



TDR 700 - Technical Specifications

Agriculture | Radial | R-1W | TL | 7 Years

Salient Features & Benefits

TDR 700, Advanced 70 series tractor tyre for high-horsepower machines. Built for superior grip, lower compaction, and all-terrain comfort.



High Traction

- Optimized R1-W tread design
- Provides firm grip and reduced slippage for efficient power transfer in wet or tilled soil applications.

Low Soil Compaction

- Wider footprint with deeper lugs
- Distributes pressure evenly, protecting soil structure and improving yield potential.

Enhanced Road Comfort

- Rounded shoulders with optimised lug angle
- Reduces cabin vibration and noise, delivering a smoother ride on roads and fields.

Durability under Heavy Loads

- Reinforced carcass with wear-resistant compound
- Handles high torque and weight consistently, ensuring long tyre life.

Self-Cleaning Tread Pattern

- Open lug spacing with unique Mud-Breaking Design
- Keeps the tread clean in muddy conditions for uninterrupted traction and improved efficiency

Machineries



Tractor

Standard: International Standards

Dimensions International Standards

ECE	E11*106R00/19*6864*00
Tyre Size	580/70R38
Rec Rim	DW18L
Alternate Rim	DW18L
PR & LI/SI	155 D
Section Width (mm)	577
Overall Diameter (mm)	1827
Static Load Radius (mm)	839
Rolling Circumference (mm)	5465
Type	TL

Note: Section Width And Overall Diameter Are Unloaded Dimensions.

Load Capacity

km/h / bar	0.8	1	1.2	1.4	1.6
Static	5680	6490	7290	8100	8910

Mixed Application

km/h / bar	0.8	1	1.2	1.4	1.6
10	3710	4230	4760	5280	5810
25	2930	3340	3760	4170	4590
30	2840	3240	3650	4050	4460
40	2700	3090	3470	3850	4240
50	2590	2960	3330	3700	4070
65	2470	2820	3170	3520	3875