



D series motor grader

GR215

Introduction :

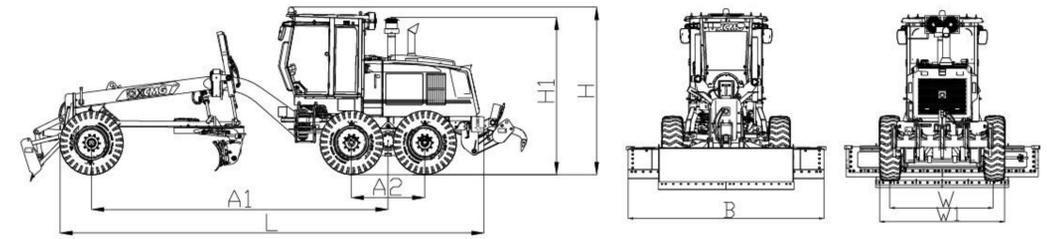
The grader is mainly used for large ground surface leveling, ditching, slope scraping, bulldozing, scarifying, snow removing and other work in highway, airport and farmland. The grader is necessary engineering machinery for national defense construction, mine construction, urban and rural road construction, water conservancy construction and farmland improvement, etc.

Standard Details:

- Adjustable console
- LED work lights
- Suspension safety belts seat
- Electric horn
- Reversing alarm
- Combination instrument
- Rotating alarm light
- Slewing bearing
- Overload protection worm gear case

Option Details:

- Front bulldozer
- Back ridger
- Hydraulic pull pin
- Fender
- ROPS&FOPS cab
- Automatic leveling system



Dimensions in mm:

	A1	A2	B	H	H1	L	W	W1
GR215	6219	1538	3965	3420	3160	8900	2156	2625

Technical Data :

Basic parameters

Engine model.....		GR215
Rated power/Rotation rate.....	r/min	6CTA8.3-C215- II 160/2200
Complete machine appearance dimensions (standard).....	mm	8970×2625×3420
Complete machine weight (standard).....	kg	16500
Tire specifications.....		17.5-25RP12
Ground clearance (front axle).....	mm	430
Wheelbase.....	mm	2156
Front and behind bridge distance.....	mm	6219
Middle and behind wheelbase.....	mm	1538

Performance parameters

Forward speed.....	km/h	5、 8、 11、 19、 23、 38
Backward speed.....	km/h	5、 11、 23
Traction.....	kN	≥87
Maximum climbing capacity.....	%	≥25
Tire inflation pressure.....	kPa	260
Operating system pressure.....	MPa	18
Transmission pressure.....	MPa	1.3-1.8

Operating parameters

The maximum steering angle of the front wheel.....	°	±49
The maximum tilt angle of the front wheel.....	°	±17
The maximum swing angle of front axle.....	°	±15
The maximum swing angle of the balance box.....	°	Front 15 °, rear 15 °
The maximum steering angle of the frame.....	°	±27
Minimum turning radius.....	m	7.3
Maximum lifting height.....	mm	450
Maximum shovel depth.....	mm	500
Maximum lean angle.....	°	90
Cutting angle.....	°	28~70
Rotating angle.....	°	360
Length x chord height.....	mm	3965×610

Oil filling

Coolant.....	L	50
Fuel tank.....	L	280
Engine.....	L	24
Transmission.....	L	38
Balance box.....	L	46
Drive axle.....	L	28
Hydraulic oil.....	L	110