

# 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