

GR2605AT



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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 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, GR2605AT 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.
- Two Electric joysticks control. The Joysticks can control all cylinders, steering, gear selection, etc.
- The rear axle with oil bathed, multi-disc service brakes, has

- long lifetime and higher reliability.
- 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.

Dimension in working configuration

Unit: mm

Model	L	L1	L2	L3	H	W	W1	W2
GR2605AT	9680	6636	2580	1696	3500	2750	2287	3965



Main specifications

Item		Unit	Parameter		
Basic parameter	Engine type	-	SC9DK260G3		
	Rated power/Speed	kW/rpm	192/2200		
	Machine dimension(standard)	mm	9680×2750×3500		
	Machine weight(standard)	kg	19500		
	Tire specification	-	17.5R25		
	Ground clearance (Front axle)	mm	592		
	Wheel base	mm	2287		
	Axle distance between front and rear	mm	6636		
Wheel base between middle and rear	mm	1696			
Performance parameter	Forward speed	km/h	5、9、14、22、33、48		
	Reverse speed	km/h	6、15、35		
	Traction force f=0.75	kN	≥135		
	Maximum gradeability	%	≥25		
	Inflation pressure of tire	kPa	425		
	Work system pressure	MPa	24.5		
	Transmission pressure	Mpa	2.0-2.4		
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		m	7.8	
	Blade	Maximum lifting height		mm	452
		Maximum scraping depth		mm	755
		Maximum blade position angle		°	90
		Cutting angle		°	Front 40 , rear 5
		Angle of revolution		°	360
Length × Height		mm	3965×610		
Oil filling capacity	Coolant	L	50		
	Fuel tank	L	390		
	Engine	L	24		
	Transmission box	L	45		
	Balance box	L per	105		
	Drive axle	L	35		
	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.



XCMG ROAD MACHINERY BUSINESS
Email: road.marketing@xcmg.com



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