



BHARATBENZ

STAFF BUS

OUR ROADMAP - YOUR SUCCESS



#RideUnconditionally



BS-VI compliant
AFTER TREATMENT SYSTEM (ATS)



At BharatBenz, we believe that every bus ride is not only comfortable and safer to the passenger 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.



THE RIDE THAT MAKES YOU FEEL AT HOME

COMFORT

BharatBenz Staff Bus is a new milestone in comfort and convenience. Every seat in our buses is a cocoon of comfort, designed to give relaxation to passenger in daily commute, resulting in excellent productivity at work and joyful time at home after work. BharatBenz staff buses are loaded with features that completely fulfils the commuters need.

World- Class Comfort

Parabolic suspension meticulously designed for the best in class comfort. Powerful air conditioning, spacious and color coordinated interiors leads to good vibes to employees.

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.



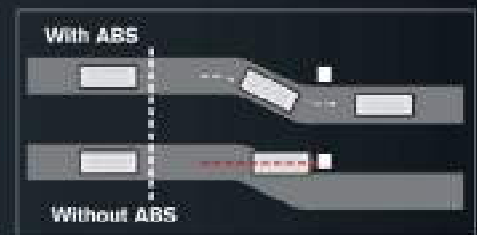
SAFETY

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.

Factory fitted regulatory devices (ITS, RPAS, FDAS etc.) ensures passenger safety.

BRAKING SYSTEM

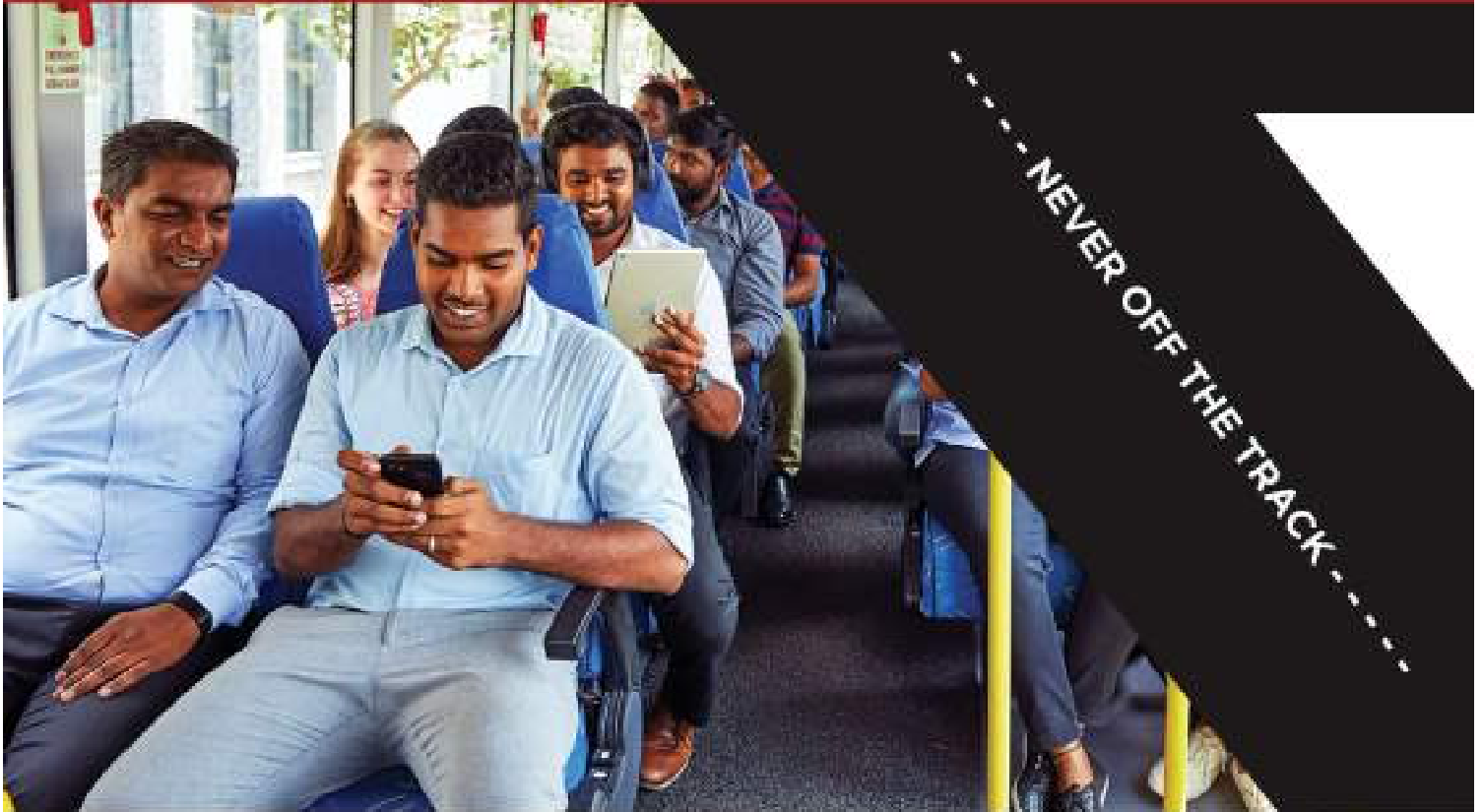


Anti-lock braking system

HIGHEST SAFETY STANDARDS

Bus is meticulously built for safety of passenger 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.



NEVER OFF THE TRACK

STABILITY



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



Technical Specifications

Staff Bus

Engine	
Engine type	4D34i
General characteristics	4 Cylinder, Vertical in-line BSVI, Inter-cooled, turbo-charged
Capacity	3807cc
Max output	170HP (125kW) @ 2500rpm
Max torque	520Nm @ 1500rpm
Gearbox	
Model	MC36, Synchromesh
No. of Gears	6 forward with overdrive+1 reverse
Clutch	
Type	Organic, Single dry plate, Ø325mm
Brake	
Type	Dual Circuit, full air, S-Cam type drum
Auxiliary Brake	Exhaust brake
Electronics	Anti-lock Braking System (ABS)
Axles	
Front Axle	Heavy-duty reverse Elliot Y beam
Rear Axle	Fully floating type
Suspension	
Type	Parabolic suspension at front and rear
Anti roll bars	Double acting telescopic shock absorber and anti roll bars at front and rear
Steering	
Type	Power steering, adjustable and tiltable
Tyres	
Type	235/75 R 17.5 tubeless tyres
Electrical System	
System output	24V
Battery	2x12V, 120Ah
Fuel Tank	
Capacity	160L
Adblue	43L
Body Features	
Seats	Push back type
Seat Layout/capacity	2x2 layout with 35+1 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	Modular hatrack with individual AC vents and service sets
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
Driver seat	2-way mechanical adjustable seats
Driver door	Half-length door with roll-up glasses
Additional feature	Seat belts, provision for OCTV, GPS, RFID and navigator; light at entry area emergency alarm, Notice Board,
Optional fittings	Music Player, Speakers, destination boards, tubular hatrack with free-flow AC, Option of 39 HHR seater (2x2) and 26 seater (2x1)



10T Frame



High pressure CRDI



Gear box

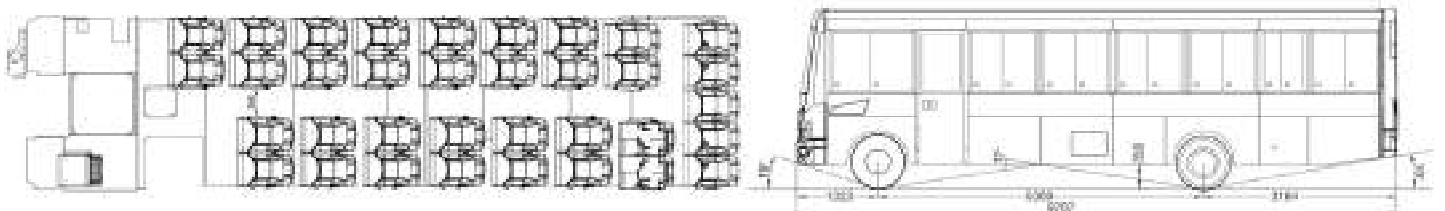


Rear axle

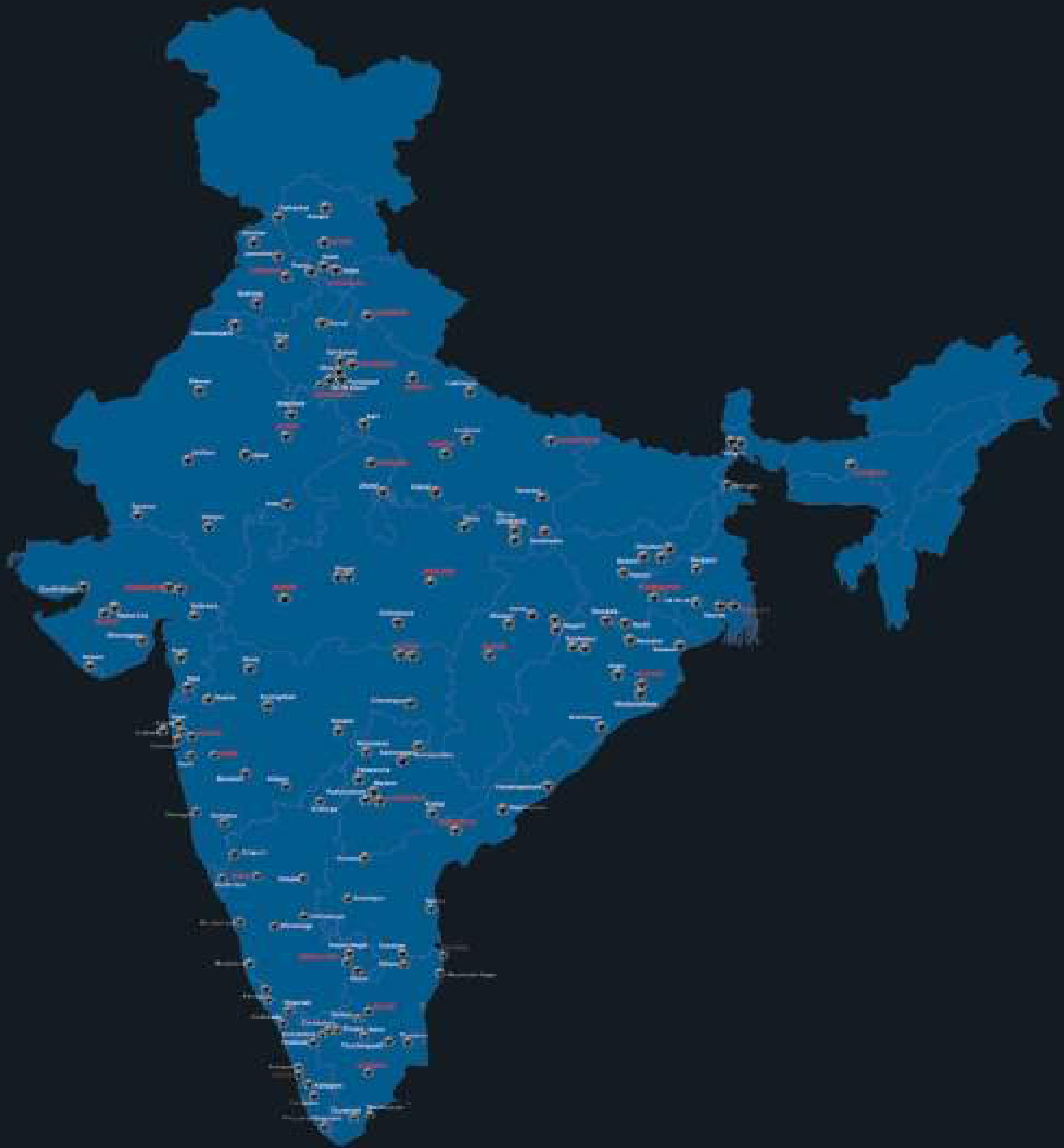


Front View

Rear View



World-class dealerships across India



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**For trade enquiries
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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.

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