

Road Construction & Maintenance Machinery



GR165 Motor Grader



- **Product Category:** Road Machinery
- **Brand:** XCMG
- **Model:** GR165
- **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 GR165 Motor Grader

The 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 GR165 Motor Grader

	Item	GR165
Basic parameters	Engine model	6BTA5.9-C180- II
	Rated power/speed	130kW/2200rpm
	Overall dimension (standard)	8900x2625x3470
	Total weight (standard)	15000kg
	Tire specification	17.5-25
	Ground clearance (front axle)	430mm
	Tread	2156mm
	Space of front and rear axles	6219 mm
Performance parameters	Forward velocity	5、8、11、19、23、38km/h
	Reverse speed	5、11、23km/h
	Tractive effort $f=0.75$	77kN
	Maximum gradeability	25%
	Tire inflation pressure	260kPa
	Working system pressure	16MPa
	Transmission pressure	1.3—1.8Mpa
Working parameters	Maximum steering angle of front wheel	$\pm 50^{\circ}$
	Maximum slant angle of front wheel	$\pm 17^{\circ}$
	Maximum oscillating angle of front axle	$\pm 15^{\circ}$
	Maximum oscillating angle of equilibrium box	$\pm 15^{\circ}$
	Maximum steering angle of frame	$\pm 27^{\circ}$

	Minimum turning radius		7.3m
	Scrape knife	Maximum lift height	450mm
		Maximum cutting depth	500mm
		Maximum tilt angle	90°
		Cutting angle	28°—70°
		Angle of revolution	360°
		Length & chord height	3660x610mm
Oil filling amount	Coolant		50L
	Fuel tank		280L
	Engine		24L
	Transmission		38L
	Hydraulic oil		110L
	Drive axle		28L
	Balancing box		46 L