

# BharatBenz 1617R 4x2

# Technical Specifications

## Dimensions (mm)

|                          |              |               |               |
|--------------------------|--------------|---------------|---------------|
| Wheel Base               | 5100         | 5900          | 6700          |
| Overall Length           | 8600         | 9815          | 11995         |
| Overall Width            | 2440         | 2440          | 2440          |
| Overall Height           | 2600         | 2600          | 2600          |
| Minimum Ground Clearance | 270          | 270           | 270           |
| Load Body Length         | 5985(20 ft.) | 7200 (24 ft.) | 9500 (31 ft.) |

## Weight

|                            |       |
|----------------------------|-------|
| Gross Vehicle Weight (GVW) | 16200 |
|----------------------------|-------|

## Engine

|                                |                           |
|--------------------------------|---------------------------|
| kg                             |                           |
| Model                          | 4D34i                     |
| Maximum Power                  | 125kW (170 hp) @ 2500 rpm |
| Maximum Torque                 | 520 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 6.0, Reverse elliot              |
| Rear Axle Model, Type  | MS145, Fully floating, Hypoid gears |
| Rear Axle Ratio        | 5.57                                |

## Chassis Frame & Suspension

|                                  |  |
|----------------------------------|--|
| Chassis Type                     | Channel section with cross member              |
| Depth x Flange Width x Thickness | 272 x 70 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 | 7.50 x 20, 10.00 R 20 – 16                   |

## Steering & Cabin

|               |                                     |
|---------------|-------------------------------------|
| PR            |                                     |
| Steering Type | Hydraulic power assisted            |
| Cabin         | Sleeper Cabin with berth, 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            | 21.5%                       |
| Maximum Geared Speed            | 80 km/hr                    |
| Minimum Turning Circle Diameter | 17.1m      19.8m      22.6m |

## Configuration

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

Option Packs

Comfort Pack (HVAC) & Hazardous Goods Package