

BharatBenz 1623C 4x2

Technical Specifications

Dimensions CBC (mm)

Wheel Base	3600
Overall Length	6160
Overall Width	2490
Overall Height	2960
Front Overhang	1460
Rear Overhang	1100
Minimum Ground Clearance	234

Weight

Gross Vehicle Weight (GVW)	16200 kg
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Engine

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	IR 6.6, Reverse Elliot type
Rear Axle Model, Type	IR 440-11, 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 (mm)	288 x 70 x 9
Front Suspension	Parabolic leaf spring with 2 hydraulic shock absorbers
Rear Suspension	Semi elliptical auxiliary leaf spring
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, 10.00x20-16 PR/ 10R20-16PR

Steering & Cabin

Steering Type	Hydraulic power assisted
Cabin	Day cabin, Tilttable

Fuel Tank & Electrical

Fuel Tank	260 litres
Ad-blue tank	60 litres
Voltage	24V Electrical System
Battery Capacity	2 x 12 V, 120 Ah

Performance

Maximum Gradeability	40.41%
Maximum Geared Speed	60 km/hr
Minimum Turning Circle Diameter	

Configuration

13.5 m

Standard
Option
Option pack

Cabin with chassis
Fully built 10.5 cu.m box tippers
Comfort pack (HVAC)