

Road Construction & Maintenance Machinery



GR1003 Motor Grader



- **Product Category:** Road Machinery
- **Brand:** XCMG
- **Model:** GR1003
- **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 GR1003 Motor Grader

The GR1003 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 GR1003 Motor Grader

Item		Unit	GR1003
Basic parameters	Engine model		WP4.1
	Rated power/speed	kW/rpm	75/2200
	Overall dimension(standard)	mm	7130 x 2375 x 3150
	Total weight(standard)	kg	7500
	Tire specification		16/70-24/13.00-24
	Ground clearance	mm	550
	Tread	mm	1900
	Space of front and rear axles	mm	5135
	Space of middle and rear wheels	mm	/
Performance parameters	Forward velocity	km/h	5、 8、 11、 17、 24、 38
	Reverse speed	km/h	5、 11、 24
	Tractive effort f=0.75	kN	≥39
	Maximum gradeability	%	≥25
	Inflation pressure of tires	kPa	300
	Working system pressure	MPa	16
	Transmission pressure	MPa	1.3-1.8
Working parameters	Maximum steering angle of front wheels	°	±49
	Maximum inclination angle of front wheels	°	±17
	Maximum swing angle of front axle	°	±15
	Maximum swing angle of balance box	°	±16

	Maximum steering angle of frame		°	±27
	Maximum turning radius		m	6
	Blade	Maximum lifting height	mm	310
		Maximum shoveling depth	mm	350
		Maximum lateral inclination angle	°	45
		Cutting angle	°	28-70
		Slewing angle	°	120
		Length x chord height	mm	3048 x 450
Oil filling amount	Coolant		L	50
	Fuel tank		L	260
	Engine		L	18
	Transmission		L	26
	Balance box		L	/
	Drive axle		L	28
	Hydraulic oil		L	89