

# GR215A Motor Grader

The GR215A motor grader is a robust construction machine designed for leveling and grading surfaces. Its articulated frame enhances maneuverability, making it suitable for road construction and site preparation.



## Overview

### Heavy-Duty Motor Grader

The GR215A motor grader is a robust construction machine engineered for high-precision leveling and grading tasks. Featuring a powerful engine and an articulated frame, it offers exceptional maneuverability and tractive force for demanding road construction and site preparation projects. Its advanced hydraulic system allows for fine-tuned control of the moldboard, ensuring efficient material redistribution and surface finishing.

## Basic Specifications

### Rated Power

**164 kW**

Engine 1

**160 kW**

Engine 2

Engine Models	QSB6.7, 6CTA8.3
Operating Weight	16100 kg
Dimensions (LxWxH)	9180x2625x3300mm

## Performance

### Travel Speeds

Direction	Speeds (km/h)
Forward	5, 8, 11, 19, 23, 38
Reverse	5, 11, 23

Tractive Force	82 KN
Max Gradeability	20 %

## Hydraulics and Steering

### Steering and Oscillation Angles

- Front wheel steering:  $\pm 50^\circ$
- Front wheel lean:  $\pm 17^\circ$
- Front axle oscillation:  $\pm 15^\circ$
- Frame articulation:  $\pm 27^\circ$

Working Hydraulic Pressure	16 MPa
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## Blade Specifications

### Blade Performance

- Max lift above ground: 450mm
- Max cutting depth: 500mm
- Blade position angle: 90°
- Circle rotation: 360°

### Moldboard Dimensions

4270 x 610 mm