

GR3005T Pro



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Motor Grader

The GR3005T Pro motor grader is a construction machine used in open pit mines for haul road shaping and leveling operations. It is characterized by strong power, efficient operation and comfortable and intelligent control performance. The machine is mainly used for heavy-duty soil and rock leveling in open pit mines, but also for snow removal, material paving and side trenching in open pit mines. The machine has sufficient power, reliable and durable, and high operation comfort, which is the ideal leveling equipment in the maintenance and repair of the road surface of open pit mine.



Performance and characteristics

- Powerful and efficient construction performance, optimized weight and power matching, providing strong traction output, which can easily cope with sudden and short time load surges.
- Comfortable and intelligent control experience, equipped with electric double-lever control and intelligent panel control, which greatly reduces the driver's control intensity.
- Durable structure design, equipped with mining heavy-duty drive rear axle, integral angle sensor, high-strength slewing bearing and overload protection worm gear box, to enhance

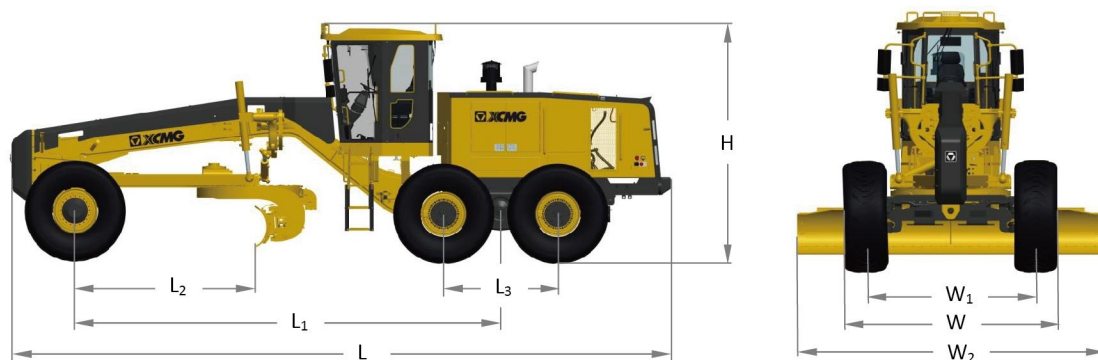
the durability of the machine.

- Convenient and centralized maintenance, convenient and centralized daily filter cartridge and oil replacement, the whole vehicle is equipped with intelligent monitoring and fault diagnosis system.
- Solid and sufficient safety guarantee, equipped with wet brake, hydraulic locking, ground break switch, double emergency stop control, reversing image and other systems to ensure the safe use of equipment.

Main dimensions

Unit: mm

Model	L	L1	L2	L3	H	W	W1	W2
GR3005T Pro	10923	7070	2770	1960	3850	3270	2700	4572



Main specifications

Item	Content		Unit	GR3005T Pro	
Basic parameter	Engine model			QSL8.9	
	Rated power/speed		kW/rpm	242/2200	
	Machine dimension(standard)		mm	10923×3270×3850	
	Machine weight(standard)		kg	28500	
	Tire specification			20.5R25	
	Ground clearance (Front axle)		mm	625	
	Wheel track		mm	2700	
	Axle distance between front and rear		mm	7070	
	Wheel base between middle and rear		mm	1960	
Performance parameters	Drive speed, forward		km/h	5/8/11/19/23/40	
	Drive speed, reverse		km/h	5/11/23	
	Traction force f=0.75		kN	≥140	
	Maximum gradeability		%	≥30	
	Tire inflation pressure		kPa	475	
	Work system pressure		MPa	25	
	Transmission box pressure		Mpa	1.6±0.2	
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		°	±23	
	Minimum turning radius		m	9	
	Blade	Maximum lift above ground		mm	420
		Maximum cutting depth		mm	838
		Maximum tilt angle		°	90
		Cutting angle		°	Front 40 rear 5
Swivel angle		°	360		
Length × Height		mm	4572×686		
Capacities	Coolant		L	50	
	Fuel tank		L	480	
	Engine		L	24	
	Transmission box		L	38	
	Balance box		L	93 each	
	Drive axle		L	106	
	Hydraulic oil		L	210	