

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.

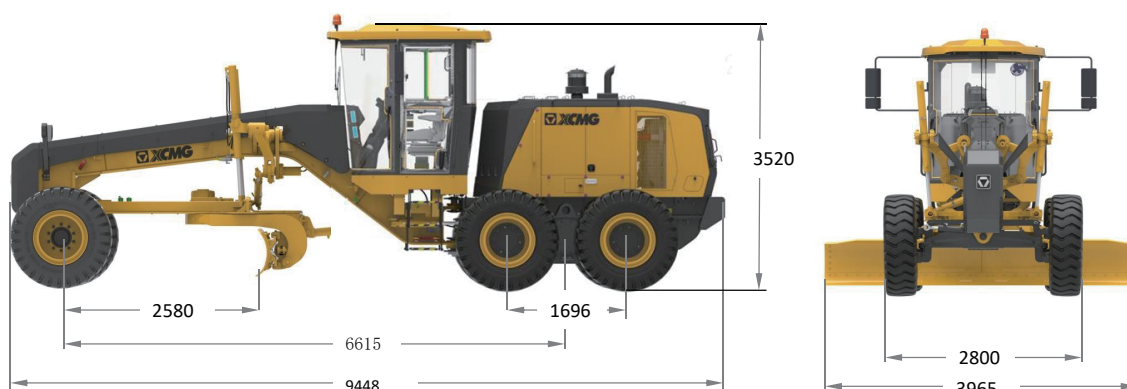


XCMG ROAD MACHINERY BUSINESS UNIT

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.
- 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.

Main dimensions



Main specifications

Item	Content	Value
Basic parameter	Engine type	QSB6.7
	Rated power	194kW
	Machine dimension(standard)	9448×2800×3520mm
	Machine weight(standard)	19000 kg
	Tire specification	20.5-25
	Ground clearance (Front axle)	660mm
	Axle distance between front and rear	6615mm
	Wheel base between middle and rear	1696mm
Performance Parameters	Forward speed	5、9、14、22、34、48km/h
	Reverse speed	6、15、35km/h
	Traction force f=0.75	≥99kN
	Maximum gradeability	≥25%
	Inflation pressure of tire	425kPa
	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
		Maximum blade position angle
		Cutting angle
		Angle of revolution
		Length × Height
Oil Filling Capacity	Coolant	50L
	Fuel tank	390L
	Engine	24L
	Transmission box	45L
	Balance box	105L per
	Drive axle	35L
	Hydraulic oil	65L