

GR100

Motor Grader



The XCMG GR100 motor graders are primarily committed to operations as ground leveling, trenching, cutting surface, dozing, soil loosening and snow plowing of roads, airports, farmlands and others. They are the exclusive and needful construction machinery for national defense engineering, mine construction, building of town and country roads, water conservancy construction, farmland improvement and etc



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Performance and characteristic

New appearance design.

The articulation frame is adopted and matched with the steering of the front wheel, with small turning radius, maneuvering and flexible.

The electro-hydraulic controls the power shift gearbox, with 6 ahead gears and 3 back gears.

The international matching hydraulic parts are adopted, with reliable operation. The motions of the blade are fully hydraulically controlled.

The three-section driving axle is equipped with a self-locking differential mechanism.

The adjustable manipulation table and seats and reasonable arrangement of manipulating handle and instruments lead to convenient application and improved comfort of driving.

The cab is grand and nice, with wide eyeshot and good sealing. additional alternative installation includes bulldozing plate, real scarification device, front scarification harrow and automatic leveling device.

Main Specification

Engine	
Model	4BT3.9
Rated Power / Rated Speed	75/2400kw/rpm
Dimension(LxWxH)	6880×2375×3150mm
Operating weight(Standard)	7000kg
Performance specification	
Travelling speed ,forward	5,10,20,39km/h
Travelling speed ,reverse	8,25km/h
Tractive force(f=0.75)	41.6KN
Max. gradeability	20%
Tire inflation pressure	350KPa
Working hydraulic pressure	16MPa
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°
Frame articulation angle	±27°
Min. turning radius using articulation	5.9m
Blade	
Maximum lift above ground	300mm
Maximum depth of cutting	350mm
Maximum blade position angle	45°
Blade cutting angle	28°~70°
Circle reversing rotation	120°
Moldboard width X height	3048×500mm

THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONS. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.

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