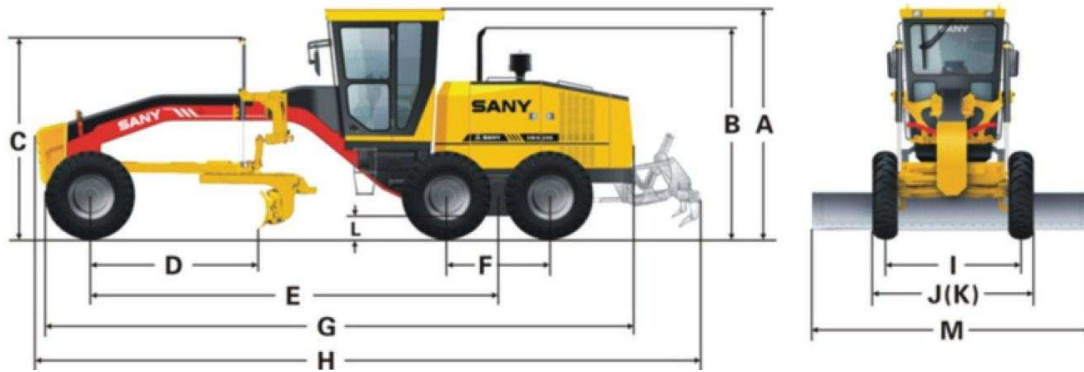




SANY
AMERICA INC.

SMG200 Motor Grader



Forward			Reverse		
D (Auto gearing) (km/h)			R (Auto gearing) (km/h)		
Travelling Speed Manual gearing	Speed 1 (km/h)	3.8	Travelling Speed Manual gearing	Speed 1 (km/h)	3.0
	Speed 2 (km/h)	5.2		Speed 2 (km/h)	5.6
	Speed 3 (km/h)	7.5		Speed 3 (km/h)	8.2
	Speed 4 (km/h)	10.4		Speed 4 (km/h)	12.8
	Speed 5 (km/h)	16.8		Speed 5 (km/h)	24.0
	Speed 6 (km/h)	22.1		Speed 6 (km/h)	34.6
	Speed 7 (km/h)	30.5			
	Speed 8 (km/h)	43.8			
With full fuel tank, 79 kg (175 lb) operator, 4270mm(14 ft.) moldboards, and 13.0-24 in. radial G2 tires.					
Operating weight	Base Total		16920kg		
	Front wheels		4470kg		
	Rear wheels		12450 kg		
	Typical Operating Weight with Front Push, Block and Ripper				
	Front		4890 kg		
	Rear		11857 kg		
Total		19604 kg			

Overall Dimensions(mm)		
A	Height to Top of Cab	3437
B	Height to Top of Exhaust Stack	3155
C	Height to Top of Blade Lift Cylinders	3110
D	Length-Front Axle to Moldboard	2520
E	Length-Front Axle to Mid Tandem	6175
F	Length-Between Tandem Axles	1549
G	Length-Front Tire to Rear of Machine	8910
H	Overall Length	10408
I	Width of Tire Center Lines	2077
J	Width of Outside Rear Tires	2492
K	Width of Outside Front Tires	2492
L	Ground Clearance at Rear Axle	370
M	Length Blade	3660
Wheels	Tyre specification	17.05 x 25, G-2
	Ply rating (PR)	12
	Rim size	229mm (9 in) One piece rim
Moldboard	Number of Bolt-on rims	10xM20x1.5
	Standard moldboard with replaceable end bits	22x610x3660 mm
	Bolt spacing	152mm
	Bolt size	16mm
Circle	Circle Diameter	1520 mm
	Rotation	360 deg
	Ear Plate thickness	40 mm
Drive — hydraulic motor and worm gear with positive lock		
Engine	Manufacturer	Cummins
	Model	QSC 8.3
	Form	Turbo-charged, After cooled In Line 6
	Rated power (kW)	153
	Rated speed (rpm)	1950
	Max. Output torque (N·m)	1010
	Speed at max. Torque (rpm)	1950
	Electrical system	24 volt

Sany America inc. has launched its first motor grader SMG200 for North America. The new machine is equipped with 14-ft. moldboard and 192-hp Cummins QSC8.3 6 cylinders turbocharged diesel engine that meets EPA Tier3 criteria, powerful impetus and variable horsepower technology. Maintenance-free and reliable linkage between drawbar and circle, enable flexible turning, serviceability and long service life . Auto-shift direct-drive transmission has eight forward and six reverse gears and hydraulically locking differentials.

Grader functions are powered by a Rexroth load-sensing hydraulic system. Sany 37,300-lb. SMG200 is equipped with certified FOPS/ROPS cab with special acoustic insulation, vibration reduction and excellent visibility. Air suspension seat and heating and air conditioning system provide comfortable operation environment. Features such as blade float and shock cushioning