

Heavy-Duty Motor Grader

This motor grader is equipped with a reliable engine and a power-shift transmission for easy operation. Its hydraulic system and articulated frame enable it to complete heavy-duty work across a wide working range.



Overview

Heavy-Duty Motor Grader

This heavy-duty motor grader is engineered for high-performance earthmoving, road construction, and site preparation tasks. Powered by a robust Cummins engine, it delivers exceptional torque and grading precision, ensuring efficiency in demanding environments. With an operating weight of 28,000kg and advanced hydraulic capabilities, this machine provides the stability and power required for large-scale leveling and grading operations.

Engine Performance

Engine Model	Cummins QSM11-C360
Rated Output	268 kW
Rated Speed	2100 r/min
Maximum Torque	1830 N.m
Engine Features	EFI, Turbocharger, Air-to-air cooling, Temperature control independent cooling system

Dimensions

Machine Dimensions

Parameter	Value
Length	12500mm
Width	3300mm
Height (to cab top)	3700mm
Wheelbase	7760mm
Tread	2650mm
Min. Turning Radius	9000mm

Technical Specifications

Blade Specifications

4920 mm

Blade Length

695 mm

Blade Height

25 mm

Blade Thickness

Grading Capabilities

- Max. lift above ground: 515mm
- Max. grading depth: 735mm
- Max. shoulder reach (Left): 2260mm
- Max. shoulder reach (Right): 1950mm

Traveling Speed (Forward)

- 5.4 km/h
- 8.2 km/h
- 12.7 km/h
- 19.3 km/h
- 27.5 km/h
- 41 km/h

Operating Weight

28000 kg