

# BharatBenz 2523R 6x2

# Technical Specifications

## Dimensions (mm)

Wheel Base	5175	6375
Overall Length	9867	11995
Overall Width	2490	2490
Overall Height	2960	2960
Front Overhang	1460	1460
Rear Overhang	2557	3485
Minimum Ground Clearance	264	264
Load Body Length	7300(24 ft.)	9400 (31 ft.)

## Weight

Gross Vehicle Weight (GVW)	25000
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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
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
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 & Radial 10.00 R 20 – 16

## Steering & Cabin

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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	24%
Maximum Geared Speed	80 km/hr
Minimum Turning Circle Diameter	18.7 m 22.5 m

## Configuration

Standard	Cabin with chassis
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Load Body Option  
Option Packs  
Color Options

Fixed Side Deck, High Side Deck  
Comfort Pack (HVAC) & Hazardous Goods Package & High CG Pack  
Arctic white, Golden brown