



# SMG200C-8

Motor Grader



## KEY FEATURES

- Cummins QSL9, T4F engine rated at 250 HP, features high power and low fuel consumption
- Reliable direct drive, power shift transmission provides quick response to operator inputs
- Seat mounted joystick operator controls with a load sensing hydraulic system to provide precise control with reduced operator effort
- Hexagon shaped cab and a rear view camera provide a broad field of view for safer operation

### Rated Power

186kw - 250 HP

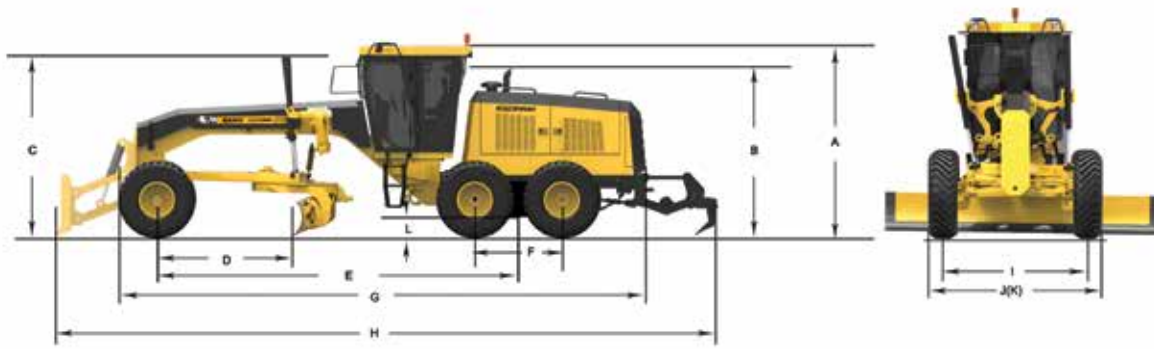
### Typical Operating Weight

20,000 kg - 44,092 lb

### Moldboard width

14 ft/4270 mm

# SMG200C-8 Dimensions & Specifications



## OVERALL DIMENSIONS

	Standard	Metric	
A	Height to Top of Cab	11' 6"	3498 mm
B	Height to Top of Exhaust Stack	9' 7"	2912 mm
C	Height to Top of Blade Lift Cylinders	10' 2"	3110 mm
D	Length Front Axle to Moldboard	8' 3"	2520 mm
E	Length Front Axle to Mid Tandem	20' 8"	6300 mm
F	Tandem Axle Spacing	5' 0"	1524 mm
G	Overall Length	30' 2"	9187 mm
H	Overall Length (Including Ripper)	37' 2"	11,320 mm
I	Width of Tire Center Lines	7' 2"	2185 mm
J	Width of Outside Front Tires	8' 11"	2725 mm
K	Width of Outside Rear Tires	8' 8"	2634 mm
L	Ground Clearance at Rear Axle	15"	370 mm

## MACHINE PARAMETERS

	Standard	Metric
Engine Model	QSL9 -C250 (Tier 4F)	
Rated Power/Speed	250 hp/2200 rpm	186 kW/2200 rpm
Max. Torque/Speed	979 ft-lbs/1500 rpm	1080 Nm/1500 rpm
Dimensions	30'2"x8'11"x11'6"	9187x2725x3498
Operating Weight, typically equipped	44,092 lb	20,000 kg
Minimum Turning Radius	24' 7"	7.5 m
Max. Hydraulic Working System Pressure	3050 PSI	21 MPa
Transmission System Pressure	320-435 PSI	2.2-3.0 MPa
Front Wheel Turning Angle	±50°	
Front Wheel Tilt Angle	±17°	
Oscillation Angle of Front Axle	±16°	
Oscillation Angle of Tandem Box	Forward 15°, Backward 25°	
Ground Clearance at Rear Axle	15"	370 mm

## MACHINE PARAMETERS

	Standard	Metric	
Moldboard Width x Arc Radius	14' 0"x24"	4270x620 mm	
Blade Range	Max. Lift above Ground	19"	480 mm
	Max. Depth of Cut	28"	715 mm
	Max. Blade Position Angle	±90°	
	Blade Tip Range	Forward 40°, Backward 5°	
	Circle Rotation	360°	
Ripper	Max. Scarifying Depth	19"	470 mm
	Maximum Lift above Ground	21"	522 mm
	Max. Working Width	7' 7"	2300 mm
Dozer Blade	Max. Depth of Cut	9"	229 mm
	Max. Lift above Ground	24"	614 mm
	Max. Working Width	9' 0"	2740 mm

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