

Road Construction & Maintenance Machinery



GR2003 Motor Grader



- **Product Category:** Road Machinery
- **Brand:** XCMG
- **Model:** GR2003
- **Price:** \$100000.00-\$1000000.00 / EA
- **Delivery Time:** 1-90DAYS
- **Supply Capacity:** 1-500UNITS / Year
- **Product Origin:** China
- **After-sales Service:** Engineers available to service machinery overseas.

Product Feature of GR2003 Motor Grader

The GR2003 motor grader is mainly used for ground leveling, ditching, slope scraping, bulldozing, scarification, snow removal for large areas such as highway, airports, farmlands etc. It is the necessary construction machinery for national defense construction, urban and rural road construction and water conservancy construction, farmland improvement and so on.

Parameters of GR2003 Motor Grader

Description	Unit	Parameter value
Engine model		SC9DK200.1G3
Rated power/speed	kW/rpm	147/2200
Overall dimension (standard)		8900x2625x3420
Total weight (standard)	kg	16000
Tire specification		17.5-25
Ground clearance (front axle)	mm	430
Tread	mm	2156
Space of front and rear axles	mm	6219
Space of middle and rear wheels	mm	1538
Forward velocity	km/h	5/8/11/19/23/38
Reverse speed	km/h	5/11/23
Tractive effort $f=0.75$	kN	82
Maximum gradeability	%	25
Tire inflation pressure	kPa	260
Working system pressure	MPa	20
Transmission pressure	MPa	1.3—1.8
Maximum steering angle of front wheel		$\pm 48^{\circ}$
Maximum slant angle of front wheel		$\pm 17^{\circ}$
Maximum oscillating angle of front axle		$\pm 15^{\circ}$
Maximum oscillating angle of equilibrium box		Front 15° 、Rear 15°

Maximum steering angle of frame			±27°	
Minimum turning radius		m	7.3	
Scrape knife	Maximum lift height	mm	400	
	Maximum cutting depth	mm	500	
	Maximum tilt angle		90°	
	Cutting angle		28°—70°	
	Angle of revolution		360°	
	Length & chord height	mm	4270x610	
Coolant		L	50	
Fuel tank		L	280	
Engine		L	24	
Transmission		L	38	
Hydraulic oil		L	110	
Drive axle		L	28	
Balancing box		L	46	