032)	43/32 (34)
29.5-25	6NNUW1	E-3/L-3	28	25.00	3.5	73.4 (1864)	30.5 (775)	32.0 (813)	31.8 (808)	571 (3684)	47/32 (37)
29.5-25	6NNXW1	E-3/L-3	34	25.00	3.5	73.4 (1864)	30.5 (775)	32.0 (813)	31.8 (808)	571 (3684)	47/32 (37)
29.5-29	6NDUW2	E-3	28	25.00	3.5	77.5 (1969)	30.3 (770)	31.7 (805)	34.3 (871)	535 (3452)	47/32 (37)
29.5-29	6NNXW2	E-3/L-3	34	25.00	3.5	77.5 (1969)	30.3 (770)	31.7 (805)	34.3 (871)	535 (3452)	47/32 (37)
29.5-35	6NDXW3	E-3	34	25.00	3.5	83. (2108)	30.2 (767)	31.7 (805)	37.7 (958)	472 (3045)	47/32 (37)
33.25-35	6NDAW5	E-3	38	27.00	3.5	88.6 (2250)	34.2 (869)	35.8 (909)	38.8 (986)	650 (4194)	53/32 (42)
33.25-35	6NNKW5	E-3/L-3	56	27.00	3.5	88.6 (2250)	34.2 (869)	35.8 (909)	38.8 (986)	650 (4194)	53/32 (42)
33.5-33	6NDDW6	E-3	44	28.00	4.0	86.9 (2207)	35.1 (892)	35.9 (912)	39.7 (1008)	708 (4568)	53/32 (28)
MCS											
20.5-25 (MCS)	6MCR21	E-3/L-3	24	17.00	2.0	58.9 (1496)	21.7 (551)	23.4 (594)	25.5 (648)	315 (2031)	35/32 (28)

Titan SL 100 (E-3) or (E-3/L-3)

- Center riding rib provides a smooth ride and improved lateral stability
- Non-directional tread design pattern provides excellent all round traction and long wear

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
33.25-29	6SLWW4	E-3/L-3	32	26.00 27.00	3.5	80.9 (2055)	34.5 (876)	36.3 (922)	35.8 (909)	644 (4155)	53/32 (42)
33.25-29	6SLAW4	E-3/L-3	38	26.00 27.00	3.5	80.9 (2055)	34.5 (876)	36.3 (922)	35.8 (909)	644 (4155)	53/32 (42)
37.25-35	6SLZW7	E-3	36	29.00	3.5	94.5 (2400)	37.2 (945)	39.6 (1006)	42.0 (1067)	864 (5575)	58/32 (46)

Bias Earthmoving

Titan MXL (E-3/L-3)

- Aggressive tread for optimal traction
- Sturdy tread elements for maximum torque transmission

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
20.5-25	43B921	E-3/L-3	20	17.00	2.0	59.4 (1507)	21.8 (554)	—	26.3 (668)	302 (1948)	48/32 (38.1)

Titan Super Rigger (E-3/L-3)

- Non-directional wide tread
- Long wearing tread compound for demanding material handling operations

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
13.00-24TG	49L333	E-3/L-3	12	9.00GR	—	50.8 (1290)	13.4 (340)	—	23.3 (592)	—	31/32 (25)
13.00-24TG	49L38A	E-3/L-3	16	9.00GR	—	50.8 (1290)	13.4 (340)	—	23.3 (592)	—	31/32 (25)
14.00-24TG	49L344	E-3/L-3	12	9.00GR	—	53.7 (1364)	15.3 (389)	—	23.8 (605)	—	32/32 (25)
14.00-24TG	49L3R4	E-3/L-3	16	9.00GR	—	53.7 (1364)	15.3 (389)	—	23.8 (605)	—	32/32 (25)

Titan Super Rigger LSW (E-3)

- LSW is a patented wheel and tire assembly designed to reduce vehicle bounce, reduce loping and improve lateral stability
- Features low aspect ratio tire and large wheel
- Requires LSW wheel

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
LSW330-851	G9L333	E-3	12	10.00	—	51.5 (1308)	13.5 (343)	—	23 (584)	—	31/32 (25)

Titan CM100 (E-3)

- Rock service tread designed for the challenges of large equipment demands
- Solid centerline tread pattern provides excellent cut resistance, smooth ride and extended wear

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
27.00-49	6M1F79	E-3	48	19.50	4.0	104.6 (2657)	29.7 (754)	32.0 (813)	47.9 (1217)	656 (4232)	53/32 (42)
37.5-39	6M1HW9	E-3	52	32.00	4.5	98.2 (2494)	38.9 (988)	41.0 (1041)	44.9 (1140)	795 (5129)	66/32 (52)

Titan Grizz 100 (E-3)

- Rock service tread designed for the challenges of large equipment demands
- Solid centerline tread pattern provides excellent cut resistance, smooth ride and extended wear

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
30-56.5	6M1F50	E-3	48	22.00	15°	104.6 (2657)E	29.0 (737)E	31.3 (795)E	47.9E (1217)E	656E (4232)E	53/32 (42)

Titan XG-3 (E-3)

- All purpose design for traction and flotation
- Solid centerline provides excellent lateral stability

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
37.25-35	6X3ZW7	E-3	36	29.00	3.5	94.6 (2403)	37.6 (955)	39.8 (1011)	41.9 (1064)	802 (5175)	58/32 (46)

Bias Earthmoving

Titan Super LCM (E-4)

- Increased tread depth provides extended tread life and exceptional resistance to rock type damage
- Direction tread design provides excellent traction

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
14.00-24NHS *	6LC944	E-4	20	10.00	2.0	54.0 (1372)	15.4 (391)	16.2 (411)	26.1 (663)	174 (1123)	55/32 (44)
14.00-25NHS *	6LC960	E-4	20	10.00	1.5	55.7 (1415)	15.3 (389)	16.2 (411)	25.8 (655)	174 (1123)	55/32 (44)
16.00-25	6LCU65	E-4	28	11.25	2.0	59.6 (1514)	17.5 (445)	18.5 (470)	27.6 (701)	204 (1316)	52/32 (41)
18.00-49	6LCW89	E-4	32	13.00	2.75	89.1 (2263)	19.3 (490)	21.2 (538)	41.2 (1046)	293 (1990)	66/32 (52)

*Tube Type

Titan ND Super LCM (E-4) or (E-4/L-4)

- Non-directional tread design with center riding rib provides excellent all round traction and lateral stability
- Increased tread depth provides extended tread life and exceptional resistance to rock type damage

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
18.00-25	6U4W18	E-4	32	13.00	2.5	64.7 (1643)	20.0 (508)	21.7 (551)	28.9 (734)	246 (1587)	66/32 (52)
18.00-25	6UNB18	E-4/L-4	40	13.00	2.5	64.7 (1643)	20.0 (508)	21.7 (551)	28.9 (734)	246 (1587)	66/32 (52)
18.00-33	6U4W83	E-4	32	13.00	2.5	73.0 (1854)	20.0 (508)	21.3 (541)	32.8 (833)	289 (1865)	66/32 (52)
21.00-49	6U4Z24	E-4	36	15.00	3.0	94.4 (2398)	22.8 (579)	24.3 (617)	43.7 (1110)	442 (2952)	66/32 (52)

Titan CM 150 (E-4)

- Deep, non-directional tread provides excellent rock type damage resistance and long tread life
- Solid centerline tread pattern provides smooth ride and excellent lateral traction on high tonnage vehicles

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
18.00-33	6M5W83	E-4	32	13.00	2.5	73.8 (1875)	20.4 (518)	21.5 (546)	34.9 (886)	314 (2000)	71/32 (56)

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
21.00-35	6M5Z25	E-4	36	15.00	3.0	81.0 (2057)	23.5 (597)	24.8 (630)	37.4 (950)	400 (2581)	71/32 (56)
24.00-35	6M5C43	E-4	42	17.00	3.5	81.1 (2060)	23.6 (599)	27.8 (706)	39.6 (1005)	428 (2761)	70/32 (56)
24.00-35	6M5F43	E-4	48	17.00	3.5	81.1 (2060)	23.6 (599)	27.8 (706)	39.6 (1005)	428 (2761)	70/32 (56)
24.00-49	6M5F49	E-4	48	17.00	3.5	100.8 (2560)	26.5 (673)	28.0 (711)	46.9 (1191)	532 (3432)	70/32 (56)
27.00-49	6M5F79	E-4	48	19.50	4.0	106.5 (2705)	30.3 (769)	32.0 (812)	49.3 (1252)	683 (4407)	78/32 (62)
30.00-51	6M5H30	E-4	52	22.00	4.5	114.4 (2905)	32.5 (825)	34.8 (883)	52.7 (1399)	816 (5265)	85/32 (68)
33.00-51	6M5J35	E-4	58	24.00	5.0	119.1 (3025)	35.9 (912)	38.2 (970)	54.7 (1389)	1053 (6794)	98/32 (78)
33.25-35	6M5AW5	E-4	38	27.00	3.5	89.3 (2268)	34.2 (868)	36.6 (929)	39.8 (1011)	700 (4516)	78/32 (62)
33.25-35	6M5DW5	E-4	44	27.00	3.5	89.3 (2268)	34.2 (868)	36.6 (929)	39.8 (1011)	700 (4516)	78/32 (62)
37.25-35	6M5ZW7	E-4	36	31.00	3.5	94.3 (2395)	36.1 (916)	38.3 (972)	42.0 (1067)	905 (5839)	87/32 (69)

Titan Quarry Special CM 150 (E-4) or (E-4/L-4)

- Special tread compound with excellent chip andcut resistance from shot rock
- Tread designed for traction with deep lugs and center riding rib for smoother ride

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
18.00-33	6QSW83	E-4	32	13.00	2.5	73.8 (1875)	20.4 (518)	21.5 (546)	34.9 (886)	314 (2000)	71/32 (56)
21.00-35	6QSZ25	E-4	36	15.00	3.0	81.0 (2057)	23.5 (597)	24.8 (630)	37.4 (950)	400 (2581)	71/32 (56)
24.00-35	6QSC43	E-4	42	17.00	3.5	81.1 (2060)	23.6 (599)	27.8 (706)	39.6 (1005)	428 (2761)	70/32 (56)
24.00-35	6QSF43	E-4	48	17.00	3.5	81.1 (2060)	23.6 (599)	27.8 (706)	39.6 (1005)	428 (2761)	70/32 (56)
24.00-49	6QSF49	E-4	48	17.00	3.5	100.8 (2560)	26.5 (673)	28.0 (711)	39.6 (1005)	428 (2761)	70/32 (56)
27.00-49	6QSF79	E-4/L-4	48	19.50	4.0	106.5 (2705)	30.3 (769)	32.0 (812)	49.3 (1252)	683 (4407)	78/32 (62)
30.00-51	6QSH30	E-4	52	19.50	4.0	106.5 (2705)	30.3 (769)	32.0 (812)	49.3 (1252)	683 (4407)	78/32 (62)
33.00-51	6QSJ35	E-4	58	24.00	5.0	119.1 (3025)	35.9 (912)	38.2 (970)	54.7 (1389)	1053 (6794)	98/32 (78)

Bias Earthmoving

Titan CH 150 (E-4/L-4)

- Deep, non-directional tread provides excellent rock type damage resistance and long tread life
- Solid centerline tread pattern provides smooth ride and excellent lateral traction

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
18.00-25	6HLB18TTB	E-4/L-4	40	13.00	2.5	61.5 (1654)	20.4 (518)	21.7 (551)	29.7 (754)	—	66/32 (52)

Tread A

Tread B

Titan Super Sand Flotation (E-7)

- Rib design provides excellent steering stability and improved lateral traction
- Shallow tread depth provides excellent heat dissipation
- Designed for paving applications

Tire Size	Tread Style	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
14.00-20DT	A	6DT0D4	E-7	10	10.00W	1.8	47.8 (1219)	15.6 (384)	17.0 (432)	20.8 (503)	166 (1523)	12/32 (10)
14.00-20DT	A	SSF0D4	E-7	10	10.00W	1.8	47.8 (1219)	15.6 (384)	17.0 (432)	20.8 (503)	166 (1523)	12/32 (10)
16.00-24DT	A	6DT1D6	E-7	12	10.00W	2.0	57.1 (1450)	18.7 (475)	20.5 (516)	24.4 (620)	393 (2536)	14/32 (11)
18.00-25DT	B	6DT5D8	E-7	16	10.00	1.5	59.2 (1504)	19.8 (503)	23.1 (587)	24.2 (615)	306 (1974)	15/32 (12)
18.00-25DT	B	6DT9D8	E-7	20	10.00	1.5	59.2 (1504)	19.8 (503)	23.1 (587)	24.2 (615)	306 (1974)	15/32 (12)
21.00-25DT	B	6DTUK2	E-7	28	15.00	3.0	66.7 (1693)	23.1 (587)	24.9 (631)	28.5 (723)	423 (2729)	32/32 (25)

Grader Service Tires

The “G” series type tires are used primarily on motor graders in all types of applications. These tires are designed for speeds up to 25 mph and unlimited distance. G-2 traction design tires have open tread patterns designed to provide good traction.

Titan Loader Grader/Loader Grader III (G-2) or (L-2/G-2)

- Interlocking center lugs provide excellent steering stability in soft ground
- Open shoulders provide excellent traction and self-cleaning

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
13.00-24TG	LG3333	G-2	12	8.0TG	—	51.0 (1295)	14.1 (358)	15.2 (386)	23.4 (594)	175 (1129)	29/32 (23)
14.00-24TG	LG3344	G-2	12	8.0TG	—	53.6 (1361)	14.4 (366)	16.1 (409)	24.0 (609)	190 (1226)	31/32 (25)
15.5-25	LG3120	L-2/G-2	12	12.00	1.3	50.0 (1270)	15.4 (394)	16.2 (413)	22.55 (573)	160 (1032)	30/32 (24)
16.00-24TG *	61G566	G-2	16	10.00VA	–	58.7 (1490)	17.6 (447)	18.9 (480)	26.3 (668)	291 (1878)	33/32 (26)
17.5-25	LG3117	L-2/G-2	12	14.00	1.5	52.8 (1341)	17.25 (438)	18.3 (409)	23.6 (599)	203 (1290)	32/32 (25)
17.5-25	LG3517	L-2/G-2	16	14.00	1.5	52.8 (1341)	17.25 (438)	18.3 (409)	23.6 (599)	203 (1290)	32/32 (25)
17.5-25	LG3917	L-2/G-2	20	14.00	1.5	52.8 (1341)	17.25 (438)	18.3 (409)	23.6 (599)	203 (1290)	32/32 (25)
20.5-25 *	61L121	L-2	12	17.00	2.0	59.0 (1499)	21.1 (536)	22.7 (577)	27.8 (706)	387 (2496)	35/32 (28)

*Loader Grader

Titan Motor Grader HD (L-2/G-2)

- Proven performance tread design with massive lugs, large center overlap to resist buckling, tearing and cracking
- Very durable and resistant to punctures, features a heavy duty tubeless construction

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Width Code	Flange Height Code	Outside Diameter in (mm)	Section Width in (mm)	Static Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
13.00-24TG	367333	L-2/G-2	12	8.00TG	—	50.8 (1290)	13.8 (351)	—	23.1 (587)	—	29/32 (23)
13.00-24TG	36738A	L-2/G-2	16	8.00TG	—	50.8 (1290)	13.8 (351)	—	23.1 (587)	—	29/32 (23)
14.00-24TG	367344	L-2/G-2	12	10.00VA	—	53.0 (1346)	15.1 (384)	—	24.0 (610)	—	31/32 (25)
14.00-24TG	3673R7	L-2/G-2	14	10.00VA	—	53.0 (1346)	15.1 (384)	—	24.0 (610)	—	31/32 (25)

Bias Grader Service

Titan Super Grader (G-2/L-2)

- Directional, open tread design is self cleaning, providing excellent traction

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
16.00-24TG	3SG666	L-2/G-2	16	10.00VA	—	58.8 (1494)	17.5 (445)	—	26.1 (663)	—	35/32 (28)

Titan LSW G8L (G-2)

- LSW G8L G-2 is a patented wheel and tire assembly designed to reduce vehicle bounce, reduce loping and improve lateral stability
- Features low aspect ratio tire and large wheel
- Lower side wall
- Requires LSW rims

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Inflation Pressure PSI (bar)	Max Load mph (kph)	Max Load lbs (kg)	Outside Diameter in (mm)	Section Width in (mm)	Static Loaded Radius in (mm)	Tread Depth in (mm)
LSW 330-851	G8L333	G-2	12	10.00	44 (305)	25 (40)	6,000 (2750)	50.5 (1283)	12.4 (315)	22.6 (574)	29/32 (23)
LSW 330-851	G8L38A	G-2	16	10.00	54 (370)	25 (40)	7,150 (3245)	50.5 (1283)	12.4 (315)	22.6 (574)	29/32 (23)
LSW 360-851	G8L344	G-2	12	10.00	36 (250)	25 (40)	6,800 (3085)	52.9 (1344)	13.8 (351)	23.7 (602)	31/32 (25)
LSW 395-851	G8L120	G-2	12	317	36 (250)	25 (40)	5,840 (2650)	50.3 (1278)	15.5 (394)	22.7 (577)	29/32 (23)

Titan HD 2000II (G-2)

- Deeper non-skid depth guards against punctures and premature wearouts
- Six layer high tensile nylon construction creates one of the strongest tires in the industry
- Massive rim guard reduces damage
- Design ensures compatibility with steel

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Inflation Pressure PSI (bar)	Max Load mph (kph)	Max Load lbs (kg)	Outside Diameter in (mm)	Section Width in (mm)	Static Loaded Radius in (mm)	Tread Depth in (mm)
13.00-24TG	49E333	G-2	12	9.00GR	44 (3.1)	25 (40)	6,000 (2750)	50.6 (1285)	13.8 (351)	23 (584)	32/32 (25)
13.00-24TG	49E38A	G-2	16	9.00GR	54 (3.7)	25 (40)	7,150 (3245)	50.6 (1285)	13.8 (351)	23 (584)	32/32 (25)
14.00-24TG	49E344	G-2	12	9.00GR	36 (2.5)	25 (40)	6,800 (3085)	52.4 (1331)	14.9 (378)	24.5 (622)	38/32 (30)

Loader - Dozer Service Tires

The "L" series type tires are used on all size loaders and dozers in off-the-road applications. Most loader type tires, because of their extremely heavy construction, are limited to very low speeds, less than 5 mph, and very short distances, less than 250 feet.

L-2 traction design tires have open tread patterns designed to provide good traction in sand and soft, loose materials.
L-3 rock design tires are designed to offer good resistance to rock type damage plus good traction in general purpose loader operations.
L-4 rock design tires feature tread depths that are 1.5 times deeper than the regular L-3 tread depth tires. This increased tread mass gives extended tread life and exceptional resistance to rock type damage.
L-5 rock design tires feature tread depths that are 2.5 times deeper than the regular L-3 tread depth tires. This extremely heavy tread mass offers improved rock resistance and extended tread life in severe rock conditions.
L-5S solid design tires offer a massive tread for the ultimate in resisting rock damage and penetration. This tire is perfect for those applications where shoulder lug tearing has been a problem in the past or where protective chains are required.
L-5/L-5S is unique in that it offers both rock design pattern along with a smooth tread design. This design with the smooth design mounted on the outboard side of the loader provides exceptional tearing and cut resistance while providing additional traction.

Titan Loader Dozer II (L-2)

- Exceptional performance rating and heavy duty ply ratings
- Laterally designed lugs provide maximum, even traction along the length of the lug
- Lugs resist buckling, cracking and tearing

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
15.5-25	431120	L-2	12	12.00	1.3	49.9 (1267)	15.8 (401)	—	22.5 (572)	—	29/32 (23)
17.5-25	431117	L-2	12	14.00	1.5	51.7 (1313)	18.6 (472)	—	23.2 (589)	—	32/32 (25)
17.5-25	431517	L-2	16	14.00	1.5	51.7 (1313)	18.6 (472)	—	23.2 (589)	—	32/32 (25)
20.5-25	431121	L-2	12	17.00	2.0	56.3 (1430)	21.7 (551)	—	25 (635)	—	36/32 (29)
20.5-25	431521	L-2	16	17.00	2.0	56.3 (1430)	21.7 (551)	—	25 (635)	—	36/32 (29)
20.5-25	431921	L-2	20	17.00	2.0	56.3 (1430)	21.7 (551)	—	25 (635)	—	36/32 (29)
23.5-25	431123	L-2	12	19.50	2.5	63.5 (1613)	23.6 (599)	—	28.5 (724)	—	38/32 (30)
23.5-25	431523	L-2	16	19.50	2.5	63.5 (1613)	23.6 (599)	—	28.5 (724)	—	38/32 (30)
23.5-25	431923	L-2	20	19.50	2.5	63.5 (1613)	23.6 (599)	—	28.5 (724)	—	38/32 (30)

Titan Lift Rigger II (L-2)

- Combines thicker, self-cleaning lugs in a directional pattern with a low aspect ratio
- Greater lateral stability and flotation than conventional aerial lift tires

Tire Size	Catalog Number	Industry Code	Load/ Spped Index	Rim Code	Inflation Pressure PSI (bar)	Max Load mph (kph)	Max Load lbs (kg)	Outside Diameter in (mm)	Section Width in (mm)	Static Loaded Radius in (mm)	Tread Depth in (mm)
400/70-20	43C34L	L-2	150 A8/B	14.00	61 (420)	25 (40)	7,150 (3245)	42.9 (1090)	15.9 (404)	19.3 (490)	33/32 (26)
LSW 400-648	G3C34L	L-2	149 A8/B	356	58 (400)	25 (40)	7,150 (3245)	42.9 (1090)	15.7 (399)	19.3 (490)	33/32 (26)

Bias Loader - Dozer Service

Titan Super Rigger (L-3/E-3)

- Non-directional wide tread
- Long wearing tread compound for demanding material handling operations

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
13.00-24TG	49L333	L-3/E-3	12	9.00GR	—	50.8 (1290)	13.4 (340)	—	23.3 (592)	—	31/32 (25)
13.00-24TG	49L38A	L-3/E-3	16	9.00GR	—	50.8 (1290)	13.4 (340)	—	23.3 (592)	—	31/32 (25)
14.00-24TG	49L344	L-3/E-3	12	9.00GR	—	53.7 (1364)	15.3 (389)	—	23.8 (605)	—	32/32 (25)
14.00-24TG	49L3R4	L-3/E-3	16	9.00GR	—	53.7 (1364)	15.3 (389)	—	23.8 (605)	—	32/32 (25)

Titan ND LCM (L-3) or (L-3/E-3)
Titan MCS LCM (L-3/E-3)

- Non-directional tread design with center riding rib provides excellent all round traction and lateral stability
- Rock service tread design provides resistance to rock damage and long tread life
- MCS – is specifically designed for mobile crane service for use in rough terrain applications

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
15.5-25	6NN120	E-3/L-3	12	12.00	1.3	50.3 (1278)	15.5 (394)	17.3 (439)	22.8 (579)	205E (1323)	30/32 (24)
16.00-25	6N3W65	L-3	32	11.25	2.0	59.0 (1499)	17.5 (445)	18.8 (478)	26.8 (681)	204 (1316)	35/32 (28)
17.5-25	6N3117	L-3	12	14.00	1.5	53.7 (1364)	17.5 (445)	19.2 (488)	23.5 (597)	264 (1703)	30/32 (24)
17.5-25	6N3R17	L-3	24	14.00	1.5	53.7 (1364)	17.5 (445)	19.2 (488)	23.5 (597)	264 (1703)	30/32 (24)
20.5-25	6NN521	L-3/E-3	16	17.00	2.0	59.3 (1506)	20.9 (531)	21.9 (556)	26.5 (673)	315 (2032)	35/32 (28)
20.5-25	6NN921	L-3/E-3	20	17.00	2.0	59.3 (1506)	20.9 (531)	21.9 (556)	26.5 (673)	315 (2032)	35/32 (28)
20.5-25	6NN921	L-3/E-3	20	17.00	2.0	59.3 (1506)	20.9 (531)	21.9 (556)	26.5 (673)	315 (2032)	35/32 (28)
23.5-25	6NN923	L-3/E-3	20	19.50	2.5	62.9 (1598)	25.0 (635)	25.5 (648)	27.6 (701)	378 (2439)	39/32 (31)
26.5-25	6NN927	L-3/E-3	20	22.00	3.0	67.7 (2634)	27.8 (706)	29.4 (747)	28.9 (734)	490 (3161)	43/32 (34)
26.5-25	6NNT27	L-3/E-3	26	22.00	3.0	67.7 (2634)	27.8 (706)	29.4 (747)	28.9 (734)	490 (3161)	43/32 (34)
26.5-25	6NND27	L-3/E-3	44	22.00	3.0	67.7 (2634)	27.8 (706)	29.4 (747)	28.9 (734)	490 (3161)	43/32 (34)
29.5-25	6NNUW1	L-3/E-3	28	25.00	3.0	74.1 (1877)	31.0 (787)	33.4 (848)	31.5 (800)	648 (4181)	47/32 (37)
29.5-25	6NNXW1	L-3/E-3	34	25.00	3.0	74.1 (1877)	31.0 (787)	33.4 (848)	31.5 (800)	648 (4181)	47/32 (37)
29.5-29	6NNXW2	L-3/E-3	34	25.00	3.5	73.4 (1864)	30.5 (775)	32.0 (813)	31.8 (808)	571 (3684)	47/32 (37)
33.25-35	6NNKW5	L-3/E-3	56	27.00	3.5	88.6 (2250)	34.2 (869)	35.8 (909)	38.8 (986)	650 (4194)	53/32 (42)
MCS											
20.5-25	6MCR21	L-3/E-3	24	17.00	2.0	58.9 (1496)	21.7 (551)	23.4 (594)	25.5 (648)	315 (2031)	35/32 (28)

Titan LD 100 (L-3)

- Solid centerline tread pattern provides excellent cut resistance, smooth ride and extended wear
- Non-directional tread design pattern provides excellent all round traction and long wear

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
20.5-25	6D1921	L-3	20	17.00	2.0	58.7 (1491)	21.6 (549)	23.3 (592)	25.8 (655)	345 (2225)	40/32 (32)
23.5-25	6D1923	L-3	20	19.50	2.5	62.9 (1598)	25.5 (648)	26.7 (678)	27.6 (701)	399 (2574)	43/32 (34)
26.5-25	6D1927	L-3	20	22.00	3.0	67.9 (1725)	28.7 (729)	30.6 (777)	29.7 (754)	513 (3310)	49/32 (39)
29.5-25	6D1UW1	L-3	28	25.00	3.5	73.7 (1872)	31.1 (790)	33.5 (851)	31.9 (810)	633 (4084)	56/32 (45)
29.5-25	6D1XW1	L-3	34	25.00	3.5	73.7 (1872)	31.1 (790)	33.5 (851)	31.9 (810)	633 (4084)	56/32 (45)

Titan SL 100 (E-3/L-3)

- Center riding rib provides a smooth ride and improved lateral stability
- Non-directional tread design pattern provides excellent all round traction and long wear

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
33.25-29	6SLWW4	E-3/L-3	32	27.00	3.5	80.9 (2055)	34.5 (876)	36.3 (922)	35.8 (909)	644 (4155)	53/32 (42)
33.25-29	6SLAW4	E-3/L-3	38	27.00	3.5	80.9 (2055)	34.5 (876)	36.3 (922)	35.8 (909)	644 (4155)	53/32 (42)

Titan MXL (E-3/L-3)

- Multiple nylon body ply construction for improved penetration resistance
- Large contact area for improved treadwear
- Lug design offers increased biting edges

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
20.5-25	43B921	E-3/L-3	20	17.00	2.0	59.4 (1507)	21.8 (554)	—	26.3 (668)	302 (1948)	48/32 (38.1)

Bias Loader - Dozer Service

Titan Super LCM (L-4)

- Deep tread depth and interlocking tread pattern provide long tread life plus exceptional traction

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
16.00-25	6L4W65TTB	L-4	32	11.25	2.0	59.6 (1514)	17.5 (445)	18.5 (470)	27.6 (701)	204 (1316)	52/32 (41)

Titan LD 150 (L-4)

- Deep tread provides excellent rock type damage resistance and long tread life
- Non-directional, solid centerline tread pattern provides excellent cut resistance, smooth ride and extended wear

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
23.5-25	6DE923	L-4	20	19.50	2.5	67.1 (1704)	25.1 (638)	26.8 (681)	30.1 (765)	449 (2896)	66/32 (52)
23.5-25	6DER23	L-4	24	19.50	2.5	67.1 (1704)	25.1 (638)	26.8 (681)	30.1 (765)	449 (2896)	66/32 (52)
26.5-25	6DET27	L-4	26	22.00	3.0	70.7 (1796)	27.6 (701)	29.6 (752)	31.5 (800)	539 (3477)	66/32 (52)
29.5-25	6DEUW1	L-4	28	25.00	3.5	75.5 (1918)	30.2 (767)	32.9 (836)	33.0 (838)	539 (3864)	70/32 (56)
29.5-29	6DEUW2	L-4	28	25.00	3.5	78.8 (2002)	30.2 (767)	32.9 (836)	33.0 (838)	539 (3864)	70/32 (56)
35/65-33*	6DLC6B	L-4	42	28.00	3.5	81.5 (2070)	35.1 (891)	36.8 (935)	36.6 (930)	658 (4244)	70/32 (56)

* (7x7 Belted)

Titan CH 150 (L-4/E-4)

- Deep, non-directional tread provides excellent rock type damage resistance and long tread life
- Solid centerline tread pattern provides smooth ride and excellent lateral traction

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
18.00-25	6HLB18	L-4/E-4	40	13.00	2.5	61.5 (1654)	20.4 (518)	21.7 (551)	29.7 (754)	---	66/32 (52)

Titan CM 150 (L-4)

- Deep tread depth, center running rib and massive lugs provide long tread life and low cost per hour with excellent traction

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
21.00-35	6MLC25	L-4	42	15.00	3.0	81.0 (2057)	23.5 (597)	24.8 (630)	37.4 (950)	400 (2581)	71/32 (56)

Titan LS 150

- Open, deep tread pattern provides excellent traction in extreme conditions
- Tread compound designed for increased resistance to tread chunking and tearing
- Steel belted construction provides excellent penetration resistance

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
725/70-25	LT45M6	L-4	16	22.00	3.0	65.8 (1672)	26.9 (684)	29.2 (742)	27.8 (707)	608 (3923)	72/32 (57)

Titan LD 250 CRB

Titan LD 250 Belted 7x7

Titan LD 250 (L-5) CRB
Titan LD 250 Belted (L-5) 7x7

- Extra deep tread provides excellent rock type damage resistance and long tread life
- Open non-directional tread pattern provides all round traction with excellent self-cleaning
- CRB - Features Aralon Cut Resistant Breaker construction, which provides increased strength and durability without sacrificing heat resistance
- Belted 7x7 - Features 7x7 steel belted construction, which provides increased cut resistance and extended wear

	Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
CRB	20.5-25	6DA921	L-5	20	17.00	2.0	61.3 (1557)	21.4 (544)	23.1 (587)	27.7 (704)	294 (1897)	89/32 (71)
	23.5-25	6DA923	L-5	20	19.50	2.5	66.4 (1686)	24.9 (632)	26.5 (673)	29.6 (752)	400 (2580)	95/32 (75)
	26.5-25	6DAT27	L-5	26	22.00	3.0	71.5 (1816)	28.1 (714)	29.7 (754)	31.9 (810)	490 (3161)	105/32 (83)
	29.5-25	6DAUW1	L-5	28	25.00	3.5	75.1 (1908)	30.1 (765)	32.3 (820)	32.9 (836)	673 (4341)	128/32 (102)
	29.5-29	6DAUW2	L-5	28	25.00	3.5	79.1 (2009)	30.0 (762)	31.8 (808)	35.5 (902)	669 (4315)	115/32 (91)
	37.25-35	6DACW7	L-5	42	31.00	4.0	96.6 (2454)	37.5 (953)	39.9 (1013)	43.7 (1110)	961 (6200)	141/32 (112)
Belted	35/65-33	6DBC6B	L-5	42	28.00	3.5	81.2 (2085)	33.9 (861)	35.3 (897)	36.8 (935)	722 (4657)	115/32 (91)
	40/65-39	6DBV6C	L-5	30	32.00	4.0	93.8 (2383)	39.8 (1011)	41.1 (1044)	42.1 (1069)	963 (6213)	128/32 (102)
	45/65-45	6DBJ7E	L-5	58	36.00	4.5	106.9 (2715)	42.4 (1077)	44.9 (1140)	48.1 (1222)	1193 (7695)	140/32 (111)
	41.25/70-39	6DBC6D	L-5	42	32.00	4.5	99.1 (2207)	40.2 (1021)	42.7 (1085)	45.2 (1148)	1041 (7614)	140/32 (111)

Bias Loader - Dozer Service

Titan LD 250 CRB

Titan LD 250 Belted 7x7

Titan LD 250 Haf-Trac (L-5/L-5S) CRB
Titan LD 250 Haf-Trac Belted (L-5/L-5S) 7x7

- Extra deep tread depth provides long tread life in extreme conditions
- Smooth tread used on the outside provides excellent rock type damage resistance, while the pattern on the inside provides increased traction
- CRB - Features Aralon Cut Resistant Breaker construction, which provides increased strength and durability without sacrificing heat resistance
- Belted 7x7 - Features 7x7 steel belted construction, which provides increased cut resistance and extended wear

	Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
CRB	29.5-29	6HAUW2	L-5/L-5S	28	25.00	3.5	78.9 (2004)	30.2 (767)	32.2 (818)	35.0 (889)	608 (3293)	115/32 (91)
Belted	35/65-33	6HBC6B	L-5/L-5S	42	28.00	3.5	81.9 (2080)	34.6 (879)	36.1 (916)	36.6 (930)	715 (4611)	115/32 (91)
	45/65-45	6HBJ7E	L-5/L-5S	58	36.00	4.5	107.8 (2738)	42.7 (1085)	44.3 (1125)	48.5 (1232)	1325 (8546)	142/32 (113)

Titan LD 250 Super Smooth (L-5S) CRB
Titan LD 250 Super Smooth (L-5S) CAB
Titan LD 250 Super Smooth Belted (L-5S) 7x7

- Extra deep tread depth provides long tread life in extreme conditions
- Smooth tread design provides the maximum rock type damage resistance
- CRB - Features Aralon Cut Resistant Breaker construction, which provides increased strength and durability without sacrificing heat resistance
- CAB - Features Cushion Armor Breaker steel belted construction, which gives increased cut resistance
- Belted 7x7 - Features 7x7 steel belted construction, which provides increased cut resistance and extended wear

	Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
CRB	20.5-25	6WA921	L-5/L-5S	20	17.00	2.0	61.3 (1557)	21.4 (544)	23.1 (587)	27.7 (704)	260 (1678)	86/32 (68)
	23.5-25	6WAR23	L-5/L-5S	24	19.50	2.5	66.2 (1681)	24.5 (632)	26.5 (673)	29.8 (757)	354 (2284)	95/32 (75)
	26.5-25	6WAW27	L-5/L-5S	32	22.00	3.0	70.9 (1801)	28.0 (711)	29.2 (742)	32.4 (823)	329 (2123)	105/32 (83)
	29.5-29	6WAXW2	L-5/L-5S	34	25.00	3.5	79.3 (2014)	30.2 (767)	32.2 (818)	35.0 (889)	608 (3923)	115/32 (91)
CAB	29.5-25	6WAUW1	L-5/L-5S	28	25.00	3.5	75.1 (1908)	30.0 (702)	31.9 (810)	33.5 (851)	575 (3710)	128/32 (102)
	29.5-25	6WAXW1	L-5/L-5S	34	25.00	3.5	75.1 (1908)	30.0 (702)	31.9 (810)	33.5 (851)	575 (3710)	128/32 (102)
Belted	35/65-33	6SBC6B	L-5/L-5S	42	28.00	3.5	82.5 (2096)	35.7 (907)	37.5 (953)	36.7 (932)	755 (4871)	115/32 (91)
	40/65-39	6SBV6C	L-5/L-5S	30	32.00	4.0	93.8 (2383)	39.8 (1011)	41.1 (1044)	42.1 (1069)	963 (6213)	128/32 (102)
	41.25/70-39	6SBC6D	L-5/L-5S	42	32.00	4.5	99.3 (2522)	41.6 (1057)	43.5 (1105)	45.2 (1148)	1100 (7097)	140/32 (111)
	45/65-45	6SBJ7E	L-5/L-5S	58	36.00	4.5	108.8 (2764)	44.0 (1118)	46.2 (1173)	48.7 (1237)	1397 (9013)	142/32 (113)

Container Handling Tires

Bias-ply container handling tires are designed with high ply rating construction featuring an enlarged bead for increased stability in heavy service. Optional compound choices include: "Value Engineered" VE610 tread designed for long wear on concrete and asphalt, or "General Purpose" for all applications where the surface is not improved.

Titan LCM (L-3)

- Compact tread design provides excellent tread wear
- Directional tread design provides excellent traction

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
VE610											
14.00-24NHS	6C1U44	L-3	28	10.00W	---	54.2 (1377)	15.4 (391)	16.1 (409)	25.3 (643)	180 (1161)	31/32 (25)
21.00-25	6C1B22	L-3	40	15.00	3.0	70.7 (1796)	23.6 (599)	25.4 (645)	31.1 (790)	467 (3013)	43/32 (34)
GENERAL PURPOSE											
14.00-24NHS	6CLU44	L-3	28	10.00W	---	54.2 (1377)	15.4 (391)	16.1 (409)	25.3 (643)	180 (1161)	31/32 (25)

Titan ND LCM (L-3)

- Non-directional tread design with center riding rib provides excellent traction and stability
- Rock service tread design provides long tread life

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
VE610											
16.00-25	6N6W65	L-3	32	11.25	2.0	59 (1499)	17.5 (445)	18.8 (478)	26.8 (681)	204 (1316)	35/32 (28)
GENERAL PURPOSE											
16.00-25	6N3W65	L-3	32	11.25	2.0	59 (1499)	17.5 (445)	18.8 (478)	26.8 (681)	204 (1316)	35/32 (28)

Bias Container Handling

Titan Super LCM (L-4)

- Deep tread depth provides extended tread life
- Interlocking directional tread pattern provides excellent traction

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
VE610											
14.00-24NHS	6U6R44	L-4	24	10.00W	---	54 (1372)	15.4 (391)	16.2 (411)	26.1 (663)	174 (1123)	55/32 (44)
16.00-25	6U6W65	L-4	32	11.25	2.0	59.6 (1514)	17.5 (445)	18.5 (470)	27.6 (701)	204 (1316)	52/32 (41)
GENERAL PURPOSE											
16.00-25	6L4W65	L-4	32	11.25	2.0	59.6 (1514)	17.5 (445)	18.5 (470)	27.6 (701)	204 (1316)	52/32 (41)

Titan CH 150 (L-4) or (L-4/E-4)

- Deep, non-directional tread provides excellent damage resistance and long tread life
- Solid centerline tread pattern provides smooth ride and excellent lateral traction

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
VE610											
18.00-25	6H6B18	L-4	40	13.00	2.5	61.5 (1654)	20.4 (518)	21.7 (551)	29.7 (754)	---	66/32 (52)
GENERAL PURPOSE											
18.00-25	6HLB18	L-4/E-4	40	13.00	2.5	61.5 (1654)	20.4 (518)	21.7 (551)	29.7 (754)	---	66/32 (52)

Titan CM 150 (L-4)

- Deep, non-directional tread provides excellent rock type damage resistance and long tread life
- Solid centerline tread pattern provides smooth ride and excellent lateral traction

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
VE610											
18.00-33	6M6B83	L-4	40	13.00	2.5	73.8 (1875)	20.4 (518)	21.5 (546)	34.9 (886)	314 (2026)	71/32 (56)

Titan CM 150 (L-4) continued

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
21.00-35	6M6Z25	L-4	36	15.00	3.0	81.0 (2057)	23.5 (597)	24.8 (630)	37.4 (950)	400 (2581)	71/32 (56)
GENERAL PURPOSE											
18.00-33	6M5B83	E-4/L-4	40	13.00	2.5	73.8 (1875)	20.4 (518)	21.5 (546)	34.9 (886)	314 (2026)	71/32 (56)
21.00-35	6MLC25	L-4	42	15.00	3.0	81.0 (2057)	23.5 (597)	24.8 (630)	37.4 (950)	400 (2581)	71/32 (56)

Titan Super Smooth (L-4S)

- Deep tread depth provides extended tread life
- Smooth tread design provides maximum damage resistance

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
VE610											
18.00-25	646B18	L-4S	40	13.00	2.5	65.7 (1669)	19.8 (503)	21.66 (549)	29.6 (752)	282 (1819)	66/32 (52)
18.00-33	646B83	L-4S	40	13.00	2.5	73.8 (1875)	20.5 (521)	21.6 (549)	34.9 (886)	314 (2026)	66/32 (52)
GENERAL PURPOSE											
18.00-25	64SB18	L-4S	40	13.00	2.5	65.7 (1669)	19.8 (503)	21.66 (549)	29.6 (752)	282 (1819)	66/32 (52)

Titan Super Smooth (L-5S)

- Extra deep tread depth provides long tread life
- Smooth tread design provides the maximum damage resistance

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in² (cm²)	Tread Depth in (mm)
VE610											
18.00-25	656B18	L-5S	40	13.00	2.5	65.7 (1669)	19.8 (503)	21.5 (546)	29.7 (755)	275 (1774)	99/32 (79)
GENERAL PURPOSE											
18.00-25	65SB18	L-5S	40	13.00	2.5	65.7 (1669)	19.8 (503)	21.5 (546)	29.7 (755)	275 (1774)	99/32 (79)

Bias Underground Mine / Material Handling

Titan LD 250 Super Smooth UGM (L-5S)

- Super smooth tread pattern gives the maximum rock type damage resistance
- New underground mine compound

Tire Size	Catalog Number	Industry Code	Ply Rating	Rim Code	Flange Code	Outside Diameter in (mm)	Section Width in (mm)	Section Width Loaded in (mm)	Static Loaded Radius in (mm)	Gross Footprint Area in^2 (cm^2)	Tread Depth in (mm)
12.00-24NHS	SBT912	L-5S	20	8.50	---	48.3 (1227)	12.5 (318)	14.0E (356)	21.8 (554)	---	46/32 (37)
14.00-24NHS	SBT914	L-5S	20	10.00 W	---	54.1 (1373)	15.6 (396)	---	24.9 (632)	198 (5029)	102/32 (81)
17.5-25	SBT917	L-5S	20	14.00	1.5	55.2E (1402)	18.0E (457)	20.7E (526)	24.6E (625)	---	104/32 (83)
17.5-25	SBTR17	L-5S	24	14.00	1.5	55.2E (1402)	18.0E (457)	20.7E (526)	24.6E (625)	---	104/32 (83)
18.00-25	UGMW18	L-5S	32	13.00	2.5	65.7 (1669)	19.8 (503)	21.5 (546)	29.7 (755)	275 (1774)	99/32 (79)
20.5-25	6SU921	L-5S	20	17.00	2.0	61.3 (1557)	21.3 (544)	23.1 (587)	27.7 (704)	260 (1678)	86/32 (68)
23.5-25	6sUR23	L-5S	24	19.50	2.5	66.2 (1681)	24.5 (632)	26.5 (673)	29.8 (757)	354 (2284)	95/32 (75)
26.5-25	6SUW27	L-5S	32	22.00	3.0	70.9 (1801)	28.0 (711)	29.2 (742)	32.4 (823)	329 (2123)	105/32 (83)
29.5-25+	6CUXW1	L-5S	34	25.00	3.5	75.1 (1908)	30.0 (762)	31.9 (810)	33.5 (851)	575 (3710)	128/32 (102)
29.5-29	6SUXW2	L-5S	34	25.00	3.5	79.3 (2014)	30.2 (767)	32.2 (818)	35.0 (889)	608 (3923)	115/32 (91)
35/65-33 (BELTED)	67UC6B	L-5S	42	28.00	3.5	82.5 (2096)	35.7 (907)	37.5 (953)	36.7 (932)	755 (4871)	115/32 (91)

+CAB-steel belted construction

Titan Industrial Deep Traction

- For extra heavy-duty applications requiring a narrow tire option for mining use
- Designed to withstand long, extended runs, this tire is easily one of the best tires for performance and durability
- Its unique broken bar/solid bar lug design provides increased footprint for better braking, handling and load distribution

Tire Size	Catalog Number	Ply Rating*	Rim Width	Section Width in (mm)	Outside Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Tread Depth in (mm)
6.90/6.00-9NHS	454204F	10	5.50	6.9 (175)	21.9 (556)	9.7 (246)	65 (1651)	19/32 (15)
6.50-10NHS	454263F	10	5.00	7.4 (188)	23.4 (594)	10.4 (264)	69 (1753)	20/32 (16)
7.50-10NHS	454287F	12	5.50	8.4 (213)	25.5 (648)	11.3 (287)	75 (1905)	22/32 (17)
7.00-12NHS	454212F	12	5.00	7.8 (198)	27.4 (696)	12.2 (310)	81 (2057)	21/32 (17)
7.00-12NHS	4542D7F	14	5.00	7.8 (198)	27.4 (696)	12.2 (310)	81 (2057)	21/32 (17)
7.50-15NHS	454269F	12	6.00	8.6 (218)	31.7 (805)	14.3 (363)	94 (2388)	22/32 (17)
8.25-15NHS	454231F	12	6.50	9.8 (249)	33.6 (853)	14.8 (376)	99 (2515)	23/32 (18)
8.25-15NHS	4542D5F	14	6.50	9.8 (249)	33.6 (853)	14.8 (276)	99 (2515)	23/32 (18)
29x8-15NHS	454216F	12	5.50	7.5 (191)	29.2 (742)	13.3 (338)	87 (2210)	125/32 (99)
30x8-15NHS	454251F	12	6.00	8.1 (206)	30.1 (765)	13.6 (345)	89 (2261)	125/32 (99)

*See Material Handling Tables for loads at various conditions on p. 72

Bias Underground Mine / Material Handling

Titan T44

- Has proven success in the material handling and mining industries
- T44 also affords a comfortable ride with an extra thick carcass for better shock absorption
- Features an increased tread for better stability

Tire Size	TL/ TT	Catalog Number	Ply Rating*	Rim Width	Section Width in (mm)	Outside Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Tread Depth in (mm)
44x18.00-20NHS	TL	44T3K1	32	15.00T	18.7 (475)	43.6 (1107)	19.6 (498)	129 (3277)	38/32 (30)
42x21.00-22NHS	TL	44T3J5	32	18.00	19.8 (503)	43.8 (1113)	19.8 (503)	130 (3302)	25/32 (20)

*See Material Handling Tables for loads at various conditions on p. 78

Titan TT472

- The ultimate performance forklift tire
- Increased skid depth, a wider, flatter profile and a reinforced rim guard provides needed performance for the increased demands of the forklift industry

Tire Size	Catalog Number	Ply Rating*	Rim Width	Section Width in (mm)	Outside Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Tread Depth in (mm)
10.00-20NHS	472224F	18	7.50	10.9 (277)	42.2 (1072)	19.2 (488)	125 (3175)	38/32 (30)
12.00-20NHS	4722A7F	20	8.50	12.4 (315)	46.2 (1173)	20.9 (531)	136 (3454)	41/32 (33)

*See Material Handling Tables for loads at various conditions on p. 78

Titan T40

- Designed for use with material handling and mining equipment
- Excellent flotation and load distribution properties

Tire Size	Catalog Number	Ply Rating*	Rim Width	Section Width in (mm)	Outside Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Tread Depth in (mm)
32x12-15NHS	44P226F	20	9.75	11.5 (292)	32.2 (818)	14.5 (368)	96 (2438)	32/32 (25)
35x15-15NHS **	44P377	28	10.50	14.8 (376)	34.9 (886)	15.6 (396)	103 (2616)	29/32 (23)

*See Material Handling Tables for loads at various conditions on p. 78
**Tubeless

Bias Underground Mine / Material Handling

Titan PWT

- With a proven record in the material handling and mining industries, the Premium Wide Trac features a non-directional lug design suited for vehicle drive or steer position
- Heavy duty sidewall

Tire Size	Catalog Number	Ply Rating*	Rim Width	Section Width in (mm)	Outside Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Tread Depth in (mm)
28x9-15NHS	44P2B5F	12	7.00	8.8 (224)	27.3 (693)	12.5 (318)	81 (2057)	18/32 (14)
28x12-15NHS	44P262F	20	9.75	11.5 (292)	28.1 (714)	12.8 (325)	84 (2134)	24/32 (19)
32x15-15NHS **	44P3G7	24	11.50	14.3 (363)	33.1 (841)	14.8 (376)	98 (2489)	32/32 (25)
36x11-15NHS	44P2F9F	16	7.50	10.9 (277)	36 (914)	16 (406)	106 (2692)	29/32 (23)
36x11-15NHS	44P6F9F	24	7.50	10.9 (277)	36 (914)	16 (406)	106 (2692)	29/32 (23)
9.00-20NHS	44P218F	12	7.00	10.6 (269)	41 (1041)	18.5 (470)	121 (3073)	25/32 (20)
9.00-20NHS	44P2E8F	14	7.00	10.6 (269)	41 (1041)	18.5 (470)	121 (3073)	25/32 (20)
10.00-20NHS	44P2E9F	16	7.50	11.6 (295)	42.1 (1069)	18.9 (480)	124 (3150)	25/32 (20)
11.00-20NHS	44P2E2F	16	8.00	11.4 (290)	43.1 (1095)	19.4 (493)	127 (3226)	26/32 (21)
12.00-20NHS	44P2E3F	18	8.50	13.1 (333)	44.8 (1138)	20 (508)	132 (3353)	32/32 (25)
12.00-20NHS	44P2A7F	20	8.50	13.1 (333)	44.8 (1138)	20 (508)	132 (3353)	32/32 (25)

*See Material Handling Tables for loads at various conditions on p. 78
** Tubeless

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

Tire Size	TL/ TT	Catalog Number	Ply Rating	Rim	20 mph / 5 mph Load/Inflation lbs. (PSI)		Outside Diameter in (mm)	Tire Width in (mm)	Width Loaded in (mm)	Static Loaded Radius in (mm)	Tread Depth in (mm)
18.4-26	TT	LL3056GYB	10	DW16A	5,680 @ 25 (2,575 @ 1.7)	7,950 @ 30 (3,600 @ 2.1)	58.2 (1478)	18.4 (467)	19.8 (503)	26.7 (678)	63/32 (50)
18.4-34	TT	LL3054GYB	10	DW16A	6,400 @ 25 (2,900 @ 1.7)	8,950 @ 30 (4,060 @ 2.1)	65.7 (1669)	18.4 (467)	19.8 (503)	29.9 (759)	63/32 (50)
23.1-26	TT	LL3586GYB	16	DW20A	9,900 @ 35 (4,500 @ 2.4)	13,900 @ 40 (6,300 @ 2.8)	64.2 (1631)	23.5 (597)	24.8 (630)	29.3 (744)	72/32 (57)
23.1-26 *	TL	YL3586GYB	16	DW20A	9,900 @ 35 (4,500 @ 2.4)	13,900 @ 40 (6,300 @ 2.8)	64.2 (1631)	23.5 (597)	24.8 (630)	29.3 (744)	72/32 (57)
24.5-32	TT	LL3599GYB	16	DH21	11,000 @ 30 (5,000 @ 2.1)	15,400 @ 35 (7,000 @ 2.4)	71.7 (1821)	25.2 (640)	26.4 (671)	32.7 (831)	64/32 (53)
24.5-32 *	TL	YL3599GYB	16	DH21	11,000 @ 30 (5,000 @ 2.1)	15,400 @ 35 (7,000 @ 2.4)	71.7 (1821)	25.2 (640)	26.4 (671)	32.7 (831)	64/32 (53)
28L-26	TT	LL3398GYB	14	DW25A	9,350 @ 25 (4,250 @ 1.7)	13,100 @ 30 (5,940 @ 2.1)	64.8 (1646)	28.0 (711)	28.8 (732)	29.3 (744)	74/32 (58)
28L-26	TT	LL3998GYB	20	DW25A	11,400 @ 35 (5,150 @ 2.4)	16,000 @ 40 (7,300 @ 2.8)	64.8 (1646)	28.0 (711)	28.8 (732)	29.3 (744)	74/32 (58)
28L-26 *	TL	YL3998GYB	20	DW25A	11,400 @ 35 (5,150 @ 2.4)	16,000 @ 40 (7,300 @ 2.8)	64.8 (1646)	28.0 (711)	28.8 (732)	29.3 (744)	74/32 (58)
30.5L-32	TT	LL3596GYB	16	DH31	11,700 @ 25 (5318 @ 1.7)	16,400 @ 30 (7455 @ 2.1)	74.0 (1880)	30.5 (775)	31.8 (808)	33.3 (846)	70/32 (56)
30.5L-32	TT	LL3996GYB	20	DH27	13,200 @ 30 (6,000 @ 2.1)	18,500 @ 35 (8,400 @ 2.4)	74 (1880)	30.5 (775)	31.8 (808)	33.3 (846)	70/32 (56)
30.5L-32	TL	YL3996GYB	20	DH27	13,200 @ 30 (6,000 @ 2.1)	18,500 @ 35 (8,400 @ 2.4)	74 (1880)	30.5 (775)	31.8 (808)	33.3 (846)	70/32 (56)
30.5L-32	TT	LL3T96GYB	26	DH27	15,700 @ 40 (7,100 @ 2.8)	22,000 @ 45 (10,000 @ 3.1)	74 (1880)	30.5 (775)	31.8 (808)	33.3 (846)	70/32 (56)
30.5L-32	TL	YL3T96GYB	26	DH27	15,700 @ 40 (7,100 @ 2.8)	22,000 @ 45 (10,000 @ 3.1)	74 (1880)	30.5 (775)	31.8 (808)	33.3 (846)	70/32 (56)
DH35.5L-32	TT	LL39D5GYB	20	DH31	16,100 @ 25 (7,300 @ 1.7)	22,500 @ 30 (10,200 @ 2.1)	78.9 (2004)	35.9 (912)	36.9 (937)	35.3 (897)	75/32 (60)
DH35.5L-32 *	TL	YL39D5GYB	20	DH31	16,100 @ 25 (7,300 @ 1.7)	22,500 @ 30 (10,200 @ 2.1)	78.9 (2004)	35.9 (912)	36.9 (937)	35.3 (897)	75/32 (60)
DH35.5L-32	TT	LL3TD5GYB	26	DH31	19,300 @ 35 (8,750 @ 2.4)	27,000 @ 40 (12,150 @ 2.8)	78.9 (2004)	35.9 (912)	36.9 (937)	35.3 (897)	75/32 (60)
DH35.5L-32	TL	YL3TD5GYB	26	DH31	19,300 @ 35 (8,750 @ 2.4)	27,000 @ 40 (12,150 @ 2.8)	78.9 (2004)	35.9 (912)	36.9 (937)	35.3 (897)	75/32 (60)

*minimum order quantity required

Bias Forestry

Goodyear Logger Lug III HD (LS-2)

- Four steel belted construction provides maximum impact and penetration resistance in heavy-duty service
- Optimal lug angle provides optimized balance between traction and cut resistance
- Special forestry compound for increased resistance to tread chunking and tearing

Tire Size	TL/ TT	Catalog Number	Ply Rating	Rim	20 mph	5 mph	Outside Diameter in (mm)	Tire Width in (mm)	Width Loaded in (mm)	Static Loaded Radius in (mm)	Depth in (32s)
					Load/Inflation lbs. (PSI)						
23.1-22	TT	LL7586GYB	16	DW20A	9,900 @ 35 (4,500 @ 2.4)	13,900 @ 40 (6,300 @ 2.8)	64.2 (1631)	23.5 (597)	24.8 (630)	29.3 (744)	72/32 (57)
24.5-32	TT	LL7799GYB	18	DH21	12,000 @ 35 (5,450 @ 2.4)	16,800 @ 40 (7,600 @ 2.8)	71.7 (1821)	25.2 (640)	26.4 (671)	32.7 (831)	64/32 (53)
28L-26	TT	LL7598GYB	16	DW25A	10,500 @ 30 (4,750 @ 2.1)	14,700 @ 35 (6,650 @ 2.4)	64.8 (1646)	28.0 (711)	28.8 (732)	29.3 (744)	74/32 (58)
28L-26	TT	LL7998GYB	20	DW25A	11,400 @ 35 (5,150 @ 2.4)	16,000 @ 40 (7,300 @ 2.8)	64.8 (1646)	28.0 (711)	28.8 (732)	29.3 (744)	74/32 (58)
28L-26 *	TL	YL7998GYB	20	DW25A	11,400 @ 35 (5,150 @ 2.4)	16,000 @ 40 (7,300 @ 2.8)	64.8 (1646)	28.0 (711)	28.8 (732)	29.3 (744)	74/32 (58)
30.5L-32	TT	LL7996GYB	20	DH27	13,200 @ 30 (6,000 @ 2.1)	18,500 @ 40 (8,400 @2.4)	74.0 (1880)	30.5 (775)	31.8 (808)	33.3 (846)	70/32 (56)
30.5L-32	TT	LL7T96GYB	26	DH27	15,700 @ 40 (7,100 @ 2.8)	22,000 @ 45 (10,000 @ 3.1)	74.0 (1880)	30.5 (775)	31.8 (808)	33.3 (846)	70/32 (56)
30.5L-32 *	TL	YL7T96GYB	26	DH27	15,700 @ 40 (7,100 @ 2.8)	22,000 @ 45 (10,000 @ 3.1)	74.0 (1880)	30.5 (775)	31.8 (808)	33.3 (846)	70/32 (56)
DH35.5L-32	TT	LL79D5GYB	20	DH31	16,100 @ 25 (7,300 @ 1.7)	22,500 @ 30 (10,200 @ 2.1)	78.9 (2004)	35.9 (912)	36.9 (937)	35.3 (897)	75/32 (60)
DH35.5L-32 *	TL	YL79D5GYB	20	DH31	16,100 @ 25 (7,300 @ 1.7)	22,500 @ 30 (10,200 @ 2.1)	78.9 (2004)	35.9 (912)	36.9 (937)	35.3 (897)	75/32 (60)
DH35.5L-32	TT	LL7TD5GYB	26	DH31	19,300 @ 35 (8,750 @ 2.4)	27,000 @ 40 (12,150 @ 2.8)	78.9 (2004)	35.9 (912)	36.9 (937)	35.3 (897)	75/32 (60)
DH35.5L-32 *	TL	YL7TD5GYB	26	DH31	19,300 @ 35 (8,750 @ 2.4)	27,000 @ 40 (12,150 @ 2.8)	78.9 (2004)	35.9 (912)	36.9 (937)	35.3 (897)	75/32 (60)

*minimum order quantity required

Goodyear Logger Lug III Flotation (HF-4)

- Extra wide tread for high flotation in wet terrain while providing low ground penetration to minimize environmental impact
- Special forestry compound for increased resistance to tread chunking and tearing
- Steel belt construction provides excellent penetration resistance

Tire Size	Catalog Number	Ply Rating	Rim	30 mph	5 mph	Outside Diameter in (mm)	Tire Width in (mm)	Width Loaded in (mm)	Static Loaded Radius in (mm)	Depth in (32s)
				Load/Inflation lbs. (PSI)						
66x43.00-25NHS	YL33F3GYB	14	36.00TH	12,300 @ 35 (5,600 @ 2.4)	19,400 @ 35 (8,800 @ 2.4)	69.4 (1763)	41.2 (1046)	41.5 (1054)	32.9 (836)	112/32 (89)
66x43.00-25NHS	YL33F6GYB	14	DW36A	12,000 @ 35 (5,450 @ 2.4)	19,400 @ 35 (8,800 @ 2.4)	69.4 (1763)	41.2 (1046)	41.5 (1054)	32.9 (836)	112/32 (89)
67x34.00-25NHS	YL33R3GYB	14	30.0TH	13,200 @ 40 (6,000 @ 2.8)	20,900 @ 40 (9,500 @ 2.8)	69.4 (1763)	34.1 (866)	34.4 (874)	32.2 (818)	118/32 (94)
67x34.00-25NHS	YL3R65GYB	14	DW30A	13,200 @ 40 (6,000 @ 2.8)	20,900 @ 40 (9,500 @ 2.8)	69.4 (1763)	34.1 (866)	34.4 (874)	32.2 (818)	118/32 (94)
DH73x44.00-32*	YL35R6GYB	16	DH36	15,200 @ 40 (6,900 @ 2.8)	24,000 @ 40 (10,900 @ 2.8)	74.9 (1902)	41.3 (1049)	41.4 (1052)	35.5 (902)	104/32 (83)
DH73x50.00-32*	YL35V6GYB	16	DH44	14,800 @ 35 (6,700 @ 2.4)	23,400 @ 35 (10,600 @ 2.4)	75.3 (1913)	50.1 (1273)	--	--	104/32 (83)

*HF-3+ Tread depth is greater than HF-3 but less than HF-4

Radial Backhoe


IT510


IT520


IT525


IT530

Goodyear IT510 (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 (R-4)

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

Goodyear IT525 (R-4)

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

Goodyear IT530 (R-4)

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

Tire Size	Catalog Number	Design	Industry Code	Load Rating	Inflation Pressure PSI (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width	Tire Width	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in^2 (cm^2)	Weight in (mm)	Tread Depth 32nd in.
340/80R18 *	4523T7001	IT520	R-4	136A8/B	46 (3.2)	30 (50)	4,940 (2,240)	11.00	13.1 (333)	39.7 (1008)	18.0 (457)	120 (3048)	145 (936)	140 (64)	30/32 (24)
340/80R18 *	4533T7001	IT530	R-4	136A8/B	46 (3.2)	30 (50)	4,940 (2,240)	11.00	13.1 (333)	39.7 (1008)	18.0 (457)	120 (3048)	145 (936)	140 (64)	30/32 (24)
400/70R18 *	4533ED001	IT530	R-4	147A8/B	58 (4.0)	30 (50)	6,800 (3,075)	13.00	15.9 (404)	40.0 (1016)	17.8 (452)	119 (3023)	110 (710)	66 (30)	33/32 (26)
440/80R24 *	452403001	IT520	R-4	154A8/B	46 (3.2)	30 (50)	8,250 (3,750)	14.00	17.4 (442)	51.7 (1313)	23.1 (587)	154 (3912)	192 (1239)	229 (104)	45/32 (36)
440/80R28 *	4524G3001	IT520	R-4	156A8/B	46 (3.2)	30 (50)	8,800 (4,000)	14.00	17.4 (442)	81.7 (2075)	23.1 (587)	154 (3912)	196 (1265)	255 (116)	45/32 (36)
440/80R28 *	4534G3001	IT530	R-4	156A8/B	46 (3.2)	30 (50)	8,800 (4,000)	14.00	17.4 (442)	51.7 (1313)	23.1 (587)	154 (3912)	209 (1349)	245 (111)	45/32 (36)
460/70R24 *	452A64001	IT520	R-4	152A8/B	44 (3.0)	30 (50)	7,400 (3,350)	14.00	18.3 (465)	42.9 (1250)	22.0 (559)	148 (3759)	212 (1368)	100 (45)	41/32 (33)
480/80R26 *	452456001	IT520	R-4	160A8/B	46 (3.2)	30 (50)	9,900 (4,500)	15.00	18.9 (480)	56.2 (1427)	25.1 (638)	168 (4267)	247 (1594)	276 (125)	46/32 (37)
480/80R26 *	453456001	IT530	R-4	160A8/B	46 (3.2)	30 (50)	9,900 (4,500)	15.00	19.1 (485)	56.2 (1427)	25.1 (638)	168 (4267)	247 (1594)	276 (125)	46/32 (37)
19.5LR24	451461GY	IT510	R-4	152A8/B	38 (2.8)	30 (50)	7,850 (3,550)	16.00	18.7 (475)	51.9 (1318)	22.8 (579)	156 (3962)	225 (1452)	254 (115)	33/32 (26)
500/70R24	452661GY	IT520	R-4	157A8/B	46 (3.2)	30 (50)	9,100 (4,125)	16.00	19.5 (495)	51.6 (1311)	23.0 (584)	154 (3912)	227 (1465)	254 (115)	44/32 (35)
500/70R24	453661GY	IT530	R-4	157A8/B	46 (3.2)	30 (50)	9,100 (4,125)	16.00	19.5 (495)	51.6 (1311)	23.0 (584)	154 (3912)	227 (1465)	236 (107)	34/32 (27)
500/85R24	45R464	IT525	R-4	171A8/B	61 (4.2)	30 (50)	13,600 (6,150)	16.00	18.1 (460)	--	--	--	--	--	34/32 (27)
500/85R24	452564	IT520	R-4	171A8/B	61 (4.2)	30 (50)	13,000 (6,150)	16.00	19.5 (495)	55.8 (1417)	25 (635)	166 (4216)	288 (1858)	304 (138)	44/32 (27)
540/70R24	453675GY	IT530	R-4	161A8/B	46 (3.2)	30 (50)	10,200 (4,625)	18.00	21.7 (551)	53.8 (1367)	23.9 (607)	161 (4089)	235 (1517)	292 (132)	36/32 (29)

* Imported

Bias Backhoe

IT515

IT525

Goodyear IT515 HS (R-4)

- Designed for backhoe/loader operations on hard surface
- 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

Tire Size	Catalog Number	Design	Industry Code	Ply Rating	Inflation Pressure PSI (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width	Tire Width	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in^2 (cm^2)	Weight (kg)	Tread Depth 32nd in.
14.9-24	45T834	IT525	R-4	8	30 (2.1)	25 (40)	5,080 (2,300)	13.00	15.0 (381)	48.9 (1242)	22.4 (569)	145 (3683)	140 (904)	138 (63)	32/32 (25)
14.9-24	45T134	IT525	R-4	12	42 (2.9)	25 (40)	6,400 (2,900)	13.00	15.0 (381)	48.9 (1242)	22.4 (569)	145 (3683)	140 (904)	137 (62)	32/32 (25)
16.9-24	45T845	IT525	R-4	8	28 (1.9)	25 (40)	5,840 (2,650)	15.00	16.9 (429)	51 (1295)	23.0 (584)	151 (3835)	194 (1252)	147 (67)	33/32 (26)
16.9-24	45T045	IT525	R-4	10	32 (2.2)	25 (40)	6,400 (2,900)	15.00	16.9 (429)	51 (1295)	23.0 (584)	151 (3835)	194 (1252)	159 (72)	33/32 (26)
16.9-24	45T145	IT525	R-4	12	38 (2.6)	25 (40)	7,150 (3,250)	15.00	16.9 (429)	51 (1295)	23.0 (584)	151 (3835)	194 (1252)	165 (75)	33/32 (26)
16.9-24	45T848	IT525	R-4	8	28 (1.9)	25 (40)	6,150 (2,800)	15.00	16.9 (429)	55.5 (1410)	25.1 (638)	165 (4191)	223 (1439)	173 (78)	33/32 (26)
16.9-24	45T048	IT525	R-4	10	32 (2.2)	25 (40)	6,800 (3,075)	15.00	16.9 (429)	55.5 (1410)	25.1 (638)	165 (4191)	223 (1439)	187 (85)	33/32 (26)
16.9-24	45T148	IT525	R-4	12	38 (2.6)	25 (40)	7,600 (3,450)	15.00	16.9 (429)	55.5 (1410)	25.1 (638)	165 (4191)	223 (1439)	188 (85)	33/32 (26)
17.5L-24	45T803	IT525	R-4	8	26 (1.8)	25 (40)	5,360 (2,430)	15.00	17.4 (442)	48.6 (1234)	21.9 (556)	144 (3658)	192 (1239)	143 (65)	32/32 (25)
17.5L-24	45T003	IT525	R-4	10	32 (2.2)	25 (40)	6,150 (2,800)	15.00	17.4 (442)	48.6 (1234)	21.9 (556)	144 (3658)	192 (1239)	184 (83)	32/32 (25)
18.4-24	45T164	IT525	R-4	12	36 (2.5)	25 (40)	8,250 (3,750)	16.00	18.4 (467)	54.1 (1374)	24.2 (615)	160 (4064)	246 (1588)	189 (86)	34/32 (27)
19.5L-24	45T061	IT525	R-4	10	28 (1.9)	25 (40)	6,600 (3,000)	16.00	19.0 (483)	52.0 (1321)	23.7 (602)	154 (3912)	206 (1329)	208 (94)	34/32 (27)
19.5L-24	45T161	IT525	R-4	12	34 (2.3)	25 (40)	7,600 (3,400)	16.00	19.0 (483)	52.0 (1321)	23.7 (602)	154 (3912)	206 (1329)	209 (95)	34/32 (27)
19.5L-24	4H5161	IT515 HS	R-4	12	34 (2.3)	25 (40)	7,600 (3,400)	16.00	20.2 (513)	52.5 (1334)	23.7 (602)	156 (3962)	208 (1342)	216 (98)	34/32 (27)
19.5L-24	45T361	IT525	R-4	14	38 (2.6)	25 (40)	8,250 (3,750)	16.00	19.0 (483)	52.0 (1321)	23.7 (602)	154 (3912)	238 (1536)	219 (99)	34/32 (27)
21L-24	45T075	IT525	R-4	10	26 (1.8)	25 (40)	7,400 (3,450)	18.00	20.8 (528)	54.2 (1377)	24.3 (617)	160 (4064)	238 (1536)	249 (113)	34/32 (27)
21L-24	45T175	IT525	R-4	12	32 (2.2)	25 (40)	8,550 (3,875)	18.00	20.8 (528)	54.2 (1377)	24.3 (617)	160 (4064)	238 (1536)	241 (109)	34/32 (27)
21L-24	45T575	IT525	R-4	16	40 (2.8)	25 (40)	9,900 (4,500)	18.00	20.8 (528)	54.2 (1377)	24.3 (617)	160 (4064)	238 (1536)	259 (117)	34/32 (27)
21L-28	45T376	IT525	R-4	14	36 (2.5)	25 (40)	9,900 (4,500)	18.00	21.0 (533)	58.2 (1478)	26.4 (671)	172 (4369)	260 (1678)	269 (122)	34/32 (27)

Industrial Tractor

Goodyear Industrial Tractor (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

Industrial Sure Grip Lug

Goodyear Industrial Sure Grip (R-4)

- Reinforced lugs for industrial use
- Aggressive tread design

Tire Size	Catalog Number	Design	Industry Code	Ply Rating	Inflation Pressure PSI (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width	Tire Width	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in^2 (cm^2)	Weight lbs (kg)	Tread Depth 32nd in.
16.9-24	486845GY	Industrial Tractor	R-4	8	28 (1.9)	25 (40)	5,840 (2,650)	15.00	17.4 (442)	50.6 (1285)	23 (584)	153 (3,886)	194 (1252)	160 (73)	35/32 (28)
16.9-30 *	SG7079001	Industrial Sure Grip	R-4	10	32 (2.2)	25 (40)	7,150 (3,250)	15.00	17.0 (432)	57.1 (1450)	26.1 (663)	169.7 (4,310)	235 (1517)	243 (110)	33/32 (26)
18.4-28	SG1158	Industrial Sure Grip	R-4	12	36 (2.5)	25 (40)	8,800 (4,000)	16.00	18.8 (478)	58.1 (1476)	26.2 (665)	172 (4,369)	256 (1652)	221 (100)	35/32 (28)

* Imported

Industrial Tractor Lug/Contractor

Industrial Tractor Lug II

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

Tire Size	Catalog Number	Design	Industry Code	Ply Rating	Inflation Pressure PSI (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Flat Plate Area in^2 (cm^2)	Weight lbs (kg)	Tread Depth in (mm)
14.9-24	486634	Industrial Tractor	R-4	6	24 (1.7)	25 (40)	4,300 (1,950)	13.00	15.3 (389)	48.1 (1,222)	22.0 (559)	140 (903)	145 (66)	34/32 (27)
14.9-24	486834	Industrial Tractor	R-4	8	30 (2.1)	25 (40)	5,080 (2,300)	13.00	15.3 (389)	48.1 (1,222)	22.0 (559)	140 (903)	145 (66)	34/32 (27)
14.9-24	486034	Industrial Tractor	R-4	10	36 (2.5)	25 (40)	5,680 (2,575)	13.00	15.3 (389)	48.1 (1,222)	22.0 (559)	140 (903)	160 (72.5)	34/32 (27)
14.9-24	486134	Industrial Tractor	R-4	12	42 (2.9)	25 (40)	6,400 (2,900)	13.00	15.3 (389)	48.1 (1,222)	22.0 (559)	140 (903)	163 (74)	34/32 (27)
420/70-24	4866T2	Industrial Tractor	R-4	6	20 (1.4)	25 (40)	3,960 (1,800)	13.00	16.5 (419)	46.4 (1,179)	21.1 (536)	165 (1,065)	151 (68.5)	35/32 (28)
16.9-24	486845	Industrial Tractor	R-4	8	28 (1.9)	25 (40)	5,840 (2,650)	15.00	17.4 (442)	50.6 (1,285)	23.0 (584)	194 (1,252)	160 (72.5)	35/32 (28)
16.9-24	486045	Industrial Tractor	R-4	10	32 (2.2)	25 (40)	6,400 (2,900)	15.00	17.4 (442)	50.6 (1,285)	23.0 (584)	194 (1,252)	168 (76)	35/32 (28)
16.9-24	486145	Industrial Tractor	R-4	12	38 (2.6)	25 (40)	7,150 (3,250)	15.00	17.4 (442)	50.6 (1,285)	23.0 (584)	194 (1,252)	173 (78.5)	35/32 (28)

continued

Bias Backhoe

Tire Size	Catalog Number	Design	Industry Code	Ply Rating	Inflation Pressure PSI (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Flat Plate Area in^2 (cm^2)	Weight lbs (kg)	Tread Depth in (mm)
16.9-24	486345	Industrial Tractor	R-4	14	44 (3.0)	25 (40)	7,850 (3,550)	15.00	17.4 (442)	50.6 (1,285)	23.0 (584)	194 (1,252)	174 (79)	35/32 (28)
16.9-28	486848	Industrial Tractor	R-4	8	28 (1.9)	25 (40)	6,150 (2,800)	15.00	17.4 (442)	54.6 (1,387)	25.0 (635)	223 (1,439)	178 (80.5)	34/32 (27)
16.9-28	486048	Industrial Tractor	R-4	10	32 (2.2)	25 (40)	6,800 (3,075)	15.00	17.4 (442)	54.6 (1,387)	25.0 (635)	223 (1,439)	193 (87.5)	34/32 (27)
16.9-28	486148	Industrial Tractor	R-4	12	38 (2.6)	25 (40)	7,600 (3,450)	15.00	17.4 (442)	54.6 (1,387)	25.0 (635)	223 (1,439)	198 (90)	34/32 (27)
17.5L-24	4D6603	Industrial Contractor	R-4	6	20 (1.4)	25 (40)	4,400 (2,000)	15.00	17.1 (434)	48.8 (1,240)	22.3 (566)	192 (1,239)	143 (65)	32/32 (25)
17.5L-24	486603	Industrial Tractor	R-4	6	20 (1.4)	25 (40)	4,400 (2,000)	15.00	17.1 (434)	48.8 (1,240)	22.3 (566)	192 (1,239)	144 (65.5)	32/32 (25)
17.5L-24	486803	Industrial Tractor	R-4	8	26 (1.8)	25 (40)	5,360 (2,430)	15.00	17.1 (434)	48.8 (1,240)	22.3 (566)	192 (1,239)	143 (65)	32/32 (25)
17.5L-24	4D6003	Industrial Contractor	R-4	10	32 (2.2)	25 (40)	6,150 (2,800)	15.00	17.1 (434)	48.8 (1,240)	22.3 (566)	192 (1,239)	157 (71)	32/32 (25)
17.5L-24	486003	Industrial Tractor	R-4	10	32 (2.2)	25 (40)	6,150 (2,800)	15.00	17.1 (434)	48.8 (1,240)	22.3 (566)	192 (1,239)	157 (71)	32/32 (25)
17.5L-24	4D6103	Industrial Contractor	R-4	12	36 (2.5)	25 (40)	6,600 (3,000)	15.00	17.1 (434)	48.8 (1,240)	22.3 (566)	192 (1,239)	164 (74.5)	32/32 (25)
17.5L-24	486103	Industrial Tractor	R-4	12	36 (2.5)	25 (40)	6,600 (3,000)	15.00	17.1 (434)	48.8 (1,240)	22.3 (566)	192 (1,239)	164 (74.5)	32/32 (25)
18.4-24	486864	Industrial Tractor	R-4	8	24 (1.7)	25 (40)	6,400 (2,900)	16.00	18.8 (478)	53.8 (1,367)	24.4 (620)	246 (1,587)	210 (95.5)	35/32 (28)
18.4-24	486164	Industrial Tractor	R-4	12	36 (2.5)	25 (40)	8,250 (3,750)	16.00	18.8 (478)	53.8 (1,367)	24.4 (620)	246 (1,587)	232 (105)	35/32 (28)
18.4-26	486056	Industrial Tractor	R-4	10	30 (2.1)	25 (40)	7,600 (3,450)	16.00	18.8 (478)	55.8 (1,417)	25.1 (638)	252 (1,626)	235 (106.5)	35/32 (28)
18.4-26	486156	Industrial Tractor	R-4	12	36 (2.5)	25 (40)	8,800 (4,000)	16.00	18.8 (478)	55.8 (1,417)	25.1 (638)	252 (1,626)	235 (106.5)	35/32 (28)
18.4-28	486058	Industrial Tractor	R-4	10	30 (2.1)	25 (40)	7,850 (3,550)	16.00	18.8 (478)	57.8 (1,468)	26.4 (671)	256 (1,652)	220 (100)	35/32 (28)
19.5L-24	486861	Industrial Tractor	R-4	8	24 (1.7)	25 (40)	6,000 (2,750)	17.00	19.1 (485)	51.8 (1,316)	23.5 (597)	206 (1,329)	195 (88.5)	34/32 (27)
19.5L-24	486061	Industrial Tractor	R-4	10	28 (1.9)	25 (40)	6,600 (3,000)	17.00	19.1 (485)	51.8 (1,316)	23.5 (597)	206 (1,329)	207 (94)	34/32 (27)
19.5L-24	486161	Industrial Tractor	R-4	12	34 (2.3)	25 (40)	7,600 (3,450)	17.00	19.1 (485)	51.8 (1,316)	23.5 (597)	206 (1,329)	213 (96.5)	34/32 (27)
19.5L-24	49F161	Industrial Tractor II	R-4	12	34 (2.3)	25 (40)	7,600 (3,450)	17.00	19.0 (483)	51.6 (1,311)	24.0 (610)	206 (1,329)	213 (96.5)	34/32 (27)
19.5L-24	49F561	Industrial Tractor II	R-4	16	44 (3.0)	25 (40)	9,100 (4,125)	17.00	19.0 (483)	51.6 (1,311)	24.0 (610)	206 (1,329)	215 (97.5)	34/32 (27)
21L-24	486075	Industrial Tractor	R-4	10	26 (1.8)	25 (40)	7,400 (3,350)	18.00	21.0 (533)	54.3 (1,379)	24.6 (625)	238 (1,535)	250 (113.5)	35/32 (28)
21L-24	486175	Industrial Tractor	R-4	12	32 (2.2)	25 (40)	8,550 (3,875)	18.00	21.0 (533)	54.3 (1,379)	24.6 (625)	238 (1,535)	250 (113.5)	35/32 (28)
21L-28	486076	Industrial Tractor	R-4	10	22 (1.5)	25 (40)	5,080 (2,300)	18.00	21.0 (533)	58.3 (1,481)	26.6 (676)	260 (1,677)	303 (137.5)	36/32 (29)
21L-28	486176	Industrial Tractor	R-4	12	28 (1.9)	25 (40)	5,840 (2,650)	18.00	21.0 (533)	58.3 (1,481)	26.6 (676)	260 (1,677)	309 (140)	36/32 (29)
21L-28	486376	Industrial Tractor	R-4	14	36 (2.5)	25 (40)	9,900 (4,500)	18.00	21.0 (533)	58.3 (1,481)	26.6 (676)	260 (1,677)	334 (151.5)	36/32 (29)

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

Tire Size	Catalog Number	Industry Code	Ply Rating	Inflation Pressure psi (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width in	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in2 (cm2)	Weight lbs (kg)	Tread Depth in (mm)
LSW495-762	G9F161	R-4	12	34 (2.3)	25 (40)	7,600 (3,450)	15.00	19.0 (483)	51.6 (1,311)	24.0 (610)	155 (3,937)	--	225 (102)	34/32 (27)

Laborer

Multi Rib

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

Tire Size	TL/TT	Catalog Number	Design	Industry Code	Ply Rating	Inflation Pressure PSI (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width	Tire Width	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in^2 (cm^2)	Weight lbs (kg)	Tread Depth 32nd in.
9.00-10HS	TT	4MR2T8	Multi Rib	F-3	10	60 (4.1)	25 (40)	1,820 (825)	6.00	9.4 (239)	26.0 (660)	11.9 (302)	76 (1,930)	38 (245)	27 (12)	10/32 (8)
9.00-10HS	TL	4MR3T8	Multi Rib	F-3	10	60 (4.1)	25 (40)	1,820 (825)	6.00	9.4 (239)	26.0 (660)	11.9 (302)	76 (1,930)	38 (245)	29 (13)	10/32 (8)
11L-15SL	TL	4LT318GY	Laborer	F-3	8	44 (3.0)	25 (40)	2,090 (950)	8.00	11.3 (287)	30.8 (782)	14.1 (358)	90 (2,286)	56 (361)	44 (20)	12/32 (10)
11L-15SL	TL	4LT310GY	Laborer	F-3	10	52 (3.6)	25 (40)	2,340 (1,060)	8.00	11.3 (287)	30.8 (782)	14.1 (358)	90 (2,286)	56 (361)	44 (20)	12/32 (10)
11L-16SL	TL	4LT315GY	Laborer	F-3	10	52 (3.6)	25 (40)	2,470 (1,120)	8.00	11.2 (284)	31.8 (808)	14.7 (373)	94 (2,388)	--	54 (24)	16/32 (13)
11L-16SL	TL	4LT317GY	Laborer	F-3	12	64 (4.4)	25 (40)	2,760 (1,250)	8.00	11.2 (284)	31.8 (808)	14.7 (373)	94 (2,388)	--	61 (28)	16/32 (13)
14.5/75-16.1SL	TL	4LT388	Laborer	F-3	10	40 (2.8)	25 (40)	3,200 (1,450)	11.00	14.7 (373)	36.0 (914)	16.5 (419)	105 (2,667)	120 (774)	91 (41)	19/32 (15)

Contractor

Industrial Front Tractor

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

Tire Size	Catalog Number	Design	Industry Code	Ply Rating	Inflation Pressure psi (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width in	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in2 (cm2)	Weight lbs (kg)	Tread Depth in (mm)
11L-15SL	465318	Contractor	F-3	8	44 (3.0)	25 (40)	2,090 (950)	8.00	11.0 (279)	31.3 (795)	14.5 (368)	93 (2,362)	56 (361)	51 (23)	15/32 (12)
11L-15SL	465310	Contractor	F-3	10	52 (3.6)	25 (40)	2,340 (1,060)	8.00	11.0 (279)	31.3 (795)	14.5 (368)	93 (2,362)	56 (361)	52 (23.5)	15/32 (12)
11L-16SL	465315	Contractor	F-3	10	52 (3.6)	25 (40)	2,470 (1,120)	8.00	11.0 (279)	32.3 (820)	15.0 (381)	96 (2,438)	60 (387)	53 (24)	15/32 (12)
11L-16SL	465317	Contractor	F-3	12	64 (4.4)	25 (40)	2,760 (1,250)	8.00	11.0 (279)	32.3 (820)	15.0 (381)	96 (2,438)	60 (387)	59 (27)	15/32 (12)
11.00-16SL	464396	Industrial Front Tractor	F-3	12	60 (4.1)	25 (40)	3,420 (1,550)	10.00	12.2 (310)	36.1 (917)	16.6 (422)	107 (2,718)	82 (529)	74 (33.5)	15/32 (12)
14.5/75-16.1SL	465388	Contractor	F-3	10	40 (2.8)	25 (40)	3,200 (1,450)	11.00	13.7 (348)	35.5 (902)	16.4 (417)	105 (2,667)	120 (774)	74 (33.5)	18/32 (14)
480/45-17	4653Q3	Contractor	F-3	10	42 (2.9)	25 (40)	6,160 (2,790)	16.00	19.3 (490)	34.0 (864)	15.4 (391)	101 (2,565)	150 (968)	85 (38.5)	NA

Bias Backhoe


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

Tire Size	Catalog Number	Design	Industry Code	Ply Rating	Inflation Pressure PSI (bar)	Max Load lbs (kg)	Max Load lbs (kg)	Rim Width	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in^2 (cm^2)	Weight lbs (kg)	Tread Depth 32nd in.
10.5/80-18 *	4GL3J8001	Sure Grip Lug	I-3	10	54 (3.7)	25 (40)	3,840 (1,740)	9.00	10.7 (272)	35.7 (907)	16.0 (406)	108 (2,743)	11 (71)	65 (29)	29/32 (23)
10.5/80-18 *	4G13J8001	Sure Grip Implement	I-3	10	54 (3.7)	25 (40)	3,840 (1,740)	9.00	10.7 (272)	35.7 (907)	16.0 (406)	108 (2,743)	11 (71)	65 (29)	29/32 (23)
12.4-16	46W483GY	Sure Grip Lug	I-3	4	20 (1.4)	25 (40)	2,070 (940)	11.00	12.8 (325)	36.9 (937)	16.7 (424)	110 (2,794)	--	82 (37)	30/32 (24)
12.5/80-18	4GL5J9	Sure Grip Lug	I-3	14	62 (4.3)	25 (40)	6,600 (3,000)	9.00	12.0 (305)	39.0 (991)	17.3 (439)	119 (3,023)	145 (936)	100 (45)	31/32 (25)
12.5/80-18 *	4G13J9001	Sure Grip Implement	I-3	10	45 (3.1)	25 (40)	4,820 (2,185)	9.00	12.4 (315)	38.7 (983)	17.2 (437)	116 (2,946)	145 (936)	75 (34)	31/32 (25)

* Imported


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 more robust design for use on the front of large backhoes


TI422


Grizz LSW G2E

Titan TI422 (I-3)

- Designed for low horsepower traction requirements, the Traction Implement offers good roadability and excellent durability

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

Tire Size	Catalog Number	Design	Industry Code	Ply Rating	Inflation Pressure psi (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width in	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in2 (cm2)	Weight lbs (kg)	Tread Depth in (mm)
10.5/80-18	46W3X8	Contractor	I-3	6	33 (3.3)	25 (40)	2,830 (1,285)	9.00	10.8 (274)	35.7 (907)	16.5 (419)	109 (2,769)	---	69 (31.5)	29/32 (23)
10.5/80-18	46W3J8	Contractor	I-3	10	54 (3.7)	25 (40)	3,840 (1,740)	9.00	10.8 (274)	35.7 (907)	16.5 (419)	109 (2,769)	---	71 (32)	29/32 (23)
12.5/80-18	46W39N	Contractor	I-3	6	28 (1.9)	25 (40)	3,420 (1,550)	9.00	12.0 (305)	38.8 (986)	17.4 (442)	114 (2,896)	---	92 (41.5)	31/32 (25)
12.5/80-18	46W3J9	Contractor	I-3	10	46 (3.2)	25 (40)	4,710 (2,140)	9.00	12.0 (305)	38.8 (986)	17.4 (442)	114 (2,896)	---	98 (44.5)	31/32 (25)
12.5/80-18	4223J9	TI422	I-3	10	46 (3.2)	25 (40)	4,710 (2,140)	9.00	12.0 (305)	38.8 (986)	17.4 (442)	114 (2,896)	---	86 (39)	34/32 (27)
12.5/80-18	42E3J9	Contractor II	I-3	10	46 (3.2)	25 (40)	4,710 (2,140)	9.00	12.0 (305)	39.1 (993)	18.0 (457)	117 (2,972)	---	88 (40)	32/32 (25)
12.5/80-18	42E3T7	Contractor II	I-3	12	56 (3.9)	25 (40)	5,360 (2,430)	9.00	12.0 (305)	39.1 (993)	18.0 (457)	117 (2,972)	---	90 (41)	32/32 (25)
LSW320-597	G2E3T7	LSW G2E	I-3	12	56 (3.9)	25 (40)	5,360 (2,430)	9.00	12.0 (305)	39.1 (993)	18.0 (457)	117 (2,972)	---	114 (51.5)	32/32 (25)

TI323

Sure Grip Lug

Goodyear IT323

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

Goodyear Sure Grip Lug

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

Tire Size	Catalog Number	Design	Ply Rating	Inflation Pressure PSI (bar)	Max Load mph	Max Load lbs (kg)	Rim Width in	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in^2 (cm^2	Weight lbs (kg)	Tread Depth in (mm)
23x8.50-12NHS	4323C3	IT323	4	35 (2.4)	5 (10)	1,470 (665)	7.00	8.4 (213)	22.6 (574)	10.1 (257)	63.0 (1,600)	---	23 (10)	16/32 (13)
27x8.50-15NHS	4GL3J3GY	Sure Grip Lug	4	35 (2.4)	5 (10)	1,840 (835)	7.00	8.5 (216)	27.2 (691)	12.2 (310)	79.0 (2,007)	---	29 (13)	18/32 (14)
27x8.50-15NHS	4GL339GY	Sure Grip Lug	6	45 (3.1)	5 (10)	2,480 (1,125)	7.00	8.5 (216)	27.2 (691)	12.2 (310)	79.0 (2,007)	---	30 (14)	18/32 (14)
27x8.50-15NHS	432339	IT323	6	45 (3.1)	5 (10)	2,480 (1,125)	7.00	8.8 (224)	27.2 (691)	12.2 (310)	79.0 (2,007)	---	38 (17)	18/32 (14)
27x10.50-15NHS	4233L6	IT323	4	30 (2.1)	5 (10)	2,085 (945)	8.50	10.0 (254)	27.2 (691)	12.7 (323)	82.3 (2,090)	---	43 (20)	20/32 (16)
27x10.50-15NHS	4323H7	IT323	6	45 (3.1)	5 (10)	2,610 (1,185)	8.50	10.0 (254)	27.2 (691)	12.7 (323)	82.3 (2,090)	---	44 (20)	20/32 (16)
27x10.50-15NHS	4GL3H7	Sure Grip Lug	6	45 (3.1)	5 (10)	2,610 (1,185)	8.50	10.3 (262)	27.2 (691)	12.7 (323)	82.0 (2,083)	---	37 (17)	18/32 (14)
10-16.5NHS	4GL3C8	Sure Grip Lug	6	45 (3.1)	5 (10)	3,500 (1,590)	8.25	10.9 (277)	30.4 (772)	14.1 (358)	91.0 (2,311)	---	50 (23)	21/32 (17)
10-16.5NHS	4323D1GY	IT323	8	60 (4.1)	5 (10)	4,140 (1,880)	8.25	10.8 (274)	30.6 (777)	14.2 (361)	92.4 (2,347)	---	61 (28)	25/32 (20)
31x15.50-15NHS	4323L8	IT323	8	35 (2.4)	5 (10)	4,480 (2,030)	12.00	15.7 (399)	31.5 (800)	13.9 (353)	90.0 (2,286)	---	80 (36)	25/32 (20)
12-16.5NHS	4GL3E8	Sure Grip Lug	8	50 (3.4)	5 (10)	4,810 (2,180)	9.75	12.6 (320)	32.7 (831)	14.8 (376)	98.0 (2,489)	---	69 (31)	23/32 (18)
12-16.5NHS	4GL3J7	Sure Grip Lug	10	65 (4.5)	5 (10)	5,600 (2,540)	9.75	12.6 (320)	32.7 (831)	14.8 (376)	98.0 (2,489)	---	71 (32)	23/32 (18)
12-16.5NHS	4323E8GY	IT323	8	50 (3.4)	5 (10)	4,810 (2,180)	9.75	12.7 (323)	32.9 (836)	14.9 (378)	99.0 (2,515)	---	73 (33)	26/32 (21)
12-16.5NHS	4323J7GY	IT323	10	65 (4.5)	5 (10)	5,600 (2,540)	9.75	12.7 (323)	32.9 (836)	14.9 (378)	99.0 (2,515)	---	76 (34)	26/32 (21)
15-19.5NHS	432336	IT323	12	60 (4.1)	5 (10)	9,190 (4,170)	11.75	15.3 (389)	40.1 (1,019)	18 (457)	117.0 (2,972)	---	137 (62)	30/32 (24)
15-19.5NHS	4GL336	Sure Grip Lug	12	60 (4.1)	5 (10)	9,190 (4,170)	11.75	15.9 (404)	40.1 (1,019)	18 (457)	117.0 (2,972)	---	132 (60)	26/32 (21)

Bias Skid Steer


Contractor FWD


Trac Loader


Trac Loader Chevron

HD2000


HD2000 II

Titan Contractor FWD

- Excellent traction and wear are the benefits of the broad, curved lugs
- High strength construction gives it exceptional durability

Titan Trac Loader

- 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 HD2000

- Engineered with HD sidewalls to protect against abrasions, tears and punctures
- Improved dual tapered step lug wear and extended life

Titan HD2000 II

- 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 Chevron

- Features a chevron tread pattern with nylon fabric construction
- Intended for skid steer use

Tire Size	Catalog Number	Design	Ply Rating	Inflation Pressure PSI (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in^2 (cm^2)	Weight lbs (kg)	Tread Depth in (mm)
5.70-12NHS	4123C2	Trac Loader Chevron	4	60 (4.1)	5 (10)	1,450 (660)	4.50	5.7 (145)	22.4 (569)	10.3 (262)	67 (1,702)	---	17 (7.5)	18/32 (14)
7.00-15SS	4123C5	Trac Loader Chevron	6	60 (4.1)	5 (10)	3,180 (1,440)	5.50	8.0 (203)	29.9 (759)	13.5 (343)	88 (2,235)	---	38 (17)	18/32 (14)
8.25-15NHS	4127K5	Trac Loader Chevron	6	50 (3.4)	5 (10)	3,860 (1,750)	6.00	9.4 (239)	33.2 (843)	14.9 (378)	98 (2,489)	---	53 (24)	18/32 (14)
10-16.5NHS	4123C8	Trac Loader	6	45 (3.1)	5 (10)	3,500 (1,590)	8.30	10.9 (277)	30.3 (770)	13.5 (343)	90 (2,286)	---	48 (22)	19/32 (15)
10-16.5NHS	4393D1	HD2000	8	60 (4.1)	5 (10)	4,140 (1,880)	8.25	10.3 (262)	30.6 (777)	14.3 (363)	92 (2,337)	---	55 (25)	21/32 (17)
10-16.5NHS	49E3D1	HD2000II	8	60 (4.1)	5 (10)	4,140 (1,880)	8.25	10.5 (267)	30.3 (770)	14.1 (358)	91 (2,311)	---	55 (25)	24/32 (19)
10-16.5NHS	4393D1TYL	HD2000*	8	60 (4.1)	5 (10)	4,140 (1,880)	8.25	10.3 (262)	30.6 (777)	14.3 (363)	92 (2,337)	---	74 (33.5)	21/32 (17)
10-16.5NHS	49E3D1TYL	HD2000II*	8	60 (4.1)	5 (10)	4,140 (1,880)	8.25	10.5 (267)	30.3 (770)	14.1 (358)	91 (2,311)	---	83 (37.5)	24/32 (19)
10-16.5NHS	4393R8	HD2000	10	75 (5.0)	5 (10)	4,710 (2,135)	8.25	10.3 (262)	30.6 (777)	14.3 (363)	92 (2,337)	---	55 (25)	21/32 (17)
12-16.5NHS	4393C9	HD2000	6	40 (2.8)	5 (10)	4,220 (1,915)	9.75	12.8 (325)	32.7 (831)	15.3 (389)	99 (2,515)	---	71 (32)	23/32 (18)
12-16.5NHS	4123C9	Trac Loader	6	40 (2.8)	5 (10)	4,220 (1,915)	9.75	12.1 (307)	33.6 (853)	15.1 (384)	101 (2,565)	---	66 (30)	23/32 (18)

*w/Tyrelyner

Bias Skid Steer

Tire Size	Catalog Number	Design	Ply Rating	Inflation Pressure PSI (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in^2 (cm^2)	Weight lbs (kg)	Tread Depth in (mm)
12-16.5NHS	46C3E8	Contractor FWD	8	50 (3.4)	5 (10)	4,810 (2,180)	9.75	11.8 (300)	33.1 (841)	14.9 (378)	98 (2,489)	---	68 (31)	23/32 (18)
12-16.5NHS	4123D2	Trac Loader	8	50 (3.4)	5 (10)	4,810 (2,180)	9.75	12.2 (310)	33.6 (853)	15.1 (384)	101 (2,565)	---	68 (31)	23/32 (18)
12-16.5NHS	46C3J7	Contractor FWD	10	65 (4.5)	5 (10)	5,600 (2,540)	9.75	11.8 (300)	33.1 (841)	14.9 (378)	98 (2,489)	---	70 (32)	23/32 (18)
12-16.5NHS	4393J7	HD2000	10	65 (4.5)	5 (10)	5,600 (2,540)	9.75	12.8 (325)	32.7 (831)	15.3 (389)	99 (2,515)	---	74 (33.5)	23/32 (18)
12-16.5NHS	4393J7TYL	HD2000 *	10	65 (4.5)	5 (10)	5,600 (2,540)	9.75	12.2 (310)	32.7 (831)	15.0 (381)	97 (2,464)	---	99 (45)	26/32 (21)
12-16.5NHS	49E3J7	HD2000II	10	65 (4.5)	5 (10)	5,600 (2,540)	9.75	12.2 (310)	32.7 (831)	15.0 (381)	97 (2,464)	---	74 (33.5)	26/32 (21)
12-16.5NHS	49E3J7TYL	HD2000II *	10	65 (4.5)	5 (10)	5,600 (2,540)	9.75	12.2 (310)	32.7 (831)	15.0 (381)	97 (2,464)	---	74 (33.5)	26/32 (21)
12-16.5NHS	4123J7	Trac Loader	10	65 (4.5)	5 (10)	5,600 (2,540)	9.75	12.2 (310)	33.6 (853)	15.1 (384)	101 (2,565)	---	71 (32)	23/32 (18)
12-16.5NHS	4393J8	HD2000	12	80 (5.5)	5 (10)	6,320 (2,865)	9.75	12.8 (325)	32.7 (831)	15.3 (389)	99 (2,515)	---	70 (32)	23/32 (18)
12-16.5NHS	49E34R	HD2000II	14	90 (6.2)	5 (10)	6,780 (3,075)	9.75	12.2 (310)	32.7 (831)	15.0 (381)	97 (2,464)	---	82 (37)	26/32 (21)
14-17.5NHS	412334	Trac Loader	6	30 (2.1)	5 (10)	4,820 (2,185)	10.50	14.0 (356)	36.9 (937)	16.3 (414)	109 (2,769)	---	89 (40.5)	24/32 (19)
14-17.5NHS	46C3G9	Contractor FWD	10	55 (3.8)	5 (10)	6,850 (3,105)	10.50	13.8 (351)	36.3 (922)	16.3 (414)	108 (2,743)	---	83 (37.5)	24/32 (19)
14-17.5NHS	439396	HD2000	10	55 (3.8)	5 (10)	6,850 (3,105)	10.50	13.8 (351)	37.2 (945)	17.6 (447)	113 (2,870)	---	92 (41.5)	24/32 (19)
14-17.5NHS	412396	Trac Loader	10	55 (3.8)	5 (10)	6,850 (3,105)	10.50	14.0 (356)	36.9 (937)	16.3 (414)	109 (2,769)	---	92 (41.5)	24/32 (19)
14-17.5NHS	439349	HD2000	12	65 (4.5)	5 (10)	7,550 (3,420)	10.50	13.8 (351)	37.2 (945)	17.6 (447)	113 (2,870)	---	99 (45)	24/32 (19)
14-17.5NHS	439384	HD2000	14	80 (5.5)	5 (10)	8,540 (3,875)	10.50	13.8 (351)	37.2 (945)	17.6 (447)	113 (2,870)	---	101 (46)	24/32 (19)
14-17.5NHS	49E384	HD2000II	14	80 (5.5)	5 (10)	8,540 (3,875)	10.50	15.2 (386)	35.7 (907)	16.4 (417)	107 (2,718)	---	119 (54)	26/32 (21)
14-17.5NHS	412384	Trac Loader	14	80 (5.5)	5 (10)	8,540 (3,875)	10.50	14.3 (363)	36.4 (925)	16.4 (417)	107 (2,718)	---	101 (46)	24/32 (19)
15-19.5NHS	412373	Trac Loader	6	30 (2.1)	5 (10)	6,130 (2,780)	11.75	15.5 (394)	40.5 (1,029)	17.9 (455)	117 (2,972)	---	112 (51)	25/32 (20)
15-19.5NHS	46C3H9	Contractor FWD	8	40 (2.8)	5 (10)	7,250 (3,290)	11.75	15.3 (389)	40.1 (1,019)	18 (457)	119 (3,023)	---	110 (50)	26/32 (21)
15-19.5NHS	439336	HD2000	12	60 (4.1)	5 (10)	9,190 (4,170)	11.75	15.7 (399)	40.5 (1,029)	19.2 (488)	123 (3,124)	---	134 (61)	26/32 (21)
15-19.5NHS	412336	Trac Loader	12	60 (4.1)	5 (10)	9,190 (4,170)	11.75	15.5 (394)	40.5 (1,029)	17.9 (455)	117 (2,972)	---	132 (60)	25/32 (20)
15-19.5NHS	439636	HD2000	16	85 (5.9)	5 (10)	11,270 (5,100)	11.75	15.7 (399)	40.5 (1,029)	19.2 (488)	123 (3,124)	---	148 (67)	26/32 (21)
18x8.50-10	4123U1	Trac Loader	4	22 (1.5)	5 (10)	830 (375)	7.00	7.5 (191)	17.7 (450)	8.1 (206)	53 (1,346)	38 (245)	15 (7)	16/32 (13)
20x8.00-10NHS	49E3W8	HD2000II	4	40 (2.8)	5 (10)	1,210 (550)	6.00	8.2 (208)	19.3 (490)	8.8 (224)	57 (1,448)	---	21 (9.5)	15/32 (12)
23x8.50-12NHS	4123C3	Trac Loader	4	35 (2.4)	5 (10)	1,470 (665)	7.00	8.3 (211)	23.0 (584)	10.2 (259)	68 (1,727)	---	26 (12)	14/32 (11)
23x8.50-12NHS	4393G8	HD2000	6	50 (3.4)	5 (10)	1,810 (820)	7.00	8.7 (221)	23.5 (597)	11.0 (279)	71 (1,803)	---	27 (12)	14/32 (11)
23x8.50-12NHS	4123G8	Trac Loader	6	50 (3.4)	5 (10)	1,810 (820)	7.00	8.3 (211)	23.0 (584)	10.2 (259)	68 (1,727)	---	26 (12)	14/32 (11)
23x8.50-14NHS	412388	Trac Loader	4	35 (2.4)	5 (10)	1,490 (647)	7.00	7.8 (198)	23.8 (605)	10.7 (272)	71 (1,803)	---	24 (11)	14/32 (11)
25x8.50-14NHS	412379	Trac Loader	6	50 (3.4)	5 (10)	2,000 (905)	7.00	8.4 (213)	25.9 (658)	11.8 (300)	79 (2,007)	---	30 (13.5)	17/32 (13)
26x12.0-12NHS	412361	Trac Loader	4	20 (1.4)	5 (10)	1,780 (805)	10.50	12.2 (310)	25.5 (648)	11.3 (287)	77 (1,956)	84 (542)	32 (14.5)	16/32 (13)
27x8.50-15NHS	46C3J3	Contractor FWD	4	35 (2.4)	5 (10)	1,840 (835)	7.00	8.1 (206)	27.2 (691)	12.4 (315)	81 (2,057)	---	34 (15.5)	19/32 (15)
27x8.50-15NHS	4123C6	Trac Loader	4	30 (2.1)	5 (10)	1,940 (880)	7.00	8.8 (224)	27.0 (686)	12.1 (307)	81 (2,057)	---	36 (16.5)	17/32 (13)
27x8.50-15NHS	412339	Trac Loader	6	45 (3.1)	5 (10)	2,480 (1,120)	7.00	8.8 (224)	27.0 (686)	12.1 (307)	81 (2,057)	---	36 (16.5)	17/32 (13)
27x8.50-15NHS	439377	HD2000	8	60 (4.1)	5 (10)	2,890 (1,340)	7.00	8.6 (218)	26.8 (681)	12.5 (318)	81 (2,057)	---	38 (17)	15/32 (12)
27x10.50-15NHS	4123H7	Trac Loader	6	45 (3.1)	5 (10)	2,610 (1,180)	8.50	11.0 (279)	27.5 (699)	12.3 (312)	82 (2,083)	---	38 (17)	17/32 (13)

*w/Tyrelyner

Bias Skid Steer

Tire Size	Catalog Number	Design	Ply Rating	Inflation Pressure PSI (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in^2 (cm^2)	Weight lbs (kg)	Tread Depth in (mm)
27x10.50-15NHS	439378	HD2000	8	60 (4.1)	5 (10)	3,100 (1,410)	8.50	10.2 (249)	27.1 (688)	12.8 (325)	82 (2,083)	---	46 (21)	15/32 (12)
27x12.5-15NHS	4122N7	Trac Loader	4	25 (1.8)	5 (10)	2,320 (1,050)	10.00	12.5 (318)	27.1 (688)	12.3 (312)	82 (2,083)	---	45 (20.5)	17/32 (13)
28x8.50-15NHS	4123R3	Trac Loader	6	45 (3.1)	5 (10)	2,880 (1,310)	7.00	8.4 (213)	28.0 (711)	12.8 (325)	83 (2,108)	---	28 (12.5)	17/32 (13)
30.5x12-16.5NHS	439381	HD2000	8	45 (3.1)	5 (10)	3,840 (1,740)	9.75	12.5 (318)	30.8 (782)	14.0 (356)	91 (2,311)	---	74 (33.5)	21/32 (17)
31x15.50-16.5NHS	49E3L8	HD2000II	8	35 (2.4)	5 (10)	4,480 (2,030)	12.00	15.5 (394)	31.0 (787)	14.1 (358)	92 (2,337)	---	85 (38.5)	24/32 (19)
33x14.5-16.5NHS	4123J9	Trac Loader	8	40 (2.8)	5 (10)	4,690 (2,130)	12.00	14.5 (368)	33.0 (838)	14.9 (378)	98 (2,489)	---	72 (32.5)	23/32 (18)
33x15.5-16.5NHS	49E3X3	HD2000II	12	60 (4.1)	5 (10)	6,835 (3,100)	12.00	15.5 (394)	33.0 (838)	15.0 (381)	98 (2,489)	---	103 (46.5)	24/32 (19)
33x15.5-16.5NHS	49E3R9	HD2000II	14	70 (4.8)	5 (10)	7,480 (3,390)	12.00	15.5 (394)	33.0 (838)	15.0 (381)	98 (2,489)	---	103 (46.5)	24/32 (19)
43x16.00-20NHS	4123A5	Trac Loader	4	20 (1.4)	5 (10)	4,540 (2,060)	14.00	16.0 (406)	43.5 (1,105)	19.3 (490)	129 (3,277)	---	125 (56.5)	26/32 (21)

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 H/E

- 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

Tire Size	Catalog Number	Design	Ply Rating	Inflation Pressure PSI (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width in	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in^2 (cm^2)	Weight lbs (kg)	Tread Depth in (mm)
10-16.5NHS	49U3D1	Ultimate	8	60 (4.1)	5 (10)	4,140 (1,880)	8.25	10.7 (272)	30.1 (765)	25.9 (658)	91 (2,311)	---	70 (32)	42/32 (33)
10-16.5NHS	43H3R8	H/E	10	75 (5.2)	5 (10)	4,710 (2,135)	8.25	10.4 (264)	30.6 (777)	13.7 (348)	89 (2,261)	---	88 (40)	44/32 (35)
12-16.5NHS	49U3J7	Ultimate	10	65 (4.5)	5 (10)	5,600 (2,540)	9.75	12.1 (307)	32.7 (831)	14.9 (378)	98 (2,489)	---	91 (41.5)	44/32 (35)
12-16.5NHS	43H34R	H/E	14	90 (6.2)	5 (10)	6,780 (3,075)	9.75	12.0 (305)	32.7 (831)	15.0 (381)	97 (2,464)	---	103 (46.5)	44/32 (35)
14-17.5NHS	43H384	H/E	14	80 (5.5)	5 (10)	8,540 (3,875)	10.50	14.1 (358)	36.6 (930)	17.0 (432)	110 (2,794)	---	139 (63)	47/32 (37)
33x15.5-16.5NHS	43H3X3	H/E	12	60 (4.1)	5 (10)	6,835 (3,100)	12.00	14.5 (368)	33.0 (838)	14.7 (373)	99 (2,515)	---	119 (54)	48/32 (38)

Titan Grizz LSWG9A

- Premium LSW skid steer tire with all the features of the HD2000 II, plus run-flat capability
- LSW assemblies reduce bounce and lope, and improve lateral stability

Tire Size	Catalog Number	Ply Rating	Inflation Pressure PSI (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in^2 (cm^2)	Weight lbs (kg)	Tread Depth in (mm)
LSW265-521	G9A3D1	10	60 (4.1)	5 (10)	4,720 (2,140)	210	10.2 (259)	30.6 (777)	14.2 (361)	92 (2,337)	---	63 (28.5)	24/32 (19)
LSW305-546	G9A3M1	10	65 (4.5)	5 (10)	5,600 (2,540)	248	21.1 (536)	32.8 (833)	15.1 (384)	98 (2,489)	---	83 (37.5)	24/32 (19)
LSW350-597	G9A3G9	10	55 (3.8)	5 (10)	6,850 (3,100)	267	13.2 (335)	36.4 (925)	16.3 (414)	107 (2,718)	---	112 (51)	26/32 (21)
LSW385-648	G9A3H2	12	60 (4.1)	5 (10)	9,190 (4,160)	317	14.6 (371)	40.7 (1,034)	18.3 (465)	120 (3,048)	---	144 (65.5)	24/32 (19)

Bias Smooth

Smooth Industrial

Compactor

Goodyear Smooth Industrial Goodyear Compactor

- Designed for unique demands of air drills
- Sidewall scuff rib
- Wear pad design for better wear

Tire Size	Catalog Number	Design	TL/TT	Ply Rating	Inflation Pressure PSI (bar)	Max Load mph (km/h	Max Load lbs lbs (kg)	Rim Width	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in^2 (cm^2)	Weight	Tread Depth in (mm)
6.00-16NHS	3SN278	Smooth Industrial	TT	10	75 (5.2)	20 (30)	2.230 (1,010)	6.00	7.3 (185)	29.0 (737)	13.8 (351)	---	85.1 (2,162)	30.4 (196)	8 (6)
8.5/90-15K	3SC3A2	Compactor	TL	6	50 (3.4)	5 (10)	3,900 (1,770)	5.50F	8.5 (216)	30.6 (777)	13.8 (351)	---	88.0 (2,235)	76.0 (490)	0
7.50-15NHS	3SC252	Compactor	TT	12	110 (7.6)	5 (10)	5,860 (2,660)	6.50	8.4 (213)	31.0 (787)	14.2 (361)	---	91.0 (2,311)	64.0 (413)	0
7.50-15NHS	3SC2E1	Compactor	TT	14	125 (8.6)	5 (10)	6,300 (2,860)	6.50	8.4 (213)	31.0 (787)	14.2 (361)	---	91.0 (2,311)	64.0 (413)	0

*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 Road Roller/Road Roller II

- 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

Tire Size	Catalog Number	Design	TL/TT	Ply Rating	Inflation Pressure PSI (bar)	Max Load mph (km/h)	Max Load lbs (kg)	Rim Width	Tire Width in (mm)	Overall Diameter in (mm)	Static Loaded Radius in (mm)	Rolling Circ. in (mm)	Flat Plate Area in^2 (cm^2)	Weight lbs (kg)	Tread Depth in (mm)	
7.50-15NHS	3GR256F	Road Roller II	TT	6	55 (3.8)	5 (10)	3,900 (1,770)	6.00	8.1 (206)	30.8 (782)	14.1 (358)	92 (2,337)	---	46 (21)	0	*
7.50-15NHS	3GR252F	Road Roller II	TT	12	110 (7.6)	5 (10)	5,860 (2,660)	6.00	8.1 (206)	30.8 (782)	14.1 (358)	92 (2,337)	---	56 (25.5)	0	*
7.50-15NHS	3GR2E1F	Road Roller II	TT	14	125 (8.6)	5 (10)	6,300 (2,860)	6.00	8.1 (206)	30.8 (782)	14.1 (358)	92 (2,337)	---	56 (25.5)	0	*
8.5/90-15K	3GR3A2	Road Roller II	TL	6	50 (3.4)	5 (10)	3,900 (1,770)	5.50F	8.1 (206)	30.9 (785)	13.7 (348)	90 (2,286)	---	47 (21.5)	0	*
9.00-20NHS	38R222F	Road Roller	TT	12	90 (6.2)	5 (10)	8,950 (4,060)	7.00	10.2 (259)	39.8 (1,011)	18.0 (457)	117 (2,972)	---	112 (51)	0	
11.00-20NHS	38R283F	Road Roller	TT	18	120 (8.3)	5 (10)	13,000 (5,900)	8.00	12.1 (307)	41.7 (1,059)	18.8 (478)	122 (3,099)	---	185 (84)	0	

*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.

20.5-25 Articulated Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Front Minimum Ply Rating	Middle Minimum Ply Rating	Rear Minimum Ply Rating	Front Minimum Inflation	Middle Minimum Inflation	Rear Minimum Inflation
		tons				psi	psi	psi
Bell	B20B	20	16	20	20	35	45	45
Bell	B20D 6x4	18	12	24	20	30	50	50
Bell	B20D 6x6	18	12	24	24	30	50	50
Caterpillar	D250B	25	24	CT	CT	55	65	65
Caterpillar	D250D	25	24	CT	CT	50	65	65
Komatsu	HA250-1	25	CT	CT	CT	65	60	60
Moxy	MT30 LHS	30	CT	CT	CT	75	75	75
Terex	2364	23	24	24	24	55	50	50
Terex	2366	23	24	24	24	55	55	50
Terex	2566B	25	CT	CT	24	70	60	60
Terex	2566C	25	CT	CT	24	70	60	60
Volvo	A20C 6X6	20	16	20	20	40	50	50
Volvo	A25 6X4	25	20	CT	CT	45	60	60
Volvo	A25B	25	20	CT	CT	45	65	65

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

20.5-25 Loader Usage Chart

For Standard Loader Service: < 250 ft, < 5 mph

Manufacturer	Model	Bucket	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		yd^3		psi	psi
Caterpillar	IT38F	3.25	16	60	35
Caterpillar	IT38G	3.3	16	60	35
Caterpillar	IT38H	3.3	16	65	35
Caterpillar	924G	2.3	12	45	35
Caterpillar	924H	2.4	12	45	35
Caterpillar	924H	2.4	12	40	35
Caterpillar	924HZ	2.3	12	40	35
Caterpillar	924K	2.5	12	45	35
Caterpillar	928HZ	2.6	12	50	35
Caterpillar	930H	2.7	12	50	35
Caterpillar	930K	2.7	12	50	35
Caterpillar	936F TC	3	16	55	35
Caterpillar	938F	3.25	16	60	35
Caterpillar	938G	3.25	16	60	35
Caterpillar	938H	3.65	20	70	40
Caterpillar	938K	3.27	16	60	35
Caterpillar	950B	3.75	20	75	40
Caterpillar	950F	4	20	80	45
Case	621B	2.25	12	45	35
Case	621B	3	12	50	35
Case	621B XT	2.25	12	50	35
Case	621D	2.5	12	45	35
Case	621E	3	12	55	35
Case	621E XT	3	16	55	35
Case	621E XR	3	16	55	35
Case	721	2.75	12	50	35
Case	721B	2.75	12	50	35
Case	721B XT	2.75	16	55	35
Case	721C	2.75	16	55	35
Case	721E	3.5	16	60	35
Case	721E XT	3	16	55	35
Case	721E XR	3	16	60	35
Case	721F	3	16	55	35
Case	721F XT	3	16	60	35
Case	721F XR	3	16	60	35
Case	W30	3.5	16	55	35
Daewoo	Mega 250-III	3.1	16	60	35
Deere	544H	3	12	55	35
Deere	544H-HL	3	16	55	35
Deere	624E	2.6	12	50	35
Deere	624G	3.25	16	60	35
Deere	624H	3.5	16	60	35
Deere	624H-HL	3	16	60	35
Deere	644B	2.5	12	45	35
Deere	644C	3	12	55	35
Doosan	DL200	2.6	12	45	35
Doosan	DL200TC	2.6	12	50	35
Doosan	DL250	3.3	16	60	35
Doosan	DL250TC	3.4	16	65	35
Doosan	DL250HL	3.4	16	65	35
Fiatallis	FR130	3	16	55	35
Fiatallis	FR130-2	3	16	55	35
Fiatallis	FR140	3	16	55	35
Fiatallis	FR140-2	3.25	16	60	35
Fiatallis	FR15	3	16	55	35
Fiatallis	FR15B	3.1	16	60	35
Fiat Hitachi	W170 PL	3.9	20	70	40
Furukawa	FL150-I	2	12	40	35
Furukawa	FL200-I	2.6	12	45	35
Furukawa	FL230-I	3.1	16	60	35

Manufacturer	Model	Bucket	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		yd^3		psi	psi
Hyundai	HL750	3	16	55	35
Hyundai	HL25	3.5	20	75	40
Hyundai	HL740-7A	2.7	12	50	35
Hyundai	HL740XTD-7A	2.7	12	50	35
Hyundai	HL740TM-7A	2.6	12	45	35
Hyundai	HL740-9	3	12	50	35
Hyundai	HL740XTD-9	3	16	55	35
Hyundai	HL740TM-9	3	16	60	35
Hyundai	HL757-7A	2.7	16	55	35
Hyundai	HL757XTD-7A	2.7	16	60	35
Hyundai	HL757TM-7A	2.5	16	55	35
Hyundai	HL757-9	3.7	16	65	35
Hyundai	HL757XTD-9	3.7	20	70	40
Hyundai	HL757TM-9	3.5	20	70	40
JCB	426HT	2.75	16	55	35
JCB	426ZX	2.75	12	50	35
JCB	436HT	3.5	16	65	35
JCB	436ZX	3.5	16	65	35
Kawasaki	65ZV-2	3	12	50	35
Kawasaki	65TMV-2	2.5	12	50	35
Kawasaki	70Z	3	16	55	35
Kawasaki	70ZII	3	16	55	35
Kawasaki	70ZIII	3.25	16	55	35
Kawasaki	70ZIV	3.25	16	60	35
Kawasaki	70ZIV-2	3.5	16	60	35
Kawasaki	70ZV-2	3.5	16	60	35
Kawasaki	70TMV-2	3.4	20	70	40
Kawasaki	80ZV-2	4.2	20	80	45
Komatsu	WA200-6	2.6	12	45	35
Komatsu	WA200PZ-6	2.5	12	45	35
Komatsu	WA250-1	3	12	45	35
Komatsu	WA250-3	3.5	16	55	35
Komatsu	WA250-3 PTC	3	16	55	35
Komatsu	WA250-6	3	12	50	35
Komatsu	WA250PZ-6	3	16	55	35
Komatsu	WA250-6 WH	4	16	65	35
Komatsu	WA250-6 WH HL	4	20	70	35
Komatsu	WA320-1	3.25	16	60	35
Komatsu	WA320-3	4.2	20	70	35
Komatsu	WA320-6	3.7	16	65	35
Komatsu	WA320PZ-6	3.5	20	70	35
Komatsu	WA320-6 WH	5.5	CT	95	55
Komatsu	WA320-6 WH HL	5.5	CT	110	65
Komatsu Dresser	520CH	2.5	12	45	35
Komatsu Dresser	525	2.7	12	50	35
Komatsu Dresser	530	3	16	55	35
Komatsu Dresser	530C	3	16	55	35
Komatsu Dresser	532	3.2	16	60	35
New Holland	W170B	3	16	55	35
New Holland	W170B TC/LR	3	16	55	35
Terex	55C	3	16	55	35
Terex	TL210	4.6	20	80	45
Terex	TL260	5.9	CT	105	60
Volvo	L70B	2.1	12	40	35
Volvo	L70C	2.5	12	45	35
Volvo	L70D	2.5	12	45	35
Volvo	L90B	3	16	55	35
Volvo	L90C	3.5	16	65	35
Volvo	L90D	3.5	20	70	40
Dressta	520E	2.3	12	40	35

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

23.5-25 Articulated Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Front Minimum Ply Rating	Middle Minimum Ply Rating	Rear Minimum Ply Rating	Front Minimum Inflation	Middle Minimum Inflation	Rear Minimum Inflation
		tons				psi	psi	psi
Bell	B35D	36	26	32	32	45	70	70
Bell	B40	40	32	32	32	55	80	80
Bell	B40B	40	32	32	32	55	75	75
Bell	B40D 6x4	40	26	32	32	45	80	75
Caterpillar	D25C	25	32	-	32	55	-	75
Caterpillar	D25D	25	32	-	32	55	-	75
Caterpillar	D350C	35	26	26	26	45	60	60
Caterpillar	D350D	35	32	26	26	50	60	60
Caterpillar	D400D	40	32	32	32	55	75	75
Caterpillar	735	35	32	32	32	60	70	70
Caterpillar	735	36	32	32	32	65	70	70
Caterpillar	735A	36	32	32	32	70	70	70
Deere	350C	35	32	32	32	50	65	65
Deere	350D	35	26	32	32	45	65	65
Deere	350D Series II	35	32	32	32	55	70	65
Komatsu	HM350-2	36	32	32	32	55	75	70
Moxy	MT40	40	32	32	32	50	70	70
Moxy-Doosan	MT36	36	32	32	32	50	65	65
Terex	4066	37	20	32	32	40	70	70
Terex	4066B	40	26	32	32	50	75	75
Terex	4066C	40	26	32	32	50	80	80
Terex	TA350	38	26	32	32	45	80	80
Volvo	A35	35	20	32	32	40	70	70
Volvo	A35C	35	20	32	32	40	70	70
Volvo	A35C 6X6	35	20	32	32	40	70	70
Volvo	A35D 6X6	35	26	32	32	45	70	70
Volvo	A35E	37	26	32	32	45	75	75
Volvo	A35E-FS	37	26	32	32	45	75	75
Volvo	A35F	37	26	32	32	50	75	75

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

23.5-25 Loader Usage Chart

For Standard Loader Service: < 250 ft, < 5 mph

Manufacturer	Model	Bucket	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		yd^3		psi	psi
Caterpillar	950F TC	4	16	60	45
Caterpillar	950E	4	16	60	45
Caterpillar	950F-II	4	20	60	45
Caterpillar	950G	3.9	16	60	45
Caterpillar	950G -II	2.7	12	45	40
Caterpillar	950H	4	20	60	50
Caterpillar	960F	4.5	20	70	55
Caterpillar	962G	4.3	20	65	50
Caterpillar	962H	4.5	20	70	50
Caterpillar	966C	4.0	20	60	50
Caterpillar	966D	4.3	20	70	50
Caterpillar	IT62H	4.25	20	65	50
Case	821	3.5	12	50	40
Case	821B	3.5	16	50	40
Case	821C	3.5	16	55	40
Case	821E	4.5	20	60	45
Case	821E XR	4.5	20	70	50
Case	821F	3.5	16	50	40
Case	821F XR	3.5	16	55	45
Case	921F	4.75	20	70	50
Case	921F XR	4.75	24	75	55
Case	W36	4	16	55	45
Daewoo	Mega 300	3.8	16	55	45
Daewoo	Mega 300-III	2.9	12	50	40
Deere	644D	3.2	12	45	35
Deere	644E	3.2	12	45	35
Deere	644G	4	16	55	45
Deere	644H	4.25	16	60	45
Deere	644H-HL	4.25	20	60	45
Deere	644H-MH	4.5	20	65	50
Deere	644H-WH	6	24	80	60
Deere	644K	4.25	20	60	45
Deere	644K-HL	4.25	20	65	50
Deere	644K-WH	5	24	80	60
Deere	724K	4.75	20	65	50
Deere	724K-HL	4.25	20	65	50
Doosan	DL300	4.2	16	60	45
Fiatallis	FR160	3.6	16	50	40
Fiatallis	FR160-2	4	16	55	45
Fiatallis	FR180	4	16	55	45
Fiatallis	FR180-2	4	16	55	45
Fiatallis	FR20	4.5	20	70	50
Fiatallis	FR20B	4.6	20	70	55

Manufacturer	Model	Bucket	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		yd^3		psi	psi
Fiat Hitachi	W190	3.3	12	45	35
Fiat Hitachi	W230	4.6	20	70	50
Fiat Hitachi	FR160-2	4	16	55	45
Hyundai	HL760	4	20	60	50
Hyundai	HL760-7A	4	16	60	45
Hyundai	HL760-XTD-7A	4	20	65	50
Hyundai	HL770-7A	4	20	70	50
Hyundai	HL770-XTD-7A	4	24	70	55
Hyundai	HL35	4.8	24	75	55
JCB	456ZX	4.3	20	65	50
Kawasaki	70ZV-2	3.5	16	50	40
Kawasaki	70TMV-2	3.4	16	55	40
Kawasaki	80Z	3.75	16	55	40
Kawasaki	80ZII	3.75	16	55	40
Kawasaki	80ZIII	3.75	16	55	45
Kawasaki	80ZIV	3.75	16	55	45
Kawasaki	80ZIV-2	4	16	55	45
Kawasaki	80ZV-2	4.2	20	60	45
Komatsu	WA380-3	5.25	20	70	55
Komatsu	WA380-6	4.3	16	60	45
Komatsu	WA380-6 WH	5.5	20	70	50
Komatsu	WA380-6 WH HL	5.5	24	75	60
Komatsu	WA380-7	3.8	16	55	45
Komatsu Dresser	538	4	20	65	50
Komatsu Dresser	540	4.5	20	65	50
New Holland	W190B	3.44	16	50	40
New Holland	W190B LR	3.44	16	55	45
Terex	66C	4	20	65	50
Terex	70C	4.4	20	65	50
Volvo	L120B	3.9	16	55	40
Volvo	L120C	4.7	20	65	50
Volvo	L120D	4.7	20	70	50
Volvo	L150	4.5	24	75	55
Volvo	L150C	5.2	24	80	60
Volvo	L150D	5.2	24	85	65

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

23.5-25 Scraper Usage Chart

For Standard Scraper Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		yd^3		psi	psi
Caterpillar	613B	11	20	40	40
Caterpillar	613C	11	20	40	40
Caterpillar	613C II	11	20	40	45
Deere	762	11	20	45	45
Deere	762B	11	20	45	45
Deere	762B II	11	20	45	45
Kumatsu Dresser	412	11	20	40	40
Kumatsu Dresser	412B	11	20	40	40

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage of failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

26.5-25 Articulated Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Front Minimum Ply Rating	Middle Minimum Ply Rating	Rear Minimum Ply Rating	Front Minimum Inflation	Middle Minimum Inflation	Rear Minimum Inflation
		tons				psi	psi	psi
Bell	B35D	36	26	32	32	45	70	70
Bell	B40	40	32	32	32	55	80	80
Bell	B40B	40	32	32	32	55	75	75
Bell	B40D 6x4	40	26	32	32	45	80	75
Caterpillar	D25C	25	32	-	32	55	-	75
Caterpillar	D25D	25	32	-	32	55	-	75
Caterpillar	D350C	35	26	26	26	45	60	60
Caterpillar	D350D	35	32	26	26	50	60	60
Caterpillar	D400D	40	32	32	32	55	75	75
Caterpillar	735	35	32	32	32	60	70	70
Caterpillar	735	36	32	32	32	65	70	70
Caterpillar	735A	36	32	32	32	70	70	70
Deere	350C	35	32	32	32	50	65	65
Deere	350D	35	26	32	32	45	65	65
Deere	350D Series II	35	32	32	32	55	70	65
Komatsu	HM350-2	36	32	32	32	55	75	70
Moxy	MT40	40	32	32	32	50	70	70
Moxy-Doosan	MT36	36	32	32	32	50	65	65
Terex	4066	37	20	32	32	40	70	70
Terex	4066B	40	26	32	32	50	75	75
Terex	4066C	40	26	32	32	50	80	80
Terex	TA350	38	26	32	32	45	80	80

Load and Inflation Tables

26.5-25 Articulated Truck Usage Chart continued

For Standard Earthmover Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Front Minimum Ply Rating	Middle Minimum Ply Rating	Rear Minimum Ply Rating	Front Minimum Inflation	Middle Minimum Inflation	Rear Minimum Inflation
		tons				psi	psi	psi
Volvo	A35C 6X6	35	20	32	32	40	70	70
Volvo	A35D 6X6	35	26	32	32	45	70	70
Volvo	A35E	37	26	32	32	45	75	75
Volvo	A35E-FS	37	26	32	32	45	75	75
Volvo	A35F	37	26	32	32	50	75	75

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

26.5-25 Loader Usage Chart

For Standard Loader Service: < 250 ft, < 5 mph

Manufacturer	Model	Bucket	Front Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		yd^3		psi	psi
Caterpillar	966E	5	20	60	35
Caterpillar	966F	5	20	60	35
Caterpillar	966F-II	5	20	60	35
Caterpillar	966G	4.75	20	60	35
Caterpillar	966H	5.5	20	65	35
Caterpillar	970F	5.25	20	65	35
Caterpillar	972G	5.4	20	65	35
Caterpillar	972H	6	24	70	40
Case	921	4.75	20	55	35
Case	921B	4.75	20	55	35
Case	921C	4.75	20	55	35
Case	921E	5.75	20	65	35
Case	921E XR	5.75	24	70	40
Case	921F	4.75	20	50	35
Case	921F XR	4.75	20	55	35
Daewoo	Mega 400	5.1	20	60	35
Daewoo	Mega 400-III	3.9	20	50	35
Deere	744E	5	20	60	35
Deere	744H	5.25	20	60	35
Deere	744H-HL	5	20	60	35

Manufacturer	Model	Bucket	Front Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		yd^3		psi	psi
Kawasaki	85Z	4.2	20	50	35
Kawasaki	85ZII	4.2	20	50	35
Kawasaki	85ZIII	4.3	20	55	35
Kawasaki	85ZIV	4.3	20	50	35
Kawasaki	85ZIV-2	4.75	20	55	35
Kawasaki	85ZV-2	4.8	20	55	35
Kawasaki	90ZIII	5	20	60	35
Kawasaki	90ZIV	5	20	60	35
Kawasaki	90ZIV-2	5.5	20	65	35
Kawasaki	90ZV	5.2	20	60	35
Kawasaki	90ZV	4.25	20	70	35
Kawasaki	90ZV-2	5.2	20	80	35
Kawasaki	92ZV-2	6	24	100	40
Kawasaki	95ZV-2	7	32	120	50
Komatsu	WA420-1	4.75	20	55	35
Komatsu	WA420-3	6	20	60	35
Komatsu	WA450-2	5.5	20	65	35
Komatsu	WA450-3	6.8	24	70	40
Komatsu	WA470-6	5	20	60	35
Komatsu	WA480-6	5.4	20	65	35

26.5-25 Loader Usage Chart continued

For Standard Loader Service: < 250 ft, < 5 mph

Manufacturer	Model	Bucket	Front Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		yd^3		psi	psi
Deere	824K	6	24	75	40
Deere	824K-HL	6	28	80	45
Deere	844	6	24	70	40
Fiatallis	FR220	5.1	20	60	35
Fiatallis	FR220-2	5	20	60	35
Fiat Hitachi	W270	5.2	20	60	35
Fiat Hitachi	FR220-2	5	20	60	35
Furukawa	FL330-I	4.3	20	50	35
Hyundai	HL770	5	20	65	35
Hyundai	HL770-7A	5.2	20	60	35
Hyundai	HL770XTD-7A	5.2	20	65	35
Hyundai	HL780-7A	6.7	32	80	45
Hyundai	HL780XTD-7A	6.7	32	85	50
Hyundai	HL780-9	7.1	32	90	50
Hyundai	HL780XTD-9	7.1	32	95	55

Manufacturer	Model	Bucket	Front Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		yd^3		psi	psi
Terex	80C	5.5	24	70	40
Volvo	L150C	5.2	20	60	35
Volvo	L150D	5.2	20	65	35
Volvo	L180	5.5	20	65	35
Volvo	L180C	6	24	70	40
Volvo	L180D	6.3	28	75	40
Volvo	L190	5.2	20	70	35
Volvo	L190B	5.2	20	65	35

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

26.5-25 Scraper Usage Chart

For Standard Scraper Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		yd^3		psi	psi
Caterpillar	611	15	CT	75	55
Caterpillar	611C II	15	CT	75	55
Caterpillar	615	16	32	60	50
Caterpillar	615C	16	32	60	50
Caterpillar	615C II	17	CT	65	60
Deere	862	16	32	55	55
Deere	862B	17	32	55	55
Fiatallis	161	15	26	45	45

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

29.5-25 Articulated Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Front Minimum Ply Rating	Middle Minimum Ply Rating	Rear Minimum Ply Rating	Front Minimum Inflation	Middle Minimum Inflation	Rear Minimum Inflation
		tons				psi	psi	psi
Atlas	FB-645	45	34	34	34	55	60	60
Bell	B40B	40	28	28	28	40	50	45
Bell	B40D 6x6	40	28	34	34	40	50	50
Caterpillar	D30C	30	28	—	34	45	—	65
Caterpillar	D30D	30	28	—	34	45	—	65
Caterpillar	D35C	35	28	—	—	40	—	—
Caterpillar	D40D	40	34	—	—	55	—	—
Caterpillar	D350C	35	28	28	28	35	35	35
Caterpillar	D350D	35	28	28	28	35	35	35
Caterpillar	D400D	40	28	28	28	40	45	45
Caterpillar	D400E	40	28	28	28	45	45	45
Caterpillar	740	40	34	28	28	50	50	45
Caterpillar	740	44	34	34	34	55	55	50
Caterpillar	740 Ejector	42	28	34	34	45	60	60
Caterpillar	740 B	44	34	34	34	60	55	50
Caterpillar	740 B Ejector	42	28	34	34	50	60	60
Deere	400C	40	28	28	28	40	45	45
Deere	400D	40	28	34	34	40	50	50
Deere	400D Series II	40	28	34	34	40	55	50
Doosan	AD400	44	28	34	34	40	55	55
Komatsu	HD400	40	28	34	34	35	55	55
Komatsu	HM400-2	40	28	34	34	40	55	55
Komatsu	HM400-3	44	28	34	34	45	60	60
Moxy-Doosan	MT41	41	28	34	34	40	50	50
Moxy-Doosan	MT51	51	28	34	34	45	65	65
Terex	TA400	42	28	34	34	30	60	60
Volvo	A40	40	28	34	34	35	55	55
Volvo	A40 6X6	40	28	34	34	35	55	55
Volvo	A40D 6X6	40	28	34	34	35	55	55
Volvo	A40E	43	28	34	34	40	55	55
Volvo	A40E-FS	43	28	34	34	40	55	55
Volvo	A40F	43	28	34	34	40	55	55
Volvo	A25 4X4	25	-	-	34	-	-	60
Volvo	A25B 4X4	25	-	-	34	-	-	60
Volvo	A25C 4X4	25	-	-	34	-	-	60
Volvo	A25E 4X4	27	28	28	34	-	-	65

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

29.5-25 Loader Usage Charts

For Standard Loader Service: < 250 ft, < 5 mph

Manufacturer	Model	Bucket	Front Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.		psi	psi
Caterpillar	980C	6.75	28	70	40
Caterpillar	980F	7	28	70	40
Caterpillar	980F-II	7	28	70	40
Caterpillar	980G	7	28	75	40
Caterpillar	980H	7.5	28	75	40
Caterpillar	980K	7	28	75	40
Case	1221E	9.2	28	45	35
Case	1221E XR	9.2	28	45	35
Furukawa	FL460	6	28	65	35
Hyundai	HL780-7A	6.7	28	65	35
Hyundai	HL780XTD-7A	6.7	28	70	40
Hyundai	HL780-9	7.1	28	70	40
Hyundai	HL780XTD-9	7.1	28	75	40
John Deere	844J	7.25	28	75	40
Kawasaki	95Z	6	28	60	35

Manufacturer	Model	Bucket	Front Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.		psi	psi
Kawasaki	95ZII	6	28	60	35
Kawasaki	95ZIII	6.5	28	70	35
Kawasaki	95ZIV	6.5	28	65	35
Kawasaki	95ZIV-2	7.25	28	70	40
Kawasaki	95ZV-2	7	28	70	40
Komatsu	WA500-1	6	28	65	35
Komatsu	WA500-3	7.2	28	70	35
Komatsu	WA500-6	7.3	28	75	45
Komatsu	WA500-7	7.3	28	80	45
Komatsu Dresser	555	6	28	70	35
Komatsu Dresser	558	6	28	65	35
Volvo	L190	5.2	28	55	35
Volvo	L190B	5.2	28	55	35
Volvo	L220D	7	28	65	35
Volvo	L220E	7.1	28	75	40

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

29.5-25 Scraper Usage Chart

For Standard Scraper Service: < 2.5 mi, < 30 mph)

Manufacturer	Model	Payload	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.		psi	psi
Caterpillar	611	15	34	55	40
Caterpillar	611C II	15	34	55	40
Caterpillar	615	16	28	45	35
Caterpillar	615C	16	28	45	35
Caterpillar	615C II	17	28	50	45
Deere	862B	16	28	40	40
Fiatallis	161	15	22	35	35
Kress	862-OB18-RD	18	28	45	45
Kress	862-OB20-RD	20	34	50	50
Terex	TS14B	20	34	50	50
Terex	TS14C	20	34	55	50
Terex	TS14G	20	34	60	55

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

29.5-29 Scraper Usage Chart

For Standard Scraper Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.		psi	psi
Caterpillar	621B	20	34	60	45
Caterpillar	621E	20	34	60	50
Caterpillar	621G	22	CT	70	55
Caterpillar	623B	22	CT	70	55
Caterpillar	623E	23	CT	70	60
Caterpillar	623F	23	CT	75	75
Caterpillar	627B	20	34	60	65
Caterpillar	627E	20	34	60	65
Caterpillar	627G	22	CT	65	75
Fiatallis	261B	23	34	60	55
Fiatallis	262B	21	34	60	55
Fiatallis	263B	23	CT	65	75
Komatsu Dresser	431B	21	34	55	45
Komatsu Dresser	433B	21	34	55	60
Komatsu Dresser	442B	22	34	60	55
Komatsu Dresser	444B	22	CT	65	70
Terex	S23E	23	34	60	55

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

29.5-35 Scraper Usage Chart

For Standard Scraper Service: < 2.5 mi), < 30 mph

Manufacturer	Model	Payload	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.		psi	psi
Caterpillar	621B	20	34	55	40
Caterpillar	621E	20	34	55	45
Caterpillar	623B	23	CT	65	50
Caterpillar	623E	23	CT	60	55
Caterpillar	627B	20	34	55	55
Caterpillar	627E	20	34	50	60
Geta Gripman	15TT	22	CT	60	65
Terex	S23E	23	34	55	50

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

33.5-33 Scraper Usage Chart

For Standard Scraper Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.		psi	psi
Terex	TS24	33	CT	55	65
Terex	TS36	40	CT	85	80
Terex	TS40	50	CT	80	85

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

37.5-33 Scraper Usage Chart

For Standard Scraper Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.		psi	psi
Terex	TS24B	34	42	60	55
Terex	S24B	34	42	55	50
Terex	TS38B	41	CT	65	65

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

37.5-39 Scraper Usage Chart

For Standard Scraper Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.		psi	psi
Caterpillar	651B	44	52	70	65
Caterpillar	651E	44	CT	80	65
Caterpillar	657B	44	CT	80	85
Caterpillar	657E	44	CT	90	85

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

18.00-33 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Ply Rating	Rear Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		tons			psi	psi
Caterpillar	769B	35	32	32	85	80
Caterpillar	769C	40	32	32	100	100
Caterpillar	769D	35	32	32	100	100
Caterpillar	770	40	32	32	CT	105
Caterpillar	771C Quarry	44	CT	CT	CT	CT
Caterpillar	771D	45	CT	CT	CT	CT
Euclid-Hitachi	EH 650	40	32	32	80	90
Euclid-Hitachi	EH 700	42	32	32	105	105
Euclid-Hitachi	EH 750	43	CT	CT	CT	CT
Euclid-Hitachi	EH 750-3	46	CT	CT	CT	CT
Euclid-Hitachi	R35	35	32	32	95	95
Euclid-Hitachi	R36	40	32	32	80	90
Euclid-Hitachi	R40	42	32	32	100	100
Euclid-Hitachi	R40-C	42	32	32	105	105
Komatsu	HD325-3	35	32	32	75	80
Komatsu	HD325-5	35	32	32	75	80
Komatsu	HD325-6 Quarry	44	32	CT	105	CT
Komatsu	HD325-6 4WD	35	32	32	90	90
Komatsu	HD325-6	44	32	32	95	105
Komatsu	HD325-7	40	32	32	100	105
Komatsu	HD405-7	45	32	32	CT	CT
Komatsu Haulpak	140M	40	32	32	100	100
Terex	3340	40	CT	32	CT	105

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

21.00-35 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Ply Rating	Rear Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		tons			psi	psi
Caterpillar	773	50	36	36	95	90
Caterpillar	773B	58	CT	CT	CT	CT
Dart	2085	85	36	36	65	95
Euclid-Hitachi	R50	58	CT	CT	CT	CT
Komatsu	HD460-1	51	36	36	90	100
Terex	3345	45	36	36	85	80
Terex	3307	49	36	36	85	85
Terex	3308E	55	CT	CT	CT	CT
Terex	TR45	45	CT	CT	85	85

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

24.00-35 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Ply Rating	Rear Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		tons			psi	psi
Caterpillar	773	50	36	36	65	60
Caterpillar	773B	58	36	36	75	75
Caterpillar	773D	50	36	42	75	75
Caterpillar	773E	60	42	42	80	80
Caterpillar	773F	61	48	42	90	80
Caterpillar	775B Quarry	65	42	42	85	85
Caterpillar	775D	65	42	48	80	95
Caterpillar	775E	70	42	48	85	100
Caterpillar	775F	70	48	48	95	95
Dart	2085	85	36	36	45	60
Euclid-Hitachi	EH 1000	66	42	48	85	85
Euclid-Hitachi	EH 1100	72	48	48	90	100
Euclid-Hitachi	EH 1100-3	72	48	48	90	100
Euclid-Hitachi	R50	58	36	36	70	70
Euclid-Hitachi	R60	63	36	42	70	80
Euclid-Hitachi	R60-C	66	48	42	95	80
Euclid-Hitachi	R65	69	42	48	85	85
Euclid-Hitachi	R65-C	71	48	48	90	100
Euclid-Hitachi	R75	75	48	48	105	100
Komatsu	HD465-3	51	36	36	60	65
Komatsu	HD465-5	61	36	36	60	70
Komatsu	HD465-5 Quarry	66	48	48	90	95
Komatsu	HD465-7	61	42	42	75	85
Komatsu	HD605-5	67	42	48	80	85
Komatsu	HD605-7	70	48	48	90	100
Komatsu-Haulpak	210M	60	42	42	75	75
Terex	3308E	55	36	36	70	70
Terex	3309	55	42	42	80	80
Terex	3310E	66	48	48	90	90
Terex	TR60	60	42	42	80	75
Terex	TR70	72	48	48	105	100

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

27.00-49 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Ply Rating	Rear Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		tons			psi	psi
Caterpillar	777	85	42	42	75	75
	777B	95	48	48	85	85
	777C	95	48	48	85	85
	777D	100	48	48	100	100
	777F	100	48	48	100	105
Euclid-Hitachi	R85B	85	48	48	85	90
	R90	96	48	48	90	90
	R90-C	100	48	48	95	95
	R100	100	48	48	95	100
	EH1600	99	48	48	100	100
	EH1700	108	48	48	110	110
	EH1700-3	100	48	48	100	105
Komatsu	HD785-1	86	42	42	70	75
	HD785-3	86	48	48	75	80
	HD785-3	100	48	48	85	95
	HD785-5	106	48	48	105	105
	HD785-7	100	48	48	95	110
Komatsu Haulpak	325M	95	48	48	90	85
	330M	100	48	48	95	100
Komatsu Mining Systems	HD785-5	106	48	48	100	110
	330M	100	48	48	100	110
Kress	CH160	160	48	48	CT	105
	CH180	180	48	48	CT	CT
Rimpull	RD100	100	48	48	85	100
	RD100C	100	48	48	90	100
Terex	3311C	85	42	42	75	70
	3311D	77	48	42	85	75
	3311E	94	48	48	95	85
	TR100	94	48	48	100	95
Unit Rig	Dart 3100	100	48	48	95	100
	Dart 4160	160	42	48	55	90
	M85	85	42	42	70	70
	M100	100	48	48	90	90
	M120-15	120	48	48	110	110
	Mark 24	85	48	42	90	70

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Above Loads are applicable to 30-56.5 tire

Load and Inflation Tables

33.00-51 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed specified

Manufacturer	Model	Payload	Front Minimum Ply Rating	Rear Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		tons			psi	psi
Caterpillar	785	155	58	58	105	105
	785B	155	58	58	105	105
	785C & D	155	58	58	115	115
	785	150	58	58	100	100
	785B	150	58	58	100	100
	785C & D	150	58	58	110	110
	785	140	58	58	95	95
	785B	140	58	58	95	95
	785C & D	140	58	58	105	100
	785	130	58	58	90	85
	785B	130	58	58	90	85
	785C & D	130	58	58	100	95
Euclid-hitachi	R130	146	58	58	90	90
	R130B	146	58	58	95	95
	R150	165	58	58	110	110
Komatsu Haulpak	510E	150	58	58	100	100
	530M	165	58	58	110	115
Komatsu Mining	530M	165	58	58	110	115
Terex	3314B	125	58	58	80	75
	3300	150	58	58	105	110
	3300AC	150	58	58	110	110

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

33.25-29 Scraper Usage Chart

For Standard Scraper Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.		psi	psi
Caterpillar	621B	20	32	45	35
Caterpillar	621E	20	32	45	35
Caterpillar	621F	20	32	45	35
Caterpillar	621G	20	38	50	40
Caterpillar	621G	22	38	50	40
Caterpillar	621H	24	38	60	50
Caterpillar	623F	23	38	55	55
Caterpillar	623G	23	38	55	55
Caterpillar	623H	23	38	60	50
Caterpillar	627B	20	32	45	45
Caterpillar	627E	20	32	40	50
Caterpillar	627F	20	38	50	50
Caterpillar	627G	20	38	50	55
Caterpillar	627G	22	38	50	55
Caterpillar	627G std	22	38	50	55
Caterpillar	627G push/pull	22	38	50	55
Caterpillar	627G	22	38	55	50
Caterpillar	627H	24	CT	60	60

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

33.25-35 Scraper Usage Chart

For Standard Scraper Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.		psi	psi
Caterpillar	631D	31	CT	75	55
Caterpillar	631E	31	CT	75	60
Caterpillar	633D	34	CT	80	75
Caterpillar	637D	31	CT	75	75
Caterpillar	637E	31	CT	75	80

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

37.25-35 Scraper Usage Chart

For Standard Scraper Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Minimum Ply Rating	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.		psi	psi
Caterpillar	631D	31	42	55	40
Caterpillar	631E	31	42	55	45
Caterpillar	631E II	31	42	55	45
Caterpillar	631G	31	42	65	55
Caterpillar	631G	34	42	60	50
Caterpillar	633D	34	42	60	55
Caterpillar	633E	34	CT	70	65
Caterpillar	633E II	34	42	65	60
Caterpillar	637D	31	42	55	55
Caterpillar	637E	31	42	55	60
Caterpillar	637E II	31	42	60	60
Caterpillar	637G	31	42	65	65
Caterpillar	637G	34	42	60	65
Terex	TS24C	34	42	60	60
Terex	S24C	34	42	60	50
Terex	TS38C	46	42	60	65
Terex	TS46C	56	42	60	65

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

41.25/70-39 Loader Usage Charts

For Standard Loader Service: < 250 ft, < 5 mph
For L-4, L-5, L-5S and L-5/L-5S with 7x7 Steel Belts

Manufacturer	Model	Standard Bucket Size	Front Minimum Ply	Front Minimum Inflation	Rear Minimum Ply	Rear Minimum Inflation
		Cu. Yd.			psi)	psi
Caterpillar	990	11	42	90	42	50
	990H	11.25	42	95	42	55
Komatsu	WA700-1	11.1	42	80	42	45
Volvo	L480B	12.5	42	110	42	65

For Service under chains, or load and carry operations, contact OTR Field Engineering for Aralon belted options. Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

35/65-33 Loader Usage Charts

For Standard Loader Service: < 250 ft, < 5 mph
For L-4, L-5, L-5S and L-5/L-5S with 7x7 Steel Belts

Pit Loader Type Operation

Manufacturer	Model	Standard Bucket Size	Front Min. Ply	Front Min. Inflation	Rear Min. Ply	Rear Min. Inflation
Caterpillar	988B	8	42	105	30	60
	988F	7.75	42	100	30	60
	988G	8	42	110	30	65
	988H	8.33	42	115	36	70
Kawasaki	110Z	7.5	36	90	30	60
	110ZII	7.5	36	90	30	60
	115ZIII	7.5	36	90	30	60
	115ZIV	7.5	42	95	30	60
	115ZIV-2	8.25	42	105	30	65
	115ZV-2	7.8	42	100	30	60
Komatsu	WA600-1	7.1	36	85	30	60
	WA600-3	8	42	90	30	60
	WA600-6	9.2	42	120	36	75
Komatsu Dresser	568	7.5	36	90	30	60
O&K	7500	7	36	85	30	60
Terex	90C	8.5	42	105	30	60
Volvo	L320	8	42	100	30	60
	L330C	8.6	42	110	30	65
	L330D	8.6	42	110	30	65
	L330E	9	42	110	30	65

Yard Loader Type Operations

Manufacturer	Model	Standard Bucket Size	Front Min. Ply	Front Min. Inflation	Rear Min. Ply	Rear Min. Inflation
Caterpillar	988B	8	36	85	30	60
	988F	7.75	30	85	30	60
	988G	8	42	95	30	60
	988H	8.33	42	95	30	60
Kawasaki	110Z	7.5	30	75	30	60
	110ZII	7.5	30	75	30	60
	115ZIII	7.5	30	75	30	60
	115ZIV	7.5	30	80	30	60
	115ZIV-2	8.25	36	90	30	60
	115ZV-2	7.8	36	85	30	60
Komatsu	WA600-1	7.1	30	70	30	60
	WA600-3	8	30	75	30	60
	WA600-6	9.2	42	100	30	60
Komatsu Dresser	568	7.5	30	75	30	60
O&K	7500	7	30	75	30	60
Terex	90C	8.5	36	85	30	60
Volvo	L320	8	36	85	30	60
	L330C	8.6	36	90	30	60
	L330D	8.6	36	90	30	60
	L330E	9	36	90	30	60

For Service under chains, or load and carry operations, contact OTR Field Engineering for Aralon belted options. Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

45/65-45 Loader Usage Charts

For Standard Loader Service: < 250 ft, < 5 mph
For L-4, L-5, L-5S and L-5/L-5S with 7x7 Steel Belts

Manufacturer	Model	Standard Bucket Size	Front Minimum Ply	Front Minimum Inflation	Rear Minimum Ply	Rear Minimum Inflation
		Cu. Yd.			psi	psi
Caterpillar	992B	10	46	70	46	60
	992C	12.5	58	105	46	60
	992C HL	12.5	58	115	46	70
	992D	14	58	110	46	65
	992D HL	14	58	120	46	70
	992G	16	58	120	46	80
	992G HL	16	58	120	50	85
	992K	14	58	120	58	100
	992K HL	14	58	120	58	105
Komatsu	WA800-2	13.7	58	105	46	60
	WA800-3	14.4	58	115	46	70
	WA900-3	17	58	120	46	80
	WA900-3	17.0	58	120	50	80
LeTourneau	L1000	17	58	120	46	75
	L-950-2	18	58	120	50	85
	L-950-2 HL	16	58	120	46	80
	L330C	8.6	42	110	30	65
	L330D	8.6	42	110	30	65
	L330E	9	42	110	30	65

For Service under chains, or load and carry operations, contact OTR Field Engineering for Aralon belted options. Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

20.5R25 Articulated Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Front Minimum Inflation	Middle Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi	psi
Bell	B20B	20	45	55	55
Bell	B20D 6x4	18	40	60	60
Bell	B20D 6x6	18	40	65	60
Caterpillar	D250B	25	70	75	75
Caterpillar	D250D	25	60	75	75
Komatsu	HA250-1	25	75	70	70
Moxy	MT30 LHS	30	85	80	80
Terex	2364	23	70	65	60
Terex	2366	23	70	65	60
Terex	2566B	25	80	70	70
Terex	2566C	25	80	75	70
Volvo	A20C 6X6	20	50	60	60
Volvo	A25 6X4	25	55	70	70
Volvo	A25	25	55	75	75
Volvo	A25B	25	55	75	75
Volvo	A20 6X4	20	*	55	55

*See 23.5R25 sheet for front tire

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

20.5R25 Loader Usage Chart

For Standard Loader Service: < 250 ft, < 5 mph

Manufacturer	Model	Bucket	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.	psi	psi
Caterpillar	IT38F	3.25	70	55
Caterpillar	IT38G	3.3	70	55
Caterpillar	IT38H	3.3	80	55
Caterpillar	924G	2.3	55	55
Caterpillar	924H	2.4	55	55
Caterpillar	924HZ	2.3	50	50
Caterpillar	924K	2.5	55	55
Caterpillar	928HZ	2.6	60	55
Caterpillar	930H	2.7	60	55
Caterpillar	930K	2.7	60	55
Caterpillar	936F TC	3	65	55
Caterpillar	938F	3.25	70	55
Caterpillar	938G	3.25	70	55
Caterpillar	938H	3.65	80	55
Caterpillar	938K	3.27	70	55
Caterpillar	950B	3.75	85	55
Caterpillar	950F	4	90	55
Case	621B	2.25	55	55
Case	621B XT	2.25	60	55
Case	621D	2.5	55	55
Case	621E	3	65	55
Case	621E XT	3	65	55
Case	621E XR	3	65	55
Case	721	2.75	60	55
Case	721B	2.75	60	55
Case	721B XT	2.75	65	55
Case	721C	2.75	65	55
Case	721E	3.5	70	55
Case	721E XT	3	65	55
Case	721E XR	3	70	55
Case	721F	3	65	55
Case	721F XT	3	70	55
Case	721F XR	3	70	55
Case	W30	3.5	65	55
Daewoo	Mega 250-III	3.1	70	55
Deere	524K	2.75	60	55
Deere	524K-HL	2.75	60	55
Deere	544H	3	65	55
Deere	544H-HL	3	65	55
Deere	544K	3	65	55
Deere	544K-HL	3	65	55
Deere	624E	2.6	60	55
Deere	624G	3.25	70	55
Deere	624H	3.5	70	55
Deere	624H-HL	3	70	55
Deere	624K	3.5	75	55
Deere	624K-HL	3.5	75	55
Deere	644B	2.5	55	55
Deere	644C	3	65	55
Fiatallis	FR130	3	65	55
Fiatallis	FR130-2	3	65	55
Fiatallis	FR140	3	65	55
Fiatallis	FR140-2	3.25	70	55
Fiatallis	FR15	3	70	55
Fiatallis	FR15B	3.1	70	55

Manufacturer	Model	Bucket	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.	psi	psi
Fiat Hitachi	W170 PL	3.9	80	55
Furukawa	FL150-I	2	50	50
Furukawa	FL200-I	2.6	55	55
Furukawa	FL230-I	3.1	70	55
Hyundai	HL750	3	65	55
Hyundai	HL25	3.5	80	55
Hyundai	HL740-7	2.7	60	55
Hyundai	HL740TM-7	2.6	60	55
Hyundai	HL740XTD-7	2.7	60	55
Hyundai	HL757-7	3.5	75	55
Hyundai	HL757TM-7	3.3	80	55
Hyundai	HL757XTD-7	3.5	80	55
JCB	426HT	2.75	65	55
JCB	426ZX	2.75	60	55
JCB	426HT	2.5	60	55
JCB	426ZX	2.5	60	55
JCB	436HT	3.5	75	55
JCB	436ZX	3.5	75	55
JCB	436HT	3.5	75	55
JCB	436ZX	3.5	75	55
JCB	456HT	4.6	105	55
Kawasaki	70Z	3	65	55
Kawasaki	70ZII	3	65	55
Kawasaki	70ZIII	3.25	65	55
Kawasaki	70ZIV	3.25	70	55
Kawasaki	70ZIV-2	3.5	70	55
Komatsu	WA250-1	3	55	55
Komatsu	WA250-3	3.5	65	55
Komatsu	WA250-3 PTC	3	65	55
Komatsu	WA320-1	3.25	70	55
Komatsu	WA320-3	4.2	80	55
Komatsu Dresser	520CH	2.5	55	55
Komatsu Dresser	525	2.7	60	55
Komatsu Dresser	530	3	65	55
Komatsu Dresser	530C	3	65	55
Komatsu Dresser	532	3.2	70	55
Terex	55C	3	65	55
Volvo	L60F	2.7	60	55
Volvo	L70B	2.1	50	50
Volvo	L70C	2.5	55	55
Volvo	L70D	2.5	55	55
Volvo	L70F	3	65	55
Volvo	L90B	3	65	55
Volvo	L90C	3.5	75	55
Volvo	L90D	3.5	80	55
Volvo	L90E	3.3	75	55
Volvo	L90F	3.5	80	55

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

23.5R25 Articulated Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Front Minimum Inflation	Middle Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi	psi
Bell	B25B	25	50	50	50
Bell	B25D	26	50	55	55
Bell	B30B	30	60	65	65
Bell	B30D	30	50	65	65
Caterpillar	D20D	20	60	—	75
Caterpillar	D250B	25	50	55	55
Caterpillar	D250D	25	45	55	55
Caterpillar	D250E	25	55	65	65
Caterpillar	D300B	30	60	65	65
Caterpillar	D300D	30	55	70	70
Caterpillar	D300E	30	55	70	70
Caterpillar	D350C	35	75	80	75
Caterpillar	725	25	55	60	60
Caterpillar	725	26	60	65	60
Caterpillar	730	30	60	70	75
Caterpillar	730	31	65	75	75
Caterpillar	730 Ejector	31	60	85	80
Deere	250C	25	50	45	50
Deere	250D	25	50	55	55
Deere	250D Series II	25	50	55	55
Deere	300C	30	60	65	65
Deere	300D	30	50	65	65
Deere	300D Series II	30	55	65	65
Deere	300D Series II ww	30	55	75	75
Doosan	DA30	31	70	70	70
Komatsu	HA270-1	27	60	60	60
Komatsu	HM300-1	30	65	75	75
Komatsu	HM300-2	30	65	75	75
Komatsu	HM300-3	31	60	85	75
Moxy	MT30 X	30	75	55	55
Moxy	MT30 LHS	30	60	60	60
Moxy-Doosan	MT26	26	60	60	60
Moxy-Doosan	MT31	31	70	70	70

Manufacturer	Model	Payload	Front Minimum Inflation	Middle Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi	psi
Randon	RK-628	28	50	60	60
Terex	2566B	25	60	50	50
Terex	2566C	25	60	55	50
Terex	2766B	28	60	60	55
Terex	2766C	28	65	60	55
Terex	3066	30	65	60	60
Terex	3066C	30	55	70	70
Terex	TA250	28	65	65	65
Terex	TA250-T4	28	70	65	65
Terex	TA300	31	70	70	70
Terex	TA300-T4	31	75	70	70
Terex	TA400-T4	42	75	120	120
Volvo	A20 6X4	20	40	-	-
Volvo	A25 4X4	25	45	-	-
Volvo	A25B 4X4	25	45	-	-
Volvo	A25C 4X4	25	50	-	-
Volvo	A25 6X4	25	40	55	55
Volvo	A25	25	40	55	55
Volvo	A25B	25	40	55	55
Volvo	A25C	25	45	55	55
Volvo	A25C 6X6	25	45	55	55
Volvo	A25E	27	55	65	65
Volvo	A25F	27	55	65	65
Volvo	A30	30	55	65	65
Volvo	A30C	30	60	70	70
Volvo	A30C 6X6	30	60	65	65
Volvo	A30E	31	60	75	75
Volvo	A30F	31	60	75	75

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

23.5R25 Loader Usage Chart

For Standard Loader Service: < 250 ft), < 5 mph

Manufacturer	Model	Bucket	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.	psi	psi
Caterpillar	950F TC	4	70	55
Caterpillar	950E	4	70	55
Caterpillar	950F-II	4	70	55
Caterpillar	950G	3.9	70	55
Caterpillar	950G -II	2.7	55	55
Caterpillar	950H	4	70	55
Caterpillar	950H/K	-	65	55
Caterpillar	950L	7.5	70	55
Caterpillar	960F	4.5	80	55
Caterpillar	962G	4.3	75	55
Caterpillar	962H	4.3	75	55
Caterpillar	962H/K	-	70	55
Caterpillar	962L	3.9	70	55
Caterpillar	966C	4	70	55
Caterpillar	966D	4.25	80	55
Caterpillar	IT62H	4.25	75	55
Case	821	3.5	60	55
Case	821B	3.5	60	55
Case	821C	3.5	60	55
Case	821E	4.5	70	55
Case	821E XR	4.5	75	55
Case	821F	3.5	65	55
Case	821F XR	3.5	65	55
Case	921F	4.75	80	55
Case	921F XR	4.75	85	55
Case	W36	4	65	55
Daewoo	Mega 300	3.8	65	55
Daewoo	Mega 300-III	2.9	60	55
Deere	644D	3.2	55	55
Deere	644E	3.2	55	55
Deere	644G	4	65	55
Deere	644H	4.25	70	55
Deere	644H-HL	4.25	70	55
Deere	644H-MH	4.5	70	55
Deere	644H-WH	6	90	55
Deere	644K	4.25	70	55
Deere	644K-HL	4.25	75	55
Deere	724K	4.75	75	55
Deere	724K-HL	4.25	75	55

Manufacturer	Model	Bucket	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.	psi	psi
Fiatallis	FR160	3.6	60	55
Fiatallis	FR160-2	4	65	55
Fiatallis	FR180	4	65	55
Fiatallis	FR180-2	4	65	55
Fiatallis	FR20	4.5	75	55
Fiatallis	FR20B	4.6	80	55
Fiat Hitachi	W190	3.3	55	55
Fiat Hitachi	W230	4.6	75	55
Fiat Hitachi	FR160-2	4	65	55
Hyundai	HL760	4	70	55
Hyundai	HL760-7A	4	70	55
Hyundai	HL760XTD-7A	4	75	55
Hyundai	HL35	4.8	85	55
JCB	456ZX	4.3	75	55
JCB	456ZX	4.3	75	55
Kawasaki	80Z	3.75	65	55
Kawasaki	80ZII	3.75	65	55
Kawasaki	80ZIII	3.75	65	55
Kawasaki	80ZIV	3.75	65	55
Kawasaki	80ZIV-2	4	65	55
Komatsu	WA380-3	5.25	80	55
Komatsu	WA430-6	4.6	75	55
Komatsu Dresser	538	4	70	55
Komatsu Dresser	540	4.5	70	55
Terex	66C	4	75	55
Terex	70C	4.4	75	55
Terex	TL310	4	70	55
Volvo	L110F	4.4	75	55
Volvo	L120B	3.9	60	55
Volvo	L120C	4.7	75	55
Volvo	L120D	4.7	80	55
Volvo	L120F	4.7	80	55
Volvo	L150	4.5	80	55
Volvo	L150C	5.2	85	55
Volvo	L150D	5.2	95	55

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

26.5R25 Articulated Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Front Minimum Inflation	Middle Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi	psi
Bell	B35D	36	60	70	70
Bell	B40	40	65	80	80
Bell	B40B	40	70	75	75
Bell	B40D 6x4	40	60	80	75
Caterpillar	D25C	25	65	—	75
Caterpillar	D25D	25	65	—	75
Caterpillar	D350C	35	60	60	60
Caterpillar	D350D	35	60	60	60
Caterpillar	D400D	40	70	75	75
Caterpillar	735	35	70	70	70
Caterpillar	735	36	75	70	70
Caterpillar	735B	36	80	70	70
Caterpillar	735B	36	80	70	70
Deere	350C	35	60	65	65
Deere	350D	35	55	65	65
Deere	350D Series II	35	65	70	65
Komatsu	HM350-2	36	65	75	70
Moxy	MT40	40	60	70	70
Moxy-Doosan	MT36	36	65	65	65
Terex	4066	37	50	70	70
Terex	4066B	40	60	75	75
Terex	4066C	40	60	80	80
Terex	TA350	38	55	80	80
Volvo	A35	35	50	70	70
Volvo	A35C	35	50	70	70
Volvo	A35C 6X6	35	50	70	70
Volvo	A35D 6X6	35	55	70	70
Volvo	A35E	37	55	75	75
Volvo	A35E-FS	37	55	75	75
Volvo	A35F	37	60	75	75

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

26.5R25 Loader Usage Chart

For Standard Loader Service: < 250 ft, < 5 mph

Manufacturer	Model	Bucket	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.	psi	psi
Caterpillar	966E	5	70	60
Caterpillar	966F	5	70	60
Caterpillar	966F-II	5	70	60
Caterpillar	966G	4.75	70	60
Caterpillar	966H	5.5	75	60
Caterpillar	966K	5.5	80	60
Caterpillar	970F	5.3	75	60
Caterpillar	972G	5.4	75	60
Caterpillar	972H	5.5	75	60
Caterpillar	972K	5.5	80	60
Case	921	4.75	65	60
Case	921B	4.75	65	60
Case	921C	4.75	65	60
Case	921E	5.75	75	60
Case	921E XR	5.75	80	60
Case	921F	4.75	65	60
Case	921F XR	4.75	65	60
Daewoo	Mega 400	5.1	70	60
Daewoo	Mega 400-III	3.9	65	60
Deere	744E	5	70	60
Deere	744H	5.25	70	60
Deere	744H-HL	4.5	70	60
Deere	744H-MH	5.75	80	60
Deere	744K	5.25	75	60
Deere	744K-HL	5.25	80	60
Deere	824K	6	85	60
Deere	824K-HL	6	85	60
Deere	844	6	80	60
Doosan	DL400	5.1	70	60
Doosan	DL450	6.3	85	60
Doosan	DL450-3	5.9	80	60
Fiatallis	FR220	5.1	70	60
Fiatallis	FR220-2	5	70	60
Fiat Hitachi	W270	5.2	70	60
Fiat Hitachi	FR220-2	5	70	60
Furukawa	FL330-I	4.3	60	60

Manufacturer	Model	Bucket	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.	psi	psi
Hyundai	HL770	5	75	60
Hyundai	HL770-7A	5.2	70	60
Hyundai	HL770XTD-7A	5.2	75	60
Kawasaki	85Z	4.2	60	60
Kawasaki	85ZII	4.2	60	60
Kawasaki	85ZIII	4.3	65	60
Kawasaki	85ZIV	4.3	60	60
Kawasaki	85ZIV-2	4.75	65	60
Kawasaki	85ZV-2	4.8	65	60
Kawasaki	90ZIII	5	70	60
Kawasaki	90ZIV	5	70	60
Kawasaki	90ZIV-2	5.5	75	60
Kawasaki	90ZV-2	5.2	70	60
Komatsu	WA420-1	4.75	65	60
Komatsu	WA420-3	6	70	60
Komatsu	WA450-2	5.5	75	60
Komatsu	WA450-3	6.8	85	60
Komatsu	WA470-6	5	70	60
Komatsu	WA470-6 HL	5	75	60
Komatsu	WA470-6 WH	8.25	100	60
Komatsu	WA470-6 WH HL	8.25	110	60
Komatsu	WA480-6	6	80	60
Komatsu Dresser	542	4.75	65	60
Komatsu Dresser	545	5.5	80	60
Komatsu Dresser	550	5.25	75	60
Terex	80C	5.5	80	60
Volvo	L150C	5.2	70	60
Volvo	L150D	5.2	75	60
Volvo	L150F	5.8	80	60
Volvo	L150G	6.8	90	60
Volvo	L180	5.5	75	60
Volvo	L180C	6	80	60
Volvo	L180D	6.3	85	60
Volvo	L180F	6.3	85	60
Volvo	L180G	7.6	95	60
Volvo	L190	5.2	80	60
Volvo	L190B	5.2	80	60

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

29.5R25 Articulated Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Front Minimum Inflation	Middle Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi	psi
Atlas	FB-645	45	65	70	70
Bell	B40B	40	55	60	55
Bell	B40D 6x6	41	50	65	60
Caterpillar	D30C	30	55	-	75
Caterpillar	D30D	30	55	-	75
Caterpillar	D35C	35	55	-	-
Caterpillar	D40D	40	70	-	-
Caterpillar	D350C	35	45	45	45
Caterpillar	D350D	35	50	45	45
Caterpillar	D400D	40	55	55	55
Caterpillar	D400E	40	60	55	55
Caterpillar	740	40	65	60	60
Caterpillar	740	44	65	65	65
Caterpillar	740 Ejector	42	55	75	70
Caterpillar	740 B	44	70	65	65
Caterpillar	740 B Ejector	42	60	70	70
Deere	400C	40	55	60	60
Deere	400D	40	50	60	60
Deere	400D Series II	40	50	65	60
Doosan	DA 40	44	55	65	65
Komatsu	HD400	40	45	65	65
Komatsu	HM400-2	40	50	65	65
Komatsu	HM400-3	44	55	70	70
Moxy-Doosan	MT41	41	50	60	60
Moxy-Doosan	MT51	51	60	75	75
Terex	TA400	42	45	70	70
Volvo	A40	40	45	65	65
Volvo	A40 6X6	40	45	65	65
Volvo	A40D 6X6	40	50	65	65
Volvo	A40E	43	50	65	65
Volvo	A40E-FS	43	50	65	65
Volvo	A40F	43	50	65	65
Volvo	A25 4X4	25	-	-	70
Volvo	A25B 4X4	25	-	-	70
Volvo	A25C 4X4	25	-	-	70
Volvo	A25E 4X4	27	-	-	80

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

29.5R25 Loader Usage Chart

For Standard Loader Service: < 250 ft, < 5 mph

Manufacturer	Model	Bucket	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.	psi	psi
Caterpillar	980C	6.75	80	65
Caterpillar	980F	7	80	65
Caterpillar	980F-II	7	80	65
Caterpillar	980G	7	85	65
Caterpillar	980H	7.5	90	65
Caterpillar	980K	7.5	85	65
Case	1221E	9.2	55	65
Case	1221E XR	9.2	55	65
Doosan	DL500	6.8	75	65
Furukawa	FL460	6.0	75	65
John Deere	844J	7.25	85	65
John Deere	844K	7.25	85	65
Hyundai	HL780-7A	6.7	75	65
Hyundai	HL780XTD-7A	6.7	80	65
Hyundai	HL780-9	7.1	80	65
Hyundai	HL780XTD-9	7.1	85	65

Manufacturer	Model	Bucket	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.	psi	psi
Kawasaki	95Z	6	70	65
Kawasaki	95ZII	6	70	65
Kawasaki	95ZIII	6.5	80	65
Kawasaki	95ZIV	6.5	75	65
Kawasaki	95ZV-2	7.25	80	65
Komatsu	WA500-1	6	75	65
Komatsu	WA500-3	7.2	80	65
Komatsu Dresser	555	6	80	65
Komatsu Dresser	558	6	75	65
Volvo	L190	5.2	65	55
Volvo	L190B	5.2	65	55
Volvo	L220D	7	75	65
Volvo	L220E	7.1	85	65
Volvo	L220F	7.8	90	65
Volvo	L220G	8.2	90	65

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Radial Scraper Usage Charts

For Standard Scraper Service: < 2.5 mi, < 30 mph

Manufacturer	Model	Payload	Tire Size	Front Pressure	Rear Pressure	
		Tons		psi	psi	
Caterpillar	611	15	26.5R25	70	65	
Caterpillar	611	15	29.5R25	55	50	
Caterpillar	613B	11	23.5R25	50	50	
Caterpillar	613C	11	23.5R25	50	50	
Caterpillar	613C II	11	23.5R25	50	55	
Caterpillar	613G	11	23.5R25	60	55	
Caterpillar	615	16	26.5R25	70	60	
Caterpillar	615	16	29.5R25	55	50	
Caterpillar	615C	16	26.5R25	70	60	
Caterpillar	615C	16	29.5R25	55	50	
Caterpillar	615C II	17	26.5R25	75	70	
Caterpillar	615C II	17	29.5R25	60	55	
Caterpillar	TS180	19	29.5R25	—	60	*
Caterpillar	TS185	19	23.5R25	—	50	*
Caterpillar	TS185	19	26.5R25	—	35	*

Manufacturer	Model	Payload	Tire Size	Front Pressure	Rear Pressure	
Caterpillar	TS225	24	26.5R25	—	45	*
Deere	762	11	23.5R25	55	55	
Deere	762B	11	23.5R25	55	55	
Deere	862	16	26.5R25	65	65	
Deere	862B	16	26.5R25	65	65	
Deere	862B	16	29.5R25	50	50	
Fiatallis	161	15	26.5R25	60	60	
Fiatallis	161	15	29.5R25	45	45	
Kumatsu Dresser	412	11	23.5R25	50	55	
Kumatsu Dresser	412B	11	23.5R25	55	55	
Kress	862-OB18-RD	18	29.5R25	55	55	
Kress	862-OB20-RD	20	29.5R25	60	60	
Terex	TS14B	20	29.5R25	60	60	
Terex	TS14C	20	29.5R25	65	60	
Terex	TS14G	20	29.5R25	70	65	

* Towed scraper

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

18.00R33 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi
Astra	RD 40C	44	115	115
Caterpillar	769B	35	95	90
Caterpillar	769C	40	110	110
Caterpillar	769D	35	110	110
Caterpillar	770	40	120	115
Caterpillar	770F	49	115	115
Caterpillar	770G	50	115	120
Caterpillar	771C Quarry	44	120	120
Caterpillar	771D	45	120	120
Euclid-Hitachi	EH 650	40	95	100
Euclid-Hitachi	EH 700	42	115	115
Euclid-Hitachi	EH 750	43	120	120
Euclid-Hitachi	EH 750-3	46	120	120
Euclid-Hitachi	R35	35	105	105
Euclid-Hitachi	R36	40	95	100
Euclid-Hitachi	R40	42	110	110
Euclid-Hitachi	R40-C	42	115	115
Komatsu	HD325-3	35	85	95
Komatsu	HD325-5	35	85	95
Komatsu	HD325-6 Quarry	44	115	120
Komatsu	HD325-6 4WD	35	100	100
Komatsu	HD325-6	44	105	115
Komatsu	HD325-7	40	110	115
Komatsu	HD405-7	45	120	120
Komatsu Haulpak	140M	40	110	110
Perlini	DP 405 WD	44	115	115
Terex	3340	40	120	115

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

24.00R35 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi
Caterpillar	773	50	75	70
Caterpillar	773B	58	80	80
Caterpillar	773D	50	80	85
Caterpillar	773E	60	90	90
Caterpillar	773F	60	95	90
Caterpillar	773F	57	100	90
Caterpillar	773G	54	80	85
Caterpillar	773G-4T	69	100	90
Caterpillar	775B Quarry	65	95	95
Caterpillar	775D	65	90	105
Caterpillar	775E	70	95	105
Caterpillar	775F	70	100	105
Caterpillar	775F	69	105	105
Caterpillar	775G	70	110	105
Caterpillar	775G-4T	79	110	105
Dart	2085	85	55	70
Euclid-Hitachi	EH 1000	66	90	95
Euclid-Hitachi	EH 1100	72	95	105
Euclid-Hitachi	EH 1100-3	72	100	105
Euclid-Hitachi	R50	58	80	80
Euclid-Hitachi	R60	63	80	90
Euclid-Hitachi	R60-C	66	105	90
Euclid-Hitachi	R65	69	90	95
Euclid-Hitachi	R65-C	71	95	105
Euclid-Hitachi	R75	75	110	105
Komatsu	HD465-3	51	70	75
Komatsu	HD465-5	61	70	80
Komatsu	HD465-5 Quarry	66	95	105
Komatsu	HD465-7	61	85	95
Komatsu	HD605-5	67	90	95
Komatsu	HD605-7	69	100	105
Komatsu-Haulpak	210M	60	85	85
Perlini	DP705 WD	72	100	105
Terex	3308E	55	80	80
Terex	3309	55	85	90
Terex	3310E	66	95	95
Terex	TR60	60	90	85
Terex	TR70	72	110	105

CT - Contact Titan Technical Services

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

27.00R49 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi
Caterpillar	777	85	80	80
Caterpillar	777B	95	90	90
Caterpillar	777C	95	90	90
Caterpillar	777D	100	100	105
Caterpillar	777F	100	105	105
Caterpillar	777G	100	105	105
Euclid-Hitachi	R85B	85	90	90
Euclid-Hitachi	R90	96	90	95
Euclid-Hitachi	R90C	100	95	100
Euclid-Hitachi	R100	100	100	105
Euclid-Hitachi	EH1600	100	100	105
Euclid-Hitachi	EH1700	108	110	110
Euclid-Hitachi	EH1700-3	100	105	105
Komatsu	HD785-1	86	80	80
Komatsu	HD785-3	86	85	90
Komatsu	HD785-3	100	90	100
Komatsu	HD785-5	106	105	110
Komatsu	HD785-7	100	100	110
Komatsu Haulpak	325M	95	95	90
Komatsu Haulpak	330M	100	95	105
Komatsu Mining Systems	HD785-5	106	105	110
Komatsu Mining Systems	330M	100	105	110
Kress	CH160	160	CT	105
Kress	CH180	180	CT	CT
Perlini	DP905	105	100	100
Rimpull	RD100	100	90	100
Rimpull	RD100C	100	95	105
Terex	3311C	85	80	80
Terex	3311D	77	90	80
Terex	3311E	94	100	90
Terex	TR100	100	100	100
Terex	TR100 (HR)	94	100	100
Unit Rig	Dart 3100	100	100	100
Unit Rig	Dart 4160	160	65	95
Unit Rig	M85	85	80	80
Unit Rig	M100	100	95	95
Unit Rig	M120-15	120	110	110
Unit Rig	Mark 24	85	95	80

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Above Loads are applicable to 30R56.5 tire

33.00R51 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi
Belaz	75137NA	150	110	110
Caterpillar	785D	157	115	115
Komastu	HD1500-7	159	110	115

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

37.00R57 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi
CAT	789C	195	105	110
CAT	789D	200	110	110
Euclid-Hitachi	EH3500AC11	185	95	110
Komatsu	730E	203	110	110
Terex	MT 3700	205	110	120

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

40.00R57 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi
Belaz	75302NA	243	110	110
Caterpillar	793D	240	110	115
Caterpillar	793F	NR	NR	NR
Euclid Hitachi	EH4000AC11	250	105	105
Komatsu	830E	244	115	115
Terex	MT 3700	205	90	95
Terex	MT 4400	260	115	115

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

NR - Not Recommended. Contact your Titan rep for a recommendation.

46/90R57 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi
Belaz	75302NA	243	100	105
CAT	793F	250	105	105
Euclid Hitachi	EH4000AC11	244.713	105	105
Komatsu	830E-AC	244	105	110
Terex	MT 3700	205	85	90
Terex	MT 4400	260	110	110

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

53/80R63 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi
Euclid Hitachi	EH5000AC11	320	105	105
Komatsu	930E-4	320	105	105
Komatsu	930E-4SE	320	105	110

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

56/80R63 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi
Cat	795 AC	345	105	105
Komatsu	960E-1	360	105	105
Komatsu	960E-1K	360	105	105
Komatsu	960E-2	360	105	105
Komatsu	960E-2K	360	105	105
Liebherr	T282C	400	110	110
Terex	MT 5500	360	100	100

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

59/80R63 Rigid Truck Usage Chart

For Standard Earthmover Service: < 2.5 mi, < 30 mph
Payloads not to exceed vehicle rating

Manufacturer	Model	Payload	Front Minimum Inflation	Rear Minimum Inflation
		tons	psi	psi
Belaz	7561	400	105	105
CAT	795F AC	345	95	100
CAT	797F	400	110	110
Liebherr	T282C	400	105	105
Terex	MT 5500	360	90	90
Terex	MT 6300	400	105	105

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

Load and Inflation Tables

35/65R33 Loader Usage Charts

For Standard Loader Service: < 250 ft, < 5 mph

Pit Loader Type Operation

Manufacturer	Model	Standard Bucket Size	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.	psi	psi
Caterpillar	988B	8.25	100	65
Caterpillar	988F	7.75	100	60
Caterpillar	988G	8	105	65
Caterpillar	988H	8.33	110	70
Caterpillar	988H (BH)	-	140	90
Caterpillar	988H (BH)	-	130	80
Caterpillar	988H	8.4	110	70
Kawasaki	110Z	7.5	90	60
Kawasaki	110ZII	7.5	90	60
Kawasaki	115ZIII	7.5	90	60
Kawasaki	115ZIV	7.5	95	60
Kawasaki	115ZIV-2	8.25	105	65
Kawasaki	115ZV-2	8.3	100	65
Kawasaki	115ZV-2 HL	6.5	90	60
Komatsu	WA600-1	7.1	85	60
Komatsu	WA600-3	8	95	60
Komatsu	WA600-6	8.4	110	70
Komatsu Dresser	568	7.5	90	60
O&K	7500	7	85	60
Terex	90C	9	100	65
Volvo	L320	8	100	60
Volvo	L330C	9	105	65
Volvo	L330D	9	105	65
Volvo	L330E	9	105	65
Volvo	L350F	10	120	75

Yard Loader Type Operations

Manufacturer	Model	Standard Bucket Size	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.	psi	psi
Caterpillar	988B	8.25	90	60
Caterpillar	988F	7.75	85	60
Caterpillar	988G	8	95	60
Caterpillar	988H	8.33	95	60
Caterpillar	988H	9.2	95	60
Kawasaki	110Z	7.5	80	60
Kawasaki	110ZII	7.5	80	60
Kawasaki	115ZIII	7.5	80	60
Kawasaki	115ZIV	7.5	85	60
Kawasaki	115ZIV-2	8.25	90	60
Kawasaki	115ZV	7.5	85	60
Kawasaki	115ZV-2	8.3	85	60
Kawasaki	115ZV-2 HL	6.5	80	60
Komatsu	WA600-1	7.1	75	60
Komatsu	WA600-3	8	80	60
Komatsu	WA600-6	8.4	95	60
Komatsu Dresser	568	7.5	80	60
O&K	7500	7.0	75	60
Terex	90C	9	85	60
Volvo	L320	8	85	60
Volvo	L330C	9	90	60
Volvo	L330D	9	90	60
Volvo	L330E	9	90	60
Volvo	L330F	10.1	100	60

For Service under chains, or load and carry operations, contact OTR Field Engineering. Pressure recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

For the Block Handler Arrangement (BH) pressure recommendation is subject to change based on actual applications. For the Block Handler Arrangement (BH) theThe load and cold inflation pressure imposed on the rim and wheel must not exceed the rim and wheel manufacturer's recommendation even though the tire may be approved for a higher load or inflation. Rims and wheels may be identified 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 manufacturer to determine rim and wheel capacities for the intended service.

45/65R45 Loader Usage Chart

For Standard Loader Service: < 250 ft, < 5 mph

For L-4, L-5, L-5S and L-5/L-5S

Manufacturer	Model	Standard Bucket Size	Front Minimum Inflation	Rear Minimum Inflation
		Cu. Yd.	psi	psi)
Caterpillar	854K Dozer	33-58	70	60
Caterpillar	992B	10	75	60
Caterpillar	992C	12.5	100	65
Caterpillar	992C HL	12.5	105	70
Caterpillar	992D	14	105	65
Caterpillar	992D HL	14	110	70
Caterpillar	992G	16	120	75
Caterpillar	992G HL	16	120	75
Caterpillar	992K	14	120	75
Caterpillar	992K	14	110	70
Caterpillar	992K HL	14	120	75
Caterpillar	992K HL	14	105	65
Komatsu	WA800-2	13.7	100	65
Komatsu	WA800-3	14.4	105	70
Komatsu	WA900-3	17	115	75
LeTourneau	L1000	17	115	75

For Service under chains, or load and carry operations, contact OTR Field Engineering for Aralon belted options. Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

HL - High Lift, extended booms, etc.

50/65R51 Loader Usage Chart

For Standard Loader Service: < 250 ft, < 5 mph				
Manufacturer	**Model**	**Standard Bucket Size**	**Front Minimum Inflation**	**Rear Minimum Inflation**
		Cu. Yd.	psi	psi
Caterpillar	993K	17	115	75
Caterpillar	993K HL	17	120	80
Caterpillar	993K HL	19	120	85

For Service under chains, or load and carry operations, contact OTR Field Engineering for Aralon belted options. Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed, or inflation practices is not covered by the Titan Tire Warranty Policy.

HL - High Lift, extended booms, etc.

Load and Inflation Tables

Off the Road Tire Loads - Use on Industrial Vehicles

	Ply Rating	Inflation Pressure psi (kPa)	Load in pounds (kg) at various Speeds mph (km/h)						
			Stationary	Creep	2.5 mph (4 km/h)	5 mph (10 km/h)	10 mph (15 km/h)	12.5 mph (20 km/h)	15 mph (25 km/h)
14.00-24/25	24	123 (850)	33500 (15200)	27300 (12400)	24000 (10900)	20900 (9500)	19400 (8800)	18500 (8400)	17900 (8100)
	28	134 (925)	35300 (16000)	28700 (13000)	25400 (11500)	22000 (10000)	20500 (9300)	19400 (8800)	18700 (8500)
16.00-25	32	127 (875)	44100 (20000)	35900 (16300)	31700 (14400)	27600 (12500)	25600 (11600)	24300 (11000)	23400 (10600)
18.00-25	40	138 (950)	60000 (27200)	48700 (22100)	43200 (19600)	37500 (17000)	34800 (15800)	33100 (15000)	32000 (14500)
18.00-33	40	138 (950)	70500 (32000)	57300 (26000)	50700 (23000)	44000 (20000)	41000 (18600)	38800 (17600)	37500 (17000)
21.00-25	40	120 (825)	72800 (33000)	59100 (26800)	52200 (23700)	45400 (20600)	42300 (19200)	39900 (18100)	38600 (17500)
21.00-35	42	123 (850)	85800 (38900)	69700 (31600)	61500 (27900)	53600 (24300)	49800 (22600)	47200 (21400)	45600 (20700)

Industrial Vehicle for use on Smooth Floors and Runways Only

	Ply Rating	Inflation Pressure psi (kPa)	Load in pounds (kg) at various Speeds mph (km/h)						
			Stationary	Creep	2.5 mph (4 km/h)	5 mph (10 km/h)	10 mph (15 km/h)	12.5 mph (20 km/h)	15 mph (25 km/h)
14.00-24/25	24	145 (1000)	37700 (17100)	36800 (16700)	32600 (14800)	27600 (12500)	26500 (12000)	25800 (11700)	25600 (11600)
	28	145 (1000)	37700 (17100)	36800 (16700)	32600 (14800)	27600 (12500)	26500 (12000)	25800 (11700)	25600 (11600)
16.00-25	32	145 (1000)	49600 (22500)	48300 (21900)	42800 (19400)	36200 (16400)	34800 (15800)	34000 (15400)	33500 (15200)
18.00-25	40	145 (1000)	67500 (30600)	63500 (28800)	56400 (25600)	47600 (21600)	45900 (20800)	44800 (20300)	44100 (20000)
18.00-33	40	145 (1000)	79400 (36000)	73400 (33300)	65300 (29600)	55100 (25000)	53100 (24100)	51800 (23500)	50900 (23100)
21.00-25	40	144 (990)	81800 (37100)	81800 (37100)	72800 (33000)	61300 (27800)	59100 (26800)	57800 (26200)	56900 (25800)
21.00-35	42	145 (1000)	96300 (43700)	96300 (43700)	85800 (38900)	72300 (32800)	69700 (31600)	68100 (30900)	67000 (30400)

IMPORTANT: Loads shown in the above tables. The rim manufacturer must be consulted to determine the suitability of the rim/wheel for the intended service. .
Industrial vehicles consist of vehicles such as counterbalanced lift trucks, container handlers, straddle carriers, aircraft tow tractors, pavers, mobile crushers, log stackers and rough terrain fork lifts.

Creep is defined as movement at very slow speed, not over 200' (60 m) in 30 minutes. During creep motion loads on tires are very high. Consideration must be given to the type of surface over which the equipment is travelling.

Smooth floors and runways are defined as paved or protected surfaces which are free of undulations, obstructions or discontinuities.

Loads shown above are for the tires only. The rim manufacturer must be consulted to determine the suitability of the rim/wheel for the intended service.

Load and Inflation Tables

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
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)	----	----	----					
	20	6,550	8,300	9,850	11,100	12,300	13,800	14,800	15,600	16,600	----	----	----					
	10	7,700	9,750	11,600	13,100	14,500	16,200	17,400	18,400	19,600	----	----	----					
	5	9,250	11,700	13,900	15,600	17,400	19,400	20,900	21,960	22,000	----	----	----					
	Creep	11,700	14,800	17,600	19,800	22,000	24,600	26,400	27,800	29,600	----	----	----					
	Stationary	15,500	19,600	23,300	26,200	29,200	32,600	35,000	36,800	39,200	----	----	----					
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	----	----	----	----	----					
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	30	6,800	8,550	10,200	11,700	12,800 (12)	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.

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.
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

Load and Inflation Tables

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.
2. The number in parentheses is tire's load index.

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	11400 (20) 5150 (20)			
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*
18.4-26	lbs. *kg*	6900 *3120*	**7950 (10)** ***3600 (10)***	**8950 (12)** ***4060 (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)***	**16000 (20)** ***10000 (20)***	
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.

Load and Inflation Tables

Material Handling Loads

Size	Service Condition Application Speed			Counterbalanced Lift Truck		Industrial Vehicle Loads			
				Front/Drive	Rear/Steer	Smooth Floor Only		Other Than Smooth Floor	
	Ply Rating	Catalog Number	PSI (bar)	up to 10 mph (15 km/h) lbs. (kg)	up to 15 mph (25 km/h) lbs. (kg)	5 mph (10 km/h) lbs. (kg)	10 mph (15 km/h) lbs. (kg)	5 mph (10 km/h) lbs. (kg)	10 mph (15 km/h) lbs. (kg)
Titan T40									
32x12-15 NHS	20	44P226	145	13,400	10,200	10,200	8,050	9,150	7,250
35x15-15 NHS	24	44P376	150	17,950	13,655	13,655	10,790	12,305	9,695
35x15-15 NHS	28	44P377	150	17,950	13,655	13,655	10,790	12,305	9,695
Titan T44									
44x18-20 NHS	32	44T3K1	150	27,300	20,700	20,700	16,400	18,700	14,700
42x21-22 NHS	32	44T3J5	145	33,300	25,300	25,300	20,000	22,800	18,000
Titan PWT									
7.00-12 NHS	12	44P212	125	5,995	4,555	4,555	3,595	4,100	3,235
7.50-16 NHS	12	44P2K8	115	8,015	6,090	6,090	4,810	5,485	4,330
8.25-15 NHS	12	44P231	105	8,680	6,595	6,595	5,210	5,935	4,685
8.25-15 NHS	14	44P2D5	120	9,385	7,135	7,135	5,630	6,420	5,070
250-15 NHS	16	4492H1	135	9,450	7,200	7,200	5,680	6,450	5,100
250-15 NHS	18	44P2H2	150	10,100	7,650	7,650	6,050	6,900	5,440
28x12-15 NHS	20	44P262	150	10,800	8,200	8,200	6,500	7,400	5,820
28x9-15 NHS	12	44P2B5	120	6,880	5,230	5,230	4,125	4,705	3,715
28x9-15 NHS	14	44P2D3	140	7,530	5,720	5,720	4,515	5,150	4,065
29x8-15 NHS	12	44P216	125	6,870	5,220	5,220	4,120	4,700	3,710
32x12-15 NHS	20	44P226	145	13,400	10,200	10,200	8,050	9,150	7,250
32x15-15 NHS	24	44P3G7	150	15,900	12,100	12,100	9,550	10,900	8,600
36x11-15 NHS	16	44P2F9	115	12,290	9,340	9,340	7,375	8,405	6,635
36x11-15 NHS	24	44P6F9	145	14,100	10,700	10,700	8,450	9,650	7,600
Titan Industrial Deep Tread (IDT)									
5.70/5.00-8 NHS	10	4542A1	150	2,790	2,120	2,120	1,675	1,905	1,505
6.90/6.00-9 NHS	10	454204	125	3,715	2,820	2,820	2,230	2,540	2,000
6.50-10 NHS	10	454263	115	4,225	3,210	3,210	2,535	2,890	2,280
7.50-10 NHS	12	454287	120	5,655	4,300	4,300	3,395	3,870	3,055
7.00-12 NHS	12	454212	125	5,995	4,555	4,555	3,595	4,100	3,235
7.00-12 NHS	14	4542D7	145	6,535	4,970	4,970	3,920	4,470	3,530
7.50-15 NHS	12	454269	115	7,690	5,845	5,845	4,615	5,260	4,150
8.25-15 NS	12	454231	105	8,680	6,595	6,595	5,210	5,935	4,685
8.25-15 NHS	14	4542D5	120	9,385	7,135	7,135	5,630	6,420	5,070
29x8-15 NHS	12	454216	125	6,870	5,220	5,220	4,120	4,700	3,710
30x8-15 NHS	12	454251	125	6,940	5,275	5,275	4,165	4,745	3,745
Titan Industrial Service									
5.70-8 NHS	6	40B206	90	2,070	1,570	1,530	1210	1,415	1,115
5.70-8 NHS	8	40B208	120	2,445	1830	1,830	1445	1,675	1,320

Size	Service Condition Application Speed			Counterbalanced Lift Truck		Industrial Vehicle Loads					
				Front/Drive	Rear/Steer	Smooth Floor Only			Other Than Smooth Floor		
	Ply Rating	Catalog Number	PSI (bar)	up to 10 mph (15 km/h) lbs (kg)	up to 15 mph (25 km/h) lbs (kg)	PSI (bar)	5 mph (10 km/h) lbs (kg)	10 mph (15 km/h) lbs (kg)	PSI (bar)	5 mph (10 km/h) lbs (kg)	10 mph (15 km/h) lbs (kg)
Titan PWT											
9.00-20 NHS	12	44P218	95	11,800	8,950	104	10,600	10,200	87	7,850	6,800
9.00-20 NHS	14	44P2E8	110	12,800	9,750	122	11,540	11,120	102	8,550	7,450
10.00-20 NHS	16	44P2E9	115	14,910	11,330	131	13,750	13,250	109	10,200	8,850
11.00-20 NHS	16	44P2E2	110	15,845	12,040	126	14,450	13,900	105	10,700	9,300
12.00-20 NHS	18	44P2E3	115	18,600	14,100	131	17,300	16,650	109	12,800	11,150
12.00-20 NHS	20	44P2A7	130	19,900	15,100	144	18,350	17,700	120	13,600	11,850
Titan TT472											
10.00-20 NHS	18	472224	130	16,000	12,200	148	14,850	14,300	123	11,000	9,570
12.00-20 NHS	20	4722A7	130	19,900	15,100	144	18,350	17,700	120	13,600	11,850

IMPORTANT: Loads shown in the above tables. The rim manufacturer must be consulted to determine the suitability of the rim/wheel for the intended service.
Industrial vehicles consist of vehicles such as counterbalanced lift trucks, container handlers, straddle carriers, aircraft tow tractors, pavers, mobile crushers, log stackers and rough terrain fork lifts.
Creep is defined as movement at very slow speed, not over 200' (60 m) in 30 minutes. During creep motion loads on tires are very high. Consideration must be given to the type of surface over which the equipment is travelling.
Smooth floors and runways are defined as paved or protected surfaces which are free of undulations, obstructions or discontinuities.

⚠ 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:20 and multiple-piece rims have a loose flange or flanges and lock ring as depicted on pages S:20 and S:21.

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.

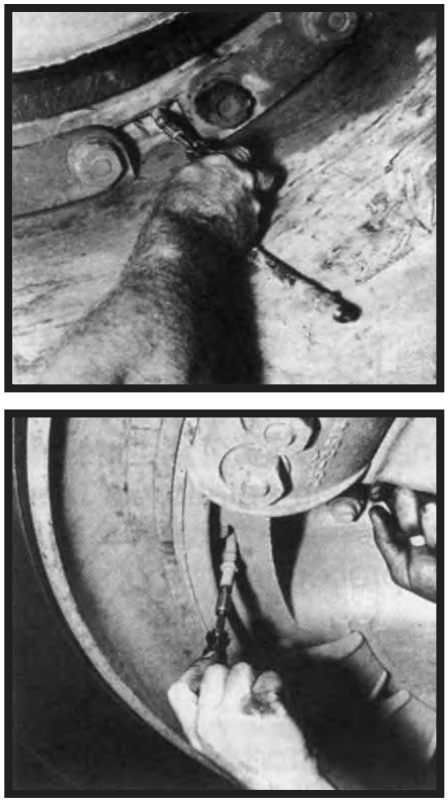
SAFETY FIRST!

IMPORTANT!

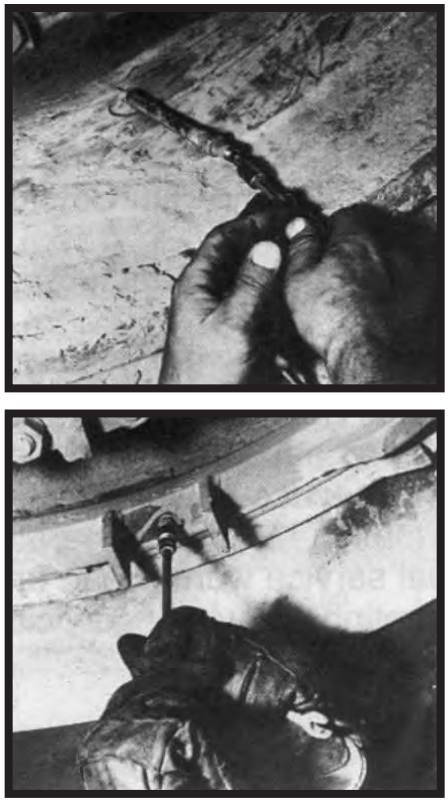
THIS IS THE FIRST STEP IN ALL DEMOUNTING OPERATIONS

⚠ **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.

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.

GENERAL WARNINGS

⚠ 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.

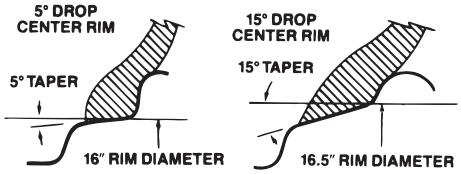
⚠ WARNING

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 following diagram 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.

GENERAL WARNINGS

⚠ 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.

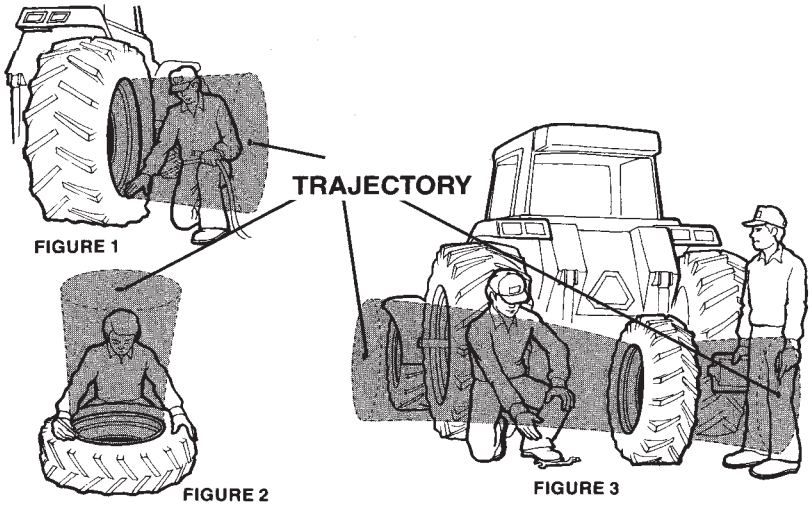


FIGURE 1

FIGURE 2

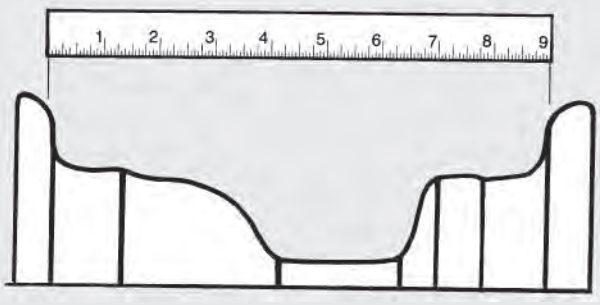
FIGURE 3

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

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.



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, vegetable-based 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.

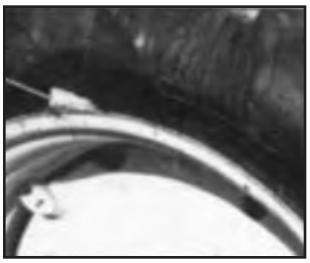
Tools required: Jack, cribbing, blocking or other items as needed to jack and block the vehicle/equipment per the manufacturers instructions, hydraulic demounting tool, hooked tire iron, pry bar and lifting device or boom truck.
1. Remove the fluid fill from the tire. Deflate the tire by removing the 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:5).

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 a vegetable-based lubricant.

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

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.

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, vegetable-based 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.

⚠ 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: vegetable-based 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 a vegetable-based lubricant.

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

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.

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

Tools Required: vegetable-based 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.

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 vegetable-based lubricant.

⚠ Keep fingers clear of pinch points.

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:5).

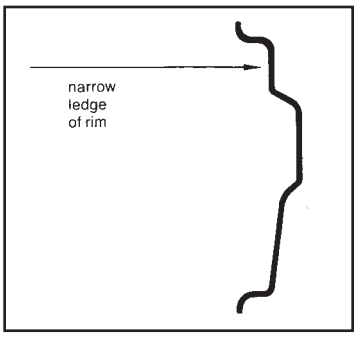
⚠ Never inflate beyond manufacturer’s recommended tire pressure.

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, vegetable-based 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:5 & S:17).

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 a vegetable-based lubricant.

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

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.

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

Tools Required: Cap and core removal tools, bead unseating tool, vegetable-based 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.

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, vegetable-based 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.

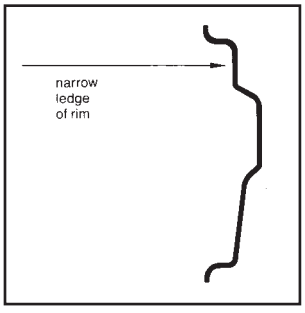
⚠ Rims of different diameters and tapers CANNOT be interchanged.

⚠ 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.



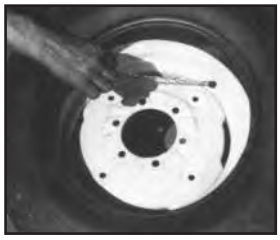
2. Lay the rim on the floor with the narrow ledge on the top. Thoroughly lubricate the tire bead area and rim flange with a vegetable-based lubricant.

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

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.

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

Tools required: Two 18” tire irons, wire brush, locking pliers, vegetable-based 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.

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 petroleum-based lubricant. Only use vegetable-based lubricant.

⚠ 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:5 & S:17).

⚠ 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:20 and multiple-piece rims have a loose flange or flanges and lock ring as depicted on pages S:20 and S:21.

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.

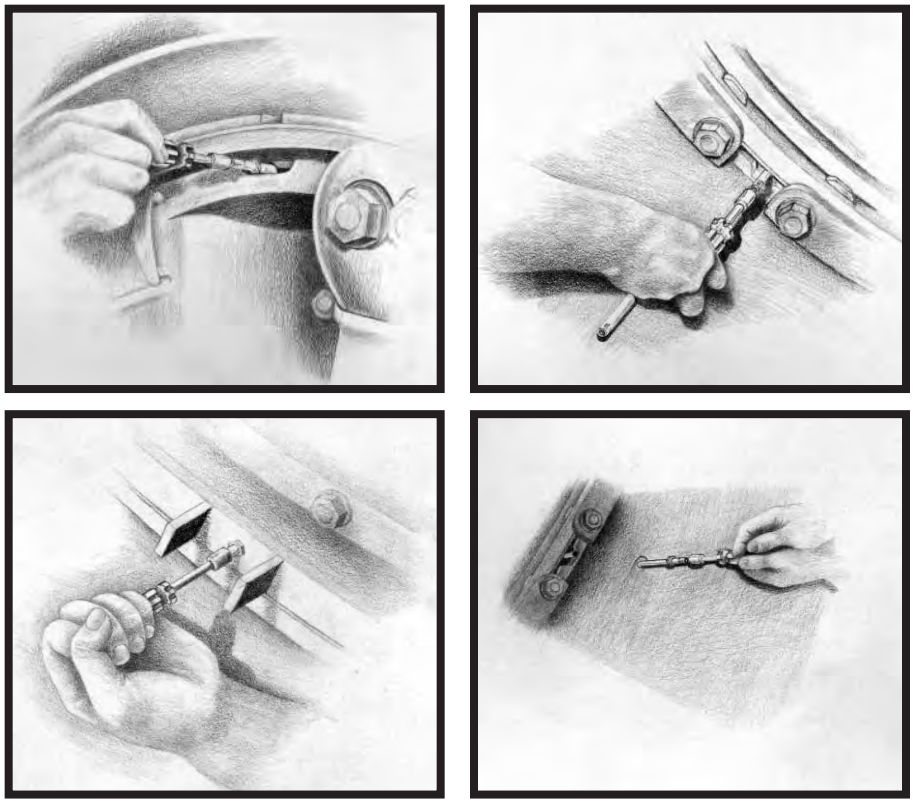
SAFETY FIRST!

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.



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 pages S:23 and S:24 for part number location.
- Always place wheel and tire assemblies in restraining devices when inflating tires. See page S:19, item 11.

⚠ 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.

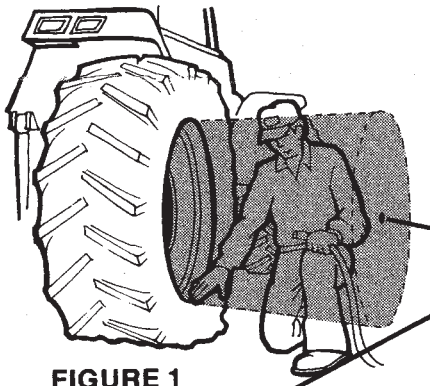


FIGURE 1

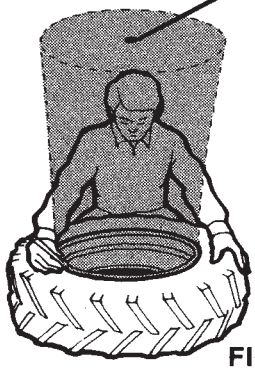


FIGURE 2

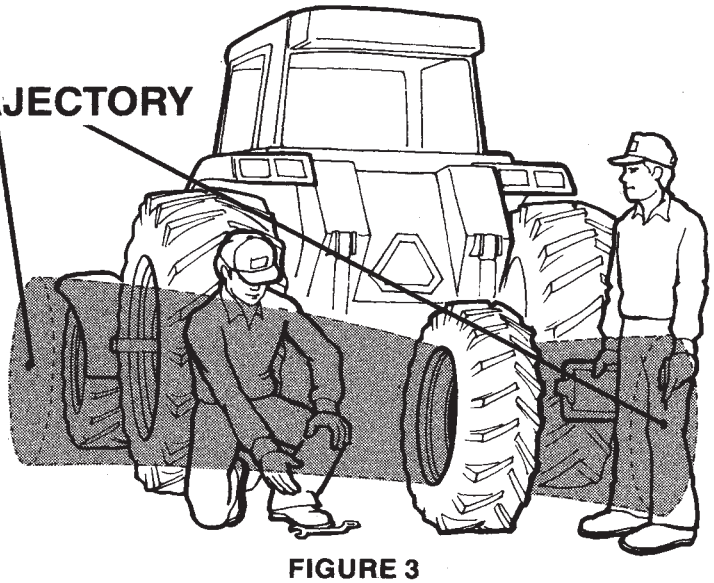


FIGURE 3

⚠ 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.

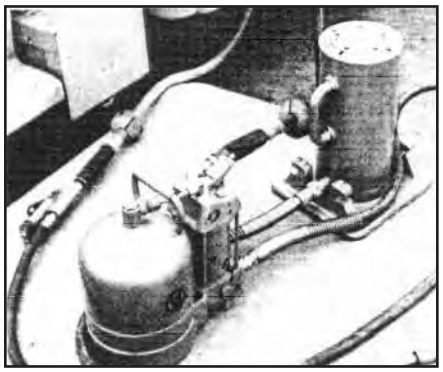
⚠ Note: Under some circumstances, the trajectory may deviate from its expected path. Always use a safety cage or other restraining device in compliance with OSHA regulations.

Tools and Equipment Required

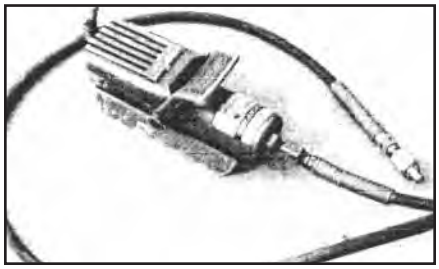
The following tools and equipment are required to service the various types of multi-piece rims included in this section of the catalog.

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)

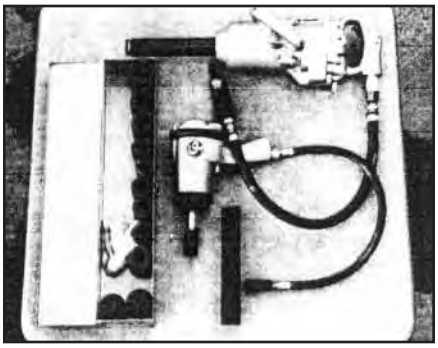
Plus the following:



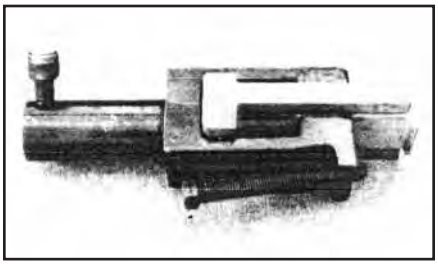
1. Air-Hydraulic Pump and 50-ton jack. Air supplied to the pump develops hydraulic pressure to lift the jack. This equipment is essential in servicing extra-heavy construction equipment.



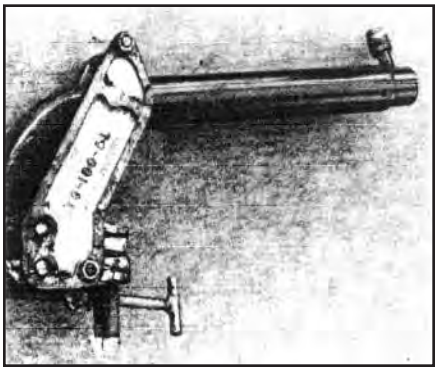
2. Air-Hydraulic Pump, activates hydraulic tools such as the bead breakers and hydraulic rams.



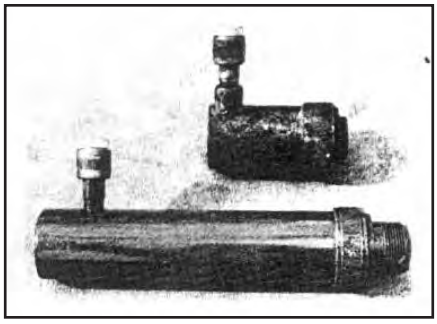
3. Air wrenches and their sockets are used to tighten and loosen nuts on wheels assemblies.



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

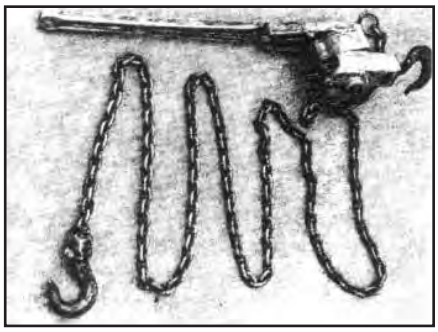


5. Bead Breaker, used for loosening tire from bead seats when the rim has no prying slots.

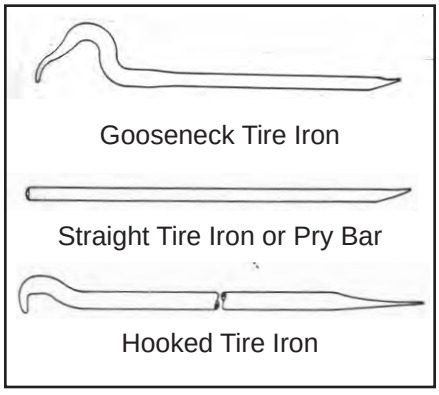


6. Top: 4” ram Hydraulic Demounting tool. Bottom: 6”-8” ram Hydraulic Demounting tool.

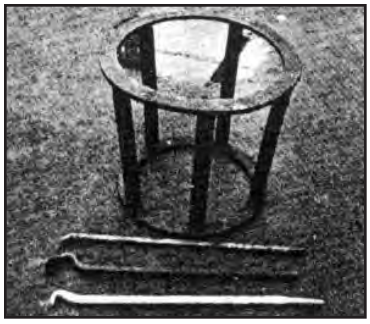
Rams apply pressure to the inside bead flange when removing tires from 15˚ tapered rims.



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

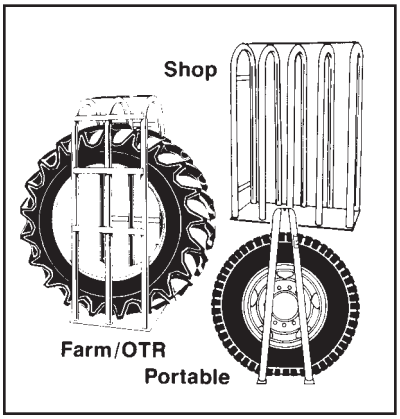


8. These tire irons are used to pry apart wheel components.



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.

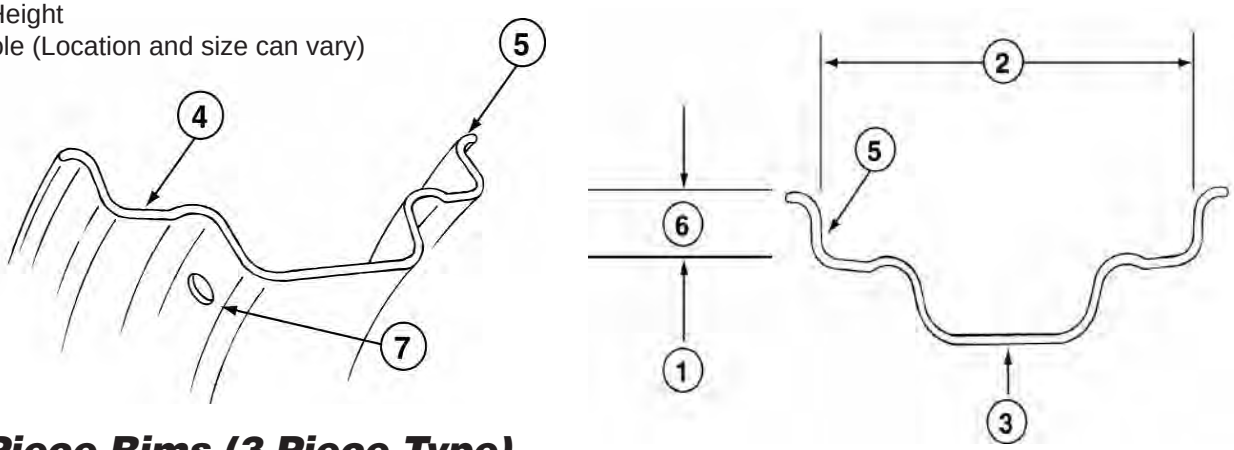


11. A cage of restraining device in which to place the wheel/tire assembly while inflating.

Identification/Terminology

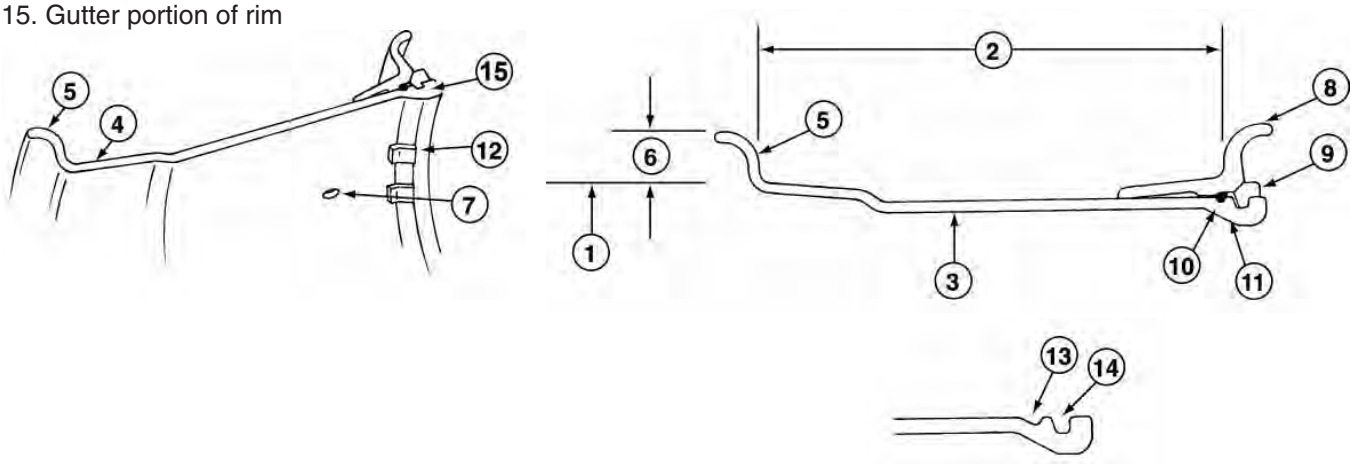
Single-Piece Rims

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

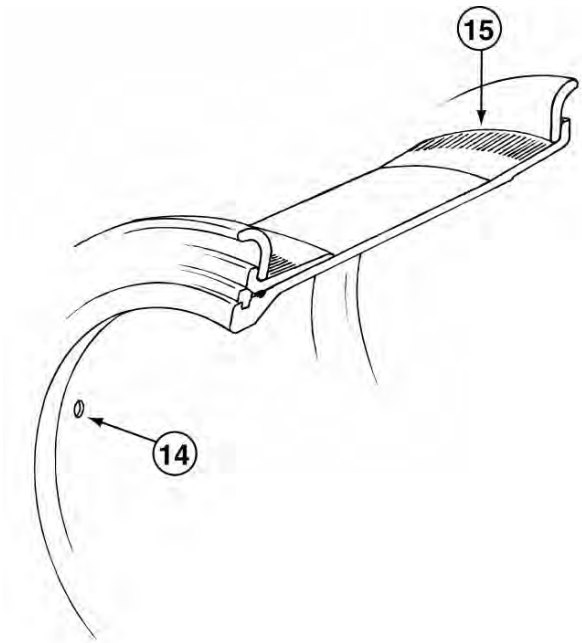


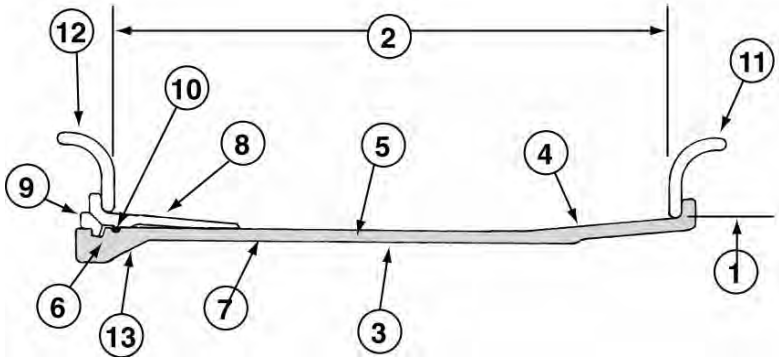
Identification/Terminology

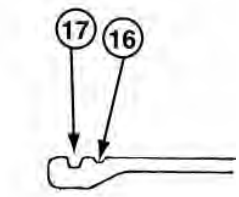
Multi-Piece Rims (5-Piece Type)

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)

Not Shown: Pry Bar Pocket (continuous gap entire circumference on some items)





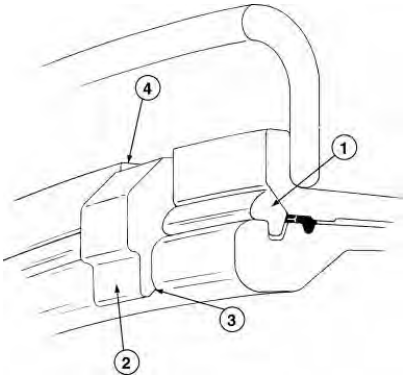


Identification/Terminology

Multi-Piece Rims (5-Piece Type)

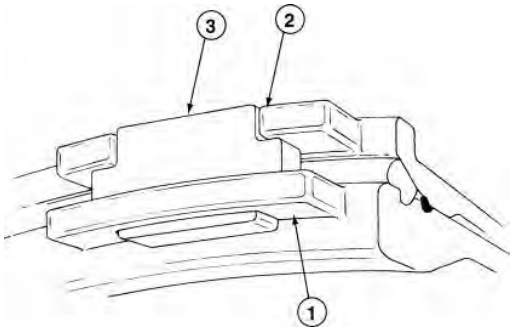
Crimped on Style Driver

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



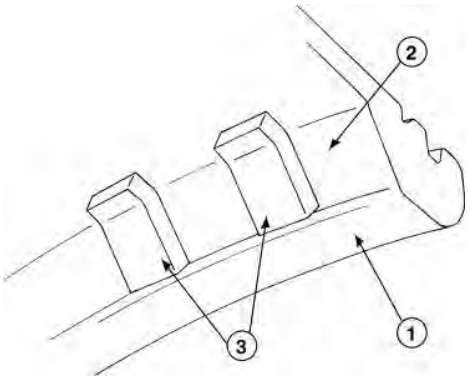
Loose Style Driver

1. Driver Pocket (Welded on gutter portion of rim base)
2. Driver Pocket (Welded on bead seat band)
3. Driver Key*
   *Note: See page S:24 for Driver Key Styles.

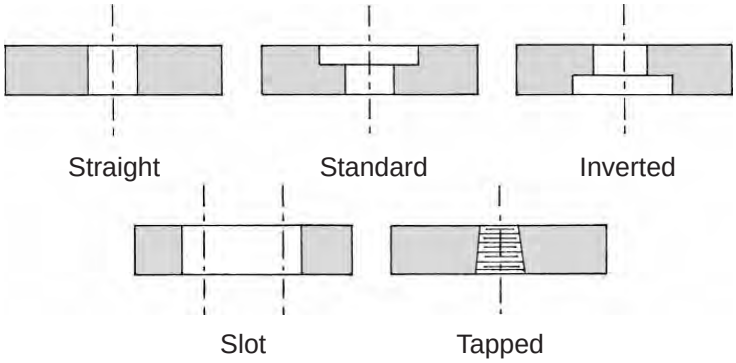


Demountable Type Rims

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



Valve Hole Styles



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.

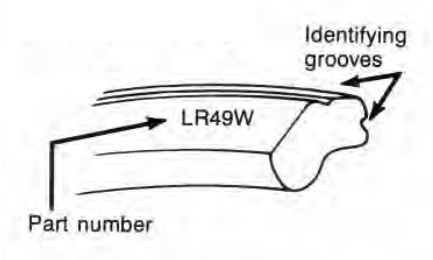
⚠ Rim and Wheel Components are not always interchangeable check part numbers carefully before assembling.

⚠ 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.

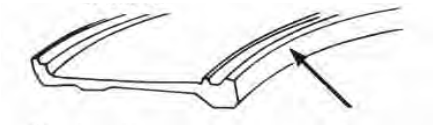
A circumferential groove gives the ring a unique appearance. This lock ring can only be used with the new "W" style gutters.



"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.

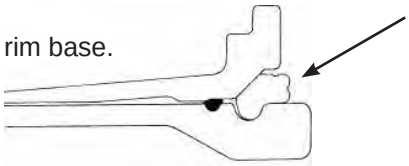
The R and H Bead Seats are interchangeable.

OLD	NEW
BB49HTG	BB49RTG
BB39HTL	BB28RTL

⚠ *DO NOT MISMATCH LOCK RINGS AND RIM BASES*

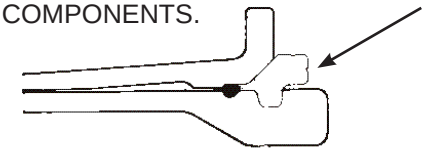
Correct Assembly:

"W" style lock ring with grooves assembled with "W" style rim base.



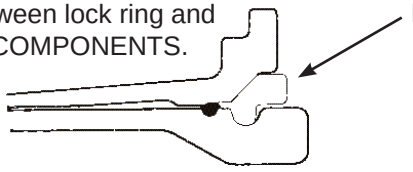
Incorrect Assembly:

"W" lock ring with old rim base. Note poor fit and gap between lock ring and gutter. DO NOT USE. REASSEMBLE USING PROPER COMPONENTS.



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.

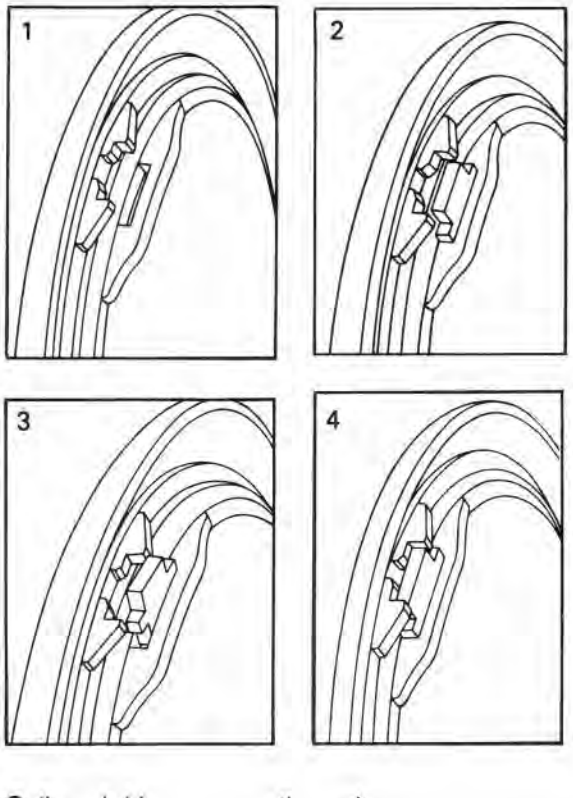


Outboard Driver Keys

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



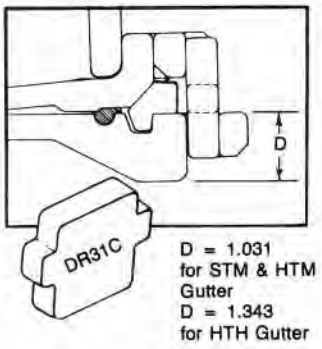
1. Align driver pockets in bead seat band and base as shown.

2. Inset driving key into driver pocket on base.

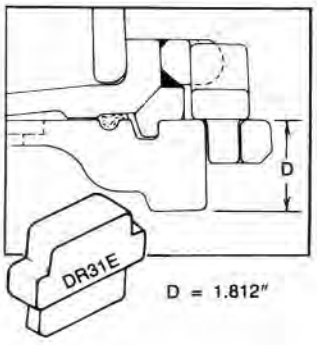
3. Make certain that all parts are properly aligned, as shown, before inflation.

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:5 & S:17).

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 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.

⚠ 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.

Mounting Tires on Titan Assemblies

3-Piece Rim Assemblies

⚠ 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.

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.)

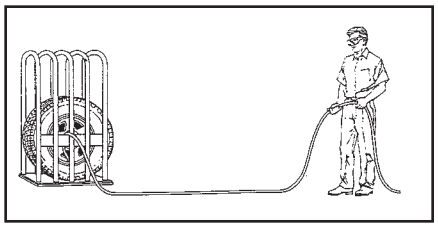
⚠ Keep fingers clear of pinch points.

⚠ Never use petroleum-based lubricant; use vegetable-based lubricant only.

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:23.

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:23.



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:5 and S:17.

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.

Demounting Tires on Titan Assemblies

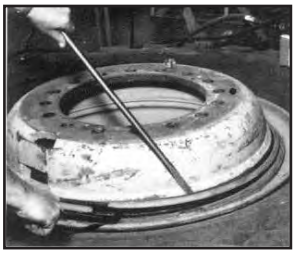
5-Piece Rim Assemblies

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:24.

1. Place the assembly gutter side up on blocks.



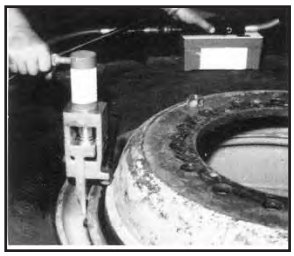
2. Remove the lock ring, using two tire irons (NOTE: If this is not possible, the tire bead may be unseated as shown in step 4 with the lock ring and "O" ring in place. However, these items must be removed before removal of bead seat bands and flanges in step 7).

⚠ 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.

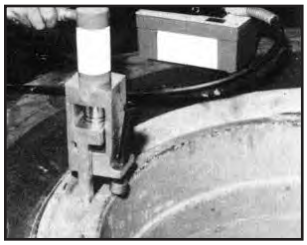
Do not use tool in the vicinity of the butt weld area of the bead seat band, the flanges, or rim base.

6. Remove bead seat band using hoist or pry bars.

⚠ Keep fingers clear of pinch points.

7. Remove outer flange (ref. p. S:21) 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:21)

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:21) 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:21) 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:24. 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.

Mounting Tires on Titan Assemblies

5-Piece Rim Assemblies

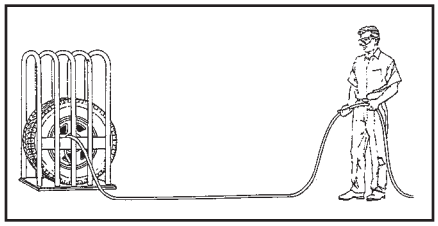
⚠ The task of servicing tires and wheels can be extremely dangerous and should be performed by trained personnel only, using the correct tools and following specific procedures. If you have any doubt about the correct, safe method of performing any step in the demounting, mounting, or inflating process STOP! Seek assistance from a qualified person.

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:24.

⚠ 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:5 & S:17).

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.

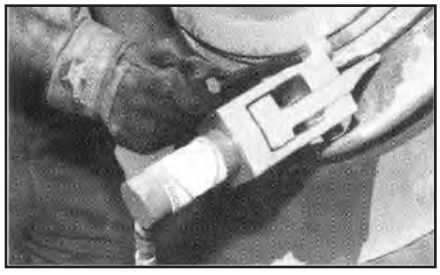
⚠ The task of servicing tires and wheels can be extremely dangerous and should be performed by trained personnel only, using the correct tools and following specific procedures. If you have any doubt about the correct, safe method of performing any step in the demounting, mounting or inflating process 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:24.

5. Remove the lock ring with a pry bar, starting near the split and working around the ring.

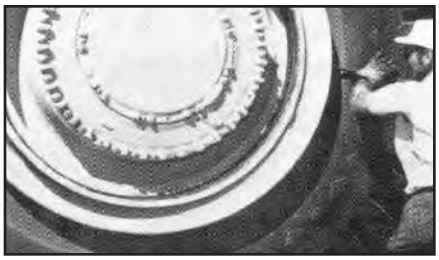
⚠ Never release grip on pry bars or tire irons when working on wheel-tire assemblies, as they may spring back.

⚠ 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.

On-Vehicle Demounting of Tires
from Titan 5-Piece Rim Assemblies

⚠ 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.



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.

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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.

⚠ 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.

On-Vehicle Mounting of Tires
on Titan 5-Piece Rim Assemblies

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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:22.) Insert driver key as required, see page S:23.

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:5 & S:17) 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:5 & S:17 illustration).

⚠ If assembly is incorrect, STOP-DEFLATE-CORRECT THE ASSEMBLY-AND REPEAT PROCEDURE.

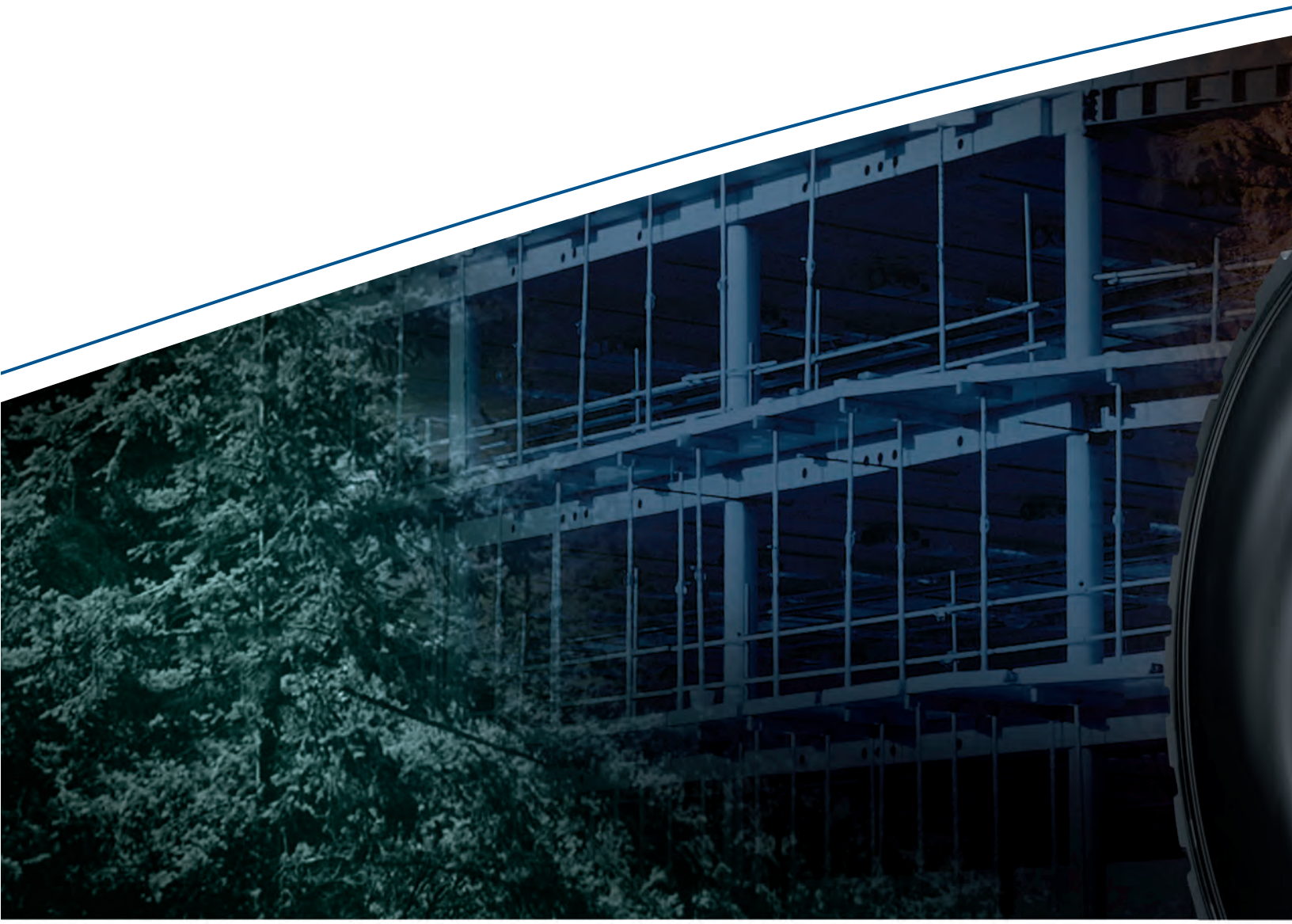
⚠ Never attempt to inflate an assembly if components are not properly aligned. Never attempt to seat rings or other components or correct components alignment by hammering, welding, heating or brazing while tire is inflated, partially inflated or deflated.

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.

NO TIRE WORKS WITHOUT THE WHEEL — THEY ARE A TOTAL SYSTEM

Titan is the only company with the ability to design, test and produce both wheels and tires for mining, agriculture, construction and forestry markets.



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