

ELR 3100 - Technical Specifications

Earth Mover | All Steel Radial | E-3/L-3 | TL | 5 Years

Salient Features & Benefits

ELR 3100 Earthmover Loader Radial, is an All-Steel Radial construction Tyre specially designed for Wheel Loader, ADT.

Contemporary tread with four robust blocks and a wide footprint:

- Maximizes ground contact for confident traction on challenging terrain, spreads pressure evenly to slow tread wear and delivers a smoother ride with improved fuel efficiency.

A strong bridge at the centre line:

- Limits lateral movement and tread shuffling, Enhances **directional stability** and ride comfort.

Innovative design for balanced weight distribution in tread:

- Prevents localized heat build-up, reduces fatigue, and enhances long-term durability.

Anti-Stone Lug Geometry with Optimized lug angles and spacing:

- Ejects stone effectively, reducing downtime from debris damage while maintaining reliable grip on rough surfaces.

High-strength carcass and deep protective base rubber:

- Shields against cuts, sharp impacts, and punctures common in mining and construction, extending overall tyre service life.



Machineries



Wheel Loader

Standard: International Standards

Dimensions International Standards

ECE	-
Tyre Size	20.5R25 (CR)
Rec Rim	17.00/2.0
Alternate Rim	-
PR & LI/SI	177B/186A2 (**/*)
Section Width (mm)	520
Overall Diameter (mm)	1485
Static Load Radius (mm)	668
Rolling Circumference (mm)	4441
Type	TL

Note: Section Width And Overall Diameter Are Unloaded Dimensions.

Load Capacity

km/h / bar		5.25
50		7300

Load Capacity

km/h / bar		5
10		9500