

PRODUCT DATA SHEET

ELR 3100

Tyre Construction: Radial

Type: Tube Less

Main Applications: Wheel Loader

TRA Code: E-3/L-3



Salient Features:

Modern Four-Block Tread

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.

Cut-Resistant Compound & Thick Under-Tread

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.



Technical Data



Size	Star Rating	Recomm. Rim	Unloaded Dimension		SLR	RC	PR & LSI	Appln Max. Speed	Tire Load Limits at Various Cold Inflation Pressures											
			SW	OD																
			mm	mm	mm	mm														
			in	in	in	in														
17.5R25	★2 /★1	14.00/1.5	445	1342	609	4014	167B/ 176A2	E/M	★	★1										★2
								50	kg	3350	3550	3750	4000	4125	4375	4625	4750	5000	5150	5450
								30	lbs	7400	7850	8250	8800	9100	9650	10200	10500	11000	11400	12000
			17.5	52.8	24	158		Loader	★	★1										
								10	kg	-	-	-	-	-	6000	6150	6500	6700	7100	-
								5	lbs	-	-	-	-	-	13200	13600	14300	14800	15700	-
20.5R25	★2 /★1	17.00/2.0	520	1485	668	4441	177B/ 186A2	E/M	★	★1										★2
								50	kg	4375	4750	5000	5300	5600	5800	6150	6500	6700	6900	7300
								30	lbs	9650	10500	11000	11700	12300	12800	13600	14300	14800	15200	16100
			20.5	58.5	26.3	174.9		Loader	★	★1										
								10	kg	-	-	-	-	-	8000	8250	8750	9000	9500	-
								5	lbs	-	-	-	-	-	17600	18200	19300	19800	20900	-
23.5R25	★2 /★1	19.5/2.5	597	1609	719	4812	185B/ 195A2	E/M	★	★1										★2
								50	kg	5600	6000	6500	6700	7100	7500	7750	8250	8500	9000	9250
								30	lbs	12300	13200	14300	14800	15700	16500	17100	18200	18700	19800	20400
			23.5	63.3	28.3	189.5		Loader	★	★1										
								10	kg	-	-	-	-	-	10300	10600	11200	11500	12150	-
								5	lbs	-	-	-	-	-	22700	23400	24700	25400	26800	-

Note: All tyres confirm to ETRTO standards

Mahansaria Tyres Pvt. Ltd.

3rd Floor, Peninsula Chambers, Ganpat Rao Kadam Marg, Lower Parel West, Mumbai 400013, India

T: +91 22 4348 1600 ▪ E: enquiry@ascensotyres.com ▪ W: www.ascensotyres.com

