



SMG200

Motor Grader



KEY FEATURES

- Engine: Cummins QSC 8.3 Tier 3
- Engine Power: 205 hp (153 kW) @ 1950 rpm
- Direct-drive powershift transmission delivers smooth, responsive shifting and efficiency
- Differential system incorporates a hydraulic differential lock, allowing it to be engaged or disengaged during a turn
- CAN-BUS technology offers convenient function extension and system diagnostics
- Optional front scarifier, front push blade, front counterweight and rear ripper

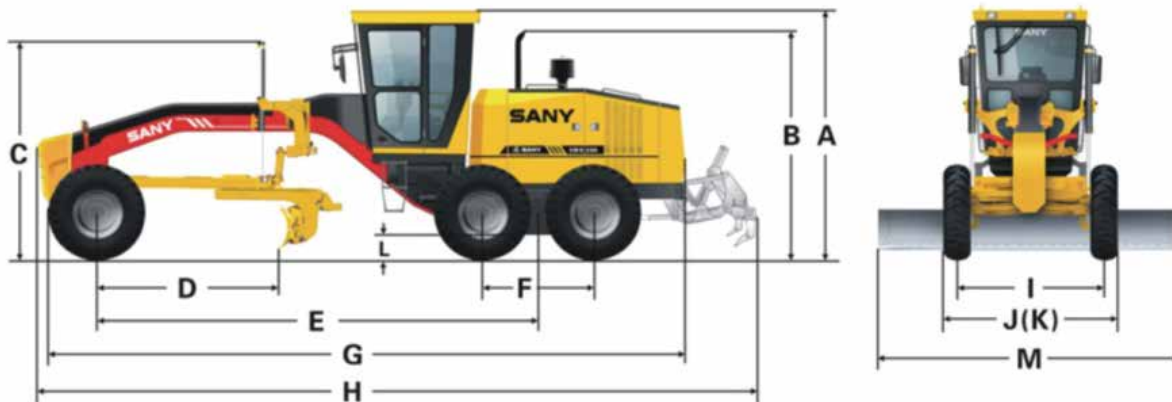
Gross Power
205 hp / 153 kW

Blade Length
14' 0" / 4,267 mm

Operating Weight
37,292 lb / 16,920 kg

Overall Length
36' 6" / 11,137 kg

SMG200 Dimensions & Specifications



OVERALL DIMENSIONS

	Standard	Metric	
A	Height to Top of Cab	10' 7"	3214 mm
B	Height to Top of Exhaust Stack	10' 4"	3155 mm
C	Height to Top of Blade Lift Cylinders	10' 2"	3110 mm
D	Length Front Axle to Moldboard	8' 3"	2520 mm
E	Wheelbase	20' 3"	6175 mm
F	Tandem Axle Spacing	5' 0"	1524 mm
G	Overall Length	28' 4"	8646 mm
H	Overall Length (Including Ripper)	36' 6"	11,137 mm
I	Width of Tire Center Lines	6' 10"	2077 mm
J	Width of Outside Rear Tires	8' 11"	2725 mm
K	Width of Outside Front Tires	8' 8"	2634 mm
L	Ground Clearance at Rear Axle	1' 3"	381 mm
M	Blade Length	14' 0"	4267mm

MACHINE PARAMETERS

Wheels	Tire Specification	17.5R25, G-3	
	Ply Rating (PR)	12	
	Rim Size	8" (229 mm) One piece rim	
	Number of Bolts on Rim	10 x M20 x 1.5	
Moldboard		Standard	Metric
	Standard moldboard with replaceable end bits	2' x 14'	610 x 4267 mm
	Bolt Spacing	6"	152 mm
Force	Bolt Size	16 mm	
	Calculation	force calculated including front CWT and rear ripper	
	Blade Pull	26,985 lb	12,240 kg
	Blade Down Force	19,113 lb	8669 kg

MACHINE PARAMETERS

	Standard	Metric	
Operating Weight	Total	37,301 lb	16,920 kg
	Front Wheels	10,101 lb	4582 kg
	Rear Wheels	27,200 lb	12,338 kg
	Typical Operating Weight for Front Push, Block & Ripper		
	Front	12,170 lb	5520 kg
Engine	Rear	29,983 lb	13,600 kg
	Total	42,152 lb	19,120 kg
Engine	Model	Cummins QSC 8.3	
	Gross Power	205 hp	153 kW
	Max. Torque	745 ft lb	1010 Nm
	Speed at Max. Torque	1450 rpm	
Circle	Electrical System	24 volt	
	Circle Diameter	5' 0"	1520 mm
	Rotation	360 °	
	Ear Plate Thickness	1"	40 mm
	Drive	Hydraulic Motor and worm gear with positive lock	

FORWARD

D (Auto Gearing)

	Standard	Metric	
Travelling Speed, Manual Gearing	Speed 1	2.4 mph	3.8 km/h
	Speed 2	3.2 mph	5.2 km/h
	Speed 3	4.6 mph	7.5 km/h
	Speed 4	6.5 mph	10.4 km/h
	Speed 5	10.4 mph	16.8 km/h
	Speed 6	13.7 mph	22.1 km/h
	Speed 7	19 mph	30.5 km/h
	Speed 8	27.2 mph	43.8 km/h

REVERSE

R (Auto Gearing)

	Standard	Metric	
Travelling Speed, Manual Gearing	Speed 1	1.9 mph	3.0 km/h
	Speed 2	3.5 mph	5.6 km/h
	Speed 3	5.1 mph	8.2 km/h
	Speed 4	8 mph	12.8 km/h
	Speed 5	15 mph	24.0 km/h
	Speed 6	21.5 mph	34.6 km/h

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