



BHARATBENZ

EXPLORE
**THE ALL-NEW
BHARATBENZ
RIGIDS**



BHARAT**6+**

Enhanced
fuel efficiency

Versatile
application

Superior
performance

And a lot more.



Explore a range of
supercharged benefits

WITH

PROFIT
TECHNOLOGY **NXT** 



REDEFINING THE FUEL EFFICIENCY BENCHMARK, YET AGAIN.

High Powered Engine

Our new range of rigs are equipped with 250hp and 306hp engines designed for higher efficiency and longer life. Other features like powerful I-brakes and advanced single module powertrain control enhance the performance.



Compact and Efficient ATS

- The Aftertreatment System consumes very little space. This space makes it more practical and multiple application friendly.
- 40% more soot load capacity helps in extended maintenance intervals, improved efficiency and downtime reduction.



Minimal Parked Regeneration

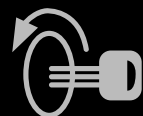
Closed loop thermal management for the engine & ATS reduces the chance of parked regeneration.



Embrace the future of trucking with features that enable the vehicle to operate at optimum fuel efficiency.

Auto Green Band

The vehicle guides the driver to maintain a certain rpm range based on operating conditions. Ensuring high fuel economy in all conditions.

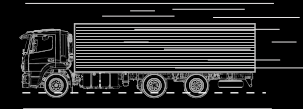


Auto Idling Shutdown

Eliminates prolonged engine idling thus saving fuel.

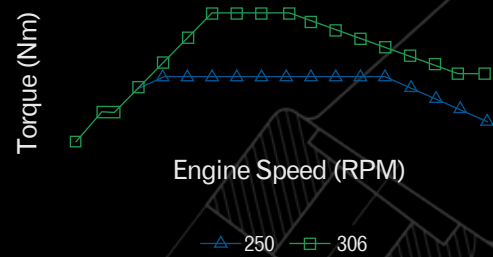
Harsh Acceleration

Limits the rate of acceleration for preventing excess fuel consumption.



Best-In-Class Power and Peak Torque

9% to 12% higher torque enables the vehicle to carry heavy loads with ease.



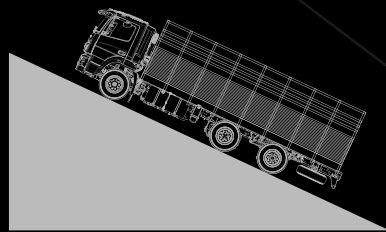
Aerodynamic Cabin Design

The cabin design ensures lower aerodynamic resistance, which helps reduce the air drag, thus burning less fuel.



High Boost Pressure Turbo Charger

The updated turbo charger with 1.8 bar boost pressure, enables more air to flow through the inlet, increasing air flow at a significantly lower rpm, which further boosts the fuel efficiency of the BharatBenz heavy-duty rigids.



Efficient Powertrain

Peak torque at low rpm; higher torque multiplication in gearbox and low reduction final drive ratio. This configuration leads to more efficient operation in any terrain and any load with less transmission loss.



Multi-drive Mode

This feature enables drivers to select different modes during partial or no-load conditions to reduce the fuel consumption for better fuel efficiency.



Advanced Common Rail Injection System

Multiple injections at consistent rate and pressure improves combustion at various rpm and loads to help achieve better fuel efficiency and low NVH.

THE SAFEST AND THE MOST COMFORTABLE TRUCK TO GET THE BEST OUT OF YOUR DRIVERS



Driver State Monitoring

- Driver State Monitoring system aims to avoid dangerous situations of driver falling asleep or otherwise being distracted at the wheel.
- The state-of-the-art BharatBenz DSM system identify facial patterns including eyes, head gaze and other natural cues.
- In case the system detects a non-attentive driver, it deploys a loud sound alert to wake up the driver.



Comfortable Cabin

- Ergonomically designed AC cabins with comfortable sleeper cabs and wide berths.
- The colored opulent interiors, coupled with chequered seat fabric, excudes comfort & luxury.



Safe Engine Brake

- Intelligent engine brakes with 28% more brake power for more brake efficiency.
- It alerts the driver when the engine speed exceeds a specified threshold and activates the engine brake to prevent engine over-revving during downhill descents.



Superior Suspension

This suspension has lower center of gravity, semi-elliptic leaves provide higher stiffness, shock absorbers make the ride more comfortable while antiroll bars improve stability during maneuvering challenging terrains.



Reverse Camera and Display

A critical instrument in enhancing driver, pedestrian and other vehicle safety by helping the driver to make informed decisions while maneuvering their vehicles.



Crash Tested Cabin

The all-new rigids cabin are AIS029 crash test certified. This ensures maximum survival space among the cabin crew in the unfortunate event of a collision.



New Human Machine Interface

The reliable and intelligent instrument cluster provides warning signals for various parameters and helps in preventive maintenance. Ideally positioned for clear visibility, it provides plenty of useful information like trip mileage, neutral and reverse gear indication, etc.



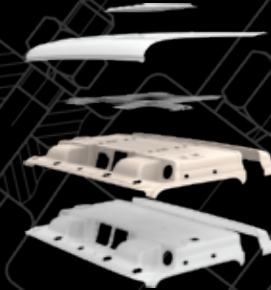
Comfortable Air Suspended Seat

Air suspended seat with higher cushion thickness are 3-way adjustable for maximum driving comfort even on long trips and bumpy roads.



Cruise Control

Helps the driver to maintain constant speed of the vehicle and enhance the driving experience for better fuel efficiency and fatigueless driving.



Cabin Roof Trim

The 7-layered cabin roof trim, made of heat-resistant materials, keeps the cabin cool and helps the driver weather hot days.



Best-In-Class Visibility

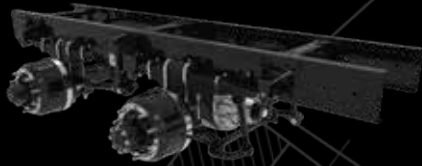
Single frame shatterproof windshield and 6 assistive wide angle mirrors reduces the blind spot for the driver making every trip safe and easy.



Shorter Braking Distance

Wider brake lining coupled with engine brake ensures efficient braking and shorter braking distance.

CONQUER EVERY TERRAIN WITH MAXIMUM RELIABILITY AT MINIMUM MAINTENANCE COST



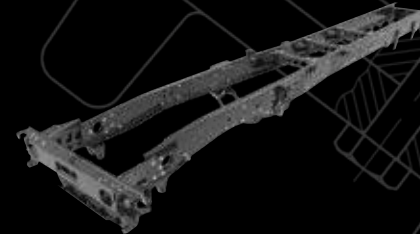
Sturdier Rear Suspension

Proven balancer suspension featuring fewer greasing points and extended lifespan, it guarantees unparalleled durability and reduced maintenance. Designed for higher longevity, it offers smooth rides and peace of mind.



Longer Service Intervals

BharatBenz rigids have best-in-class service intervals ensuring your trucks are always on the road. These trucks are designed with minimal lubrication points. The longer synchronized oil change intervals in BharatBenz rigids reduce maintenance and increase uptime.



Long-Lasting Chassis

Joggled frame design with full depth cross member provides chassis stiffness, thus improving the vehicle's stability and load-bearing ability. Short blasted and powder-coated frames increase corrosion resistance and make it long-lasting.



Soot Load Indicator

Precise and realtime indication on the soot load condition keeps the driver updated on their vehicle's condition.

Multitasking Controller

Single control module for engine and ATS improves the operational efficiency, reduces complexity and maintenance.

Efficient Engine Cooling System

The engine cooling system is designed to enhance the cooling efficiency by reducing the coolant capacity by 30% which results in lower maintenance cost.

Long Crank Protection

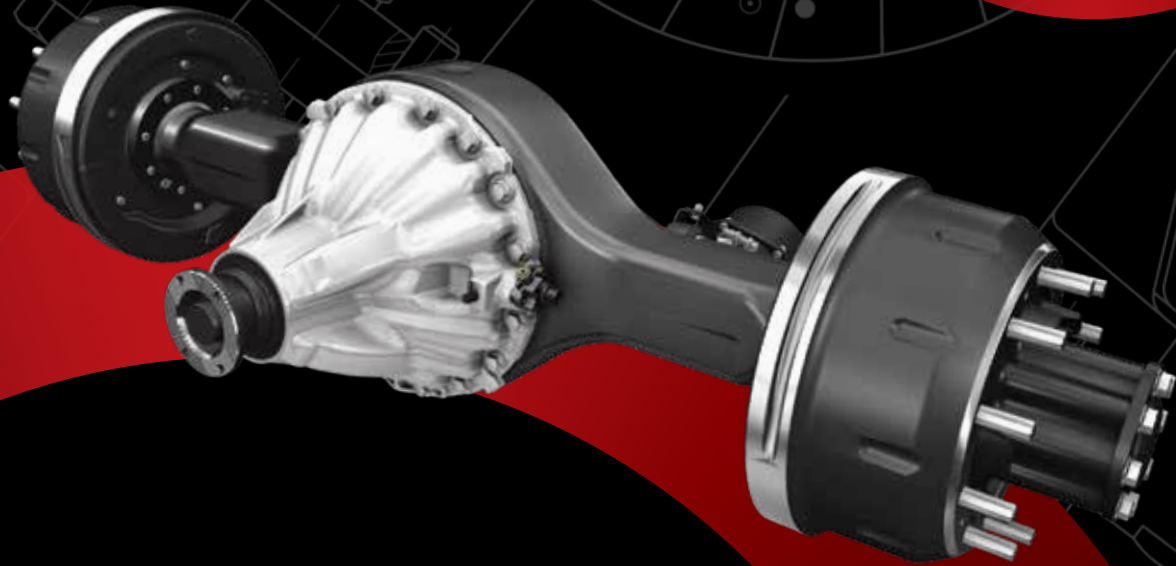
Minimizes maintenance costs by preventing starter motor failure caused by extended cranks.

Neutral Start Logic

Prevents engine cracks in geared condition to avoid unexpected vehicle movement and safeguard aggregates from failure.

Heavy-duty Rear Axle

Heavy-duty banjo-type axles ensures higher strength and durability. The larger face width of the crown wheel allows more contact area which ensures longer life. A low reduction ratio enables lower torque step down, again increasing the life of the crown wheel and pinion.



Bigger Diameter Clutch

The all-new rigids have a large clutch plate diameter of 395 mm and 430 mm. This ensures more contact area for better power transmission and lower slippage. A higher wear depth results in longer life and less maintenance.



Durable Gearbox

The stronger and durable gearbox has a higher center shaft. This provides bigger and stronger gears with more contact area, thus increasing gear life.



Bogie Rear Suspension

The Light Bogie Suspension: this innovative system ensures reliable performance with reduced maintenance needs. Its design optimizes weight distribution, enhancing life of the vehicle while minimizing downtime.



Interwheel Differential Lock

Interwheel differential locks in rigids help avoid wheel spinning on slushy roads, enabling the driver to easily pass such roads.

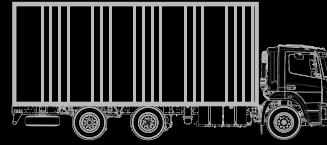
Technical Specifications

Vehicle Dimensions	2826R				2826R Tanker	3526R			3526R Tanker	
Wheelbase (mm)	5175	5775	6375	6375	5175	5775	6375	6375	6375	
Cabin	Sleeper	Sleeper	Sleeper	Compact Sleeper	Sleeper	Sleeper	Sleeper	Compact Sleeper	Sleeper	
Loading Span (ft / mm)	24 / 7305	27.9 / 8505	30.9 / 9405	32.2 / 9825	24 / 7305	25.9 / 7905	27.9 / 8505	32.2 / 9825	27.9 / 8505	
Overall Length (mm)	9890	11090	11990	11990	9890	10490	11090	11990	11090	
Overall Width (mm)	2490	2490	2490	2490	2490	2490	2490	2490	2490	
Overall Height (mm) (CBC)	2850	2850	2850	2850	2850	2960	2960	2960	2960	
Front Overhang (mm)	1485	1485	1485	1485	1485	1485	1485	1485	1485	
Rear Overhang (mm)	2555	3155	3455	3455	2555	2555	2555	3455	2555	
Ground Clearance (mm)	225	225	225	225	225	210	210	210	210	
Engine										
Engine Model	6D26 BSVI OBD-II									
Maximum Power (kW)	250hp (186kW) @ 2300 rpm									
Maximum Torque (Nm)	950 Nm @ 1000-1800 rpm									
No. of Cylinders, cc	6, 6700									
Transmission										
Gear Box Model & Type	New G85, 6S + 1R & Manual - Synchromesh with OD									
Clutch Type	Single dry plate - Organic									
Clutch Dia (mm)	395									
Power Take off	Optional									
Axle										
Front Axle	IF 7.0 (Forged - Reverse Elliot)									
Rear Axle	RS440 (Single reduction fully floating)				RS440 (Single reduction fully floating)					
Rear Axle Ratio	5.875									
Diff. Lock Status	Yes									
Chassis frame & suspension										
Frame Section (D X W X T) (mm)	284 x 70 x 7				Parabolic leaf spring			286 x 70 x 8		
Front Suspension	Balancer type									
Rear Suspension	Balancer type									
Anti-roll Bar	Front - Standard fitment			F&R - Standard fitment			Front - Standard fitment			
Brakes										
Service Brake	Pneumatic - Dual line drum brakes with ABS									
Front Brake Size (mm)	410/180				410/180			410/180		
Rear Brake Size (mm)	410/180				410/180			410/180		
Air Reservoir Capacity (L)	75				100			100		
Auxillary Brake	Powerful I-brakes									
Steering										
Steering Type	Tilt & telescopic 4-spoke steering wheels with hydraulic power assistance									
Fuel & Electrical System										
Fuel Tank / Filling Capacity (L)	380 / 355	380 / 355	380 / 355	380 / 355	200 / 185	380 / 355	380 / 355	200 / 185	200 / 185	
Adblue Tank / Filling Capacity (L)	60 / 51									
Battery Capacity & Voltage	120Ah, 12V x 2									
Performance										
Maximum Gradeability (%)	26.1				20.5			20.5		
Maximum Geared Speed (km/h)	80				60			80		
TCD (m)	18.7	21.6	22.5	22.5	18.7	21.6	23.7	23.7	23.7	
Tyres										
Pattern & Size	295/90R20, 295/80R22.5 (optional)									
Weight										
Gross Vehicle Weight (kg)	28000				35000					

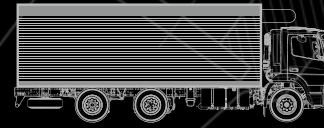
3832R	3832R Tanker	4232R				4232R Tanker			4832R			4832R Tanker			
5900 Mid Sleeper 26.9 / 8190 10435 2,490 2,930 1485 2150 170	5900 Mid Sleeper 26.9 / 8190 10435 2,490 2,930 1485 2150 170	6575 Sleeper 24.1 / 7335 9920 2,490 2,940 1485 1185 220	6575 Sleeper 27.6 / 8405 10990 2,490 2,940 1485 2255 220	6775 Sleeper 30.2 / 9205 11790 2,490 2,940 1485 2855 220	6775 Mid Sleeper 31.3 / 9545 11790 2,490 2,940 1485 2855 220	6775 Sleeper 30.2 / 9205 11790 2,490 2,940 1485 2855 220	6775 Mid Sleeper 31.3 / 9545 11790 2,490 2,940 1485 2855 220	6775 Mid Sleeper 28.7 / 8745 10990 2,490 2985 1485 2255 180	6575 Mid Sleeper 30.3 / 9245 11490 2,490 2985 1485 2755 180	6575 Sleeper 28.2 / 8600 11185 2,490 2985 1485 2450 180	6575 Mid Sleeper 30.3 / 9245 11490 2,490 2985 1485 2755 180				
6D26 BSVI OBD-II 306 hp (228kW) @ 2300 rpm 1200 Nm @ 1200 - 1500 rpm 6, 6700															
G131, 9F + 1R & Manual - Synchromesh Single dry plate - Organic															
395						Optional			430						
Twin steer - IF 7.0 (Forged - Reverse Elliot)															
ELAC controlled dual tyre lift axle + RS440 drive axle (Single reduction fully floating)		RS440 drive axle (Single reduction fully floating)						ELAC controlled dual tyre lift axle + RS440 drive axle (Single reduction fully floating)							
4.3 Yes															
286 x 70 x 8		284 x 70 x 7 Parabolic leaf spring						286 x 70 x 8							
Semi-elliptic multi spring		Balancer type F&R - Standard fitment						Balancer type		Parabolic Bogie with Bolster					
Pneumatic - Dual line drum brakes with ABS															
410/220 160		410/180 410/180 135 Powerful I-brakes						410/220 205							
Tilt & telescopic 4-spoke steering wheels with hydraulic power assistance															
330 / 310 60 / 51		380 / 355 60 / 51				60 / 51		43 / 36		330 / 310 60 / 51		60 / 51		60 / 51	43 / 36
120Ah, 12V x 2															
80 33.7 22.7		60		80		30.1 24		60		60		80		26.3 24	60
295/90R20295/80R22.5 (optional)															
38000		42000						47500							

DESIGNED TO DELIVER

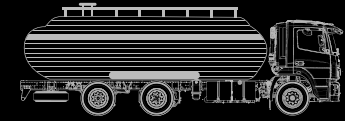
THE MAJOR APPLICATIONS SUITABLE FOR BHARATBENZ RIGIDS INCLUDES:



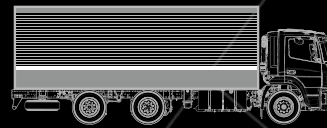
Parcel, Logistics & Express Cargo



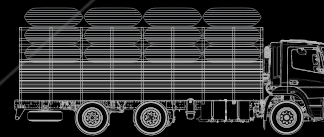
Refrigerated Containers



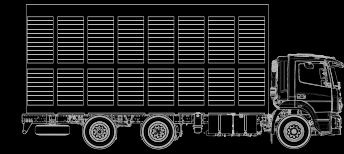
POL and Other Tankers



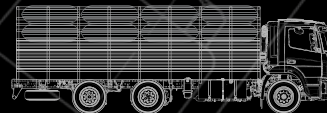
LPG / Explosive Carriers



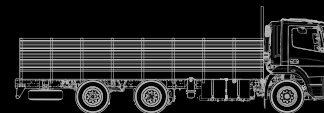
Market Load



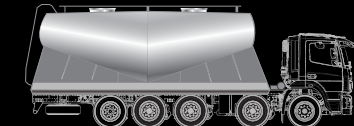
Two Wheeler Carrier



Market Load (Perishable)



Cement



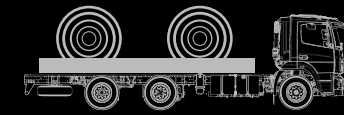
Bulkers



Industrial Goods



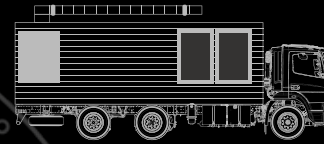
Shipping Containers



Iron & Steel Coil



Truck Mounted Crane



Fire & Rescue



Special Applications



BHARATBENZ
EXCHANGE



PRO**SERV**

**THE ALL-ROUND
SERVICES PACKAGE FOR YOUR VEHICLE**

BHARATBENZ
UNIVERSE

**GENUINE
PARTS**



EXCELLENZ

BHARATBENZ
CERTIFIED
QUALITY PRE-OWNED TRUCKS AND BUSES



WE GO THE DISTANCE SO YOU DON'T HAVE TO

At BharatBenz, we hold customer convenience as our utmost priority. Our extensive presence encompasses 350+ locations across India, ensuring swift access to our products and services whenever and wherever you need them. We are committed to delivering a superlative experience across the length and breadth of our country.



Change is what puts us ahead

BharatBenz is more than a truck. It's a philosophy. A passion for enduring performance and a commitment to delivering it with thoughtfulness, certainty, efficiency and panache.

Our trucks are built with passion, responsibility towards the environment and a greater understanding of your needs. We have tested our trucks to meet your specific requirements: for performance with poise even in the most challenging conditions; for productivity that makes an instant impression on your balance sheets; for efficiency that helps in keeping the environment cleaner.

Moreover, our all-new rigids range are designed keeping in mind the ever-changing needs of the customer. Assured to revolutionize their experience, enhance fuel efficiency, versatile applications, and unmatched performance.

**With BharatBenz, you go forward.
Towards greatness.**



BHARATBENZ

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Website: www.bharatbenz.com



All specifications and technical data presented are only indicative in nature and can be changed or revised by OEM at any given point in time.