

# BharatBenz 3128C Box 8x4

# Technical Specifications

## Dimensions CBC (mm)

Wheel Base	5175
Overall Length	8060/8360 (RMC)
Overall Width	2550
Overall Height	3000
Front Overhang	1460
Rear Overhang	750/1050 (RMC)
Minimum Ground Clearance	235

## Weight

Gross Vehicle Weight (GVW)	31000
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## Engine

kg	
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	IF6.6, Reverse Elliot
Rear Axle Model, Type	RA1 - IRT390-11 Hypoid gears/ RA2 - IRT390T-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/ 11R20 optional

## 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 @ crawler	58%
Maximum Geared Speed	60 km/hr
Minimum Turning Circle Diameter	19.2m

## Configuration

Standard	Fully built 19 cu.m box tipper
Option Packs	Comfort pack (HVAC) & RMC pack