

Road Construction & Maintenance Machinery



GR3005T PRO Motor Grader



- **Product Category:** Road Machinery
- **Brand:** XCMG
- **Model:** GR3005T PRO
- **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 GR3005T PRO Motor Grader

GR3005 325HP motor grader, with high strength structural parts and enough power, is a large mining motor grader special for road construction of surface mine, original landform finishing and other heavy load conditions. It can be used for road molding, road maintenance, rock clearing and other heavy load work. The motor grader has strong power system, reliable mining drive rear axle and Germany ZF transmission, and is provided with load sensing hydraulic system and firm working device to realize super-strong work capacity. The motor grader can be operated by double electronic control handle; its operating state can be monitored; its key parts are set with grading fault alarm, thereby realizing simple, comfortable and intelligent operation. The motor grader adopts convenient centralized maintenance and repair layout to get better coordination of man-machine, safety and environment.

Parameters of GR3005T PRO Motor Grader

Item		Parameter
Basic parameters	Engine model	QSL8.9-C325-30
	Rated power/speed	242kW/2100rpm
	Overall dimension (standard)	10615x3280x3960mm
	Total weight (standard)	28000kg
	Tire specification	20.5-25
	Ground clearance (front axle)	450mm
	Space of front and rear axles	7617mm
	Space of middle and rear wheels	1960mm
Performance parameters	Forward velocity	5,8,11,19,23,40km/h
	Reverse speed	5,11,23km/h
	Tractive effort $f=0.75$	140kN
	Maximum gradeability	30%
	Tire inflation pressure	330kPa
	Working system pressure	22MPa
	Transmission pressure	/
Working parameters	Maximum steering angle of front wheel	$\pm 45^{\circ}$
	Maximum slant angle of front wheel	$\pm 17^{\circ}$
	Maximum oscillating angle of front axle	$\pm 15^{\circ}$
	Maximum oscillating angle of equilibrium box	forwards 15° , Reverse 15°
	Maximum steering angle of frame	$\pm 23^{\circ}$
	Minimum turning radius	9m
	Scrape knife	Maximum lift height
		Maximum cutting depth
		Maximum tilt angle
		Cutting angle
		Angle of revolution
		Length & chord height
Oil filling amount	Coolant	50L
	Fuel tank	480L
	Engine	24L
	Transmission	38L
	Equilibrium box	186L
	Drive alex	106L
	Hydraulic oil	210L