



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	-
Tyre Size	520/70R38 (HD)
Rec Rim	W16
Alternate Rim	W15L, W18L
PR & LI/SI	150 D
Section Width (mm)	516
Overall Diameter (mm)	1749
Static Load Radius (mm)	806
Rolling Circumference (mm)	5231
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	4920	5610	6330	7020	7710

Mixed Application

km/h / bar	0.8	1	1.2	1.4	1.6
10	3210	3660	4130	4580	5030
25	2540	2890	3260	3610	3970
30	2460	2810	3160	3510	3850
40	2340	2670	3010	3340	3670
50	2250	2560	2890	3200	3520
65	2140	2440	2750	3050	3350