

**SANY**<sup>®</sup>

# STG170C-8S MOTOR GRADER

## STG170C-8S 液力式平地机

Power, Efficiency  
Cost Performance  
小投入 大回报  
最强劲的小型平地机

### Fast Driving Speed 行驶速度快

- ◆ Drive forward at 40km/h and backward at 26km/h, the highest speed at the same class for higher efficiency;
- ◆ 前进 40km/h, 后退 26km/h, 同级最高车速, 满足高效施工;

### Excellent Cost Performance 使用成本低

- ◆ With new generation of PSD nanofiltration technology, the air filter maintenance cycle has been increased from 250h to more than 1000h;
- ◆ The operating device and rear axle adopt a maintenance-free slewing support structure, which has strong reliability and a service life of more than 10000h;
- ◆ 新一代 PSD 纳米过滤技术, 空滤保养周期由 250h 提高至 1000h 以上;
- ◆ 作业装置及后桥采用免维护回转支承结构, 可靠性强, 使用寿命大于 10000h;

### Great Tractive Force 牵引力大

- ◆ 180 HP variable power heavy-duty engine exerts maximum tractive force 86kN, 8% higher than products of same class;
- ◆ 180 马力变功率重载发动机, 最大牵引力 86kN, 高于同级产品 8%;

### Easy Maintenance Access 便捷维护

- ◆ The central control system clearly indicates the fault information. The built-in guide ensures fast troubleshooting;
- ◆ Widely open Engine hood, densely arranged filter elements, enlarged space for the rear axle gearbox guarantee easy daily maintenance;
- ◆ 中控系统可明确提示故障信息, 同时内置排故指南, 实现快捷排故;
- ◆ 大开度发动机舱门, 各种滤芯集中布置, 加大后桥变速箱维修空间, 日常保养方便快捷;



# TECHNICAL PARAMETER

## 技术参数

型号 Model	STG170C-8S	
动力系统参数 Power System Spec.	供应商 Supplier	WEICHAI
	排放等级 Emission	CHINA III
	型号 Model	WP6G180E330
	额定功率 (kW) Rated Power	132.5
	额定转速 (rpm) Rated Rotation Speed	2200
尺寸参数 Dimensions	峰值扭矩 (Nm) Peak Torque	750
	标准型 (无配重) : 长 × 宽 × 高 (mm) Standard (without counterweight): L×W×H	8775×2740×3348
	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)	14730
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	5/8/10/18/26/40
	后退挡车速 (km/h) Reverse Speed	5/10/26
	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
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
STG170C-8S	12ft 铲刀 12ft Moldboard	/
	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
	/	前松土器 Front Scarifier
	/	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	STG170C-8S
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	2717
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	8775
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

