

Road Construction & Maintenance Machinery



GR1803 Motor Grader



- **Product Category:** Road Machinery
- **Brand:** XCMG
- **Model:** GR1803
- **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 GR1803 Motor Grader

The GR1803 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 GR1803 Motor Grader

	Item	Unit	GR1803
Basic parameters	Engine model		SC7H190.1G3
	Rated power/speed	kW/rpm	140/2000
	Overall dimension(standard)	mm	8900 x 2625 x 3420
	Total weight(standard)	kg	15400
	Tire specification		17.5-25
	Ground clearance	mm	430
	Tread	mm	2156
	Space of front and rear axles	mm	6219
	Space of middle and rear wheels	mm	1538
Performance parameters	Forward velocity	km/h	5、 8、 11、 19、 23、 38
	Reverse speed	km/h	5、 11、 23
	Tractive effort $f=0.75$	kN	≥ 79
	Maximum gradeability	%	≥ 25
	Inflation pressure of tires	kPa	260
	Working system pressure	MPa	20
	Transmission pressure	MPa	1.3-1.8
Working parameters	Maximum steering angle of front wheels	°	± 48
	Maximum inclination angle of front wheels	°	± 17
	Maximum swing angle of front axle	°	± 15

	Maximum swing angle of balance box		°	front 15, rear 15
	Maximum steering angle of frame		°	±27
	Maximum turning radius		m	7.3
	Blade	Maximum lifting height	mm	400
		Maximum shoveling depth	mm	500
		Maximum lateral inclination angle	°	90
		Cutting angle	°	28-70
		Slewing angle	°	360
		Length x chord height	mm	3660 x 610
Oil filling amount	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