

GR135



GR135

Motor Grader

GR135 motor grader is mainly used for ground leveling, ditching, slope scraping, bulldozing, scarification, snow removal for large areas such as highway, airports, farmlands etc. The machine features compact structure and high reliability, is the indispensable construction machinery for national defense projects, urban and rural roads and other building construction and water conservancy construction, farmland improvement, etc.

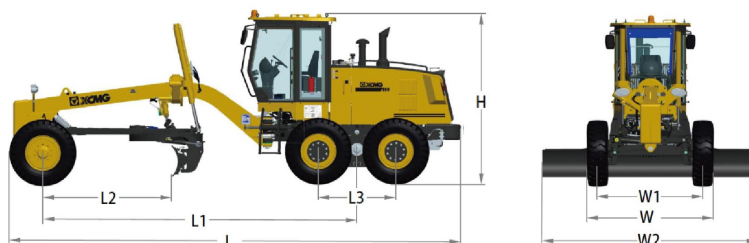
Performance and characteristics

- **Powerful and vigorous:** Cummins stage II turbocharged engine matched optimum torque converter, reducing the start time, maximizing torque output at low speed.
- **Swivel under load:** improved pressure of hydraulic system, improved swivel force of the blade, high frequency quenching treatment of gear rings, enhancing the wear resistance and life span of the blade.
- **High efficiency:** optimized blade shape for fast and efficient work, optimal load distribution minimizes material accumulation within the rotary disc.
- **Safety and reliability:** CAE optimized structural parts, reliable and durable; patented slewing bearing drive axle for long lifetime and higher reliability.
- **Maneuverability:** XCMG patented single oil cylinder large steering angle front axle, combined with articulated frame, achieving a small turning radius.
- **Control comfort:** diamond shape six-point support cabin reduces both vibration and noise, shortened operating stroke and 30% less operating force for comfortable control and productive operation.

Main dimensions

Unit: mm

Model	L	L1	L2	L3	H	W	W1	W2
GR135	8015	5780	2478	1538	3050	2380	2020	3660



Main specifications

Item	Content		Unit	GR135
Basic parameter	Engine model			6BTA5.9-C150- II
	Rated power/speed		kW/rpm	112/2200
	Machine dimension(standard)		mm	8015×2380×3050
	Machine weight(standard)		kg	11200
	Tire specification			13.00--24
	Wheel track		mm	2020
	Axle distance between front and rear		mm	5780
	Minimum ground clearance, front axle		mm	515
	Wheel base between middle and rear		mm	1538
Performance parameters	Drive speed, forward		km/h	5/8/13/20/30/42
	Drive speed, reverse		km/h	5/13/30
	Traction force f=0.75		kN	≥59
	Maximum gradeability		%	≥25
	Tire inflation pressure		kPa	300
	Work system pressure		MPa	16
	Transmission box pressure		Mpa	1.3—1.8
	Maximum steering angle, front wheel		°	±49
	Allowable tilt angle, front wheel		°	±17
Working parameters	Maximum oscillation, front axle		°	±15
	Maximum oscillation, balance box		°	±16
	Maximum steering angle, frame		°	±27
	Minimum turning radius		m	6.6
	Blade	Maximum lift above ground	mm	410
		Maximum cutting depth	mm	515
		Maximum tilt angle	°	90
		Cutting angle	°	54—90
		Swivel angle	°	360
		Length × Height	mm	3660×610
Capacities	Coolant		L	50
	Fuel tank		L	280
	Engine		L	18
	Transmission box		L	26
	Balance box		L	46
	Drive axle		L	28
	Hydraulic oil		L	96

Notes:

Specifications and configurations may vary depending on options and regional regulations. XCMG reserves the right to make changes to specifications without prior notice.



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