

SOLID TO SUCCEED.  **XCMG**

GR

26005U



MOTOR GRADERS

GR2605U

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PRODUCT FEATURE:

► The grader is the main machine used for shaping and leveling operations in earthworks, and is widely used in the leveling of large area ground and stability layers such as highways and airports. In recent years, with the increasing usage of graders and the advantages of high efficiency graders, the graders have been used in working conditions such as bulldozing and paving of roadbed mixtures and repairing of original landforms. It can also be used for snow removal in cold regions. With a power of 260HP, high strength of the whole structural parts and sufficient power. GR2605 grader is a heavy duty grader specially developed for high load conditions.

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SCAN ME

MAIN SPECIFICATIONS

CONTENT		UNIT	GR2605U	
Basic parameter				
Engine model			L9	
Rated power/speed		kW/rpm	194/2,100	
Machine dimension (standard)		mm	9,448 x 2,895 x 3,500	
Machine weight (standard)		kg	20,000	
Tire specification			17.5R25	
Wheel track		mm	2,450	
Axle distance between front and rear		mm	6,625	
Wheel base between middle and rear		mm	1,771	
Drive speed, forward		km/h	5.6/9.1/12.5/20.2/27.4/43.2	
Performance parameters				
Drive speed, reverse		km/h	5.6/12.5/27.4	
Traction force f=0.75		kN	≥ 103	
Maximum gradeability		%	≥ 25	
Tire inflation pressure		kPa	425	
Work system pressure		MPa	24.5	
Transmission box pressure		MPa	1.85 - 2.2	
Maximum steering angle, front wheel		°	± 49	
Working parameters				
Allowable tilt angle, front wheel		°	± 18	
Maximum oscillation, front axle		°	± 16	
Maximum oscillation, balance box		°	Front 15 rear 15	
Maximum steering angle, frame		°	± 25	
Minimum turning radius		m	7.8	
Maximum lift above ground		mm	452	
Maximum cutting depth		mm	755	
Maximum tilt angle		°	90	
Blade	Cutting angle		Front 40 rear 5	
	Swivel angle		360	
	Length x Height		mm	4,270 x 610
	Coolant		L	50
Capacities				
Fuel tank		L	352	
Engine		L	24	
Transmission box		L	38	
Balance box		L	48 each	
Brake		L	7 each	
Drive axle main reducer		L	25	
Hydraulic oil		L	65	

PERFORMANCE AND CHARACTERISTICS

- ▶ Load sensing hydraulic system has small operating force, good operating feeling.
- ▶ Engine variable power control technology for higher energy efficiency.
- ▶ Intelligent fan control technology enables fan speed changing with the realtime detected system temperature, low energy consumption and low noise.
- ▶ The working device is more reliable with the integral angle position device, high strength rotary support.
- ▶ Wet type brake drive axle for long lifetime, higher reliability.
- ▶ ROPS & FOPS cabin, with higher safety, optimized internal manipulation and overall internal layout, meeting ergonomic needs and higher comfort.
- ▶ The air conditioning glue is integrated in cabin interior design, significantly improves the cooling and heating effect.
- ▶ Advanced antivibration and noise reduction technology achieves low noise of the whole machine.



MAIN DIMENSIONS									UNIT:MM
MODEL	L	L1	L2	L3	H	W	W1	W2	
GR2605	9,448	6,625	2,580	1,771	3,500	2,895	2,450	4,270	