

BharatBenz 4023TT 4x2

Technical Specifications

Dimensions (mm)

Wheel Base	3600
Overall Length	6040
Overall Width	2490
Overall Height	2960
Front Overhang	1460
Rear Overhang	980
Minimum Ground Clearance	264

Weight

Gross Combination Weight (GCW)	40200 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	G131 – 9F+1R, Mechanical, Synchromesh gears
Clutch Type, Diameter	Single dry plate, Hydraulic control with clutch booster, 430mm

Axle

Front Axle Model, Type	IF6.6, Reverse Elliot
Rear Axle Model, Type	IR440, Fully floating, Single reduction hypoid drive with differential lock
Rear Axle Ratio	4.778

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 type leaf spring with 2 hydraulic shock absorbers
Rear Suspension	Semi elliptical leaf spring with auxiliary springs
Anti-roll bar	Standard on front axle only

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 R 20 – 16 PR

Steering & Cabin

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

Fuel Tank & Electrical

Fuel Tank	290 litres+200 litres (Additional tank)
Ad-blue tank	60 litres
Voltage	24V Electrical system

Performance

Battery Capacity	2 x 12 V, 120 Ah
Maximum Gradeability @ Crawler gear	26.17%
Maximum Geared Speed	80 km/hr
Minimum Turning Circle Diameter	13.1 m

Configuration

Option pack	Comfort Pack (HVAC)
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