



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*6726*00
Tyre Size	520/70R34
Rec Rim	W16
Alternate Rim	W15L, W18L
PR & LI/SI	148 D
Section Width (mm)	516
Overall Diameter (mm)	1640
Static Load Radius (mm)	753
Rolling Circumference (mm)	4905
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	4600	5240	5910	6580	7250

Mixed Application

km/h / bar	0.8	1	1.2	1.4	1.6
10	3000	3420	3860	4290	4730
25	2370	2700	3050	3390	3730
30	2300	2620	2960	3290	3620
40	2190	2500	2810	3130	3450
50	2100	2390	2700	3000	3310
65	2000	2280	2570	2860	3150