



BHARATBENZ

# SCHOOL BUS

DRIVING TOMORROW'S DREAMS



#RideUnconditionally



# **BS-VI** compliant **AFTER TREATMENT SYSTEM (ATS)**





**At BharatBenz, we believe that every bus ride is not only comfortable and safer to the children but also reliable in operations. BharatBenz buses and chassis are compliant to Bharat Stage VI emission norms, making them environment friendly.**

**BharatBenz buses has achieved the BSVI emission compliance with Selective Catalytic Reduction (SCR), which is the most advanced technology available currently.**

**This technology has its roots from Daimler global heritage of being successful in more than 40+ countries since 2010. The 2-box muffler design of after-treatment system is compact, making it perfect for the bus application.**





HAPPY RIDE TO SCHOOL AND BACK HOME

COMFORT

BharatBenz School Bus is a new milestone in comfort and convenience. Every seat in our buses is a cocoon of comfort, designed to give comfortable ride to school and back home. BharatBenz school buses are loaded with features that completely fulfils the children need.

## World- Class Comfort

Parabolic suspension meticulously designed for the best in class comfort. Powerful air conditioning and vibrant color coordinated interiors provides joyful environment for the young inquisitive minds.

Tilttable and adjustable steering system makes the drive simple and enjoyable for the driver. The triple cone synchronizer gearbox results in smoother shifting and the flat torque engine facilitates lesser gear shifting.

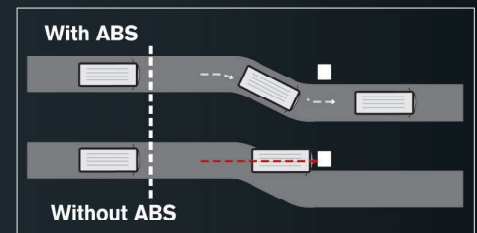


Improved Bus body to house all possible safety measures.

High-grade tubular structure with lower centre of gravity & best in the industry rollover angle of 44 degrees.

AIS:063 complaint BharatBenz school bus with factory fitted regulatory devices (ITS, RPAS, FDSS etc.) ensures children safety.

## BRAKING SYSTEM



Anti-lock braking system

## HIGHEST SAFETY STANDARDS

Bus is meticulously built for safety of children with features like anti-lock braking system, anti-roll bar, anti-skid silicon embedded vinyl flooring, fire retardant interiors, broader emergency exit door, wider frame, tubeless radial tyres, wider brake liners, fire extinguisher and first-aid kit as standard.

The wide chassis frame width and tubeless radial tyres enhances the stability of the vehicle, while the front and rear anti-roll bars result in improved cornering, better handling of the bus.



# STABILITY



Best in class reliability with optimized service intervals for engine, transmission, axle and corrosion preventive body ensures lowest maintenance.

## Technical Specifications

## School Bus

<b>Engine</b>	
Engine type	4D34i
General characteristics	4 Cylinder, Vertical in-line BSVI, inter-cooled, turbo-charged
Capacity	3907cc
Max output	170HP (125kW) @ 2500rpm
Max torque	520Nm @ 1500rpm
<b>Gearbox</b>	
Model	MO36, Synchromesh
No. of Gears	6 forward with overdrive+ 1 reverse
<b>Clutch</b>	
Type	Organic, Single dry plate, Ø325mm
<b>Brake</b>	
Type	Dual Circuit, full air, S-Cam type drum
Auxillary Brake	Exhaust brake
Electronic	Anti-lock Braking System (ABS)
<b>Axles</b>	
Front Axle	Heavy-duty reverse elliot 'I' beam
Rear Axle	Fully floating type
<b>Suspension</b>	
Type	Parabolic suspension at front and rear
Anti roll bars	Double acting telescopic shock absorber and anti roll bars at front and rear
<b>Steering</b>	
Type	Power steering, adjustable and tiltable
<b>Tyres</b>	
Type	235/75 R 17.5 tubeless tyres
<b>Electrical System</b>	
System output	24V
Battery	2x12V, 120Ah
<b>Fuel Tank</b>	
Capacity	160L
Adblue	43L
<b>Body Features</b>	
Seats	Bench type seats with under seat luggage racks, chin guards, handholds and aisle side hold
Seat Layout/capacity	3 x 2 layouts with 49 bench type seats (Option - 2x2 layout with 39 HHR seats)
Floor	Marine grade plywood, Anti-skid vinyl top layer
Passenger door	In-swing, Automatic
Windows	Fixed glass
Emergency exit	Door at rear RHS, rear breakable glass, all windows breakable
Emergency kit	Fire extinguisher (5kg x2 ), First-Aid kit
Hatrack	Hat rack with Free Flow vents
Lights	4+1 standard LED lights with integrated night lamp distributed through saloon area
Speakers	Provision made with internal wiring, 2 front and 2 rear
Safety features	Seat belts, provision for CCTV, GPS, RFID and navigator, retractable first step, door opening alarm, guarded driver area, emergency alarm, stop sign
Fitments	Notice Board
Optional fitments	Sports kit carrier, destination boards, modular hatrack with individual louvers



10T Frame



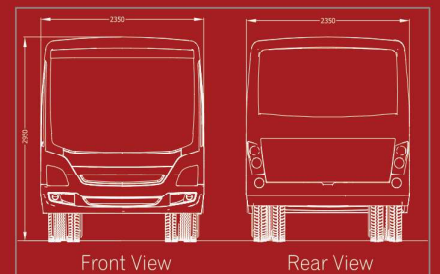
High pressure CRDI



Gearbox

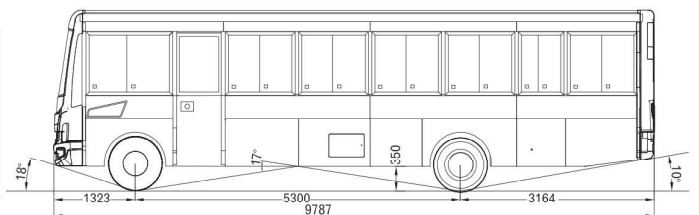
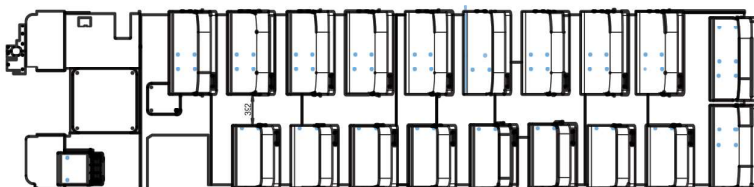


Rear axle

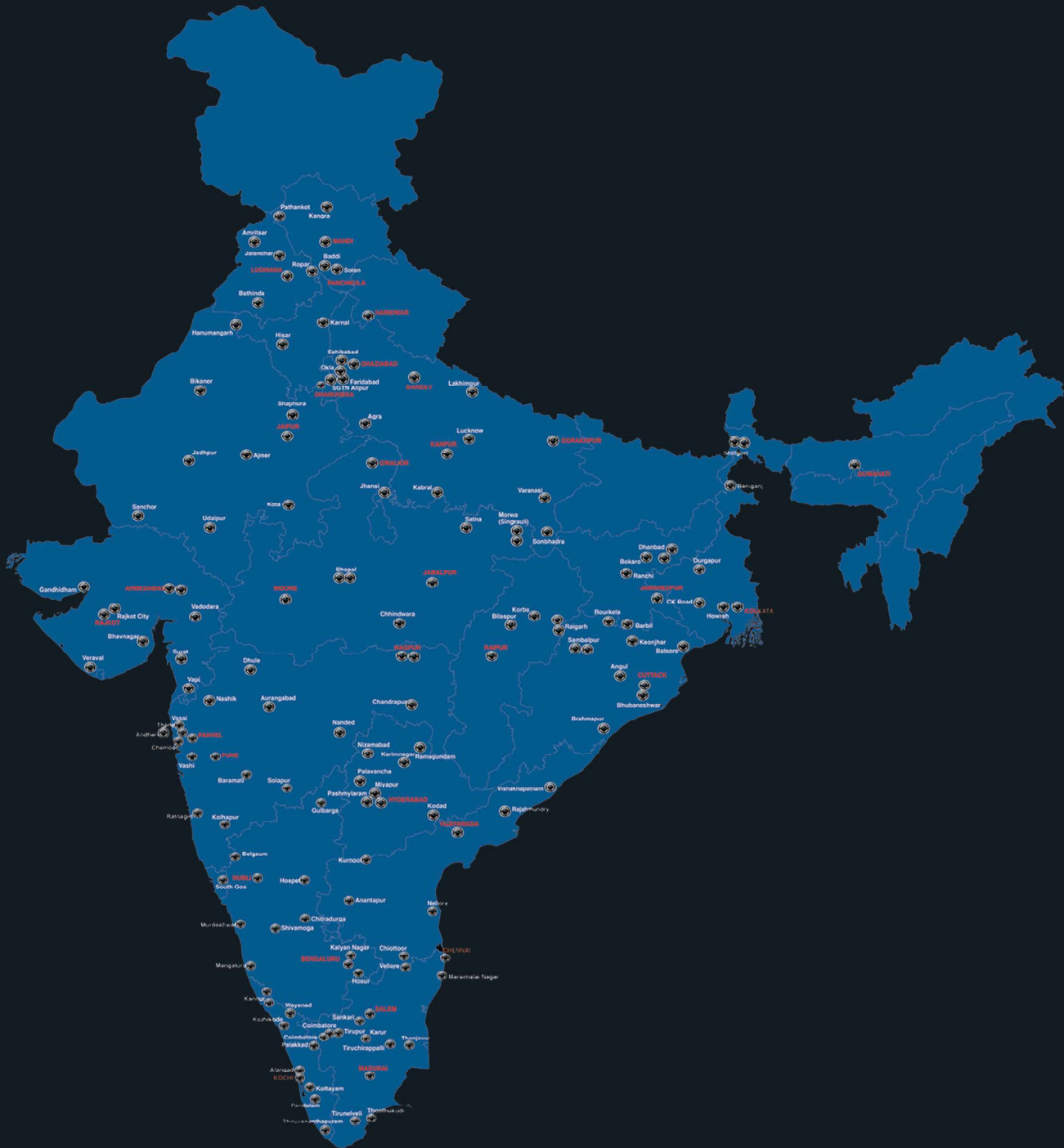


Front View

Rear View



# World-class dealerships across India



**Daimler India Commercial Vehicles Pvt. Ltd.**  
SIPCOT Industrial Growth Centre, Oragadam,  
Mathur Post, Sriperumbudur Taluk,  
Kancheepuram District - 602105, Tamil Nadu, India.  
Ph: +91 44 49694000/5969  
Email: dicvbusales@daimler.com; Website: www.bharatbenz.com

**For trade enquiries  
call toll free no. 1800-300-88888**

Features may not be part of standard equipment. Colours may vary owing to printing. BharatBenz buses conform to Bharat Stage VI norms. Manufacturer reserves right to change specifications without prior notice.

Date of going to print: 25<sup>th</sup> January 2020