



**BHARATBENZ**

Power Ahead

# BLUEPRINT

## MDT TRUCKS

A guide to understanding our business,  
just as much as we understand yours.



# KNOWING WHAT YOU NEED.

**THE FIRST STEP TO ANY DECISION MAKING  
IS DEFINING YOUR REQUIREMENT.**



Tell us the top 3 factors that matter to you when it comes to choosing a truck.



**You may weigh on three, maybe four factors while buying a truck. But we consider twice as much. So no matter what your requirement, we're sure to meet them.**

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**Here's everything that we focus on to make your venture a successful one.**



**Fuel Efficiency**



**Load**



**Turnaround time**



**Uptime**



**Maintenance**



**Comfort and safety**



**Price**



# LET'S TALK ABOUT FUEL EFFICIENCY.

Can you please share your current fuel efficiency? BharatBenz trucks have the best-in-class fuel efficiency, and here's what makes our trucks achieve this.



**Globally proven fuel efficient CRDi engine technology**



**Flat torque curve restricts excess fuel consumption**



**Electronically controlled viscous fans help reduce load on engine**



**Aerodynamic design for reduced air resistance**

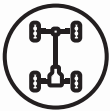


**Optimum gear and rear axle ratio for best fuel efficiency**



# **STRONGER TRUCKS. BIGGER LOADS.**

All our parts are custom built for best load carrying capacity, and here's how we achieve this.



**Heavier and durable chassis that can withstand higher loads**



**Larger diameter of the rear axle shaft increases load carrying capacity multifold**





# SHORTER TURNAROUNDS. HAPPIER CUSTOMERS.

Turnaround times are very important and can heavily impact your customer relationship. Here's how we attain the best turnaround time:



**Higher torque at lower RPM for best pick up**



**High Gradeability**



**Over drive gear box generates higher torque based speed**



**Comfortable cabin for lower driver fatigue**



**Overall homogenic vehicle configuration for lowest discomforts such as vibrations**





## **MAXIMUM UPTIME. MAXIMUM PROFIT.**

Our products are designed for maximum usage for long runs. Here's what makes that happen.



**Heavier and more robust parts to reduce chances of breakdowns**



**Short blasted corrosive resistant chassis with perforations to prevent failures**



**Air-conditioned cabins, pendant type accelerator and brake pedals to reduce driver fatigue**



**24/7 service and maintenance with mobile service vans for faster fault handling**



**Longer service intervals ensures vehicle is up and running for maximum period**



## LOW MAINTAINANCE = LOW COSTS

Our products are your heroes, and you are ours. That's why with our low maintenance trucks you can be assured of lowest costs. Here's how we get it done:



**Minimal greasing points reduces the need for constant maintenance**



**Heavier and larger parts for longer usage without replacement**



**Larger and thicker gears help reduce chance of gearbox failure**



**3 years warranty ensuring tension-free ownership of the products**



**High grade drain oil for longer service interval**







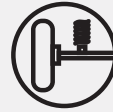
## HAPPY DRIVERS. MAXIMUM UPTIME.



Safety and comfort is very important during long drives to ensure that you get maximum uptime from your driver as well. Here are some of the features that help achieve this:



**Crash tested steel cabin for best safety**



**Standard hydraulic front shock absorbers for vibration free cabin**



**Shorter breaking distance ensures vehicle and driver safety**



**Air-conditioned cabins, pendant type accelerator and brake pedals for a comfortable ride**



## LOW ON COST. HIGH ON RETURNS.

Purchasing price of any product is very important to any consumer. Our total cost of ownership and benefits ensure that the best prices are offered to the consumer.



Fuel efficiency



Maintenance



Reliable parts



Turn around time



Uptime of vehicle



Better driver comfort thus better efficiency



# OUR RANGE OF MEDIUM DUTY TRUCKS

1014R MD IN-POWER



1214R MD IN-POWER



1414R MD IN-POWER



1617R MD IN-POWER



# Technical Specifications

# MD IN-POWER 1014R (4x2)

## Dimensions (mm): All Dimensions are for CBC

Wheel Base	3760	4250	4800
Load body length	5175 (17 ft.)	5785 (19 ft.)	6405 (21 ft.)

## Weight

Gross Vehicle Weight (GVW)	10,600 kg
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## Engine

Model	4D34i
Maximum power	100 kW (140 hp) @ 2500 rpm
Maximum torque	420 Nm @ 1500 - 2000 rpm

## Gearbox

Gearbox model & Type	MO 36 - 6F+1R, Mechanical, Synchromesh gears
Clutch Type, Diameter	Single dry plate, Hydraulic actuated, 330 mm

## Axle

Differential Ratio	4.56
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## Chassis Frame & Suspension

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
Parking Brake	Pneumatically operated spring brake
Wheel Rim & Tyres	6.75 x 17.5 & 235/75 R 17.5, 14PR

## Steering & Cabin

Steering Type	Hydraulic Power assisted
Cabin	A/C Day cabin, Tilttable

## Fuel Tank & Electricals

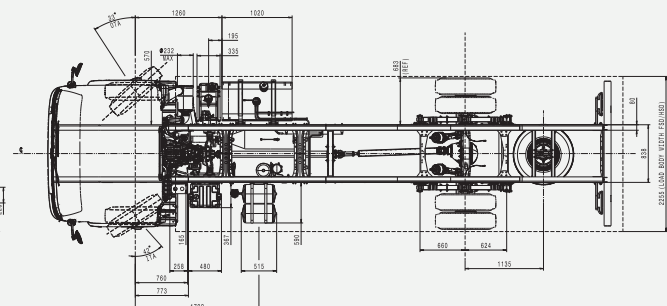
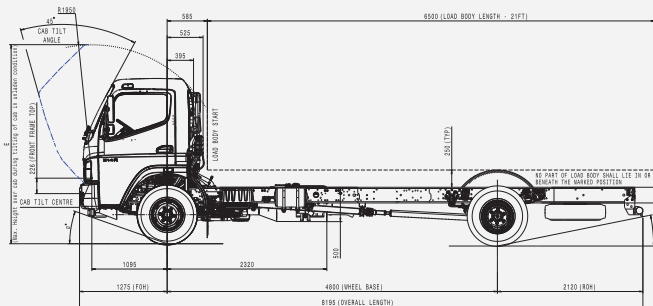
Fuel Tank	200 litres
Ad-Blue Tank	27 litres
Voltage	24 V Electrical System
Battery Capacity	2 x 12 V, 75 Ah

## Performance

Maximum Gradeability	24.5%
Minimum Turning Circle Diameter	13.8 m      15.7 m      17.6 m

## Configuration

Load body option	Fixed side deck, High side deck & Drop side deck
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# Technical Specifications

# MD IN-POWER 1214R (4x2)

## Dimensions (mm): All Dimensions are for CBC

Wheel Base	3760	3760	4250
Load body length	4440 (14.6 ft.)	5175 (17 ft.)	5785 (19 ft.)

## Weight

Gross Vehicle Weight (GVW)	13000 kg
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## Engine

Model	4D34i
Maximum power	100 kW (140 hp) @ 2500 rpm
Maximum torque	420 Nm @ 1500 - 2000 rpm

## Gearbox

Gearbox model & Type	G 85 - 6F+1R, Mechanical, Synchromesh gears
Clutch Type, Diameter	Single dry plate, Hydraulic control with clutch booster, 362 mm

## Axle

Differential Ratio	6.33	6.33	5.13
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## Chassis Frame & Suspension

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
Parking Brake	Pneumatically operated spring brake
Wheel Rim & Tyres	6.50 x 20 & 8.25 R 20 - 16 PR

## Steering & Cabin

Steering Type	Hydraulic Power assisted
Cabin	A/C Day cabin, Tilttable

## Fuel Tank & Electricals

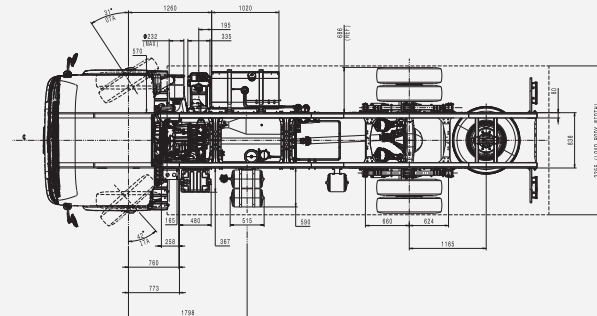
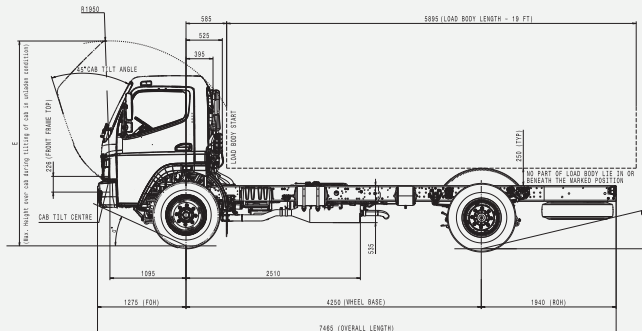
Fuel Tank	200 litres
Ad-Blue Tank	27 litres
Voltage	24 V Electrical System
Battery Capacity	2 x 12 V, 75 Ah

## Performance

Maximum Gradeability	27.5%	27.5%	21.8%
Minimum Turning Circle Diameter	14.8 m	14.8 m	16.7 m

## Configuration

Load body option	Fixed side deck, Drop side deck & High side deck
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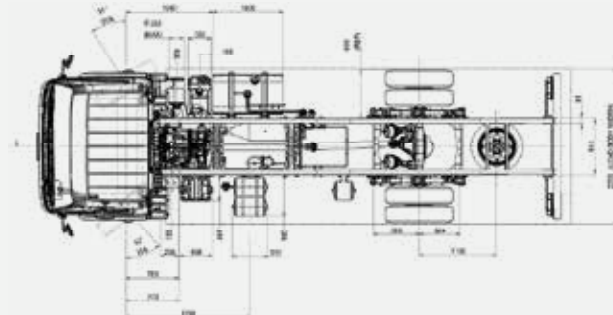
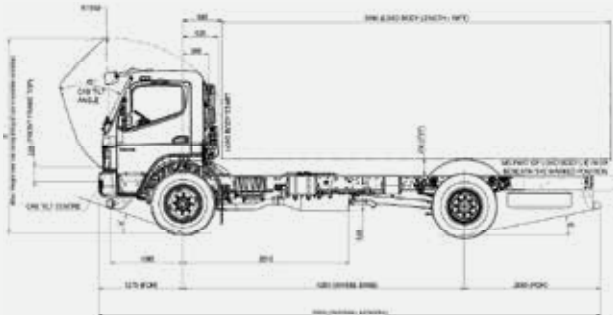


# Technical Specifications

# MD IN-POWER 1414R (4x2)

Dimensions (mm): All Dimensions are for CBC				
Wheel Base	3760	3760	4250	4800
Load body length	4440 (14.6 ft.)	5175 (17 ft.)	5785 (19 ft.)	6615 (22 ft.)
Weight				
Gross Vehicle Weight (GVW)				14050 kg
Engine				
Model				4D34i
Maximum power	100 kW (140 hp) @ 2500 rpm			
Maximum torque	420 Nm @ 1500 - 2000 rpm			
Gearbox				
Gearbox model & Type	G 85 - 6F+1R, Mechanical, Synchromesh gears			
Clutch Type, Diameter	Single dry plate, Hydraulic control with clutch booster, 362 mm			
Axle				
Differential Ratio	6.33	6.33	5.13	5.13
Chassis Frame & Suspension				
Front Suspension	Semi-elliptic leaf spring with shock absorbers			
Rear Suspension	Semi-elliptic laminated leaf spring			
Anti-roll Bar	Optional (front & rear)			

Brake & Tyres				
Service Brake	Pneumatic, Foot operated, Dual line ( with ABS )			
Parking Brake	Pneumatically operated spring brake			
Wheel Rim & Tyres	6.50 x 20, 8.25 R20 - 16 PR			
Steering & Cabin				
Steering Type	Hydraulic Power assisted			
Cabin	A/C Day cabin, Tilttable			
Fuel Tank & Electricals				
Fuel Tank				200 litres
Ad-Blue Tank				27 litres
Voltage				24 V Electrical System
Battery Capacity				2 x 12 V, 75 Ah
Performance				
Maximum Gradeability	24.9%	24.9%	19.8%	19.8%
Minimum Turning Circle Diameter	14.8 m	14.8 m	16.7 m	18.7 m
Configuration				
Load body option	Fixed side deck, High side deck & Drop side deck			



# Technical Specifications

# MD IN-POWER 1617R (4x2)

## Dimensions (mm): All Dimensions are for CBC

Wheel Base	5100	5900	6700
Load Body Length	5985 (20 ft.)	7200 (24 ft.)	9550(31 ft.)

## Weight

Gross Vehicle Weight (GVW)	16,200 kg
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## Engine

Model	4D34i
Maximum Power	125 kW (170 hp) @ 2500 rpm
Maximum Torque	520 Nm @ 1500 - 2000 rpm

## Gearbox

Gearbox Model & Type	G85 - 6F+1R, Mechanical, Synchromesh Gears
Clutch Type, Diameter	Single dry plate, Hydraulic control with clutch booster, 362 mm

## Axle

Differential Ratio	5.57
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## Chassis Frame & Suspension

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
Parking Brake	Pneumatically operated Spring brake
Wheel Rims & Tyres	7.50 x 20, 10.00 R 20 - 16PR

## Steering & Cabin

Steering Type	Hydraulic Power assisted
Cabin	A/C Sleeper Cabin with Berth, Tiltable

## Fuel Tank & Electrical

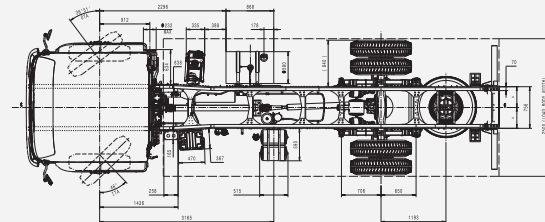
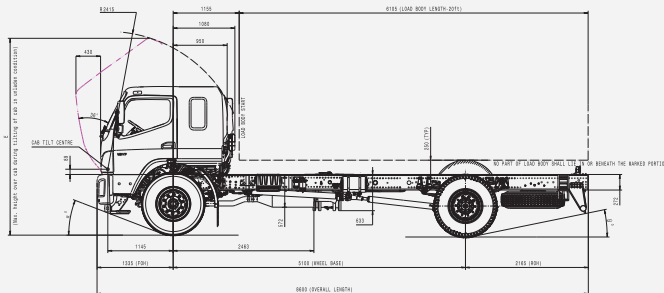
Fuel Tank	200 litres
Voltage	24 V Electrical System
Battery Capacity	2 x 12 V, 75 Ah

## Performance

Maximum Gradeability	22%
Minimum Turning Circle Diameter	17.1 m      19.8 m      22.6m

## Configuration

Load Body Option	Fixed Side Deck & High Side Deck
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**THANK YOU**