

BharatBenz 1214R (4x2)

Technical Specifications

Dimensions (mm)

Wheel Base	3760	3760	4250	4800
Overall Length	6380	7075	7585	8595
Overall Width	2225	2225	2225	2225
Overall Height	2500	2500	2500	2500
Minimum Ground Clearance	245	245	245	245
Load Body Length	4440 (14.6 ft.)	5175 (17 ft.)	5785 (19 ft.)	6615(22ft)

Weight

Gross Vehicle Weight (GVW)	12800 kg
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Engine

Model	4D34i
Maximum Power	100kW (140 hp) @ 2500 rpm
Maximum Torque	420 Nm @ 1500-2000 rpm
No. of Cylinders, Displacement	4 Nos, 3907 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, 362mm

Axle

Front Axle Model, Type	IF 4.5, Reverse elliot
Rear Axle Model, Type	AAM 9.22, Fully floating, Hypoid gears
Rear Axle Ratio	6.33 6.33 5.13 5.13

Chassis Frame & Suspension

Chassis Type	Channel section with cross member
Depth x Flange Width x Thickness	228 x 80 x 6 (mm)
Front Suspension	Semi elliptic leaf spring with shock absorbers
Rear Suspension	Semi elliptic laminated leaf spring
Anti-roll bar	Optional (Front & Rear)

Brakes & Tyres

Service Brake	Pneumatic, Foot operated, Dual line with ABS
Parking Brake	Pneumatically operated hand control valve
Wheel Rims & Tyres	6.50 x 20, 8.25 R 20 – 16

Steering & Cabin

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Steering Type	Hydraulic power assisted
Cabin	Day cabin, Tilttable

Fuel Tank & Electrical

Fuel Tank	200 litres
Ad-blue Tank	27 litres
Voltage	24V Electrical System
Battery Capacity	2 x 12 V, 75 Ah

Performance

Maximum Gradeability	27.5%	27.5%	21.5%	21.5%
Maximum Geared Speed				80 km/hr
Minimum Turning Circle Diameter	14.8m	14.8m	16.7m	18.7m

Configuration

Standard	Cabin with Chassis
Load Body Option	Fixed Side Deck, High Side Deck, Drop Side Deck

Option Packs

Comfort Pack (HVAC)