

GR2605T



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Motor Grader

As major machine for shaping and leveling operation in earthwork engineering, motor grader is widely used for large ground (such as road and airport) and leveling operation of stable layer. With the constant expansion of its functions and development of its high-efficiency over the years, motor grader is applied to bulldozing and spreading of open-pit and roadbed mixture as well trimming of original landform. Besides, it can be applied to snow removing in cold region. Featuring 260HP power, strong strength of machine components and sufficient driving force, GR2605T is a heavy-duty motor grader research and developed especially for high-load working condition.

Performance and characteristics

- Utilizing load sensitive hydraulic system, small control force, good control feeling, more sensitive.
- Engine variable power control technology, more energy efficient.
- Intelligent fan control technology enables fan speed changing with the real-time detected system temperature, low energy consumption and low noise.
- The rear axle with oil bathed, multi-disc service brakes, has long lifetime and higher reliability.
- Equipped with ROPS/FOPS Cab (Designed with a certified Roll-Over Protective Structure and Falling-Object Protective Structure for

ultimate operator safety.)

- The ROPS &FOPS cab is adopted for higher safety. Optimized internal control and internal overall layout to meet ergonomic requirements with higher comfort.
- Optimal arrangement of the air conditioning flue, integration with cab interior design, better air conditioning effect.
- Advance ant vibration and noise reduction technology, low noise of the whole machine.
- Maintains performance in extreme environments up to 55°C.

Main dimensions

Unit: mm

Model	L	L1	L2	L3	H	W	W2
GR2605T	9448	6597	2580	1662	3550	2800	3965



Main specifications

Item	Content		Value	
Basic parameter	Engine type		QSB6.7	
	Rated power		194kW	
	Overall Dimensions (with rear-mounted ripper)		9448x2800x3550mm	
	Machine Weight （with rear-mounted ripper）		19000kg	
	Tire specification		20.5-25	
	Ground clearance (Front axle)		600mm	
	Axle distance between front and rear		6597mm	
	Wheel base between middle and rear		1622mm	
Performance Parameters	Forward speed		6、9、15、23、35、53km/h	
	Reverse speed		6、16、37km/h	
	Traction force f=0.75		≥99kN	
	Maximum gradeability		≥25%	
	Inflation pressure of tire		350kPa	
	Work system pressure		24.5MPa	
	Transmission pressure		2.0-2.4Mpa	
Working Parameters	Maximum steering angle of front wheel		±49°	
	Allowable angle of inclination of front wheel		±18°	
	Maximum swinging angle of front axle		±16°	
	Maximum swinging angle of balance box		Front 15°, rear 15°	
	Maximum swinging angle of frame		±25°	
	Minimum turning radius		7.8m	
	Blade	Maximum lifting height		520mm
		Maximum blade position angle		90°
		Cutting angle		Front 40°, Rear 5°
		Angle of revolution		360°
Length × Height		3965×610mm		
Oil Filling Capacity	Coolant		50L	
	Fuel tank		390L	
	Engine		24L	
	Transmission box		45L	
	Balance box		100L per	
	Drive axle		30L	
	Hvdraulic oil		65L	

Notes:

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

