



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*6723*00
Tyre Size	420/70R30
Rec Rim	W13
Alternate Rim	W12, W14L
PR & LI/SI	134 D
Section Width (mm)	418
Overall Diameter (mm)	1398
Static Load Radius (mm)	644
Rolling Circumference (mm)	4182
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	3130	3570	4000	4440	4880

Mixed Application

km/h / bar	0.8	1	1.2	1.4	1.6
10	2040	2330	2610	2900	3180
25	1610	1840	2060	2290	2510
30	1560	1780	2000	2220	2440
40	1490	1700	1910	2110	2320
50	1430	1630	1830	2030	2230
65	1360	1550	1740	1930	2120