

Road Construction Motor Grader

This motor grader is designed for precision grading and leveling tasks. It features an adjustable blade and articulated frame for maneuverability.



ADDITIONAL IMAGES



Overview



Heavy-duty motor grader designed for road construction, maintenance, and land leveling with precise hydraulic controls.

High-Performance Motor Grader

This heavy-duty motor grader is engineered for precision grading, leveling, and earthmoving operations in demanding construction environments. Featuring a robust diesel engine and an articulated frame, it delivers exceptional torque and maneuverability for road construction and site development projects. The machine includes a highly adjustable moldboard and advanced hydraulic controls, ensuring superior surface preparation accuracy and operational efficiency.

Engine & Performance

Rated Power

220 hp

Rated Power

2400 rpm

Rated Speed

Engine Specifications

- Certified capacity: 6.75L
- Minimum fuel consumption rate: d230g/(kw.h)

Dimensions

Overall Dimensions

Dimension	Value
LxWxH	8900x2700x3500mm
Wheelbase	6840mm
Wheel tread	1685mm
Rear axle wheelbase	1650mm

Ground Clearance

560 mm
Front Axle

500 mm
Rear Axle

Blade & Grading



The motor grader features a large, adjustable blade and heavy-duty tires for optimal traction and precision grading.

Blade Specifications

- Blade Length: 4256mm
- Blade Size (LxHxT): 4256x590x20mm
- Cutter Diameter: 1500mm
- Cutting Depth: 360mm
- Ground Clearance: 450mm

Blade Movement Capabilities

360° Swing Angle, Forward 47° / Backward 5° Inclination, Left 600mm / Right 600mm Sliding Range

Operational Parameters

Steering & Maneuverability

- Max swinging angle of front axle: $\pm 16^\circ$
- Max steering angle of front wheel: $\pm 45^\circ$
- Steering angle of articulated frame: $\pm 25^\circ$

Overall Weight

16500 kg

Hydraulic & Capacities

Fill Capacities

220 L
Fuel Tank

140 L
Hydraulic Oil

Hydraulic System

Open-type system