



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*6721*00
Tyre Size	420/70R28
Rec Rim	W13
Alternate Rim	W12, W14L
PR & LI/SI	133 D
Section Width (mm)	418
Overall Diameter (mm)	1349
Static Load Radius (mm)	619
Rolling Circumference (mm)	4035
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	2990	3430	3860	4300	4740

Mixed Application

km/h / bar	0.8	1	1.2	1.4	1.6
10	1950	2240	2520	2810	3090
25	1540	1770	1990	2220	2440
30	1500	1710	1930	2150	2370
40	1420	1630	1840	2050	2260
50	1370	1560	1760	1960	2160
65	1300	1490	1680	1870	2060