

GR2205AT



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Motor Grader

GR2205AT 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

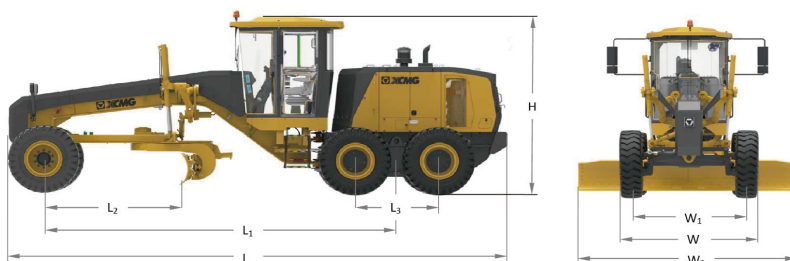
- Load sensing hydraulic system has small operating force, good operating feeling;
- Engine variable power control technology for higher energy efficiency;
- Reinforced drive axle for long lifetime, higher reliability;
- Full view cabin with better front visibility, optimized internal manipulation and overall internal layout, meeting ergonomic needs and higher comfort.
- The air conditioning flue is integrated in cabin interior design,

- significantly improves the cooling and heating effect.
- The working device is more reliable with the integral angle position device, high strength rotary support and overload protection worm gearbox.
- Optimized machine layout realizes fuel filling from ground and easy access to service and maintenance points.
- All - wheel drive system is available to meet the needs of different users.

Main dimensions

Unit: mm

Model	L	L1	L2	L3	H	W	W1	W2
GR2205AT	9343	6497	2524	1538	3432	2530	2135	3965



Main specifications

Item	Content		Unit	GR2205AT	
Basic parameter	Engine model			SC9DK220G3	
	Rated power/speed		kW/rpm	162/2200	
	Machine dimension(standard)		mm	9343x2530x3432	
	Machine weight(standard)		kg	16500	
	Tire specification			14.00--24	
	Wheel track		mm	2135	
	Axle distance between front and rear		mm	6497	
	Wheel base between middle and rear		mm	1538	
Performance parameters	Drive speed, forward		km/h	5/9/12/20/25/45	
	Drive speed, reverse		km/h	5/12/25	
	Traction force f=0.75		kN	≥111	
	Maximum gradeability		%	≥25	
	Tire inflation pressure		kPa	375	
	Work system pressure		MPa	24.5	
	Transmission box pressure		Mpa	1.6-1.8	
Working parameters	Maximum steering angle, front wheel		°	±48	
	Allowable tilt angle, front wheel		°	±17	
	Maximum oscillation, front axle		°	±15	
	Maximum oscillation, balance box		°	Front 15 rear 15	
	Maximum steering angle, frame		°	±25	
	Minimum turning radius		m	7.6	
	Blade	Maximum lift above ground		mm	500
		Maximum cutting depth		mm	720
		Maximum tilt angle		°	90
		Cutting angle		°	Front 40 rear 5
Swivel angle		°	360		
Length × Height		mm	3965x610		
Capacities	Coolant		L	50	
	Fuel tank		L	330	
	Engine		L	24	
	Transmission box		L	38	
	Balance box		L	75 each	
	Drive axle		L	25	
	Hydraulic oil		L	65	

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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