Engine Cummins QSB6.7

Rated Power 164 kW (220 hp) @ 2,200 rpm

Net Power 147 kW (197 hp) @ 2,200 rpm

Blade Width 3,960 mm

Maximum Speed 40.5 km/h

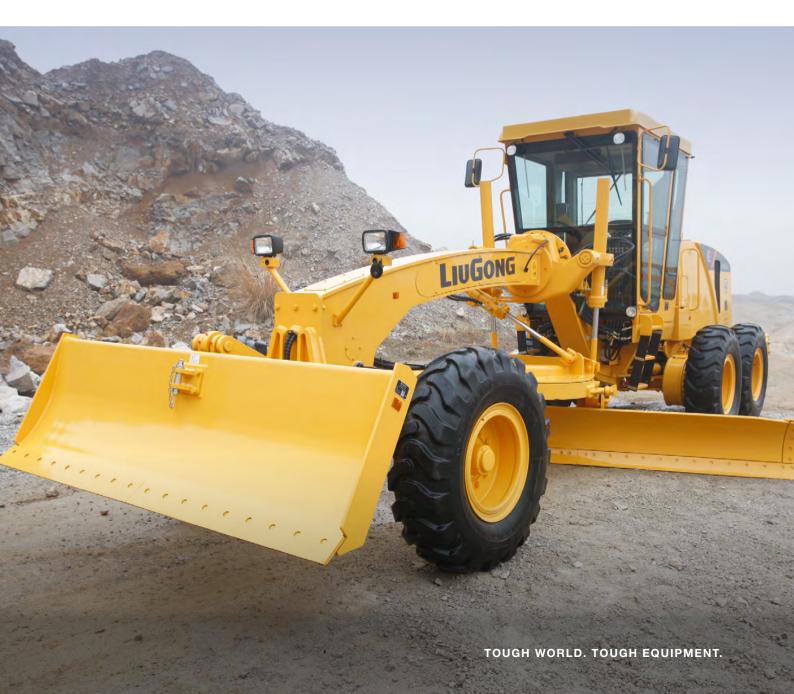
Draw Bar Pull 86 kN

Operating Weight 16,200 kg

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**MOTOR GRADER** 





## 418 SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3 / Stage IIIA
Make	Cummins
Model	QSB6.7
Rated Power	164 kW (220 hp) @ 2,200 rpm
Net Power	147 kW (197 hp) @ 2,200 rpm
Peak Torque	949 N • m @ 1,500 rpm
Torque Rise %	33%
Number of Cylinders	6
Aspiration	turbo air-to-air aftercooled

TRANSMISSION	
Transmission Type	power shift
Transmission Configuration	6f / 3r
Torque Converter	three – member single turbine
Maximum Travel Speed, fwd	40.5 km/h
Maximum Travel Speed, rev	24.9 km/h
Number of Speeds, fwd	6
Number of Speeds, rev	3

AXLES	
Differential Type	limited slip
Final Drive Type	chain drive
Axle Oscillation	15°
Front Axle Type	all welded steel frame
Front Axle, Wheel Lean Angle	left / right 17°

STEERING		
Steering Configuration	load sensor steering gear	
Steering Relief Pressure	17 MPa	
Minimum Turning Radius	7,800 mm	
Steering Angle	±45°	
Frame Articulation Angle	±20°	

BRAKES	
Service Brake Type	dry drum
Service Brake Location	rear axle

TIRES	
Tire Size	14.00 - 24 - 16

HYDRAULIC SYSTEM		
Main Pump Type	variable pump	
Main Relief Pressure	21 MPa	
Pilot Pump Flow	151.8 L/min	

WORKING CAPACITIES	
Maximum Draw Pull	86 kN
Cutting Pressure	7,800 kg

TANDEM DRIVE PERFORMANCE	
Height	600 mm
Width	210 mm
Thickness, inner wall / outer wall	20 mm / 20 mm
Center Distance	1,538 mm
Oscillating Angle	±15

MOLDBOARD PERFORMANCE	
Bank Cut Angle	40~70°
Moldboard Lift Above Ground	450 mm
Moldboard Side Shift, right / left	725 / 675 mm
Maximum Sloping Angle	90°
Cutting Depth	555 mm
Circle Rotation	360°
Circle Diameter	1,455 mm
Circle Thickness	140 mm

DIMENCIONS	
DIMENSIONS	0.000
Wheelbase	6,230 mm
Overall Length	8,971 mm
Overall Height with Cab	3,438mm
Clearance under Front Axle	645 mm
Moldboard Standard Length	3,960 mm
Moldboard Standard Thickness	19 mm
Moldboard Standard Height	610 mm
Moldboard Standard Height	610 mm

OPERATING WEIGHTS	
Operating Weight	16,200 kg
On Front Wheels	4,600 kg
On Rear Wheels	11,600 kg

SERVICE CAPACITIES		
Fuel Tank	230 L	
Engine Oil	22 L	
Cooling System	45 L	
Hydraulic Reservoir	186 L	
Transmission And Torque Converter	45 L	
Tandems, Fach	281	

OPTIONAL EQUIPMENT	
Rear Ripper	
Front Dozer	
Automatic Leveling System	
Rotary Beacon	

