BEIBEN PRIME MOVER 6x4

HEAVY DUTY TRACTOR HEAD – 460 HP

REFERENCE: 3451
AFRICA & WORLDWIDE EXPORT

ENGINE POWER	CONFIGURATION	ENGINE CAPACITY
460 HP / 338 kW	**6x4 Drive Line**	**11.6L Turbo Diesel**

GENERAL SPECIFICATIONS & OVERVIEW

Make & Model	BEIBEN Heavy Duty Prime Mover
Transautomobile Reference	3451
Model Year	2026 (Brand New)
Emission Standard	Euro 3 (Optimized for high-sulfur fuel environments)
Cab Type	Left-Hand Drive (LHD) - 2 Doors / 2 Seats / Sleeper Bunk
Curb Weight	8,800 kg
Overall Dimensions	L 6.90 m × W 2.50 m × H 3.40 m
Recommended Application	Long-haul heavy transport, regional freight, severe off-road tracks

POWERTRAIN & ENGINE PERFORMANCE

Displacement	11,600 cc (11.6 Liters)
Engine Architecture	In-line 6-cylinder, Turbocharged with Intercooler
Transmission Type	Heavy Duty Manual Transmission (High gear reduction ratio)
Injection System	Heavy-duty mechanical / direct injection for export markets
Cooling System	Tropicalized high-capacity cooling package

Mercedes-Benz Technology & Industrial Ruggedness

Beiben Heavy Duty tractor heads are engineered using Mercedes-Benz chassis and axle technology licenses. Delivering outstanding reliability under extreme operating conditions, Model 3451 combines a high-tensile steel frame structure with a proven manual transmission, ensuring minimal maintenance costs and maximum uptime on harsh terrain.

CHASSIS, BRAKES & RUNNING GEAR

Axle Configuration	6x4 (Double driven rear hub-reduction axles)
Tires	12.00R20 (Heavy-duty radial tires for off-road/highway use)
Wheel Rims	Heavy-duty 20-inch steel rims
Front Suspension	Parabolic / semi-elliptic leaf springs with shock absorbers
Rear Suspension	Reinforced multi-leaf tandem suspension for heavy payloads
Braking System	Dual-circuit pneumatic brakes + exhaust engine brake

CAB COMFORT & SAFETY FEATURES

Cab Design	Forward control cab, tiltable with air/hydraulic suspension
Driver Station	Adjustable steering wheel, ergonomic dashboard layout
Seating & Sleeping	Suspended driver seat, passenger seat + rear sleeper berth
Air Conditioning	Heavy-duty tropical climate air conditioning system
Visibility & Lighting	Reinforced halogen headlights, wide-angle maneuvering mirrors

EXPORT OPTIONS & ALL-TERRAIN ADAPTATIONS

- **Underbody & Chassis Protection:** Reinforced anti-corrosion coating and engine sump guard for damaged roads.
- **Fuel Filtration System:** Heavy-duty PRE-FILTER with water separator for variable fuel qualities.
- **Fifth Wheel Coupling:** Heavy-duty fifth wheel (50# / 90#) suitable for flatbed, tanker, or tipper semi-trailers.
- **Electrical System:** High-capacity 24V heavy-duty battery setup with emergency main isolator switch.
- **Tropicalization Package:** Oversized engine radiator and optional oil-bath air pre-cleaners.

TRANSAUTOMOBILE LOGISTICS & EXPORT SERVICES

SHIPPING & TRANSIT

Ro-Ro or Flat Rack container worldwide shipping to major African and global ports.

SPARE PARTS

Full supply of original OEM spare parts and maintenance kits upon request.