



TRELLEBORG

Trelleborg



TM150 Boost your crop yield



The need for higher productivity in the global agricultural industry drives the professional and extensive use of modern sprayers. New generations of fertilizers and self-propelled high-powered sprayers require a significant upgrade in tire technology to cope with new, high demand applications, through high load, stability and reduced fuel consumption.



**EXTENDED
TIRE LIFE**



**SUPERIOR
FLOTATION**



**LATERAL
STABILITY**



**SUPERIOR
COMFORT**

Advanced tread design

The TM150 tire tread design empowers you to work in very difficult conditions, ensuring excellent lateral stability and great road comfort and handling, even at high speeds (D rated 65 km/h). The product line can be fitted on several different rim dimensions, saving you both time and money.

1 Sharp lug head to increase grip

2 Overlapping lugs to prevent stubble damages

3 Interlug terraces to boost self-cleaning capacity

4 Large and round shoulder-base to increase stability of the vehicle when its booms are extended

5 Wide lugs to guarantee stiffness when the machine is operating under high load



Unrivalled wear performance

High wear resistance in agricultural applications is crucial to extending tire life and in ensuring the smooth operation over time, even on difficult terrain. Longer-lasting tires increase productivity, reduce maintenance costs, and reduce downtime. By prioritizing wear resistance, Trelleborg tires commitment to extended tire life translates to a significant reduction in tire waste, minimizing environmental impact.

Wear rate - Index *Higher is better*



Maximum load capacity

The TM150 tire incorporates VF - Very High Flexion technology, resulting in a high load capacity that is critical for optimal sprayer performance.

The graphic below shows the higher capability of the TM150 compared to standard tires:

Load capacity *Higher is better*

6.500



TM150 VF @ 4.4 bar

4.750



Standard Tire @ 4.4 bar

3.875



Standard Tire @ 3.2 bar

+37%

vs. Standard Tire @ 4.4 bar

+68%

vs. Standard Tire @ 3.2 bar

Reference size: VF 380/90R46
@speed 40 to 65 km/h

The TM150 tires feature CFO (Cyclical Field Operation) technology. When utilized on sprayers equipped with these tires, CFO allows for an increased load capacity during cyclic operations at speeds of up to 30 km/h. The distinctive internal structure of the TM150 permits operation at reduced pressures, which enlarges the footprint on the ground, minimizes soil compaction, and enhances traction. For smaller sprayers, the TM150 tires are already advantageous at a pressure of 0.8 bar, offering benefits even at lower pressures.



Wide footprint

The TM150 tire is the right choice to minimise ruts and decrease soil compaction. The VF 380/90R46 is able to carry up to 40% more load, or it can be deflated by up to 40% whilst carrying the same load. The advanced tread design ensures a 5% - 8% wider footprint than other standard tires, a great benefit for increasing crop yields.

Soil compaction performance



As you go deeper into the soil, the standard tire causes compaction that worsens rapidly. At 20cm depth, the TM150 maintains “low” compaction, while the standard tire is already experiencing “medium” compaction.

TM150

Size	Tread Pattern	SW mm	OD mm	SLR mm	RC mm	SRI	Rim	Permitted Rims	Type
VF 380/90R46 CFO (173D)	TM150	390	1840	840	5550	900	DW13	W13 - DW12 - W12	TUBELESS
VF 380/105R46 CFO (178D)	TM150	400	1955	890	5950	975	DW13	W13 - DW12 - W12	TUBELESS
VF 480/80R46 CFO (177D)	TM150	480	1950	880	5915	925	DW16	DW15	TUBELESS
VF 520/85R46 CFO (173D)	TM150	540	2055	905	6155	975	DW18L	DW16L	TUBELESS
VF 380/105R50 CFO (179D)	TM150	410	2050	935	6215	1025	DW13	W13 - DW12 - W12	TUBELESS
VF 480/80R50 CFO (179D)	TM150	490	2050	930	6205	975	DW16	DW15	TUBELESS
VF520/85R50 (177D)	TM150	525	2165	955	6490	1025	DW16L	DW18L	TUBELESS
VF380/105R54 (178D)	TM150	395	2145	980	6500	1050	DW13	W13 - DW12 - W12	TUBELESS





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