



## Eicher Pro 8035XM, 35T GVW 8x4 Mining Tipper

### TECHNICAL SPECIFICATIONS

#### Engine

Six cylinder in-line diesel engine with four valves per cylinder  
 Electronically controlled common rail fuel injection system  
 Heavy duty turbocharger and intercooler  
 Engine Management System with driving information & diagnostics

<b>Model</b>	VEDX8 BSVI
<b>Displacement</b>	7.7 litre
<b>Max Power</b>	350 hp @ 2200 rpm
<b>Max Torque</b>	1350 Nm @ 1200 – 1600 rpm
<b>EATS Technology</b>	(EGR) + SCR

#### Clutch

Single Plate – Pull type, booster assisted, 430 mm diameter

#### Gearbox

Manual, synchronized 9S gearbox with 8 forward, 1 crawler, 1 reverse gear

#### Axles

<b>Front Axle</b>	Twin heavy duty forged I - beam Reverse Elliot type axle
<b>Rear Axle</b>	Hub reduction tandem axle with 5 planetary gears with inter-wheel & inter-axle differential locks
<b>Ratio</b>	6.37

#### Suspension

<b>Front</b>	Parabolic suspension with double acting shock absorbers & anti roll bar
<b>Rear</b>	Heavy duty Bogie suspension with Upward U bolt

#### Wheels & Tyres

<b>Tyres</b>	Front : 12x20 Mining Rear : 12x20 Mining
<b>Wheel rim size</b>	8.5 x 20

#### Chassis

'C' channel section; long members made of high strength DOMEX steel and Chassis cross section 300mm x90mm x8mm with Full Reinforcement of 5 mm from end of engine to end of frame

#### Steering

Hydraulic power steering with tilt and telescopic function

#### Service Brakes

Service Brake - Pneumatic Foot Operated, Dual Line with ABS  
 Parking Brake – Pneumatically Operated, Hand control Valve  
 Auxillary parking brake - Exhaust brake

#### Fuel Tank

<b>Fuel Tank</b>	315 L , Steel fuel tank
<b>Ad Blue Tank</b>	50 L, Polymer tank

#### Electricals

New improved electrical architecture

<b>System Voltage</b>	24 V
<b>Battery Voltage</b>	2 x 12 V
<b>Battery Capacity</b>	120 Ah
<b>Alternator Capacity</b>	90A

# TECHNICAL SPECIFICATIONS

## Cabin

Fully suspended, Aerodynamic design, hydraulically tilt-able cabin with AC & Sleeper berth.

Crash tested steel welded structure meeting ECE R 29 norms

**Accommodation** 1 driver + 1 co driver

**Cabin tilt angle** 58 degree

## Interiors

Ergonomically designed dashboard with easy access switches and controls

New instrument cluster with advanced features like fuel coaching and intelligent Driver information alerts

Comfortable mechanical suspended driver seat with 6 way adjustment and Cushioned co-driver driver seat

Seat belt with Reminder,

## Exterior

Heavy duty 3 piece steel bumper, Radiator & Engine Sump protection guard, All side mirrors

## Standard Features

Engine brake, DGMS

## Telematics

Advanced inbuilt Eicher LIVE system with Uptime, fuel and trip management services

## Tools & Accessories

Standard tool kits, first aid kit, two warning triangles, fuse kit, Hydraulic Jack

## Dimensions

<b>Wheelbase (mm)</b>	5285	5285
<b>Load Body Type</b>	23 Box	18 Scoop
<b>Overall Length (mm)</b>	9090	8925
<b>Overall Width (mm)</b>	2590	2590
<b>Overall Height (mm)</b>	3752	3752
<b>Ground Clearance (mm)</b>	308	308

## Performance

<b>Max Speed</b>	82 kmph
<b>Grade-ability</b>	75% (Crawler)
<b>Turning Circle Dia</b>	21.1m

## Major Applications

Coal, Coal OB, Limestone, Iron-ore, Stone Quarry, Irrigation, Road work

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\*Accessories, colors and features shown in the picture or elsewhere may not constitute standard fitment.

As a result of continuous research and innovation carried out, specifications are merely indicative and are subject to change without notice.