

LOW SIDEWALL

(LSW) TECHNOLOGY

GOODYEAR OPTITRAC®, SUPER TRACTION, AND SUPER TERRA GRIP XT



MADE BY TITAN



TITAN MOVES THE WORLD™

EXPERIENCE THE GOODYEAR® ADVANTAGE

WITH THE STABILITY OF OUR LOW SIDEWALL (LSW) TECHNOLOGY

Today's tractors and combines are faster and heavier than ever before, but to take full advantage of their capabilities, you need the right wheel and tire assembly. A conventional wheel/tire assembly with a 70 percent aspect ratio has a tendency to bounce during road transport and hop in the field when put in high-draw-bar applications. With LSW, those issues are eliminated.

WHAT IS LSW?

LSW tires feature a lower aspect ratio and smaller sidewall than a comparable conventional tire. With the LSW design, the wheel diameter is increased without increasing the outside diameter of the tire, providing more stability in the field and on the road.



REDUCED ROAD LOPE

The larger the sidewall, the more potential there is for recoil and bouncing. The smaller sidewall of the LSW design dampens the swaying motion that results in road lope when traveling at high speeds, keeping the operator productive and comfortable between fields.

REDUCED POWER HOP

A smaller sidewall also helps eliminate the power hop experienced when the tire bites into the ground, and the tractor bounces forward in high-drawbar applications. Reducing power hop keeps the operator comfortable and productive in the field.

HEAR IT STRAIGHT FROM THE SOURCE ▼



"In the past, our combines bounced and hopped all over the place. That's just the way it was. With the lower sidewall on this tire, we're getting better speed and we're not getting the bounce."

Clayton Befort, custom harvester from Hays, Kansas. Running Goodyear OPTITRAC IF900/50R46CFO on his Case Axial Flow



"With the old tires, we dealt with turning problems and a rough ride. This setup is a much better ride with the air pressure. It's made a big difference in the way the tractor operates."

Gerald Foster, tractor operator for Sackett Ranch in Stanton, Michigan. Running Goodyear Super Terra Grip XT (front) and Goodyear DT930 (rear) on Case Magnum 340

Goodyear Farm Tires offers LSW options in several of the most popular product lines and sizes for combines and tractors. Combining LSW with IF technology and Extreme Flotation™ widths provides the best of both worlds for flotation and stability.



GOODYEAR OPTITRAC AND SUPER TRACTION RADIAL (STR)

- **Aggressive tread design** features a 25 percent deeper lug than standard R-1s and a 45-degree lug angle for superior self cleaning, longer and more even tread wear, and improved traction in wet soils.
- **IF technology** combined with LSW allows growers to run at 20 percent lower inflation pressures for excellent flotation, while maintaining lateral stability on hillside conditions and smooth ride on the road.

GOODYEAR DT930

- **Extreme Flotation** width provides excellent alternative to rear duals on MFWD tractors, providing larger contact area and reduced air pressures for minimized compaction during spring work, planting and harvesting.



GOODYEAR SUPER TERRA GRIP XT

- **Extreme Flotation** width provides excellent alternative to standard 420/85R34 on the front of MFWD tractors, providing nearly double the contact area and reducing the air pressures for minimized compaction during spring work, planting and harvesting.
- **Three-pitch tread design** bites into the ground for superior traction in all field conditions.

OPTITRAC IF LSW

Size	Titan Part Number	Design	TL/TT	Load Rating	Inflation Pressure (psi)	Max Load (mph)	Max Load (lb)	Design Rim Width (in)	Tire Width (in)	Overall Diameter (in)	Static Loaded Radius (in)	Rolling Circ. (in)	Flat Plate Area (in ²)	Weight (lb)	Tread Depth 32nd (in)
IF710/60R30CFO*	FTD698	STR	TL	168A8/B	35	30	12,300	25	28.1E	63.5E	28E	190E	350E	560	78
IF710/60R46	F24892	Optitrac	TL	178A8/B	41	30	16,500	25	28.2E	80.4E	36E	241E	490E	850	78
IF800/55R46	GT37M8	Optitrac	TL	182D	41	40	18,700	28	30.5	81.5	36.7	239	688	902	77
IF900/50R46CFO*	FT37W8	Optitrac	TL	185A8/B	41	30	20,400	30	32.5	81.9	36.3	243	879	1047	71

DT930

1100/45R46	G8M716	DT930	TL	177A8/B	23	30	16,100	38	43.3	85	38.9	251	780	1274	77
1100/45R46	G8M916	DT930	TL	189A8/B	46	30	22,700	38	43.3	85	38.9	251	780	1320	77

SUPER TERRA GRIP XT

1000/40R32	GRG5F3	STGXT	TL	172A8/B	41	30	13,900	36	39.4	66.3	30.8	198	578	949	79
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* CFO (Cyclic Field Operation) handles 55% higher loads when traveling less than 10 mph.

Example: 30 MPH carries 20,400 lbs at 41 psi and at 10 MPH carries 31,620 at 41 psi.



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 agriculture, construction, forestry and mining markets.



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