



S RTP60L

SANY RUBBER TRACK PLATFORM

三一橡胶履带平台



■ www.sanygroup.com

QUALITY CHANGES THE WORLD

The parameters, pictures and standard/optional equipment are only for reference in this brochure, the actual machine is based on the effective price list and contract.

推介书内的参数、图片和配置仅供参考，实际配置以实物为准。

V1.1

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01

Introduce

整机优势

6t

Rated Load Capacity
额定载重量

10.5km/h

Max. Travel Speed
最大行驶速度

60%/31°

Max. Gradeability
最大爬坡能力

25/43kPa

Ground Pressure
接地比压

Value Benchmark 价值典范

- Master of Transport on Harsh Terrain: Exceptional site adaptability, especially suitable for extreme conditions such as mountainous areas, swamps, deserts, and snowfields.
- Multi-Functional with Easy Installation: High customization capability with reserved interfaces, compatible with various work attachments.
- 恶劣地形运输能手：场地适应性强，特别适用于山地、沼泽、荒漠、雪地等极限路况；
- 一机多用加装无忧：定制化程度高，预留接口，可搭载不同的作业装置。

Powerful Performance 性能强劲

- 92 kW engine (China IV/Euro III/Euro V) ensures robust power output and easy maintenance.
- The HST closed-loop electronic control drive system delivers strong driving force and excellent climbing performance.
- Equipped with heavy-duty rubber tracks and a reinforced track roller system for smooth and high-speed travel.
- 92kW 发动机(国四/欧三/欧五)，动力充沛，维保便捷；
- HST闭式电控驱动系统，驱动力强劲，爬坡性能优越；
- 工程专用橡胶履带+加强型浮动轮系，行驶平稳高速。

Comfortable Driving Experience 驾乘舒适

- The ROPS & FOPS cab offers an adjustable gravity seat with armrest support and a safety belt, ensuring comfort and safety.
- Dual electronic control joysticks provide stepless speed adjustment with millisecond response, ensuring smooth starts and stops.
- Passive negative torque control allows automatic switching between high and low speeds, providing smooth deceleration on slopes and climbing assistance.
- ROPS&FOPS司机室，座椅重力可调&扶手托&安全带，舒适有保障；
- 电控双手柄，无极调速，毫秒响应，启停平稳；
- 被动负扭矩控制，自动切换高低速(坡道缓降/爬坡辅助)。

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SANY RUBBER TRACK PLATFORM

Safe and Smart Operation 舒适安全

- The 10.1-inch integrated display provides a clear view of operational and maintenance information.
- Dual vision with front and rear cameras, including a reversing camera, eliminates blind spots.
- One-touch safety lock ensures secure switching of attachments for safer operations.
- Optional wireless remote control enables integrated machine operation, ensuring safe and efficient performance on extreme terrain.
- 10.1寸集成大屏，运行维保信息一览无余；
- 前后双视，倒车影像，扫清盲区障碍；
- 一键安全锁定，属具切换作业更安全；
- 选配无线遥控，整机操作集成化，极限地形作业无忧。

Optional Configurations 可选配置

- Standard: $3 \times 2.1 \times 0.45$ m Cargo Bed.
- Optional: $3.3 \times 2.1 \times 0.45$ m Extended Cargo Bed / Folding Arm + $2.7 \times 2.1 \times 0.45$ m Cargo Bed + Rear Outriggers / Bulldozer Blade / Lifiable Cargo Bed.
- 标配：3x2.1x0.45m货斗；
- 选配：3.3x2.1x0.45m加长货斗/折叠臂+2.7x2.1x0.45m货斗+后支腿/推土铲/升降货斗。

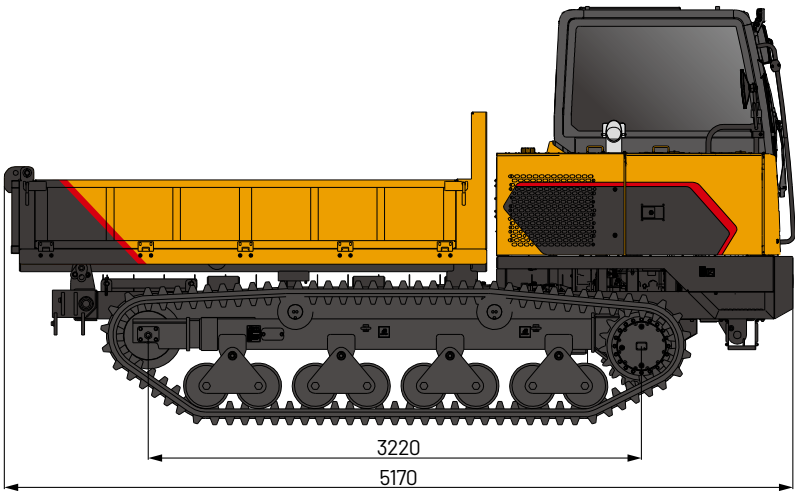
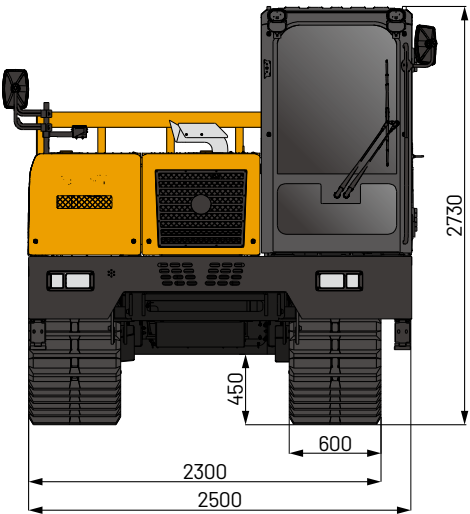


02

Outline Dimension

整机基本尺寸

Max.Transportation Dimensions (L × W × H) 最大运输尺寸 (长 × 宽 × 高)	5170mm(5470) × 2500mm × 2730mm
Max. Single Piece Transportation Weight 最大单件运输重量	7.5t
Track Shoe Width 履带板宽度	600mm
Wheelbase × Track Gauge 轮距 × 轨距	3220mm × 1700mm
Min. Ground Clearance 最小离地间隙	450mm



Note: Above images may contain equipment specifications, accessories and optional parts.
备注：以上图片可能包含设备规格、附件和选配部件。

03

Main Performance Parameters

主要性能参数

Item 项目		Unit 单位	Value 参数
Performance Parameters 性能参数			
Maximum Rated Load 最大额定载重量		t	6
Dump Angle 卸料角度		°	52
Power Parameters 动力参数			
Engine Model 发动机型号		-	YCF36125-T482 (Yuchai玉柴) WP4.1G125-E302 (Weichai潍柴)
Engine Maximum Power 发动机最大功率		kW	92
Engine Maximum Torque 发动机最大输出扭矩		N·m/rpm	480/1400~1600
Fuel Tank Capacity 燃油箱容积		L	175
Travel Parameters 行驶参数			
Maximum Travel Speed (Unloaded/Full-Loaded) 最高行走速度(空载/满载)		km/h	10.5/6.4
Gradeability 爬坡能力		-	60% /31°
Weight Parameters 重量参数			
Machine Weight (with 3m³ Cargo Bed) 整机质量(3m货斗)		t	7.5
Average Ground Pressure (Unloaded/Full-Loaded, with 3m³ Cargo Bed) 平均接地比压(空载/满载)(3m货斗)		kPa	25/43
Attachment Parameters 属具参数			
Folding Boom (International Model) SPK6500B 折叠臂(国际)	Maximum Lifting Capacity 最大起重量	kg	3200
	Maximum Lifting Moment 最大起重力矩	t·m	5.8
	Maximum Working Radius 最大工作幅度	mm	7400
	Slewing Angle 回转角度	°	400
Dozer Blade 推土铲	Digging Depth 下挖深度	mm	140
	Lifting Height 提升高度	mm	480
Lifted Cargo Bed 升降货斗	Lifting Height 举升高度	mm	1500

04 | Main Characteristics

主要特性

1 Product Specification 产品规格

Cabin 驾驶室

- Based on the SY75 series mini excavator cabin, with optional top guard and front guard.
- Compliant with ROPS & FOPS standards.
- The seat offers adjustable gravity, equipped with armrests and a seat belt, ensuring comfortable driving experience.
- 同小挖SY75系列，可选配顶护栏和前护栏。
- 满足ROPS&FOPS标准。
- 座椅重力可调，带扶手托和安全带，驾乘舒适有保障。

Power System 动力系统

- Engine Options: Yuchai YCF36 (T4F) / Weichai WP4.1G (T3); No DEF required, cost-effective and worry-free.
- Rated Power: 92kW.
- Maximum Output Torque: 480N·m.
- Dual-purpose plate-fin radiator with large-diameter fan, ensuring normal operation in ambient temperatures up to 50°C.
- 玉柴YCF36(T4F)/潍柴WP4.1G(T3)/免加尿素，省钱省心；
- 额定功率：92kW；
- 最大输出扭矩：480N·m；
- 二合一板翅式散热器，大直径风扇，确保50°环境温度下正常作业。

Hydraulic System 液压系统

- Includes: Travel Hydraulic System, Cooling Hydraulic System, Servo Hydraulic System, and Auxiliary Hydraulic System.
- Features:
- HST Electronic Control Closed-Loop Drive System, offering stepless speed adjustment with millisecond response, providing smooth start and stop.
- Independent hydraulic oil cooler with high cooling efficiency, ensuring the hydraulic system operates within the optimal temperature range.
- Servo system with electro-proportional control components for precise and intelligent control.
- Equipped with a cold start valve to reduce engine load during cold starts.
- 液压系统包括：行走液压系统、散热液压系统、伺服液压系统、辅助液压系统。
- 特点：
- HST电控闭式驱动系统，无极调速，毫秒响应，启停平稳；
- 独立液压油散，散热效率高，保障液压系统始终在最佳温度范围内工作；
- 伺服系统采用电比例控制元件，便于实现精确和智能控制；
- 带冷启动阀，降低发动机冷启动负载率。

Electrical Control System 电气控制系统

- Composed of Power System, Engine System, Control System, etc. Communication between the controller, display, engine, and air conditioning system uses CAN bus technology.
- Equipped with SANY's self-developed 10.1-inch integrated display screen, providing a clear view of operational and maintenance information.
- Integrated front and rear headlights with illumination, position, and turn signal functions, featuring LED work lights for enhanced night operation safety.
- Optional Wireless Remote Control: Fully integrated remote operation for extreme terrain applications.
- 控制系统：由电源系统、发动机系统、控制系统等系统组成。控制器、显示器、发动机、空调系统之间应用CAN总线技术进行数据通讯；
- 采用三一自主研发10.1寸集成大屏，运行维保信息一览无余；
- 前后大灯集成照明/示宽/转向功能，并配备LED工作头灯，夜间作业更安全；
- 选配无线遥控，整机动作遥控集成化，极限地形作业无忧。

Travel System 行走系统

- 600mm industrial-grade integrated rubber tracks, adaptable to various complex terrains.
- Reinforced floating roller system with NSK imported bearings, maintenance-free wheel bodies.
- Top-tier domestic brand travel reducers with enlarged housings for superior heat dissipation.
- 600mm工程用整体式橡胶履带，适应各种复杂路面行驶；
- 加强型浮动轮系，NSK进口轴承，轮体免维护；
- 国内一流品牌行走减速机，壳体加大，散热性能更优。

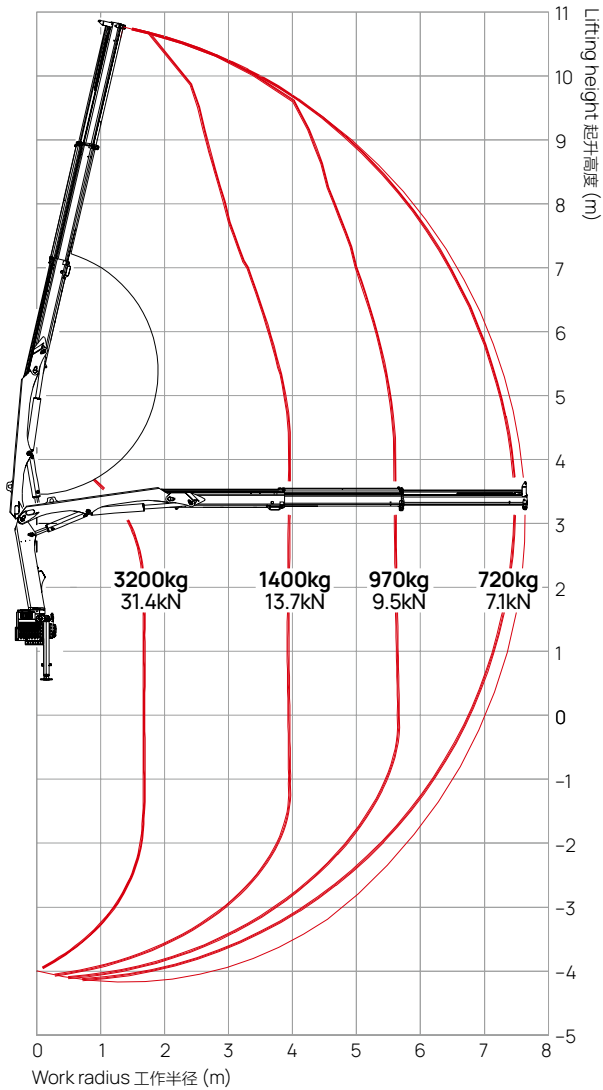
Structural System 结构系统

- Modular covers with independently openable windows for easy maintenance.
- Integrated chassis, proven through extensive durability testing on complex terrains, with a structural lifespan of up to 300,000 km.
- Reinforced cargo bed for long-lasting durability.
- 组合式覆盖件，每个窗口均可独立打开，便于维保；
- 整体式底盘，历经复杂路面耐久性测试，结构寿命可达30万公里；
- 加强型货斗，经久耐用。

05

Working Conditions

工况组合



Item 项目	Parameters 参数
Model of the Truck-Mounted Crane 随车起重机型号	SPK6500A
Maximum Lifting Moment 最大起重力矩	5.8t·m
Maximum Working Radius and Lifting Capacity 最大工作幅度及起重量	720kg at 7.4m 7.4m时起重720kg
Lifting Angle 起升仰角	≥80°
Maximum Lifting Height (Hook) 最大起升高度(吊钩)	10.1m
Slewing Angle 回转角度	400° Gear and Rack Rotation 400° 齿轮齿条回转
Slewing Speed 回转速度	≤2r/min
Rated Pressure of Hydraulic System 液压系统额定压力	31.5MPa
System Flow Rate 系统流量	20~30L/min

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