



# 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*106R00/18*6727*00
Tyre Size	480/70R38
Rec Rim	W15
Alternate Rim	W14L, W16L
PR & LI/SI	145 D
Section Width (mm)	479
Overall Diameter (mm)	1681
Static Load Radius (mm)	778
Rolling Circumference (mm)	5028
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	4280	4880	5470	6070	6670

### Mixed Application

km/h / bar	0.8	1	1.2	1.4	1.6
10	2790	3180	3570	3960	4350
25	2200	2510	2820	3130	3440
30	2140	2440	2740	3040	3340
40	2040	2320	2610	2890	3180
50	1950	2230	2500	2770	3050
65	1860	2120	2380	2640	2900