

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*106R00/21*11232*00 |
| Tyre Size | 580/70R42 |
| Rec Rim | W18L |
| Alternate Rim | DW18L,DD18L |
| PR & LI/SI | 162 D |
| Section Width (mm) | 577 |
| Overall Diameter (mm) | 1879 |
| Static Load Radius (mm) | 868 |
| Rolling Circumference (mm) | 5620 |
| Type | TL |

Note: Section Width And Overall Diameter Are Unloaded Dimensions.

Load Capacity

| km/h / bar | 0.8 | 1.2 | 1.6 | 2 | 2.4 |
|------------|------|------|------|-------|-------|
| Static | 5960 | 7680 | 9380 | 10280 | 10930 |

Mixed Application

| km/h / bar | 0.8 | 1.2 | 1.6 | 2 | 2.4 |
|------------|------|------|------|------|------|
| 10 | 3890 | 5010 | 6120 | 6710 | 7130 |
| 25 | 3070 | 3960 | 4830 | 5300 | 5630 |
| 30 | 2980 | 3840 | 4690 | 5140 | 5460 |
| 40 | 2840 | 3660 | 4470 | 4890 | 5200 |
| 50 | 2720 | 3510 | 4280 | 4690 | 4990 |
| 65 | 2590 | 3340 | 4080 | 4470 | 4750 |