

BharatBenz 3123R 8x2

Technical Specifications

Dimensions (mm)

Wheel Base	5775	6375
Overall Length	9867	11067
Overall Width	2490	2490
Overall Height	2960	2960
Front Overhang	1460	1460
Rear Overhang	1957	2557
Minimum Ground Clearance	264	264
Load Body Length	7300(24 ft.)	8500 (28 ft.)

Weight

Gross Vehicle Weight (GVW)	31000
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Engine

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Model	DE175BS4
Maximum Power	175kW (235 hp) @ 2200 rpm
Maximum Torque	850 Nm @ 1200-1600 rpm
No. of Cylinders, Displacement	6 Nos, 6372 cc
Emission Compliance	BSIV

Transmission

Gearbox Model & Type	G85 – 6F+1R, Mechanical, Synchromesh gears
Clutch Type, Diameter	Single dry plate, Hydraulic control with clutch booster, 395mm

Axle

Front Axle Model, Type	IF6.6, Reverse Elliot & IT10, Pusher
Rear Axle Model, Type	IR440, Fully floating, Hypoid gears
Rear Axle Ratio	5.875

Chassis Frame & Suspension

Chassis Type	Channel section with cross member
Depth x Flange Width x Thickness	284 x 70 x 7 (mm)
Front Suspension	Parabolic leaf spring with 2 hydraulic shock absorbers
Pusher axle suspension	Air bellow
Rear Suspension	Balancer type semi elliptical leaf spring
Anti-roll bar	Standard on Front axle (Optional on rear axle) Standard on both axles

Brakes & Tyres

Service Brake	Pneumatic, Foot operated, Dual line with ABS
Parking Brake	Pneumatically operated hand control valve
Wheel Rims & Tyres	7.50 x 20, 10.00 R 20 – 16

Steering & Cabin

PR	
Steering Type	Hydraulic power assisted
Cabin	Sleeper cabin with berth, Tilttable

Fuel Tank & Electrical

Fuel Tank	380 litres
Ad-blue tank	60 litres
Voltage	24V Electrical system
Battery Capacity	2 x 12 V, 120 Ah

Performance

Maximum Gradeability @ 1 st gear	19.3%
Maximum Geared Speed	80 km/hr
Minimum Turning Circle Diameter	21.6 m 23.2 m

Configuration

Standard	Cabin with Chassis
Load Body Option	Fixed Side Deck, High Side Deck
Option Packs	Comfort Pack (HVAC) & Hazardous Goods Package & High CG Pack
Color Options	Arctic white, Golden brown

