



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

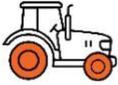
- Reinforced carcass with wear-resistant compound
- Handles high torque and weight consistently, ensuring long tyre life.

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*6729*00
Tyre Size	580/70R38 (SB)
Rec Rim	DW18L
Alternate Rim	DW18L
PR & LI/SI	180 D
Section Width (mm)	577
Overall Diameter (mm)	1827
Static Load Radius (mm)	839
Rolling Circumference (mm)	5465
Type	TL

Note: Section Width And Overall Diameter Are Unloaded Dimensions.

Load Capacity

km/h / bar	2.5	3.1	3.8	4.7	5.5
Static	9340	11160	13270	15990	18400

Mixed Application

km/h / bar	2.5	3.1	3.8	4.7	5.5
10	6090	7280	8660	10430	12000
25	4810	5750	6840	8240	9480
30	4670	5580	6640	7990	9200
40	4450	5310	6320	7610	8760
50	4260	5090	6060	7300	8400
65	4060	4850	5770	6950	8000