

SANY®

SMG200C-8 HEAVY-DUTY MOTOR GRADER

SMG200C-8 重载平地机

Designed In the US Made In China
美国设计 中国制造

RELIABLE STRUCTURE

- ◆ The precision, reliable, low maintenance circle bearing reduces maintenance costs.

COMFORTABLE OPERATOR ENVIRONMENT

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

POWERFUL POWERTRAIN SYSTEM

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

PRECISION HYDRAULIC SYSTEM

- ◆ The load sensing hydraulic system provides adequate flow during multiple implement operation. The rapid, precise response to control input results in 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.

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.

强劲有力的传动系统

- ◆ 直接传动动力换挡变速箱，换挡平顺，响应迅速。

精确操控的液压系统

- ◆ 在多油缸动作时，负载敏感液压系统能提供足量的流量供应；快速、精确的控制响应是精平质量的保证。
- ◆ 作业泵流量可基于实际负载自动调节，降低燃油损耗。
- ◆ 智能风扇系统可根据工作温度自动调节转速。

安全舒适的操作环境

- ◆ 为操作手提供 360 度无死角工作视野
- ◆ "无声级" 人机工程驾驶室。

坚固可靠的作业装置

- ◆ 作业精准，易于保养的回转支承作业装置可有效降低维护成本。

简单便捷的维护保养

- ◆ 扶手踏板的布置为保养工作提供更大作业空间。
- ◆ 过滤器的集中布置使维修保养更为方便。



TECHNICAL PARAMETER

技术参数

型号 Model	SMG200C-8 (PDJ100000066)	
动力系统参数 Power System Spec.	供应商 Supplier	康明斯 CUMMINS
	排放等级 Emission	EPA Tier4(f)
	型号 Model	QSL9
	额定功率 (kW) Rated Power	186
	额定转速 (rpm) Rated Rotation Speed	2200
尺寸参数 Dimensions"	峰值扭矩 (Nm) Peak Torque	1085
	标准型 (无配重) : 长 × 宽 × 高 (mm) Standard (without counterweight): L*W*H	9187×2667×3498
	前后桥距 (mm) Front and Rear Axle Base	6300
	中后轮轴距 (mm) Middle and Rear Wheel Base	1524
质量载荷参数 Load Spec.	后桥离地高度 (mm) Clearance from Rear Axle to Ground	370
	标准型 (无配重) (kg) Standard (without counterweight)	17800
作业装置参数 Operating Device Spec.	铲刀长 (mm) Length of Blade	标配 4270(14ft) (standard)
	铲刀高度 (mm) Height of Blade	620
	铲刀倾斜角度 (°) Tilt Angle	±90
	铲刀回转角度 (°) Turning Angle	360
	铲刀最大提升高度 (mm) Max. Lift above Ground	480
	铲刀最大铲土深度 (mm) Max. Depth of Cut	715
运动参数 Running Spec.	铲刀切削角范围 (°) Blade Tip Range	前 40 后 5 Forward 40 Backward 5
	挡位数 Gears	前 8 后 6 8 forward and 6 reverse
	前进挡车速 (km/h) Forward Speed	4.0/5.4/8.0/10.9/19.1/23.4/32.3/46.8
	后退挡车速 (km/h) Reverse Speed	3.2/5.9/8.7/13.5/25.3/37
	前轮转向角度 (°) Steering Angle of Front Wheel	左 50°、右 50° Left 50°, right 50°
	前轮倾斜角度 (°) Tilt Angle of Front Wheel	左 17°、右 17° Left 17°, right 17°
	铰接转向角度 (°) Articulated Steering Angle	左 22°、右 22° Left 22°, right 22°
	前桥摆动角度 (°) Oscillation Angle of Front Axle	上 16°、下 16° Up 16°, down 16°
	最小转弯半径 (m) Min. Turning Radius	7.5
	轮胎型号 Model of Tire	17.5R25
油箱容积 Tank Capacity	液压油箱最大容积 (L) Max. Capacity of Hydraulic Oil Tank	115
	燃油箱最大容积 (L) Max. Capacity of Fuel Tank	340

STANDARD & OPTIONAL CONFIGURATIONS

技术参数

型号 Model	标配 Standard	选配 Optional
SMG200C-8 (PDJ100000066)	14ft 铲刀 14ft Moldboard	12ft 铲刀 12ft Moldboard
	空调 HVAC	/
	/	前推土板 Front Dozer Blade
	/	前松土耙 Front Scarifier
	/	后松土器 Rear Ripper
	警示灯 Warning Light	/
	倒车影像 Rear Camera	/
	/	自动找平系统 Automatic Leveling System

DIMENSIONS

尺寸参数

尺寸代号 Size No.	名称 Name	SMG200C-8 (PDJ100000066)
A	驾驶室顶部高度 (mm) Height to Top of Cab	3498
B	排气管高度 (mm) Height to Exhaust Pipe	2915
C	铲刀提升油缸顶部高度 (mm) Height to Top of Blade Lift Cylinder	3110
D	前桥至铲刀壁间距离 (mm) Length - Front Axle to Moldboard	2500
E	前后桥轴距 (mm) Wheel Base - between Front and Rear Axles	6300
F	中后轮轴距 (mm) Wheel Base - between Middle and Rear Wheel	1516
G	前轮至机器后端长度 (mm) Length - Front Tire to Rear of Machine	9187
H	全长 (mm) 标配 / 前推后松 Overall length - Standard / with Front Dozer Blade and Rear Ripper	11554
I	后轮距 (mm) Width - Rear Tire Center Lines	2220
J	前轮外侧宽度 (mm) Width - Outside Front Tires	2620
K	后轮外侧宽度 (mm) Width - Outside Rear Tires	2667
L	后桥离地间隙 (mm) Ground Clearance at Rear Axle	370

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

