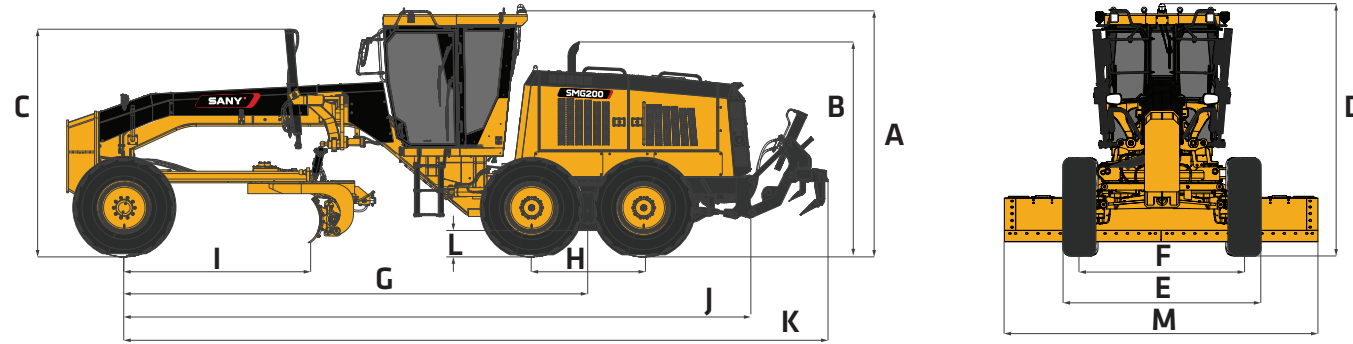




SMG200

MOTOR GRADER 45,768 LBS OPERATING WEIGHT
253 HP NET HORSEPOWER
14 FT STANDARD MOLDBOARD LENGTH



DIMENSIONS

A	Height to Top of Cab	11' 6"
B	Height of Exhaust Pipe	9' 7"
C	Height of Top Cylinders	10' 2"
D	Height Over ROPS	11' 6"
E	Width Over STD Tires	8' 11"
F	Width to Tire Center	7' 2"
G	Wheelbase	20' 8"
H	Rear Wheelbase	5'
I	Front Axle to Blade	8' 3"
J	Length (F/R)	30' 2"
K	Overall Length	34' 8"
L	Ground Clearance	15"
M	Width-Moldboard	14'

TECHNICAL SPECIFICATIONS

ENGINE

Engine Model	Cummins QSL9
Engine Net Power	253 hp
Displacement	8.9 L
Turbo Charged with Intercooler	Yes

OPERATING

Frame Type	Articulated
Moldboard	14'
Moldboard-Cutting Depth	28.15"
Moldboard Height	24.41"
Moldboard-Lift Above Ground	18.9"
Moldboard-Pitch	40° forward and 5° rear
Side Shift Left	86"
SidShift Right	90"
Frame Articulation	22°
Front Wheel Lean	17°
Axle Oscillation	16°
Turning Radius-Minimum	295.28"
Transport Width	107.28"
Fuel Tank	89.82 gal
Telematics Available	Yes

In the interest of continual equipment development, SANY America Inc. reserves the right to change these specifications at any time without prior notification.
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*Warranty applies to 2026 Crane, Telehandler, Grader and Roller models only.

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253 HP NET HORSEPOWER
14 FT STANDARD MOLDBOARD LENGTH

STANDARD FEATURES

ENGINE

QSL 9 Cummins
U.S. EPA Teir 4 Final/EU Stang V emission standards
Dual-element, dry air filter with pre-cleaner
Batteries 24 volt (2-12 volt)
Air-to-air after cooler (ATAAC)
Belt, serpentine, with tensioner
Coolant expansion tank
Electronic engine control
Enclosed fan guard
Engine coolant to -37 deg. C (-34 deg. F)
Diesel exhaust fluid tank 18.92 L (5 gal)
Fuel tank, 330 L, (89 gal) ground level fill and sediment drain
Fuel filter with water separator
Remote engine oil drain with ecology drain
Full-flow oil filter
Fuel priming pump
Turbocharger
Engine air precleaner
Sever-duty fuel filter

POWERTRAIN

SANY Power shift transmission
Manual differential lock
Spring-applied, hydraulically reeased parking brake
Wet-multiple disc brakes
8 forward gears -6 reverse gears
Tires size 17.5 R25
Secondary steering
Rear Axle Modular
Sealed and lubricated tandem chains

OTHER STANDARD EQUIPMENT ITEMS

14' Moldboard
5 ripper shanks
9 scarifier shanks
Endbits
Overload protection (Brakaway)- moldboard
Front push block
Articulation frame lock bar
Drawbar-low maintance circle
Cooling package, cleanout access, cleanout screens
Compartment doors (2), engine, locking
Adjustable independent- control positions (Levers-to-seate, seat-to-pedals)
ROPS/FOPS cab
AM/FM radio with USB charging and Bluetooth connectivity
Auto climate control/air conditioner and heat
Built-in operator's manual storage compartment and manual

12 and 24V outlets 60 watt 5 amp
Deluxe heated air suspension cloth seats
Front windshield wiper with variable speeds
Left and right side doors with wipers
Rear window with wiper
Illuminated gauge: diesel exhaust fluid, engine coolant, and fuel levels
Electric over hydraulic controls for 8 functions

Acclerator pedal
Inching pedal
Horn, Electric
Hour meter, Electric
Hydraulic lock out switch, all controls
Operator presents Hyd lock out
Operator steering wheel & Joystick steering controls
Interior light
Joystick gear selection
Auto articulation (Return to center)
Rearview mirror
Left and right side rearview mirrors
Large cup holder
Escape tool (Emergency exit)
Left and right side cab ladders
Multifuction color LCD monitor with : Diagnostic capability/ Multiple-lan-guages/maintenance tracking/clock

System monitoring with alarm features: engine air cleaner restriction indicator light, engine check, engine coolant temperature indicator light with audible alarm, engine oil pressure indicator light with audible alarm, low-alterna - tor-charge indicator light, low-fuel indicator light, low DEF indication with audible alarm, fault code alert indicator, fuel-rate display, wiper-mode indicator, work-lights-on indicator, and work-mode indicator

Retractable seat belt (2 in)
Hydraulic oil filter restriction indicator light
Electronic throttle control

ELECTRICAL

24V Electrical system
120-amp alternator
Heavy duty, maintenance free btteries, (1100 CCA)
Ground level electrical disconnect (lockout tag out)
Blade-type multi-fused circuits
Electrical starter
Positive-terminal battery covers
Back up alarm
Rearview camera
Work lights: high-power LED-2 mounted on frame, 2 mounted on top of cab, 2 mounted on bottom of cab, 2 mounted on back of cab, 2 mounted on rear of machine
2 Halegon lights on front of machine

OTHER SPECIFICATIONS

WEIGHT

Operation Weight	45,768 lbs
Operating Weight--Maximum	45,768 lbs
Loading--Rear Axle / Tandem	33,808 lbs
Blade Down Pressure	18,925 lbf

HYDRAULIC SYSTEM

Output Flow of Working Pump (at rate speed)	65 gal/min
Max Working Pressure of Implement System	1.45 psi
Transmission Control Pressure	3.19-4.35 psi

POWERTRAIN

Drive Configuration	6 x 4
Traction Aid	Manual Differential Lock
Service Brake Type	Wet Multiple-Disc
Number of Axles	1
Tire Size--Standard	17.5-25

SERVICE REFILL CAPACITIES

Hydraulic Oil Tank	29 gal
Fuel Tank	89 gal
DEF Tank	5 gal
Differential Axle Capacity	12 gal
Coolant Capacity	14.5 gal
Batter Cold Cranking Amps	1,100 CCA
Alternator	120 Amps
Transmission	14.5 gal