

## MDR 1000 - Technical Specifications

Industrial & Construction | Radial | IND | TL | 7 Years

### Salient Features & Benefits

**Multi Drive Radial 1000, specially designed for multi-purpose usage in Tractor, Backhoe, and Telehandler.**

#### Improved lateral traction on hillsides & slopes:

- Multi-Block Tread design.
- Provides Stability and a smooth, comfortable ride on hard surfaces, soft conditions, snow & in sand.

#### Excellent Grip in all terrains & minimizes Soil compaction:

- Wider Footprint.
- Decreases slippage and increases overall productivity.

#### Higher Load Capacity:

- Extra Strong Casing Equipped with Steel Belts
- Better impact resistance and exceptional puncture resistance to enhance the tyre's durability.

#### Less vibration & low tyre noise at high speed:

- High number of blocks with high rubber-to-void ratio.
- Low rolling resistance which reduces fuel consumption

#### Longer Tire Life:

- Superior Tread compound.
- Provides even wear on both the field and on the road.



## Machineries



**Standard:** International Standards

## Dimensions International Standards

|                            |                       |
|----------------------------|-----------------------|
| ECE                        | E11*106R00/19*7972*00 |
| Tyre Size                  | 620/80R42 (SB)        |
| Rec Rim                    | DW20B                 |
| Alternate Rim              | -                     |
| PR & LI/SI                 | 181A8/177D            |
| Section Width (mm)         | 625                   |
| Overall Diameter (mm)      | 2059                  |
| Static Load Radius (mm)    | 943                   |
| Rolling Circumference (mm) | 6158                  |
| Type                       | TL                    |

**Note:** Section Width And Overall Diameter Are Unloaded Dimensions.

## Constant Load

| km/h / bar | 1.2  | 1.6  | 2    | 2.4  | 2.8  | 3.2   |
|------------|------|------|------|------|------|-------|
| 10         | 4890 | 5980 | 7060 | 8140 | 9230 | 10310 |
| 25         | 4140 | 5070 | 5990 | 6900 | 7820 | 8750  |
| 30         | 4070 | 4970 | 5880 | 6770 | 7680 | 8580  |
| 40         | 3910 | 4780 | 5650 | 6510 | 7380 | 8250  |
| 50         | 3560 | 4350 | 5140 | 5920 | 6720 | 7510  |
| 65         | 3410 | 4170 | 4930 | 5690 | 6440 | 7300  |
| 70         | 3100 | 3790 | 4490 | 5180 | 5860 | 6640  |

## Cyclic Application

| km/h / bar | 1.2  | 1.6  | 2    | 2.4  | 2.8   | 3.2   |
|------------|------|------|------|------|-------|-------|
| 10         | 5870 | 7170 | 8480 | 9770 | 11070 | 12380 |
| 15         | 5240 | 6410 | 7570 | 8720 | 9890  | 11060 |

## Load Capacity

| km/h / bar | 1.2  | 1.6   | 2     | 2.4   | 2.8   | 3.2   |
|------------|------|-------|-------|-------|-------|-------|
| Static     | 9000 | 11010 | 13020 | 15020 | 17000 | 19270 |