

XCMG GR-215 MOTOR GRADER



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CUMMINS diesel engine (Tier3), low noise, low emission. Electronic-hydraulic control power shift gearbox is used. The rear axle is three stage equipped with no-spin differential locking device creating steady and reliable driving. Fitted with a ROPS & FOPS cabin with electric wipers, mist eliminator and cold and warm air-conditioner.

The blade has the function of float protection to buffer the impact. The hydraulic system has load transmit and turning priority, cooperating with the front axle with single cylinder and large turning angle, articulated frame, with front-wheel steering, ensuring small turning radius and more manoeuvrability.

Basic Specification

Engine model	6CTAA8.3 6CTA8.3
Rated power/speed	153kW/2200rpm 160kW/2200rpm
Dimension(LxWxH)	8970×2625×3470mm
Operating weight(Standard)	16500kg

Performance Specification

Travelling speed ,forward	5,8,11,19,23,38 km/h
Travelling speed ,reverse	5,11,23 km/h
Tractive force(f=0.75)	82KN
Max. gradeability	20%
Tire inflation pressure	260 kPa
Working hydraulic pressure	16 MPa
Transmission pressure	1.3~1.8MPa

Operating Specification

Max. steering angle of front wheels	±50°
Max. lean angle of front wheels	±17°
Max. oscillation angle of front axle	±15°
Max. oscillation angle of balance box	15
Frame articulation angle	±27°
Min. turning radius using articulation	7.3m

Blade

Maximum lift above ground	450mm
Maximum depth of cutting	500mm
Maximum blade position angle	90°
Blade cutting angle	28°—70°
Circle reversing rotation	360°
Moldboard width X height	4270×610mm