

**SANY**<sup>®</sup>

# STG230C-8S MOTOR GRADER

## STG230C-8S 液力式平地机

Power and Reliability, Good for Mining Activity  
更强劲 更可靠 矿用入门神器

### Safety and Comfort 安全舒适

- ◆ ROPS/FOPS cab provides guaranteed frame safety;
- ◆ Equipment such as air conditioner, fan, mechanical suspension seat with a head pillow, are available for operator gaining maximum comfort;
- ◆ ROPS/FOPS 安全驾驶室, 结构安全有保障;
- ◆ 冷暖空调、风扇、带头枕机械悬浮式座椅等舒适性配置一应俱全;

### Reliability 长久可靠

- ◆ The operation device and rear axle adopt maintenance-free slewing bearing structure, and the working hours exceeds 10000h;
- ◆ The rear axle is equipped with heavy chain, integral wheel edge and disc brake, and the structure is safe and reliable;
- ◆ 作业装置及后桥采用免维护回转支承结构, 工作寿命超 10000h;
- ◆ 后桥配备重型链条、整体式轮边及碟刹, 结构安全可靠;

### Strong Power 超强动力

- ◆ SANY Deutz 245 horsepower heavy-duty engine is competent for high-intensity mining activity;
- ◆ Compared with the traditional air filtration, the once-through air intake system has increased 10 times filtration efficiency and filter service life has been extended 4-8times.
- ◆ 三一德茨 245 马力重载发动机, 胜任矿山高强度施工;
- ◆ 直流式进气系统, 与传统空滤相比, 过滤效率提升 10 倍, 滤芯寿命提高 4 ~ 8 倍;

### Simplified Maintenance 便捷维护

- ◆ The central control system has a built-in fault self-diagnosis system and a maintenance alarm, which reminds you the time of maintenance.
- ◆ Large-opening engine compartment door and centralized arrangement of various filters increase the maintenance space of rear axle gearbox, making daily maintenance convenient and fast;
- ◆ 作业装置及后桥采用免维护回转支承结构, 工作寿命超 10000h;
- ◆ 后桥配备重型链条、整体式轮边及碟刹, 结构安全可靠;





# TECHNICAL PARAMETER

## 技术参数

型号 Model	STG230C-8S	
动力系统参数 Power System Spec.	供应商 Supplier	SANY
	排放等级 Emission	CHINA III
	型号 Model	D07S3-245E0
	额定功率 (kW) Rated Power	180
	额定转速 (rpm) Rated Rotation Speed	2200
尺寸参数 Dimensions	峰值扭矩 (Nm) Peak Torque	1024
	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)	16600
作业装置参数 Operating Device Spec.	铲刀长 (mm) Length of Blade	4270mm(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	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
油箱容积 Tank Capacity	轮胎型号 Model of tire	17.5-25(12PR) (standard)
	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
STG230C-8S	14ft 铲刀 14ft Moldboard	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	STG230C-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	3175
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

