

BharatBenz 2523C 6x4

Technical Specifications

Dimensions CBC (mm)

Wheel Base	4275
Overall Length	7160/7460 (RMC)
Overall Width	2490
Overall Height	2975
Front Overhang	1460
Rear Overhang	750/1050 (RMC)
Minimum Ground Clearance	234

Weight

Gross Vehicle Weight (GVW)	25000
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Engine

kg	
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	G131 – 9F+1R, Mechanical, Synchromesh gears
Clutch Type, Diameter	Single dry plate, Hydraulic control with clutch booster, 395mm

Axle

Front Axle Model, Type	IF 6.6, Reverse Elliot
Rear Axle Model, Type	RA1 - IRT 390-11 Hypoid gears/ RA2 - IRT 390T-11, Topoid gears
Rear Axle Ratio	5.375

Chassis Frame & Suspension

Chassis Type	Channel section with cross member
Depth x Flange Width x Thickness	288 x 70 x 9 (mm)
Front Suspension	Parabolic leaf spring with 2 hydraulic shock absorbers
Rear Suspension	Inverted semi elliptical tandem bogie
Anti-roll bar	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, 11.00 x 20 – 16 PR/ 11.00 R20 – 16 PR

Steering & Cabin

Steering Type	Hydraulic power assisted
Cabin	Day cabin, Tilttable

Fuel Tank & Electrical

Fuel Tank	290 litres
Ad-blue tank	60 litres
Voltage	24V Electrical system
Battery Capacity	2 x 12 V, 120 Ah

Performance

Maximum Gradeability	53%
Maximum Geared Speed	60 km/hr
Minimum Turning Circle Diameter	15.5m

Configuration

Standard	Fully built 16 cu.m box tipper
Option	Fully built 14 cu.m box tipper

Option Packs

Comfort Pack (HVAC) & RMC Pack