

BharatBenz 3128CM Box 8x4

Technical Specifications

Dimensions CBC (mm)

Wheel Base	5175
Overall Length	8060
Overall Width	2490
Overall Height	3030
Front Overhang	1460
Rear Overhang	750
Minimum Ground Clearance	287

Weight

Gross Vehicle Weight (GVW)	31000 kg
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Engine

Model	DE210BS4
Maximum Power	210kW (281 hp) @ 2200 rpm
Maximum Torque	1120 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	VL4-7.5, Reverse elliot
Rear Axle Model, Type	Hub Reduction axle
Rear Axle Ratio	6.18

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	8.50 x 20, 12.00 x 20 – 18 PR

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	66.87%
Maximum Geared Speed	60 km/hr
Minimum Turning Circle Diameter	19.2 m

Configuration

Standard	Fully built 23 cu.m box tipper
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