

品质改变世界
QUALITY CHANGES THE WORLD

SANY®



三一平地机
SANY MOTOR GRADERS



中国 湖南 长沙经济技术开发区三一工业城
Address: SANY Industry Town, Changsha National Economic & Technical Development Zone,
Hunan, China
邮编 Zip 410100
电话 Tel 0731-84031888 售后服务热线 After-sales service 4008 87 8318
传真 Fax 0731-84031999 咨询投诉电话 Consulting and complaint telephone 4008 87 9318

代理商信息
Agent informatio

如产品配置（含技术参数）发生变动，恕不另行通知，以交机实物为准。
版权为三一重工所有，未经三一重工书面许可，本目录任何部分的内容不得被复制或抄袭用于任何目的。
三一重工市场部制作 2019 年 8 月
© SANY Heavy Industry. No part of the content in this document may be copied or plagiarized for any
purpose without permission in writing from SANY Heavy Industry.

www.sany.com.cn

SANY®



三一云二维码

www.sany.com.cn

创新技术 引领行业

Innovative And Industry
Leading Technologies



P05	三一路机 Sany Road Machinery
P07	SAG200C-8 液压平地机 Hydrostatic Motor Graders STG170/190/210/230 C-8 液力式平地机 Motor Grader
P13	技术参数 Technical Parameter
P17	精益制造 Lean Manufacturing
P19	试验体系 Test System
P21	施工案例 Construction Cases
P23	服务承诺 Service Commitment

三一路面机械

三一重工股份有限公司是国内最大规模的路面机械成套设备供应商之一。产品涵盖摊铺机系列、压路机系列、沥青搅拌设备系列、平地机系列、铣刨机系列。

公司秉承“品质改变世界”的历史使命，以“为客户创造最大价值”为己任，设立三一路机美国研究院和三一路机德国研究院，产品融汇全球最尖端科技，其中由美国设计的重型平地机和德国设计的双钢轮压路机，是具有国际一流水平的精品，其摊铺机和沥青搅拌站连续五年蝉联国内销量第一，为中国第一品牌，畅销全球六十余个国家。

面对高速公路、机场和城市高等级路面施工和全球市场，我们为客户提供路面施工成套设备和系列解决方案。打造无以伦比的服务体系，为客户免除后顾之忧，在中质协服务满意度调查中，三一连续三年获得满意度第一，赢得了客户的高度信赖。“筑路中国·畅行天下”，三一路机将不遗余力地服务于全球经济发展和道路建设。

SANY ROAD MACHINERY

SANY Heavy Industry Co., Ltd. is one of the largest complete equipment suppliers of road machinery. The products cover pavers, rollers, asphalt batching plants, graders, and milling machines etc.

Taking “Quality changes the world” as the mission and “Creating the greatest values for customers” as the duty, Hunan SANY Road Machinery Co., Ltd., has set up SANY (USA) Road Machinery Institute and SANY (Germany) Road Machinery Institute and integrated the most cutting-edge technologies into its products, of which: heavy graders designed by the United States and double drum vibratory rollers designed by Germany are high-quality products of internationally top level; the pavers and asphalt batching plants, having been best sellers in China for 5 consecutive years, are No.1 brand in China and sold well in over 60 countries across the world.

Faced with the construction of expressways, roads in airports and urban high-class roads and with the global market, we provide road construction complete equipment and series of solutions. We have created an unmatched service system to eliminate the customers' worries. In the service satisfaction surveys performed by China Association for Quality, SANY has ranked No.1 for 3 consecutive years and won high trust from the customers. Keeping “Construct roads in China, Connect with the world freely” in mind, SANY Road Machinery Co., Ltd. will spare no effort in serving the global economic development and road construction.

STG 170/190/210/230C-8 液力式平地机

STG170/190/210/230C-8 MOTOR GRADER

重载可靠 安全舒适

RELIABLE WITH HEAVY LOAD, COMFORTABLE WITH HIGH EFFICIENCY

- **高效节能**：重载发动机及变功率技术
- **人性化设计**：安全舒适的驾乘体验
- **重载可靠**：回转支承结构作业装置及后桥
- **使用便捷**：维修保养方便，使用成本低

SAG200C-8 液压传动平地机

SAG200C-8 HYDRO-MECHANICAL MOTOR GRADER

智能高效 安全舒适

INTELLIGENT & EFFICIENT SAFE & COMFORTABLE

- **智能高效**：全球首创液压机械复合传动系统
- **人性化设计**：安全舒适的驾乘体验
- **重载可靠**：回转支承结构作业装置及后桥
- **使用便捷**：维修保养方便，使用成本低



**RELIABLE WITH HEAVY LOAD,
COMFORTABLE WITH HIGH EFFICIENCY**
Efficient and energy-saving: heavy-load engine and VHP technology.
Humanized design: safe and comfortable ride and operation experience.
Reliable with heavy load: reliable rear axle and work implements of rotary bearing structure.
Comfortable and convenient: easy maintenance and low operation cost.

Intelligent & efficient Safe & comfortable
Intelligent and efficient: world-first hydro-mechanical compound drive system.
Humanized design: safe and comfortable driving experience.
Reliable heavy-load: slewing bearing operation unit and rear axle.
Comfort and convenience: easy maintenance; low cost.

SAG200C-8 液压传动平地机

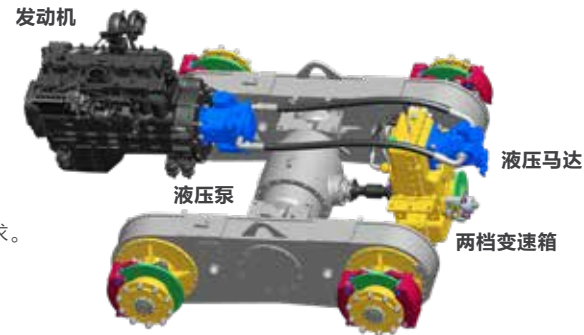
SAG200C-8 MOTOR GRADER

全球首创液压机械复合传动系统

- 集机械与液压传动优势于一体，动力强劲、操作简便。
- 通过液压泵、马达双重调节实现无级变速，换挡平顺，舒适。
- 作业 / 行车两种工作模式，前 10 后 10 挡位可满足多种工况需求。
- 电液控制盘式驻车制动，操作简便，安全可靠。

WORLD-FIRST HYDRO-MECHANICAL COMPOUND DRIVE SYSTEM

- Set mechanical and hydraulic advantages in one; strong power; simple to handle
- Infinitely variable can be realized through double regulation of hydraulic pump and motor; smooth and comfort shift
- Two working modes of operating/driving; the first ten and the last ten gears can meet various demands of working conditions.
- Parking brake with electric-hydraulic control panel; easy operation; safe and reliable.



发动机：动力强劲，高效可靠

- 东康 164 kW 电喷发动机，动力强劲。
- 德国 Bosch 喷油系统，节能环保，质量可靠。
- 标配低温冷启动功能。

MOTOR: STRONG POWER; EFFICIENT AND RELIABLE

- Dongkang 164kW electrical injection engine; strong power
- German Bosch fuel injection system; energy saving and environmental protection; reliable quality
- Standard cold-starting function at low temperature

回转支承结构工作装置及精大后桥

- 工作装置为全密封回转支承结构，作业精度高，维护方便，使用成本低，寿命大于 10000h。
- 后桥为回转支承结构，替代传统的铜套结构，维护方便，传动精度高，寿命大于 10000 小时。
- 前 4 后 2 碟刹，比鼓刹制动距离短，安全性高，维护成本低。

RELIABLE REAR AXLE AND WORK IMPLEMENTS OF ROTARY BEARING STRUCTURE

- Work implements adopt fully-sealed rotary bearing structure, which provides easy maintenance, high operation accuracy, low cost, and service life longer than 10000h.
- Rear axle adopts rotary bearing structure instead of conventional copper sleeve structure, which provides easy maintenance, high operation accuracy and service life longer than 10000h.
- 4-front and 2-rear disc-type brake is safer than drum brake with less braking distance and maintenance cost.



回转支承工作装置

保养简单便捷

- 高端 SYCD 液晶显示屏，多种语言显示。
- 双侧大开度发动机舱门，维修空间大，日常维护易于靠近。
- 常用电气元件集中布置，电气线路检修方便。
- 350L 超大燃油箱布置在机架后方，燃油加注方便。
- 随机赠送多种滤芯及易损件，27 种随车维修工具。



EASY AND CONVENIENT MAINTENANCE

- High-end SYCD liquid crystal display has operation instructions in multiple languages.
- Engine hood with wide opening provides large maintenance space and is easy to access for daily maintenance.
- Centralized arrangement of common electrical elements is more convenient for inspection and maintenance.
- Fuel tank of super-large capacity is located at the rear of frame, which is convenient for fuel filling.
- Various filter elements and wearing parts, as well as 27 high-quality maintenance tools are provided along with the machine.

安全舒适的驾乘体验

- ROPS/FOPS 安全驾驶室，轿车级内饰、冷暖空调、电风扇，收音机、音响、茶杯座、点烟器（同轿车 USB 接口）。
- 左右推拉窗，遮阳板、遮阳帘、双后视镜、带头枕的高靠背机械悬浮式座椅，前后上下可调整。
- LED 工作灯、全方位立体式布置、夜间照明无盲区。

SAFE AND COMFORTABLE RIDE AND OPERATION EXPERIENCE

- ROPS/FOPS safe cab is equipped with high-grade interior, air conditioner with cooling and heating functions, fan, radio, sound system, cup holder, and cigar lighter (the same as USB interface in car).
- It also has horizontal sliding window, sun visors, curtains radio, double rear view mirrors, and mechanical suspension seat with head rest.
- With LED lamps arranged at multiple positions, the operator has better vision at night.



SANY MOTOR GRADERS

STG 170/190/210/230C-8 液力式平地机

STG170/190/210/230C-8 MOTOR GRADER



STG170/190 /210C-8 用发动机



STG230C-8 用发动机

动力强劲，高效节能

- 潍柴 / 三一动力大功率重载发动机，动力强劲。
- 变功率 (VHP) 技术，轻载、中载、重载三种工况匹配不同的功率曲线，使机器始终工作在最低油耗区。

POWERFUL ENGINE WITH HIGH EFFICIENCY AND LESS FUEL CONSUMPTION

- WEICHAI/SANY high-power and heavy-load engine is strong and powerful.
- VHP technology can adapt to different work conditions, such as light load, middle load and heavy load, with different power curves, so that the machine can always work within the minimum fuel consumption range.

回转支承结构工作装置及精大后桥

- 工作装置为全密封回转支承结构，作业精度高，维护方便，使用成本低，寿命大于 10000h。
- 后桥为回转支承结构，替代传统的铜套结构，维护方便，传动精度高，寿命大于 10000h。
- 前 4 后 2 碟刹，比鼓刹制动距离短，安全性高，维护成本低。

RELIABLE REAR AXLE AND WORK IMPLEMENTS OF ROTARY BEARING STRUCTURE

- Work implements adopt fully-sealed rotary bearing structure, which provides easy maintenance, high operation accuracy, low cost, and service life longer than 10000h.
- Rear axle adopts rotary bearing structure instead of conventional copper sleeve structure, which provides easy maintenance, high operation accuracy and service life longer than 10000h.
- 4-front and 2-rear disc-type brake is safer than drum brake with less braking distance and maintenance cost.



回转支承工作装置

保养简单便捷

- 高端 SYCD 液晶显示屏，多种语言显示。
- 双侧大开度发动机舱门，维修空间大，日常维护易于靠近。
- 常用电气元件集中布置，电气线路检修方便。
- 350L 超大燃油箱布置在机架后方，燃油加注方便。
- 随机赠送多种滤芯及易损件，27 种随车维修工具。



EASY AND CONVENIENT MAINTENANCE

- High-end SYCD liquid crystal display has operation instructions in multiple languages.
- Engine hood with wide opening provides large maintenance space and is easy to access for daily maintenance.
- Centralized arrangement of common electrical elements is more convenient for inspection and maintenance.
- Fuel tank of super-large capacity is located at the rear of frame, which is convenient for fuel filling.
- Various filter elements and wearing parts, as well as 27 high-quality maintenance tools are provided along with the machine.

安全舒适的驾乘体验

- ROPS/FOPS 安全驾驶室，轿车级内饰、冷暖空调、电风扇，收音机、音响、茶杯座、点烟器（同轿车 USB 接口）。
- 左右推拉窗，遮阳板、遮阳帘、双后视镜、带头枕的高靠背机械悬浮式座椅，前后上下可调整。
- LED 工作灯、全方位立体式布置、夜间照明无盲区。

SAFE AND COMFORTABLE RIDE AND OPERATION EXPERIENCE

- ROPS/FOPS safe cab is equipped with high-grade interior, air conditioner with cooling and heating functions, fan, radio, sound system, cup holder, and cigar lighter (the same as USB interface in car).
- It also has horizontal sliding window, sun visors, curtains radio, double rear view mirrors, and mechanical suspension seat with head rest.
- With LED lamps arranged at multiple positions, the operator has better vision at night.



SANY MOTOR GRADERS

技术参数

产品型号		STG170C-8	STG190C-8	STG210C-8	STG230C-8	SAG200C-8
基本参数	发动机型号	潍柴 WP6G175E301(国Ⅲ)	潍柴 WP6G200E330(国Ⅲ)	潍柴 WP6G210E330(国Ⅲ)	三一 D07S3-231E0(国Ⅲ)	东康 QSB6.7-C220(欧Ⅲ)
	额定功率（kW）/ 转速（rpm）	129/2000	147/2200	154/2200	170/2200	164/2200
	最大输出扭矩(N.m)/转速(rpm)	760/1300 ~ 1500	900/1400 ~ 1600	900/1400 ~ 1600	835/1300 ~ 1900	949/1500
	标配外形尺寸(mm)	8580×2740×3310	9080×2740×3310	9080×2740×3310	9080×2740×3310	9200×2740×3310
	标配工作质量(kg)	14500（无配重）	15800（带前后配重）	16200（带前后配重）	16600（带前后配重）	16300（带前后配重）
	轮胎规格 / 层级	17.5-25 12PR	17.5-25 12PR	17.5-25 12PR	17.5-25 12PR	17.5-25 12PR
性能参数	前进车速（km/h）	5/7/12/18/26/36	6/10/13/21/27/42	6/10/13/21/27/42	6/10/13/21/27/42	作业：3/5/7/9/13 行车：6/10/16/28/38
	后退车速（km/h）	5/12/26	6/13/27	6/13/27	6/13/27	作业：3/5/7/9/13 行车：6/10/16/28/38
	最小转弯半径(m)	7.3	7.3	7.3	7.3	7.3
	作业液压系统最大压力（MPa）	18	18	18	18	18
	变速箱换挡系统压力（MPa）	1.3 ~ 1.7（杭齿）	1.3 ~ 1.7（杭齿）	1.6 ~ 1.8（ZF）	1.6 ~ 1.8（ZF）	1.8 ~ 2.2（SANY）
工作装置参数	铰接最大转向角度		±27	±27	±27	±27
	前轮最大转向角（°）		±45	±45	±45	±45
	前轮最大倾斜角（°）		±17	±17	±17	±17
	前桥最大摆动角（°）		±16	±16	±16	±16
	平衡箱最大摆动角（°）		±15	±15	±15	±15
	后桥离地高度(mm)		410	410	410	410
	铲刀运动参数	长度×弦高(mm)	3965×620	3965×620	3965×620	3965×620
		最大提升高度（°）	450	450	450	450
		最大铲土深度(mm)	630	630	630	630
		最大倾斜角度（°）	±90	±90	±90	±90
		切削角范围（°）	25 ~ 75	25 ~ 75	25 ~ 75	25 ~ 75
		回转角（°）	360	360	360	360
	松土器参数	最大入土深度(mm)	435	435	435	435
		最大提升高度(mm)	595	595	595	595
		最大离去角度（°）	15	15	15	15
		最大工作宽度(mm)	2060	2060	2060	2060
	推土板参数	最大入土深度(mm)	229	229	229	229
		最大提升高度(mm)	614	614	614	614
		最大入土角（°）	63	63	63	63
		最大工作宽度(mm)	2740	2740	2740	2740

备注：标准操作质量包括标准配置的 17.5-25 新轮胎，满载燃油、冷却液、润滑剂以及 75kg 操作手。

TECHNICAL PARAMETER

Product Type		STG170C-8	STG190C-8	STG210C-8	STG230C-8	SAG200C-8
Basic parameters	Engine model	WEICHAI WP6G175E301(CN Ⅲ)	WEICHAI WP6G200E330(CN Ⅲ)	WEICHAI WP6G210E330(CN Ⅲ)	SANY D07S3-231E0(CN Ⅲ)	DONGKANG QSB6.7-C220(Euro Ⅲ)
	Rated power (kW) /speed (rpm)	129/2000	147/2200	154/2200	170/2200	164/2200
	Max. output torque (N.m) /speed (rpm)	760/1300 ~ 1500	900/1400 ~ 1600	900/1400 ~ 1600	835/1300 ~ 1900	949/1500
	Overall dimensions of standard machine	8580×2740×3310	9080×2740×3310	9080×2740×3310	9080×2740×3310	9200×2740×3310
	Operating weight of standard machine	14500 (without counterweight)	15800(with front & rear counterweights)	16200(with front & rear counterweights)	16600(with front & rear counterweights)	16300(with front & rear counterweights)
	Tire spec.(PR)	17.5-25 12PR	17.5-25 12PR	17.5-25 12PR	17.5-25 12PR	17.5-25 12PR
Performance parameters	Forward speed (km/h)	5/7/12/18/26/36	6/10/13/21/27/42	6/10/13/21/27/42	6/10/13/21/27/42	work: 3/5/7/9/13 travel: 6/10/16/28/38
	Reverse speed (km/h)	5/12/26	6/13/27	6/13/27	6/13/27	work: 3/5/7/9/13 travel: 6/10/16/28/38
	Min. turning radius (m)	7.3	7.3	7.3	7.3	7.3
	Max. pressure of operating hydraulic system (Mpa)	18	18	18	18	18
	Transmission control pressure for gearshift (Mpa)	1.3 ~ 1.7（Advance）	1.3 ~ 1.7（Advance）	1.6 ~ 1.8（ZF）	1.6 ~ 1.8（ZF）	1.8 ~ 2.2（SANY）
	Max. steering angle of articulation（°）	±27	±27	±27	±27	±27
Parameters of work implements	Max. steering angle of front wheel（°）	±45	±45	±45	±45	±45
	Max. tilt angle of front wheel（°）	±17	±17	±17	±17	±17
	Max.swing angle of front axle（°）	±16	±16	±16	±16	±16
	Max.swing angle of tandem drive case(°）	±15	±15	±15	±15	±15
	Ground clearance at rear axle（mm）	410	410	410	410	410
	Blade length × arc radius (mm)	3965×620	3965×620	3965×620	3965×620	3965×620
	Max. lift above ground (mm)	450	450	450	450	450
	Max. cutting depth (mm)	630	630	630	630	630
	Max. tilt angle（°）	±90	±90	±90	±90	±90
	Blade tip range（°）	25 ~ 75	25 ~ 75	25 ~ 75	25 ~ 75	25 ~ 75
	Rotation angle（°）	360	360	360	360	360
	Max. depth into earth（°）	435	435	435	435	435
	Max. lift above ground（°）	595	595	595	595	595
	Max. angle of departure（°）	15	15	15	15	15
	Max.operating width (mm)	2060	2060	2060	2060	2060
	Max. depth into earth（°）	229	229	229	229	229
	Max. lift above ground（°）	614	614	614	614	614
	Max. angle into earth（°）	63	63	63	63	63
	Max.operating width (mm)	2740	2740	2740	2740	2740

Notes:Operating weight of standard machine includes tire of 17.5-25, fuel of full tank, coolant, lubricant and operator of 75kg.

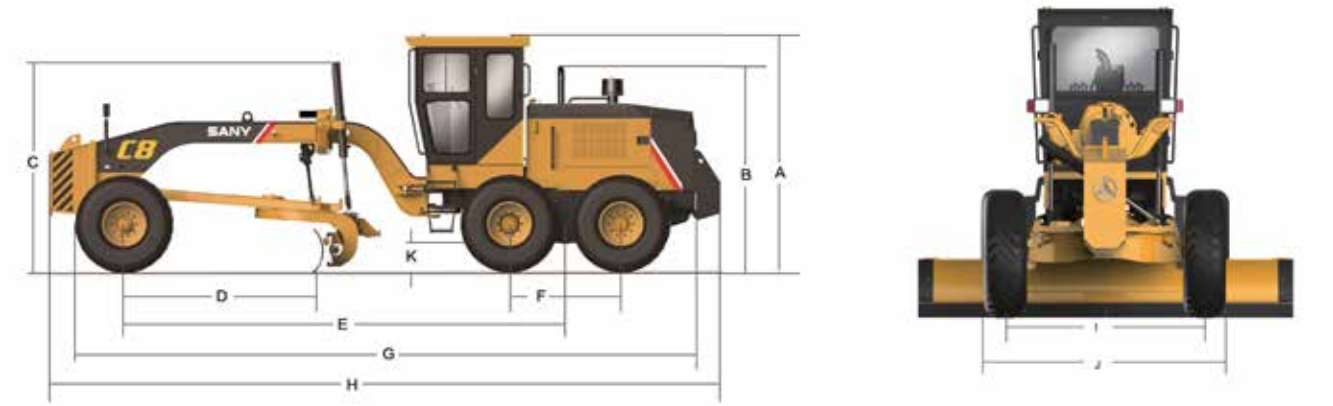
三一平地机加 / 选配表

型号 / 配置		STG170C-8	STG190C-8	STG210C-8	STG230C-8	SAG200C-8
变速箱	标配	杭齿	杭齿	ZF	ZF	三一两档箱
	选配	ZF	ZF	杭齿	杭齿	/
后桥	标配	精大（碟刹）	精大（碟刹）	精大（碟刹）	精大（碟刹）	精大（碟刹）
	选配	美驰（鼓刹）	美驰（鼓刹）	美驰（鼓刹）	美驰（鼓刹）	美驰（鼓刹）
铲刀	标配	13ft(3965mm)	13ft(3965mm)	13ft(3965mm)	13ft(3965mm)	13ft(3965mm)
	选配	/	14ft(4270mm)	14ft(4270mm)	14ft(4270mm)	14ft(4270mm)
摆架	标配	手动插销	手动插销	电液插销	电液插销	电液插销
	选配	电液插销	电液插销	/	/	/
蜗轮箱	标配	普通结构	普通结构	过载保护结构	过载保护结构	过载保护结构
	选配	过载保护结构	过载保护结构	/	/	/
高原型	标配	海拔高度低于 2500m 可正常使用				
	加配	海拔高度为 2500m < h ≤ 5000m，需加装进气预热 + 高原型风扇				/
高寒型	标配	环境温度为 -10℃ ~ 40℃可正常使用				
	加配Ⅰ	环境温度为 -20℃ ~ 40℃，需加装进气预热系统				标配
	加配Ⅱ	环境温度为 -35℃ ~ 40℃，在加配Ⅰ基础上增加冷却液预热系统 + 高寒型蓄电池（订货周期为 60 天）				
倒车影像	加配	可选	可选	可选	可选	可选
警示灯	加配	可选	可选	可选	可选	可选
前推土板	加配	可选	可选	可选	可选	可选
后推土板	加配	可选	可选	可选	可选	可选

尺寸代号 SIZE	名称 ITEM	STG 170C-8	STG 190C-8	STG 210C-8	STG 230C-8	SAG 200C-8
A	驾驶室顶部高度（mm） Height to top of cab	3310	3310	3310	3310	3310
B	排气管高度（mm） Height to exhaust pipe	2830	2885	2885	2885	2720
C	铲刀提升油缸顶部高度（mm） Height to top of blade lift cylinder	2900	2900	2900	2900	2900
D	前桥至铲刀壁间距离（mm） Front axle to blade	2500	2500	2500	2500	2500
E	前后桥轴距（mm） Wheel base (between front and rear axles)	6127	6082	6082	6082	6127
F	中后轮轴距（mm） Wheel base (between middle and rear wheels)	1538	1538	1538	1538	1538
G	前轮至机器后端长度（mm） Front tire to rear of machine	8580	8580	8580	8580	8700
H	全长（mm）标配 / 前推后松 Overall length (with front push plate and rear scarifier)	8580/11100	9080/11100	9080/11100	9080/11100	9200/11220
I	后轮距（mm）精大 / 美驰 Width (tire center lines)	2280/2170	2280/2170	2280/2170	2280/2170	2280/2170
J	前轮外侧宽度（mm） Width (outside front tires)	2580	2580	2580	2580	2580
K	后桥离地间隙（mm） Ground clearance at rear axle	410	410	410	410	410

LIST OF ADDITIONAL/OPTIONAL CONFIGURATION FOR SANY MOTOR GRADERS

Configure/Type		STG170C-8	STG190C-8	STG210C-8	STG230C-8	SAG200C-8
Transmission	Standard Configuration	Advance	Advance	ZF	ZF	Sany Two Gear
	Optional	ZF	ZF	Advance	Advance	/
Rear axle	Standard Configuration	Jingda (disc-type brake)	Jingda (disc-type brake)	Jingda (disc-type brake)	Jingda (disc-type brake)	Jingda (disc-type brake)
	Optional	Meritor (Drum brake)	Meritor (Drum brake)	Meritor (Drum brake)	Meritor (Drum brake)	Meritor (Drum brake)
Blade	Standard Configuration	13ft(3965mm)	13ft(3965mm)	13ft(3965mm)	13ft(3965mm)	13ft(3965mm)
	Optional	/	14ft(4270mm)	14ft(4270mm)	14ft(4270mm)	14ft(4270mm)
Swing frame	Standard Configuration	Manual type	Manual type	Electrohydraulic control	Electrohydraulic control	Electrohydraulic control
	Optional	Electrohydraulic control	Electrohydraulic control	/	/	/
Circle drive	Standard Configuration	Regular type	Regular type	With overload protection	With overload protection	With overload protection
	Optional	With overload protection	With overload protection	/	/	/
Plateau type	Standard Configuration	It can work normally at the altitude lower than 2500m.				
	Added	Air intake preheating system and fan for use in plateau area should be added to it at the altitude equal to or higher than 2500m.				/
Alpine Type	Standard Configuration	It can work normally at the ambient temperature within -10℃ to 40℃				-20℃ ~ 40℃
	Added I	Air intake preheating system should be added to it at the ambient temperature within -20℃ ~ 40℃				Standard Configuration
	Added II	In additon to added I function, coolant preheating system and battery for use in alpine area should be added to it at the ambient temperature within-35℃ ~ 40℃ (The lead time will be 60 days)				
Rear view camera (RVC)	Added	Optional	Optional	Optional	Optional	Optional
Warning light	Added	Optional	Optional	Optional	Optional	Optional
Front push plate	Added	Optional	Optional	Optional	Optional	Optional
Rear scarifier	Added	Optional	Optional	Optional	Optional	Optional



LEAN MANUFACTURING

精益制造

路机人挥洒汗水，精益求精
不断刷新中国制造的更高水平
更多的“第一”背后
是路机人改写中国制造至中国创造的实干之心

Personnel in the Company make every efforts to constantly strive for perfection and continuously achieve a higher Chinese manufacturing level;
Behind various reputable “No.1” achievements is their ambition to realize Chinese creation from Chinese manufacturing.



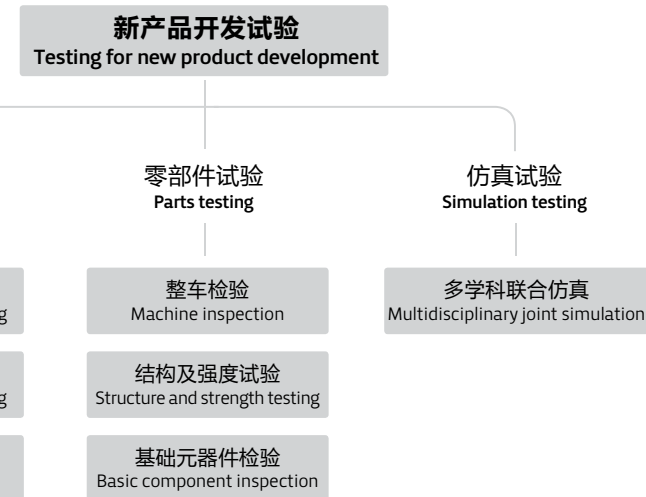
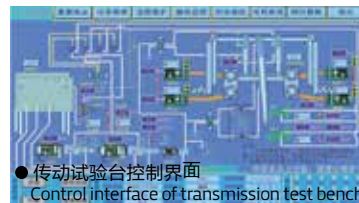
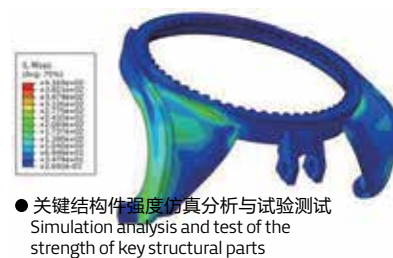
精心设计、优化布局、技术革新、注重品控，实现路机产品全面流水化制造
生产管理信息化（MES 系统）、全自动焊接机器人、AGV 小车、自动化立体仓库……
不断开展自动化、智能化的创新研究，“新工艺、新设备、新材料”的广泛应用，极尽苛刻的质量品控，使得每一件路机产品至臻完美，面对各种复杂作业环境尽显卓越性能

三一人执着地闯出一条崭新的科技发展之路，为中国工程机械行业树立了全新的标杆
With meticulous design, optimal layout, technical innovation and emphasis on quality, the product can realize the full automatic manufacturing process of road machinery.
Production management information (MES system), full automatic welding robot, AGV trolley and automatic 3D warehouse...
With a strong focus on the innovation research of automation and intelligence constantly, the Company has applied “new technology, new equipment and new materials” widely and is always strictly on product quality to make all the road machine products perfect. The machines can show their superior performance under all different complicated operating environments.

All the staffs in Sany are brave to make scientific development, setting a typical example for Chinese engineering machinery industry.

TEST SYSTEM

试验体系



研发试验体系

为打造一个国际领先的路面机械研发平台，三一路机依托工程机械远程监控服务与故障诊断实验室、液压实验室、机电液控与仿真实验室、柴油机实验室、设备疲劳（寿命）实验室、焊接实验室、强度（应力）实验室、耐磨材料实验室、汽车底盘全自动检测线等 9 大试验检测中心及 58 个企业级实验室，形成跨体系跨部门产品开发流程；

通过“试验基础设施、新产品开发试验、客户体验平台、工况模拟数据库”建设，建立了整车试验、零部件试验和仿真试验三级试验体系，目前已具备沥青站、摊铺机、平地机、压路机、铣刨机的开发及相关核心技术的研究、试验能力，全面提升研发核心竞争力。

R & D AND TEST SYSTEM

In order to create a world leading R & D platform for road machinery, Sany Road Machinery Co., Ltd. has formed a multi-system-and-department product development process in virtue of its 9 test and inspection centers such as remote monitoring service and fault diagnosis lab for engineering machinery, hydraulic lab, electromechanical hydraulic control and simulation lab, diesel lab, equipment fatigue (service life) lab, welding lab, strength (stress) lab, wearing resistant materials lab, auto chassis full automatic detection line and 58 enterprise labs.

By constructing “test infrastructure, new product development test, customer experience platform and working condition simulation database”, Sany has established a 3-level system including whole vehicle test, parts test and simulation test; it has owned the development and relevant core technology research and test capacity of asphalt batching plant, paver, grader, road roller and milling machine.

CONSTRUCTION CASES 施工案例



地点：新疆
时间：2017 年 10 月
项目：新疆线阿喀段施工

Construction Cases
Location: Xinjiang
Time: October, 2017
Project: Xinjiang Ake section construction site



地点：西藏
时间：2016 年 8 月
项目：STG190C-8 平地机在海拔 5000 米的西藏阿里施工

Construction Cases
Location: Tibet
Time: August, 2016
Project: STG190C-8 working at 5000m altitude construction site in Ali Tibet construction site

地点：北京
时间：2018 年 4 月
项目：北京环球主题公园土方填垫

Location: Beijing
Date: April, 2018
Project: Filling earthwork at Universal Theme Park in Beijing



地点：湖南长沙
时间：2018 年 1 月
项目：平地机长沙市区破冰除雪

Construction Cases
Location: Changsha Hunan
Time: January, 2018
Project: Motor grader clear snow and ice at Changsha city



三一路机 “123” 价值服务承诺

Road Machinery Product "123" Value Service Commitment

1 送
SANY

购买三一路机设备免费赠送人工服务费

- ◆ 路机产品按《操作保养手册》保养节点且使用三一纯正配件，免收人工服务费。

2 保
SANY

黑色路面产品关重部件保修期为 2 年或 2000 小时（先到为准）

- ◆ 产品范围：摊铺机、双钢轮压路机、轮胎压路机、沥青搅拌站。

3 补
SANY

补偿一

- ◆ 产品质量问题引起停机故障 48 小时内未修复，优先提供备用机、无法提供备用机的按标准补偿；

补偿二

- ◆ 购买常用件 24 小时内未发货按标准补偿；

补偿三

- ◆ 压路机、平地机常用件高于市场价、按差价的 2 倍补偿。

以上条款的最终解释权归三一重工所有

售后服务热线
After-sale services
hotline

4008 87 8318

咨询投诉电话
Consulting and
complaint telephone

4008 87 9318



Clients who purchased SANY Road Machinery Equipments will be free of labor service fee

- ◆ Road machinery products shall be free of labor maintenance fee in accordance with the requirements of the Operation and Maintenance Manual for maintenance time nodes and using SANY certified accessories.

The warranty period for key parts of black Road Machinery Product is 2 years or 2,000 hours (whichever ends first)

- ◆ Product scope: Paver, Double Steel Roller, Tyre Roller, Asphalt Batching Plant.

Compensation I

- ◆ If the machine failure caused by product quality problems has not been repaired within 48 hours, clients should be provided the standby machine priority, and the situation where the standby machine cannot be used should be compensated according to the compensation standard.

Compensation II

- ◆ Clients will be compensated for non-delivery of common parts within 24 hours after purchase according to the compensation standard;

Compensation III

- ◆ If the price of common parts of Road Roller and Grader is higher than market price, clients will be compensated by 2 times the price difference.

The final interpretation of the above terms is owned by SANY Heavy Industry

