

SANY[®]

STG190C-8S MOTOR GRADER

STG190C-8S 液力式平地机

Power, Precision, and Productivity

190 级别 “全能王”
粗活细活全能干

Precise blade movement 精准控制

- ◆ 30% more sensitive control and operation system with large displacement pump ensures precise and powerful movement;
- ◆ Upgraded maneuvering structure design and joystick control reduce 10%-15% of arm movement.
- ◆ 操控系统灵敏度高于市场同级 30%，配合大排量作业泵，动作精准有力；
- ◆ 操控机构优化设计，手柄操控省力，所需力量小于市场同级 10%~15%；

Long service life 皮实耐用

- ◆ New generation air intake system effectively solves the "premature wear" engine problem;
- ◆ Maintenance-free slewing support structure extends a service life of operating device and rear axle to more than 10000h;
- ◆ 新一代进气系统，有效解决发动机“早磨”问题；
- ◆ 作业装置及后桥为免维护回转支承结构，使用寿命大于 10000h；

High Efficiency 高效施工

- ◆ 200 HP variable power engine brings the maximum traction force exceeds 100kN, second to none in the same class;
- ◆ The variable blade lift modes and fast stroke of cylinder ensures 15% higher efficiency than counterparts;
- ◆ 200 马力变功率发动机，最大牵引力超过 100kN，力量远超市场同级；
- ◆ 铲刀作业范围市场同级最大，同时油缸动作快，作业效率高于市场同级 15%；

Comfortable Cab 舒适驾乘

- ◆ Such driver-friendly devices as sun visor, sun shade, radio, stereo, teacup holder, multi-function storage box, USB are well-equipped.
- ◆ 遮阳板、遮阳帘、收音机、音响、茶杯座、多功能储物盒、USB 手机快充等人性化配置一应俱全。



TECHNICAL PARAMETER

技术参数

型号 Model	STG190C-8S(WEICHAI)	
动力系统参数 Power System Spec.	供应商 Supplier	WEICHAI
	排放等级 Emission	CHINA III
	型号 Model	WP6G200E330
	额定功率 (kW) Rated Power	147
	额定转速 (rpm) Rated Rotation Speed	2200
尺寸参数 Dimensions	峰值扭矩 (Nm) Peak Torque	900
	标准型 (无配重) : 长 × 宽 × 高 (mm) Standard (without counterweight): L×W×H	9340×2740×3348
	前后桥距 (mm) Front and Rear Axle Base	6310
	中后轮轴距 (mm) Middle and Rear Wheel Base	1538
质量载荷参数 Load Spec.	后桥离地高度 (mm) Clearance from Rear Axle to Ground	410
	标准型 (无配重) (kg) Standard (without counterweight)	15800
作业装置参数 Operating Device Spec.	铲刀长 (mm) Length of Blade	3660(12ft) (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	630
运动参数 Running Spec.	铲刀切削角范围 (°) Blade Tip Range"	25-75
	挡位数 Gears	前 6 后 3 6 Forward and 3 Reverse
	前进挡车速 (km/h) Forward Speed	6/10/13/21/27/42
	后退挡车速 (km/h) Reverse Speed	6/13/27
	前轮转向角度 (°) Steering Angle of Front Wheel	±45
	前轮倾斜角度 (°) Tilt Angle of Front Wheel	±17
	铰接转向角度 (°) Articulated Steering Angle	±27
	前桥摆动角度 (°) Oscillation Angle of Front Axle	±16
	轮胎型号 Model of tire	17.5-25(12PR)(standard)
油箱容积 Tank Capacity	液压油箱最大容积 (L) Max. capacity of hydraulic oil tank	140
	燃油箱最大容积 (L) Max. capacity of fuel tank	350

STANDARD & OPTIONAL CONFIGURATIONS

标配选配

型号 Model	标配 Standard	选配 Optional
STG190C-8S (WEICHAI)	12ft 铲刀 12ft Moldboard	14ft 铲刀 14ft Moldboard1
	过载保护结构 Overload Protection Circle Drive	/
	空调 HVAC	/
	/	环境温度为 -20°C, 需加装进气预热系统 Intake Preheater (meet -20°C)
	/	倒车影像 Rear Camera
	/	前推土板 Front Dozer Blade
	/	五齿后松土器 Five-tooth Rear Ripper

DIMENSIONS

尺寸参数

尺寸代号 Size No.	名称 Name	STG190C-8S(WEICHAI)
A	驾驶室顶部高度 (mm) Height to Top of Cab	3348
B	排气管高度 (mm) Height to Exhaust Pipe	2946
C	铲刀提升油缸顶部高度 (mm) Height to Top of Blade Lift Cylinder	2795
D	前桥至铲刀壁间距离 (mm) Length - Front Axle to Moldboard	2568
E	前后桥轴距 (mm) Wheel Base - between Front and Rear Axles	6310
F	中后轮轴距 (mm) Wheel Base - between Middle and Rear Wheel	1538
G	前轮至机器后端长度 (mm) Length - Front Tire to Rear of Machine	8775
H	全长 (mm) 标配 / 前推后松 Overall length - Standard / with Front Dozer Blade and Rear Ripper	9340
I	后轮距 (mm) Width - Rear Tire Center Lines	2280
J	前轮外侧宽度 (mm) Width - Outside Front Tires	2580
K	后桥离地间隙 (mm) Ground Clearance at Rear Axle	410

