SANY®

SMG200
MOTOR GRADER



Precision hydraulic system

- The load sensing hydraulic system provides adequate flow during multiple implement operation. The rapid, precise response to control input resultsin exceptional grading quality.
- The automatic regulation of pump flow based on load conditions results in increased fuel economy.
- In the optional "intelligent fan" cooling system, the fan speed is continuously variable the cooling system operating temperature.

Powerful powertrain system

- Direct drive power shift transmission delivers smooth, responsive shifting.

Comfortable operator environment

- Provides the operator with a 360 degree field of vision.
- "Silent ride" engineered cab.

Reliable structure

- The precision, reliable, low maintenance circle bearing reducesmaintenance costs.

Convenient maintenance

- Conveniently located handrails and steps provide easy access to filters,fluids and service items
- The centralized lay out of filters are easy for maintenance.

Technical specifications

Model		SMG200
Power system specification	Engine	CUMMINS
	Emission	EPA Tier4(f)
	Model	QSL9
	Rated power (kW)	186
	Rated rotation speed (rpm)	2200
	Peak torque(Nm)	1085
Dimensions	Basic (L×W×H) (mm)	9187×2667×3498
	Typically equipped (with front counterweight and rear scarifier) (L×W×H) (mm)	10572×2667×3498
	With front dozer plate and rear ripper (L×W×H) (mm)	11554×2740×3498
	Front and rear axle base (mm)	6300
	Middle and rear wheel base (mm)	1524
	Min. Ground clearance (mm)	370
Load Spec.	Weight of basic type (kg)	17960 (14ft blade)
Operating device specification	Length of blade (mm)	4270 (14ft) (standard)
	Height of blade(mm)	620
	Tilt angle	±90°
	Turning angle	360°
	Max. Lift above ground (mm)	480
	Max. Depth of cut (mm)	715
	Blade tip range	Front 40° , rear 5°
Running specification	Gears	8 forward and 6 reverse
	Forward speed (km/h)	4.0/5.4/8.0/10.9/19.1/23.4/32.3/46.8
	Reverse speed (km/h)	3.2/5.9/8.7/13.5/25.3/37
	Steering angle of front wheel	Left 50° , right 50°
	Tilt angle of front wheel	Left 17° , right 17°
	Articulated steering angle	Left 22° , right 22°
	Oscillation angle of front axle	Up 16° , down 16°
	Min. Turning radius (m)	7.5
	Model of tire	17.5R25
Tank capacity	Max capacity of hydraulic oil tank (L)	115
	Max. capacity of fuel tank (L)	340

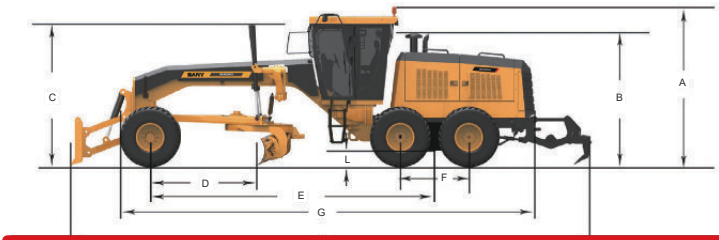
Basic & optional configurations

Model	Standard	Optional
SMG200	14ft moldboard	12ft moldboard
	HVAC	/
	/	Front dozer blade
	/	Front scarifier
	/	Rear ripper
	Warning light	/
	Rear camera	/
	/	Automatic leveling system

Dimensions

Model	Name	SMG200
A	Height to top of cab (mm)	3498
B	Height at exhaust stack (mm)	2912
C	Height to top of cylinders (mm)	3110
D	Length - front axle to moldboard (mm)	2460
E	Wheel base - between front and rear axles (mm)	6300
F	Wheel base - between middle and rear wheel (mm)	1524
G	Length - front tire to rear of machine (mm)	9187
H	Overall length - front dozer blade to ripper (mm)	11554
I	Width - rear tire center lines (mm)	2270
J	Width - outside front tires (mm)	2650
K	Width - outside rear tires (mm)	2725
L	Ground clearance at rear axle (mm)	370

Notes: Due to technical and product updates, data on specifications might change without prior notice.The pictures may differ from a real machine.





DELTA AUTO & EQUIPMENT LTD.

Lusaka: Plot 13582/M Airport Road

Copperbelt: Brilliance Street Shade #14 ZCCZ, Chambishi, Kalulushi

Solwezi: LN1001781/1 Mutanda Road in Kimiteto Area

Mobile (English)
+260 977 209596

Mobile (Chinese)
+260 571 625298

The product configuration (including technical parameters) is subject to change and the delivered actual machine without notice.

WECHAT ID
OysterinChicago

WEBSITE
www.delta-auto.net