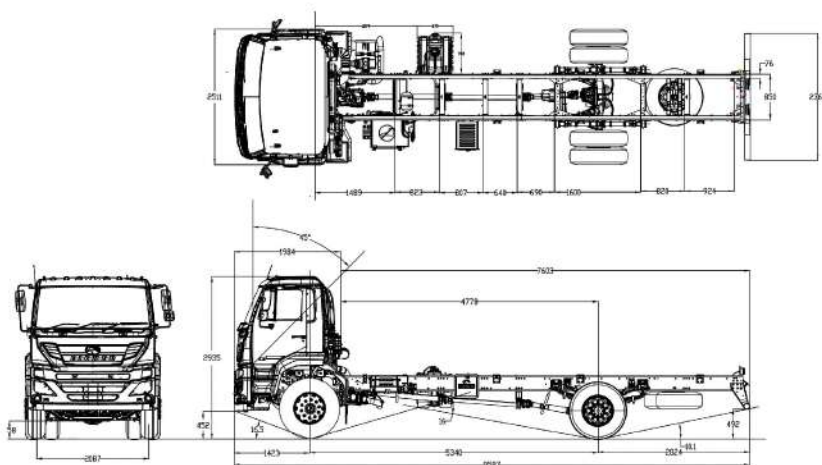


Eicher Pro 6016
The 16T GVM Heavy Duty Freight Carrier



VE COMMERCIAL VEHICLES
A VOLVO GROUP AND EICHER MOTORS JOINT VENTURE

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Eicher Pro 6016
The 16T GVM Heavy Duty Freight Carrier

TRUCKS AND BUSES

**BORN
EFFICIENT**



**VOLVO GROUP ENGINE
MANAGEMENT SYSTEM 3.0**

**CABIN ADAPTED FROM JAPANESE DESIGN,
MEETS AIS 029 SAFETY STANDARDS**

EICHER GO PRO

SUPERIOR UPTIME

BUILT TO LAST ROBUST AGGREGATES

Global technology coupled with advanced design and manufacturing processes ensures highly reliable and durable aggregates, translating into unmatched L10 life. The use of higher strength, lower weight composite materials derive maximum life from each component which makes sure the truck is on road and available for work.



DOMEX CHASSIS

- Chassis with high tensile strength (650 mpa).
- All long members and cross members are CED painted for long life.

ADVANCED ON BOARD DIAGNOSTICS

Advanced diagnostics system throws up fault indicators to the driver in the form of visual signals, messages and alarms to check for probable causes and take corrective action. Together with the fully equipped Eicher service network, preventive and corrective maintenance of the tipper is ensured, thus delivering superior uptime.

ENGINE THAT PROTECTS ITSELF

- EPS - Protection against engine overheating due to low oil pressure, high coolant temperature, fuel leak etc.
- Downhill RSL protection
- FIE components protection
- Starter Motor protection

TRANSMISSION

- 325mm diameter clutch
- E770 6 speed gearbox
- Maximum gradeability of 34.5 %

PROPELLER SHAFT

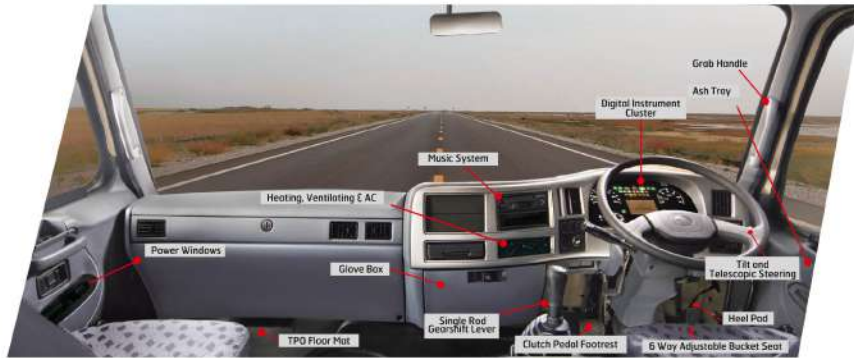
- Cross-serrated shaft
- Lubricated for life for a maintenance free operation

REAR AXLE

- Fully floating Banjo type axle
- Final Drive Ratio optimized at 5.29 for maximizing torque at wheels output

*The image shown is just a representative of the actual aggregates

CABIN ADAPTED FROM JAPANESE DESIGN FOR COMFORT, SAFETY & EFFICIENCY



ACTIVE & PASSIVE SAFETY FEATURE



INTELLIGENT DRIVER INFORMATION SYSTEM (IDIS)

The IDIS provides live information to the driver on truck operational parameters, fuel consumption and advanced diagnostics. The information is relayed through tell-tale icons and audible alarms which the driver can easily understand and process. This ensures safe and efficient driving, with preventive vehicle maintenance, leading to minimum drive interruptions. Detailed fuel data, including instantaneous fuel value, average fuel consumption and distance to empty are also shown.



TECHNICAL SPECIFICATION

Eicher Pro 6016 The 16T GVM Heavy Duty Freight Carrier

Model	Pro 6016	Suspension	
Vehicle Weight (Kgs)		Front Suspension	Semi elliptical leaf springs with double acting telescopic shock absorber & Anti-roll bar
GVM	16000	Rear Suspension	Semi elliptical laminated leaf springs
FAW (laden)	7000	Wheels & Tyres	
RAW (laden)	9000	Tyre Size	Tubeless radial 295/80R22.5-16PR
Kerb weight - w/o load body	5930	Wheel Rim size	8.25X22.5
Engine		Cabin	
Model	VEDX5, 4 Cylinder 4 Valve per cylinder, turbo charged, intercooled diesel, common rail	2.3 m Day cab (Premium)	
Capacity	5100 cc	Model	New Pro 6016 HVAC CAB with IDIS
Max Power	210 Hp @ 2200 rpm	Brakes	
Max Torque	825 Nm @ 1200-1600 rpm	Brake type	Dual Circuit, Full Air
Emission	Euro III	Parking brake type	Pneumatic Control, hand operated
Transmission		ABS	Standard
Gear Box	ET70S6 (6 Forward 1 Reverse)	Electrical	
Gear Shift Linkage	Single Rod GSL	Battery	24V,150AH
Clutch		Fuel Tank	
Clutch	395 mm Plate Dia, spring loaded push type	Size	220 litres
Rear Axle		Performance	
Rear Axle Ratio	5.286	Max Speed (kmph)	110
Chassis Frame		Gradeability	34.5%
Type	Ladder type joggle frame	Vehicle Dimensions (mm)	
Section	285 X 76 X 7	Wheel Base	5340
Steering System		FOH	1423
Type	Power steering	RDH	2824
TCD (M)	18	Cabin Width	2300
		Ground Clearance	230