



BHARATBENZ

**PROFIT**  
TECHNOLOGY 

WITH THE POWER OF OUR **BSVI** RANGE  
LEAD THE CHANGE **5428T (4x2)**



**Bharat6**



## Your BharatBenz comes with a pool of best in class features

### Safety

- **Driver State Monitoring System (Optional):**  
Identifies and alerts drivers from falling asleep or being distracted at the wheel.
- **Seatbelt Reminder:**  
Ensures superior safety to the occupants.
- **Diffuser Tailpipe:**  
Helps in exhaust temperature management and reduction of dust throw.
- **Daytime Running Lamp:**  
Ensures vehicle visibility during daytime as well.

### Comfort

- **Heating, Ventilation & AC (HVAC):**  
High throw air conditioning and climate control for all extreme weathers.
- **Air Suspended Seat (Optional):**  
Ensures maximum driving comfort even in rugged terrains.
- **Music System:**  
For entertainment and information on the go.
- **Power Windows:**  
Windows that can be raised or lowered just with the press of a button.
- **Central Locking:**  
Locks the whole cabin with just a flick of the driver-side lock handle.
- **Static Steering:**  
Enables easier maneuverability during tight turns.



### ENGINE

Designed for higher efficiency, longer life and maximum power with optimal fuel consumption to enable you to maximize your revenues.



### 3 PIECE BUMPER

In the event of collision, only the damaged part has to be replaced. Thus reducing the maintenance cost.



### TURBOCHARGER

High boost turbocharger ensures the perfect blend of air and fuel mixture, thus reducing fuel consumption.



### DIFFERENTIAL LOCK

Avoids the wheel spinning on slushy roads, enabling faster trip turnaround time.



### FUEL THEFT PROTECTION MESH

A meshed grill is placed at the mouth of the fuel tank to prevent any fuel theft between trips.



### GEAR SHIFT ADVISOR

Provides up/down indication of the gear shift to ensure optimal operation of the vehicle.



### SOFT CRUISE

Improved cruise control that not only ensures better driver comfort but also provides improved fuel efficiency through intelligent gradient monitoring.



### ELECTRONIC BRAKE FLAP

Electronically controlled system that accurately controls the exhaust brake flap to ensure efficient thermal management within the engine thereby improving fuel efficiency



### ENGINE BRAKE

When the engine brake is on, the constant throttle valve and the butterfly valve work in tandem to save fuel, reduce brake wear and make driving in downhill operations safer.



### THICKER AND DURABLE FRAME

In frame, 9mm thick frame and high strength BSK46 steel ensures higher durability and reliability.



### TILT AND TELESCOPIC STEERING

The tilt/telescopic feature allows the driver to adjust the steering wheel to suit their driving posture.



### POWER REDUCTION (PR) COMPRESSOR

The new optimized compressor operates based on the engine duty cycle to ensure better fuel efficiency.



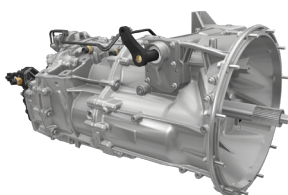
### LONG LASTING CABIN PAINT

With 800 hours of UV testing done for better cabin paint reliability.



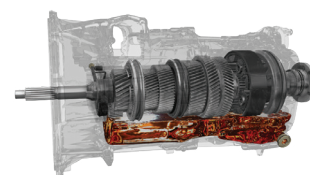
### ADVANCED AERODYNAMIC CABIN

Offers the lowest drag and add-on bumper spoiler with splitter for improved aerodynamics.



### G131 WITH OPTIMAL GEAR RATIOS

Optimal gear ratios to improve gradeability and also fuel efficiency by ensuring higher operating time in top gears.



### LONGER SERVICE INTERVALS

Ensures fewer number of visits to the dealership thus reducing cost of maintenance.



### HUB REDUCTION AXLE

Intelligently designed axle offering lower weight but high durability and reliability for greater up time.



### ANTI-ROLL BAR (Front-Std; Rear-Optional)

The anti-roll bar increases vehicle stability on application with high centre of gravity. This improves driving confidence and safety especially during cornering at high speeds.

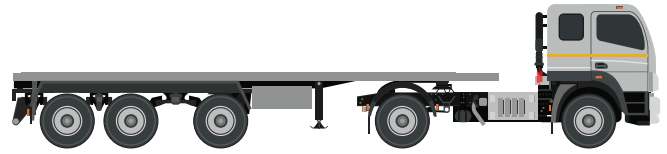


### ENGINE OVERRUN BUZZER

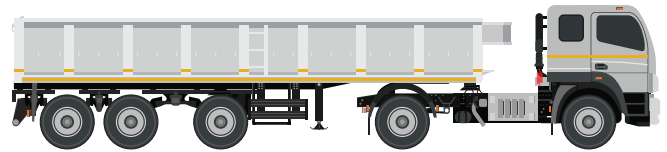
The inbuilt buzzer system detects engine overspeeding resulting from sudden downshifting of gears (lower than the recommended shift) and provides an acoustic alarm to alert the driver. This helps prevent engine damage.

## Designed to Deliver.

The major applications suitable for BharatBenz 5428TT include the below mentioned:



**STEEL COIL / PLATES**



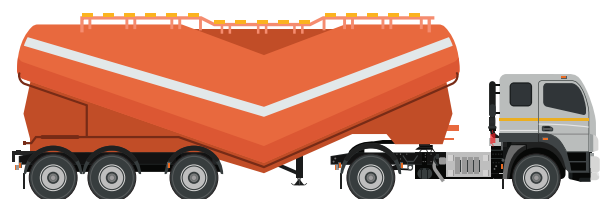
**CEMENT BAGS / AGRI PRODUCTS  
MARKET LOAD**



**ISO CONTAINER**



**CHEMICAL / EDIBLE OIL / GAS TANKER**



**BULKER**

Note: All images are for illustrative purpose only.

## Vehicle Dimensions

Wheel Base (mm)	3600
Cabin	Sleeper
Overall Length (mm)	6063
Overall Width (mm)	2490
Overall Height (mm) (CBC)	2975
Front Overhang (mm)	1485
Rear Overhang (mm)	978
Ground Clearance (mm)	304

## Engine

Engine Model	OM 926
Maximum Power, KW	210Kw @2200 rpm
Maximum Torque, Nm	1100Nm @ 1200 - 1600 rpm
No. of Cylinders, CC	6, 7200
Emission Std	Bharat Stage VI

## Transmission

Gear Box Model & Type	G 131, 9F+1R, Mechanical, Synchromesh Gears
Clutch Type	Single Dry Plate, Hydraulic Control
Clutch Dia, (mm)	430, 4.5 mm High Wear

## Axle

Front Axle	IF 7.0
Rear Axle	MT36 610 (Hub Reduction)
RAR	4.55

## Chassis Frame & Suspension

Frame Section (D X W X T) (mm)	288 x 70 x 9
Front Suspension	Parabolic Type Leaf Spring with 2 Hydraulic Shock Absorbers
Rear Suspension	Semi-Elliptical Leaf Spring
Anti-Roll Bar	Standard on Front Axle

## Brakes

Service Brake	Pneumatic, Foot Operated, Dual Line with ABS
Parking Brake	Pneumatically Operated Hand Control Valve
Front Axle Brake	Ø 410 drum
Rear Axle Brake	Ø 410 drum

## Steering

Steering Type	Hydraulic Power Assisted
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## Fuel Tank & Electricals

Fuel Tank / Filling Capacity*	455L/430L
Adblue Tank	60L/ 51L
Battery Capacity	120Ah
Voltage	24V

## Performance

Maximum Gradeability %	23.16 (54T), 24.13 (52T), 25.2 (50T)
Maximum Geared Speed kmph	80kmph
TCD	13.1m

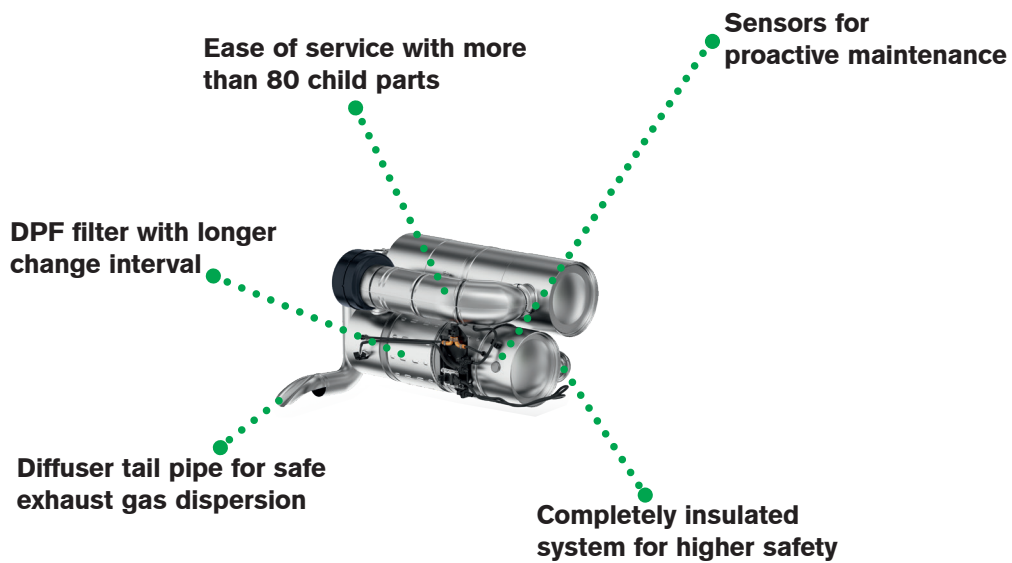
## Tyres (Size, Pattern)

Pattern and Size	Radial tyre – 295/90R20, Tubeless tyre with Rib & Lug – 295/80R22.5
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## Weight

Gross Combination Weight - GCW	54000 Kgs with suitable three axle trailer – greater than 3m tridem axle spacing & air suspension on all three trailer axles
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# Globally Proven SCR Technology



## Your truck at your fingertips



With Truckconnect, an interactive portal that uses real-time vehicle data, you can monitor and analyse your fleet and processes. The core objective of Truckconnect is to increase uptime, provide 24/7 support service, monitor real-time fleet performance and ensure the drivers' safety.

ROUTE PLAY BACK

FLEET ANALYTICS

INSTANT ALERTS

FIND MY TRUCK

TRUCKCONNECT

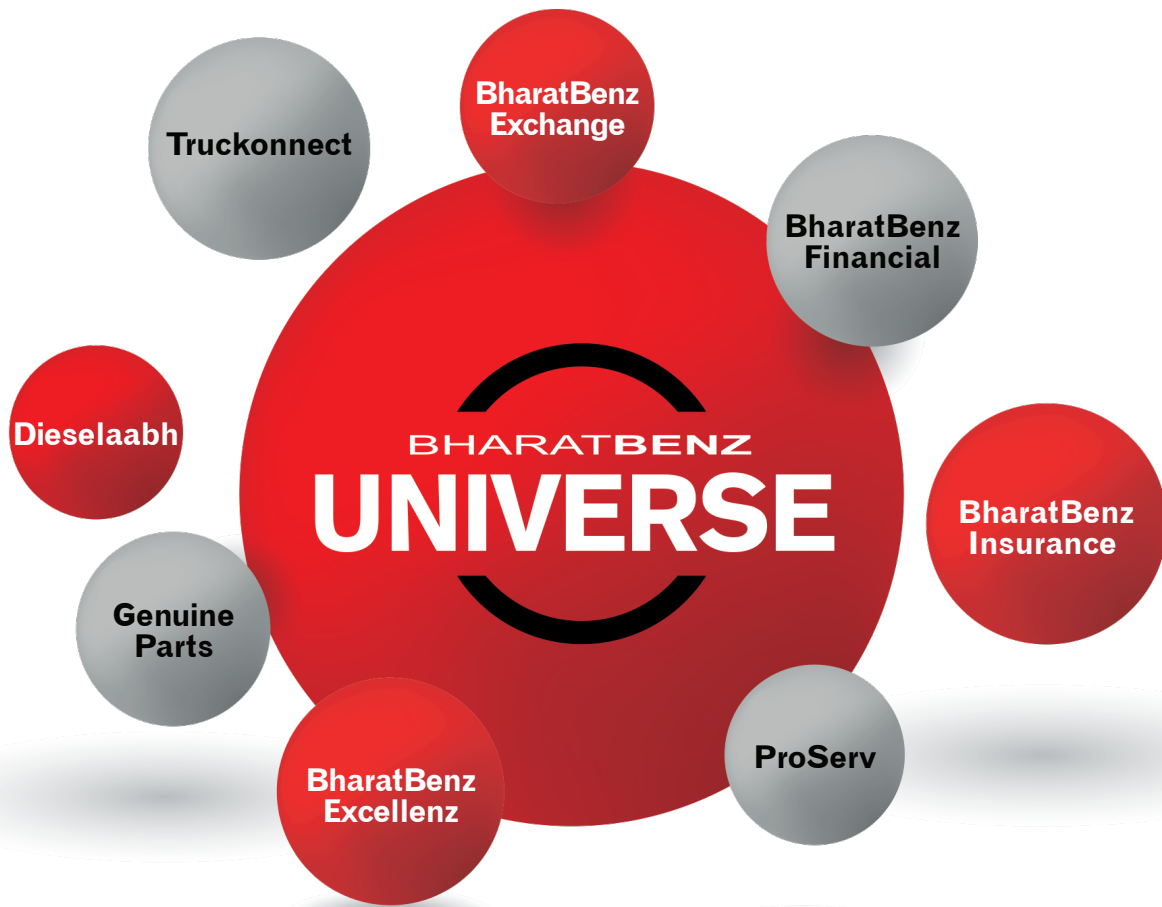
FUEL MONITORING

REPORTING

DIAGNOSTIC ERROR CODES

DRIVER SCORE

## The All-round Services Package for your Truck



## Ensuring Safe Journeys





## Ensuring Safe Journeys

As a promise to offer a safe and hygienic cabin on our MDT and HDT trucks, we have introduced 3 safety features as part of the standard offering (Curtains in HDT Sleeper Cabin, Infection Resistant Fabric on Seat and Healthcare Kit for Drivers) and 2 additional features as accessories for sale at the dealer's end (Disinfectant Fogging Machine and UV Sterilizer Box).

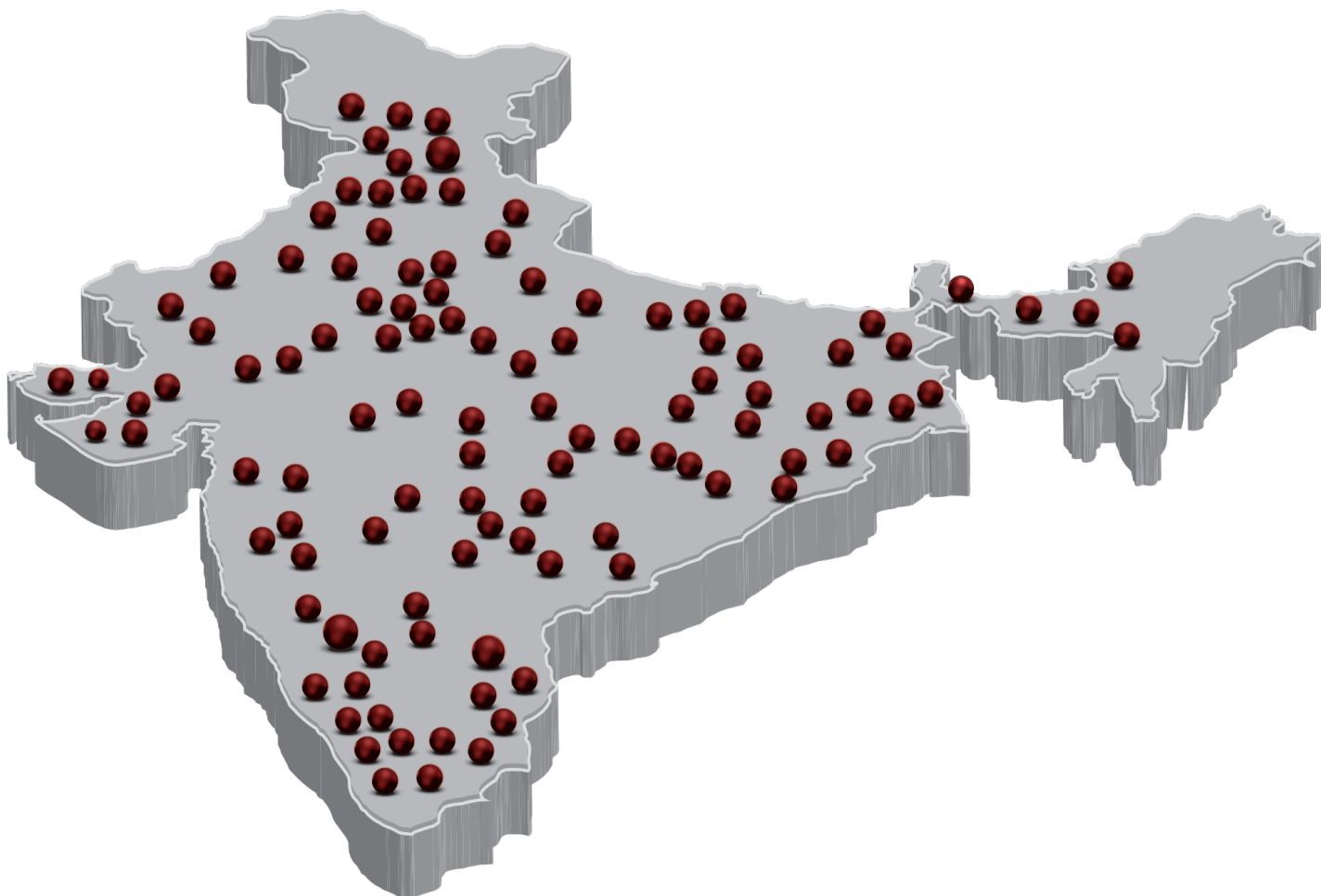


Note: \* Accessories only and not part of Standard fitment.

## Within Reach. No Matter Where You Are.

We believe that the customer's convenience is paramount. Area sales offices in 14 leading cities and a network covering 236 locations mean that you can quickly purchase a BharatBenz truck, whenever and wherever the need arises. We are already setting benchmarks in the Indian trucking industry with well-trained sales staff, highly qualified service personnel, customized services and products and state-of-the-art infrastructure.

We are committed to delivering a superlative experience across the length and breadth of India.



### **Daimler India Commercial Vehicles Pvt. Ltd.**

SIPCOT Industrial Growth Centre, Oragadam, Mathur Post, Sriperumbudur Taluk,  
Kancheepuram District - 602105, Tamil Nadu, India.

Toll Free No. : 1800-120-380380 (Service), 1800-121-380380 (Sales), 1800-120-381381 (Parts)

Website: [www.bharatbenz.com](http://www.bharatbenz.com)



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