

SANY[®]

QUALITY CHANGES THE WORLD



60 t



46 m



62.5 m

STC600T5

SANY Truck Crane

SANY CRANE

BETTER WORLD, BETTER SANY CRANE

SANY CRANE is one of the core business units in SANY Group, specializing in the development and manufacturing of high-end wheeled cranes, crawler cranes and tower cranes.

三一集团旗下核心事业部，从事高端轮式起重机、履带起重机、塔式起重机系列产品的研发制造。





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CRANE OVERVIEW

整机概述

The STC600T5 is a truck crane equipped with a 5-section U-shaped boom extending up to 46 m and a 16 m jib, delivering a maximum lifting height of 62.5 m. It offers a maximum lifting moment of 2107 kN·m with the basic boom and 1446 kN·m with the fully extended boom. Standard configurations include an anemometer, winch monitoring system, and electric cylinder cab tilting.

5 节臂，大截面 U 型主臂，主臂全长 46m，副臂全长16m，最大起吊高度 62.5m，基本臂最大起重力矩达 2107kN.m，全伸臂最大起重力矩1446kN.m。
标配：风速仪、卷扬监视系统、操纵室电缸变位。



Truck Crane
STC600T5 / 60t Lifting Capacity



Driver's cab
新驾驶室 - 下车



Operator's cab
新驾驶室 - 上车



Remaining Radius Indicator
剩余幅度提示



Intelligent Configuration Recommendation
工况智能推荐



Self-diagnosis Function
故障自诊断



Enhanced Corrosion Protection (optional)
强效防腐保护(选配)

HIGHLIGHTS

整机亮点



NEW GENERATION CAB CAPACIOUS, CONVENIENT AND COMFORTABLE

操作便捷、宽敞舒适

Driver's cab

新两室-下车

- The seat with air suspension, making driving more comfortable.
- Double seats and foldable berth for the co-driver.
- 12.1-inch liquid crystal screen equipped with anti-glare adjustment, able to weaken blue light effect.
- Electric rearview mirror with electric heating, ensuring good field of view in foul weather.
- Adjustable high-brightness halogen light headlamps/fog lamps, providing clear vision at night.
- Reversing sensor with accurate distance detection capability, fully covering the parking area without blind spots, and effectively avoiding scratch and collision.
- Fully automatic HVAC, able to adjust indoor temperature as demanded.



- 主驾驶位配备气浮减震座椅，驾驶更舒适。
- 副驾驶位设置双座椅可折叠式卧铺。
- 12.1寸液晶触摸大显示屏，防眩目调校，弱化蓝光伤害。
- 电动、电加热后视镜，不惧怕恶劣冰雪天气。
- 高亮度可调节卤素大灯/雾灯，提供夜间清晰视野。
- 倒车雷达、倒车影像，探头后方无死角，精准探距，防碰撞。
- 全自动冷暖空调，自动根据需求调整室内温度。

⚠ Remark: Rendering for reference only. Actual configuration and layout may vary depending on specifications. Please refer to the actual machine.

备注：渲染效果，具体布置根据配置有所不同，请以实车为准。

BRAND-NEW OPERATOR'S CAB, HIGH-END COCKPIT

全新操纵室，高端座舱

Operator's cab 新两室-上车

- Widened Adjustable Seat with a linked armrest box, providing 30% more legroom than the previous generation, ensuring comfortable operation even for individuals up to 2m tall.
- Cab tiltable by 0~20°, relieving cervical fatigue during large angle and long-boom operations.
- The sliding door with a track-shift design, paired with an electric sliding side step, makes entry, exit, and door operation easier and more convenient.
- 加宽可调式座椅，腿部活动空间较上一代增加30%，2m大个也可舒适操作。
- 操纵室可实现0~20°上仰变位，大角度、长臂段作业时可减缓颈椎疲劳。
- 变轨滑移门+电动侧滑移踏板，上下车、开关门更方便。

 Remark: Rendering for reference only. Actual configuration and layout may vary depending on specifications. Please refer to the actual machine.

备注：渲染效果，具体布置根据配置有所不同，请以实车为准。



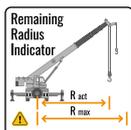
HIGHLIGHTS

整机亮点

iCrane1.0 System

The iCrane1.0 system features powerful data processing capabilities, ensuring your equipment operates with enhanced safety, reliability, ease of use, and efficiency—giving you complete peace of mind.

iCrane1.0 系统拥有强大的信息处理能力，确保您的设备安全、可靠，易用，高效，让您使用无忧。



Remaining Radius Indicator

剩余幅度提示

Based on the actual lifted load, the system displays the current operating radius and the maximum permissible radius in real time, helping prevent overload and tip-over under unknown conditions.

可根据实际吊重，实时显示当前幅度及额载最远的幅度，避免在未知的情况下超载倾翻。



Intelligent Configuration Recommendation

工况智能推荐

Based on the input lifting radius, load weight, and lifting height, the system intelligently recommends the optimal working configuration, significantly reducing operating difficulty.

可根据吊载物幅度、重量，高度，智能推荐合适工况，极大地减小操作难度。



Self-diagnosis Function

故障自诊断

Minor issues can be quickly fixed on-site, while complex problems are resolved faster, minimizing downtime and keeping operations efficient.

小故障设备自己快速解决，难点故障提升修复效率，缩短怠工时间。



Enhanced Corrosion Protection (optional)

强效防腐保护(选配)

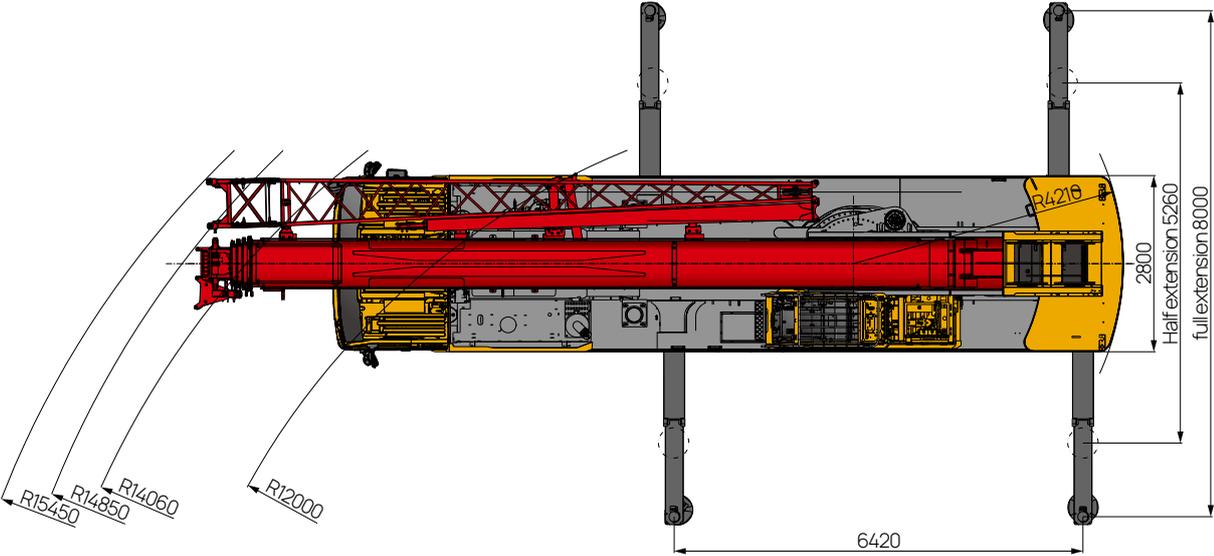
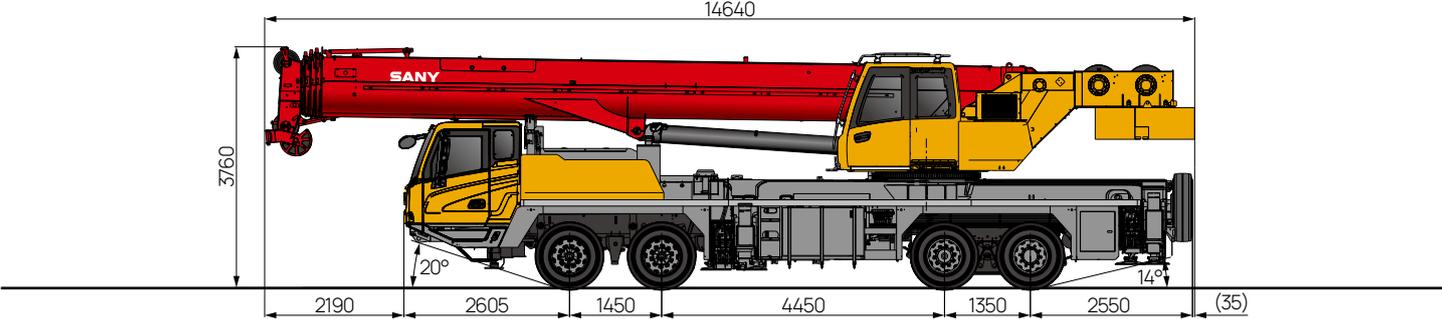
Standard C4 coating with an optional C5 heavy-duty anti-corrosion coating, greatly extending the corrosion resistance lifespan.

标配C4涂装，可选C5重防腐涂装，极大地延长了防腐寿命。

OVERALL DIMENSIONS

整机尺寸

Unit: mm



TECHNICAL SPECIFICATIONS

整机参数

| CATEGORY 类型 | ITEM 项目 | UNIT 单位 | VALUE 参数 | |
|--|---|--|-------------------------|------|
| CAPACITY 额定起重量 | Max. lifting capacity 最大起重量 | t | 60 | |
| WEIGHT 重量参数 | Gross weight 整机总质量 | kg | 42400 | |
| POWER (CHASSIS) 发动机参数(下车) | Engine model 发动机型号 | - | Z10E360 31 | |
| | Max. engine power 发动机最大功率 | kW/rpm | 264/1900 | |
| | Max. engine torque 发动机最大输出扭矩 | N-m/rpm | 1600 / (900~1300) | |
| DIMENSIONS 尺寸参数 | Overall length 整机全长 | mm | 14640 | |
| | Overall width 整机全宽 | mm | 2800 | |
| | Overall height 整机全高 | mm | 3760 | |
| TRAVEL 行驶参数 | Max. travel speed 最高行驶速度 | km/h | 90 | |
| | Min. steering radius 最小转弯半径 | m | 12 | |
| | Min. steering radius of boom tip 臂头最小转弯半径 | m | 15.45 | |
| | Wheel formula 车轮模式 | - | 8×4 | |
| | Min. ground clearance 最小离地间隙 | mm | 280 | |
| | Approach angle 接近角 | ° | 20 | |
| | Departure angle 离去角 | ° | 14 | |
| | Max. gradeability 最大爬坡度 | - | 49% | |
| | Fuel consumption per 100km 每100公里油耗 | L | 40 | |
| MAIN PERFORMANCE 主要性能参数 | Min. rated lifting radius 最小额定幅度 | m | 3 | |
| | Tail slewing radius 转台尾部回转半径 | m | 4.21 | |
| | Boom sections (Qty.) 臂节数 | - | 5 | |
| | Boom shape 臂形状 | - | U shape U型 | |
| | Max. lifting moment 最大起重力矩 | Basic boom 基本臂 | kN-m | 2107 |
| | | Full-extension boom 全伸主臂 | kN-m | 1446 |
| | | Longest boom + fixed jib combination 最长主臂+固定副臂组合 | kN-m | 685 |
| | Boom length 臂长 | Basic boom 基本臂 | m | 11.9 |
| | | Full-extension boom 全伸主臂 | m | 46 |
| | | Longest boom + fixed jib combination 最长主臂+固定副臂组合 | m | 62 |
| | Max. lifting height 最大起重高度 | Basic boom 基本臂 | m | 12.4 |
| | | Full-extension boom 全伸主臂 | m | 46.5 |
| | | Longest boom + fixed jib combination 最长主臂+固定副臂组合 | m | 62.5 |
| Outrigger span (Longitudinal×Transverse) 支腿跨距(纵×横) | m | 6.42×8 | | |
| Jib offset 副臂安装角度 | ° | 0, 15, 30 | | |
| AIRCONDITIONER 空调 | In operator's cab 上车空调 | - | Heating & cooling 制冷、制热 | |
| | In driver's cab 下车空调 | - | Heating & cooling 制冷、制热 | |

TECHNICAL SPECIFICATIONS

整机参数

■ Axle Load 轴荷

| | | | | | |
|---|-----|-----|------|------|---|
|  | 1 | 2 | 3 | 4 |  |
| Axle load 轴荷 /t | 8.4 | 8.4 | 12.8 | 12.8 | 42.4 |

Remark: Fixed counterweight 5.2t, main hook mounted on the chassis, auxiliary hook on the auxiliary hook drum.
备注: 固定配重5.2t 主钩固定在车架、副钩在副钩筒

■ Speed and Gradeability 速度与爬坡度

| | | | |
|---|--|--|---|
|  |  Min. |  Max. |  |
| 315/80R22.5 22RP | - | 90km/h | 50.0% |

■ Max. Supporting Forces 最大支撑力

| | | |
|---|---|---|
|  |  |  |
| F _{max} | 529KN (55t) | 439KN (43t) |

■ Hook 吊钩

| | | | | |
|---|---|---|---|---|
|  |  |  |  | |
| 60t | 6 | 12 | 550 | ● |
| 6t | - | 1 | 120 | ● |

● Standard 标配 ○ Optional 选配

■ Operations 主要动作参数

| | | | | |
|---|---|---|---|--|
|  |  |  |  |  |
|  | 0~135m/min | Φ18mm | 215m | 5.8t |
|  | 0~135m/min | Φ18mm | 135m | 5.8t |
|  | 0~2r/min | | | |
|  | 50s/90s | | | |
|  | 95s/110s | | | |
|  | 35s (extension 伸) / 25s (Retraction 缩) | | | |
|  | 20s (extension 伸) / 20s (Retraction 缩) | | | |

MACHINE INTRODUCTION

整机介绍

Carrier 下车

Driver's cab 驾驶室

- Integrated left-right through design with a two-in-one sleeper berth. When the doors are closed, the sound insulation meets international heavy-duty truck standards.
- Driver's seat features an air suspension shock-absorbing design with ergonomic configuration.
- Equipped with a digital and virtual instrument panel, and a 12.1-inch central touchscreen that integrates automatic HVAC control with precise temperature regulation and smooth airflow.
- Electric and heated rearview mirrors; multifunction steering wheel for controlling in-cab multimedia systems.
- 左右贯通式设计，二合一卧铺。车门关闭后，隔音性能达到国际重卡水平。主驾空气悬浮减震座椅、人体工程学配置。液晶、虚拟仪表盘。12.1英寸中控大屏；集成自动空调控制界面，精准控温，出风柔顺。电动电热后视镜；多功能方向盘，可控制车内多媒体设备。

Carrier frame 车架

- Designed and manufactured by Sany, the torsion resistant box-type structure is welded by fine grain high-strength steel, featuring increased bearing capacity.
- 三一设计、制造，由细晶粒高强度钢板焊接而成的防扭箱形结构，承载能力强。

Engine 发动机

- Model: Cummins Z10E360 31 In-line six-cylinder diesel engine with watercooler and inter cooler.
- Emission standard: Euro III.
- Fuel reservoir capacity: 400L.
- 型号：Z10E360 31康明斯，直列六缸、水冷却、增压中冷、柴油发动机。
- 排放标准：Euro III。
- 燃料箱有效容积：400L。

Transmission 变速箱

- Manual transmission, 9 forward gears, 2 reversing gears, large speed ratio range, adaptable to slope climbing and high-speed traveling.
- 手动变速箱，变速箱有9个前进挡、2个后退挡，速比范围大，既可满足低速场地爬坡行驶又可满足高速行驶。

Transmission shaft 传动轴

- Optimized layout, higher torque output via contra gear connecting transmission shaft cardan.
- 优化的传动轴布置，传动轴传动平稳、可靠。最优优化力传输，采用端面齿联结传动轴，传递扭矩大。

Axle 车桥

- Axles 1, 2 are steered, axles 3, 4 are drive axles with built-in differential lock, realizing tougher ability to rough-terrain travelling. Two-stage reducer gear and more compact axle bags contribute to better trafficability. Press-welding axle housing technology, bearing capacity is stronger.
- 3、4轴为驱动轴，1、2轴为转向轴，驱动轴内置轴间和轮间差速器锁，使车辆有更强的脱困能力；双级减速，桥包体积更小，使车辆有更好的通过性；冲焊桥壳工艺，承载能力更强。

Suspension system 悬挂系统

- Front suspension is realized by leaf spring, and rear rubber. The system's strength is verified by 100,000 cycling fatigue tests, hence ride comfort is out of question.
- 一二桥采用钢板弹簧悬挂系统，三四桥采用橡胶悬挂系统，悬挂系统经过超过10万次的疲劳试验，保证强度的同时兼顾乘坐的舒适性。

Steering 转向系统

- Adopts a dual-circuit hydraulic power steering system with a mechanical steering limiter.
- 采用带机械转向限位的双回路液压助力式转向系统。

Tires 轮胎

- Thirteen tires sized 315/80R22.5-22PR, strong bearing capacity and durability.
- 13 (轮胎数) 一轮胎规格：315/80R22.5-22PR，承载能力强，耐用。

Wheel formula 车轮模式

- 8×4.
- 8×4。

Outrigger 支腿

- H-type layout, four point support, easy to operate, outrigger beam hydraulically telescoping, jack telescoping protected by two-way pilot controlled valve.
- H型支腿4点支撑，易操作、稳定性强；采用细晶粒高强度钢板材料，一、二级支腿全液压横向伸缩。垂直油缸采用双向液压锁进行安全保护。

Brake 制动系统

- Service brake: air servo, double circuit split; wedge brake and double air chambers functioning on front axles.
- Parking brake: functioning at axles 3 and 4 by spring in air chamber.
- Emergency brake: performed by pressure reservoir.
- Assisting brake: engine brake, safety assured when driving down long slopes.
- 行车制动采用双回路制动系统，所有车轮均用空气伺服制动器，前桥采用楔式制动器+双气室，制动能力更强。
- 驻车制动是通过气室内弹簧作用在第三、四桥上。
- 应急制动阀由蓄能器储能断气制动兼做应急制动。
- 辅助制动为发动机制动，保证在下长坡时的制动安全，保证行车的安全可靠。

Electrical system 电气系统

- Two 12V maintenance-free batteries with a mechanical master power switch, allowing manual cutoff of the entire vehicle's power supply.
- A bus control system enables information exchange between superstructure and chassis modules. Battery capacity: 180AH.
- 2×12V 免维护蓄电池，配有机械式电源总开关，可手动切断整车电源；总线控制系统，可实现上下车信息交互。电池容量：180AH。

MACHINE INTRODUCTION

整机介绍

Superstructure 上车

Operator's cab 操纵室

- SANY's cab is ergonomically designed with safety glass and corrosion-resistant steel. It features softened interiors, a spacious cabin, a panoramic sunroof, and adjustable seats for comfortable operation. The cab includes HVAC, electric wipers, and a 10.1-inch frameless display with a new UI, integrated with the load moment indicator for clear monitoring of all lifting parameters. The cab can tilt up to 20° for improved high-level visibility and comes with standard side steps.
- 三一自主研发人体工程学设计, 安全玻璃, 耐腐蚀钢板, 配置软化内饰、超大内部空间、全景式天窗、可调式座椅等人性化设计, 配有冷暖空调、电动雨刮器, 操作更舒适、轻松; 配置力矩限制器显示屏, 实现主控台与操作显示系统有机结合, 使吊装作业的全部工况数据一目了然。操纵室可向上倾斜20°, 满足高处的作业观察需要; 10.1英寸无框大屏, 全新UI界面。标配侧踏板。

Boom & telescoping system 伸缩系统

- The boom structure features an anti-torsion design and is made of imported high-strength steel. It has a 5-section elliptical boom for excellent stability. The boom extends and retracts using a hydraulic cylinder with cable system. Standard 16 m two-section mechanical fixed jib.
- 臂结构采用抗扭曲设计, 采用进口高强度钢板制作, 5节椭圆形主臂, 具有极高的稳定性, 伸缩采用油缸加绳排伸缩结构; 标配16m 双节机械变幅固定副臂。

Hoist 起升机构

- Normally closed type winch brake and winch balance valve are set to prevent hook falling and stalling.
- Standard 60t, 5t hooks.
- Main winch wire rope: 18 mm diameter, 215 m length, auxiliary winch wire rope: 135 m length.
- 常闭式卷扬制动器, 并设置卷扬平衡阀, 可防止落钩失速。
- 标配60t、5t吊钩。
- 直径φ18mm, 长215m主卷钢丝绳, 长135m副卷钢丝绳。

Luffing system 变幅系统

- Passive luffing down with balance system, reducing energy cost yet raising stability. Luffing angle: -2°~ 80°.
- 自重落幅, 更加节能。采用单根油缸, 前铰支布置, 变幅更省力且起重臂受力得到改善; 采用电比例控制平衡阀。变幅角度: -2°~ 80°。

Hydraulics 液压系统

- High-quality hydraulic components such as pumps, motors, and valves are adopted to ensure the stability and reliability of the hydraulic system.
- The hoisting winch system adopts a closed-circuit design to avoid throttling losses, resulting in higher system efficiency.
- 采用高品质的油泵、马达、阀等关键液压元件, 保证液压系统稳定、可靠;
- 起升卷扬系统采用闭式系统, 避免节流损失, 使系统具有较高的效率。

Slewing 回转系统

- The crane slewing brakes smoothly via balance design.
- 起重机通过平衡设计实现回转制动器平稳制动。

Control system 控制系统

- Safety guarantee: SANY Load Moment Indicator providing all-round protection.
- Fault diagnosis: BCM controller for fault detection and easy maintenance.
- Colored display & smart panel & IO power distribution: user friendly.
- 安全保证: 三一力矩限制器系统提供全方位保护。
- 故障诊断: 采用BCM控制器实现故障检测与便捷维护。
- 用户友好型设计: 彩色显示器、智能面板及IO电源分配器一体化配置。

Counterweight 配重

- Fixed counterweight 5.8t, movable counterweight 5.2t.
- 固定配重5.2t, 活动配重5.8t。

Safety equipment 安全装置

- Load moment indicator: A method of analytical mechanics is adopted and a moment limiter calculation system based on the hoisting mechanics model is established. Through online empty-load calibration, the rated hoisting accuracy can reach ±3% to fully protect the hoisting operation.
- The hydraulic system is equipped with balance valve, relief valve, two-way holding valve, etc. to realize stability and reliability.
- Boom head and jib head are equipped with three-circle protector prevents wire rope from over-lowering.
- Boom head and jib head are equipped with A2B switch to prevent the wire rope from over winding.
- The boom head is equipped with anemometer to detect whether the wind speed at heights exceeds the allowable range.
- The length & angle sensor and pressure sensor are equipped to display the operating status of the crane in real time, automatically cut off dangerous actions, and give a buzzer alarm.
- 采用分析力学方法, 建立了基于吊重力学模型的力矩限制器计算系统, 通过在线空载标定, 吊重精度达到±3%。
- 液压系统配置液压平衡阀、溢流阀、双向液压锁等元件, 实现液压系统稳定可靠。
- 主、副臂卷扬配置三圈保护器, 防止钢丝绳过放。
- 主、副臂臂端配置高度限位器, 防止钢丝绳过卷。
- 臂端装有风速仪, 检测高空风速是否超过可作业允许范围。
- 配置长度角度传感器、压力传感器, 实时显示起重机作业状态, 自动切断危险动作, 蜂鸣报警。

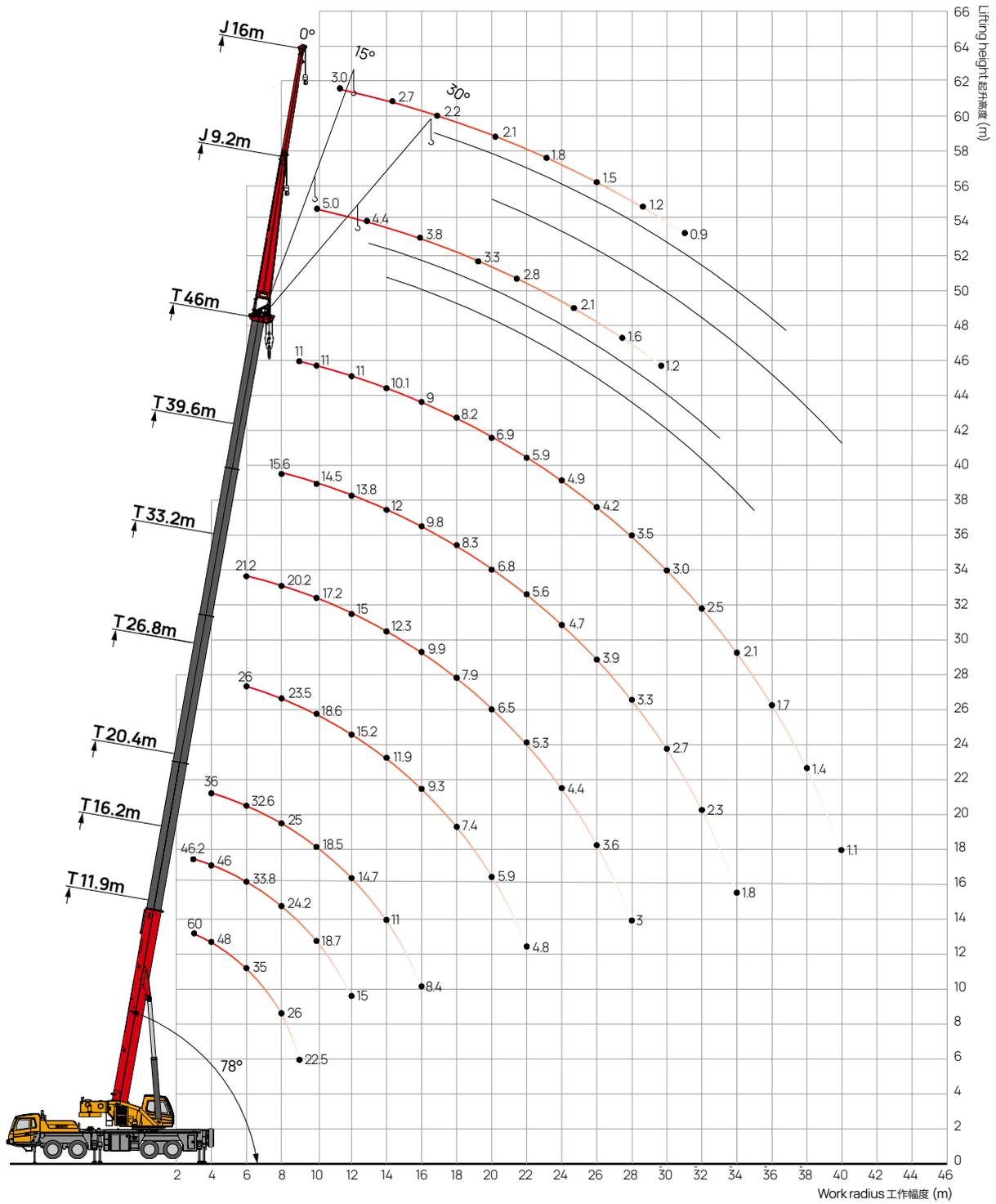
Optional equipment at extra fees 选配

- Spark arrester.
- Air intake cut-off valve.
- Outrigger length detection (PDO configuration).
- Customized painting.
- Other equipment available upon request.
- 火星灭火器。
- 进气切断阀。
- 支腿长度检测(PDO配置)。
- 特殊涂装。
- 其它配置视需求确定。

Remark: Actual optional configurations are subject to the configuration list.
备注: 实际选配请以配置清单为准。

OPERATING RANGE - TJ

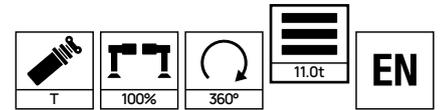
起升高度曲线 - 主臂 + 副臂



LOAD CHART - T

性能表 - 主臂

Unit: t

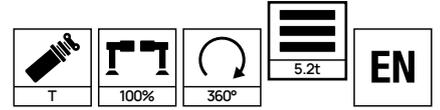


|  | 11.9 | 16.2 | 20.4 | 26.8 | 33.2 | 39.6 | 46.0 | 18.3 | 24.7 | 31.1 | 37.5 | 22.6 | 29.0 | 35.4 | 41.8 |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 3.0 | 60.0 | 46.2 | | | | | | | | | | | | | | 3.0 |
| 3.5 | 55.0 | 46.2 | 36.0 | | | | | 27.0 | | | | | | | | 3.5 |
| 4.0 | 48.0 | 46.0 | 36.0 | | | | | 27.0 | | | | 27.0 | | | | 4.0 |
| 4.5 | 45.0 | 44.0 | 36.0 | | | | | 27.0 | 26.0 | | | 27.0 | | | | 4.5 |
| 5.0 | 43.0 | 40.5 | 34.0 | 27.0 | | | | 27.0 | 26.0 | | | 27.0 | | | | 5.0 |
| 6.0 | 35.5 | 33.8 | 32.6 | 26.0 | 21.2 | | | 27.0 | 25.2 | 18.5 | | 27.0 | 25.0 | | | 6.0 |
| 7.0 | 30.0 | 28.5 | 28.5 | 25.8 | 21.2 | | | 27.0 | 23.6 | 17.3 | 13.0 | 27.0 | 25.0 | 16.8 | | 7.0 |
| 8.0 | 26.0 | 24.2 | 25.0 | 23.5 | 20.2 | 15.6 | | 25.5 | 21.8 | 15.7 | 12.4 | 24.6 | 23.0 | 15.6 | 11.6 | 8.0 |
| 9.0 | 22.5 | 21.0 | 21.5 | 21.0 | 18.6 | 15.2 | 11.0 | 22.5 | 20.2 | 15.2 | 11.6 | 22.0 | 21.0 | 14.7 | 11.6 | 9.0 |
| 10.0 | | 18.7 | 18.5 | 18.6 | 17.2 | 14.5 | 11.0 | 20.0 | 18.8 | 14.2 | 11.0 | 19.3 | 19.3 | 14.2 | 11.2 | 10.0 |
| 12.0 | | 15.0 | 14.7 | 15.2 | 15.0 | 13.8 | 11.0 | 16.2 | 16.6 | 12.3 | 10.0 | 15.7 | 15.8 | 13.2 | 10.1 | 12.0 |
| 14.0 | | | 11.0 | 11.9 | 12.3 | 12.0 | 10.1 | 12.8 | 13.3 | 10.7 | 9.0 | 12.3 | 12.9 | 11.9 | 9.0 | 14.0 |
| 16.0 | | | 8.4 | 9.3 | 9.9 | 9.8 | 9.0 | | 10.7 | 9.2 | 8.0 | 9.7 | 10.2 | 10.2 | 8.4 | 16.0 |
| 18.0 | | | | 7.4 | 7.9 | 8.3 | 8.2 | | 8.7 | 8.1 | 7.1 | 7.7 | 8.3 | 8.6 | 7.9 | 18.0 |
| 20.0 | | | | 5.9 | 6.5 | 6.8 | 6.9 | | 7.3 | 7.2 | 6.5 | | 6.8 | 7.1 | 7.0 | 20.0 |
| 22.0 | | | | 4.8 | 5.3 | 5.6 | 5.9 | | | 6.4 | 5.6 | | 5.6 | 6.0 | 6.1 | 22.0 |
| 24.0 | | | | | 4.4 | 4.7 | 4.9 | | | 5.4 | 5.0 | | 4.7 | 5.0 | 5.2 | 24.0 |
| 26.0 | | | | | 3.6 | 3.9 | 4.2 | | | 4.6 | 4.5 | | | 4.3 | 4.5 | 26.0 |
| 28.0 | | | | | 3.0 | 3.3 | 3.5 | | | | 4.1 | | | 3.6 | 3.8 | 28.0 |
| 30.0 | | | | | | 2.7 | 3.0 | | | | 3.7 | | | 3.0 | 3.3 | 30.0 |
| 32.0 | | | | | | 2.3 | 2.5 | | | | 3.1 | | | | 2.8 | 32.0 |
| 34.0 | | | | | | 1.8 | 2.1 | | | | | | | | 2.4 | 34.0 |
| 36.0 | | | | | | | 1.7 | | | | | | | | 2.0 | 36.0 |
| 38.0 | | | | | | | 1.4 | | | | | | | | | 38.0 |
| 40.0 | | | | | | | 1.1 | | | | | | | | | 40.0 |
| 42.0 | | | | | | | | | | | | | | | | 42.0 |
|  | 12 | 9 | 7 | 6 | 5 | 4 | 3 | 6 | 5 | 4 | 3 | 6 | 5 | 4 | 3 |  |
| 2# | 0 | 50 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 50 | 50 | 50 | 50 | 2# |
| 3# | 0 | 0 | 0 | 25 | 50 | 75 | 100 | 25 | 50 | 75 | 100 | 25 | 50 | 75 | 100 | 3# |
| 4# | 0 | 0 | 0 | 25 | 50 | 75 | 100 | 25 | 50 | 75 | 100 | 25 | 50 | 75 | 100 | 4# |
| 5# | 0 | 0 | 0 | 25 | 50 | 75 | 100 | 25 | 50 | 75 | 100 | 25 | 50 | 75 | 100 | 5# |

LOAD CHART - T

性能表 - 主臂

Unit: t

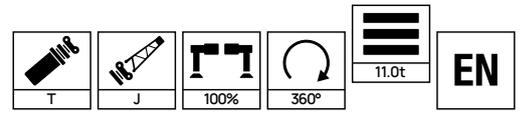


|  m | 11.9 | 16.2 | 20.4 | 26.8 | 33.2 | 39.6 | 46.0 | 18.3 | 24.7 | 31.1 | 37.5 | 22.6 | 29.0 | 35.4 | 41.8 |  m |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 3.0 | 60.0 | 46.2 | | | | | | | | | | | | | | 3.0 |
| 3.5 | 55.0 | 46.2 | 36.0 | | | | | 27.0 | | | | | | | | 3.5 |
| 4.0 | 48.0 | 46.0 | 36.0 | | | | | 27.0 | | | | 27.0 | | | | 4.0 |
| 4.5 | 45.0 | 44.0 | 36.0 | | | | | 27.0 | 26.0 | | | 27.0 | | | | 4.5 |
| 5.0 | 40.0 | 39.5 | 34.0 | 27.0 | | | | 27.0 | 26.0 | | | 27.0 | | | | 5.0 |
| 6.0 | 33.0 | 32.5 | 32.5 | 26.0 | 21.2 | | | 27.0 | 25.2 | 18.5 | | 27.0 | 25.0 | | | 6.0 |
| 7.0 | 28.0 | 27.5 | 27.5 | 25.8 | 21.2 | | | 27.0 | 23.6 | 17.3 | 13.0 | 27.0 | 25.0 | 16.8 | | 7.0 |
| 8.0 | 24.0 | 24.0 | 23.5 | 23.5 | 20.2 | 15.6 | | 25.0 | 21.8 | 15.7 | 12.4 | 24.0 | 23.0 | 15.6 | 11.6 | 8.0 |
| 9.0 | 21.0 | 20.5 | 20.2 | 21.0 | 18.6 | 15.2 | 11.0 | 21.5 | 20.2 | 15.2 | 11.6 | 21.0 | 20.5 | 14.7 | 11.6 | 9.0 |
| 10.0 | | 16.6 | 16.3 | 17.4 | 17.2 | 14.5 | 11.0 | 18.5 | 18.8 | 14.2 | 11.0 | 17.9 | 18.5 | 14.2 | 11.2 | 10.0 |
| 12.0 | | 11.5 | 11.3 | 12.3 | 12.9 | 13.3 | 11.0 | 13.3 | 13.8 | 12.3 | 10.0 | 12.7 | 13.3 | 12.5 | 10.1 | 12.0 |
| 14.0 | | | 8.2 | 9.1 | 9.7 | 10.0 | 10.1 | 10.0 | 10.5 | 10.7 | 9.0 | 9.5 | 10.0 | 10.4 | 9.0 | 14.0 |
| 16.0 | | | 5.9 | 6.9 | 7.4 | 7.8 | 8.1 | | 8.3 | 8.6 | 8.0 | 7.2 | 7.8 | 8.2 | 8.4 | 16.0 |
| 18.0 | | | | 5.2 | 5.8 | 6.1 | 6.4 | | 6.6 | 6.9 | 7.1 | 5.6 | 6.1 | 6.5 | 6.7 | 18.0 |
| 20.0 | | | | 4.0 | 4.5 | 4.9 | 5.1 | | 5.3 | 5.6 | 5.8 | | 4.9 | 5.2 | 5.4 | 20.0 |
| 22.0 | | | | 3.0 | 3.5 | 3.9 | 4.1 | | | 4.6 | 4.8 | | 3.9 | 4.2 | 4.4 | 22.0 |
| 24.0 | | | | | 2.8 | 3.1 | 3.3 | | | 3.8 | 4.0 | | 3.1 | 3.4 | 3.7 | 24.0 |
| 26.0 | | | | | 2.1 | 2.5 | 2.7 | | | 3.2 | 3.4 | | | 2.8 | 3.0 | 26.0 |
| 28.0 | | | | | 1.6 | 1.9 | 2.2 | | | | 2.8 | | | 2.2 | 2.5 | 28.0 |
| 30.0 | | | | | | 1.5 | 1.7 | | | | 2.4 | | | 1.8 | 2.0 | 30.0 |
| 32.0 | | | | | | 1.1 | 1.3 | | | | 2.0 | | | | 1.6 | 32.0 |
| 34.0 | | | | | | 0.7 | 1.0 | | | | | | | | 1.3 | 34.0 |
| 36.0 | | | | | | | 0.7 | | | | | | | | 1.0 | 36.0 |
| 38.0 | | | | | | | | | | | | | | | | 38.0 |
| 40.0 | | | | | | | | | | | | | | | | 40.0 |
| 42.0 | | | | | | | | | | | | | | | | 42.0 |
|  n | 12 | 9 | 7 | 6 | 5 | 4 | 3 | 6 | 5 | 4 | 3 | 6 | 5 | 4 | 3 |  n |
| 2# | 0 | 50 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 50 | 50 | 50 | 50 | 2# |
| 3# | 0 | 0 | 0 | 25 | 50 | 75 | 100 | 25 | 50 | 75 | 100 | 25 | 50 | 75 | 100 | 3# |
| 4# | 0 | 0 | 0 | 25 | 50 | 75 | 100 | 25 | 50 | 75 | 100 | 25 | 50 | 75 | 100 | 4# |
| 5# | 0 | 0 | 0 | 25 | 50 | 75 | 100 | 25 | 50 | 75 | 100 | 25 | 50 | 75 | 100 | 5# |

LOAD CHART - TJ

性能表 - 主臂 + 副臂

Unit: t

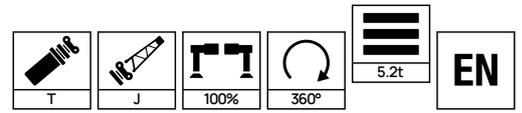


|  m | 46.0+9.2 | | | 46.0+16.0 | | |  m |
|--|----------|-----|-----|-----------|-----|-----|---|
| | 0° | 15° | 30° | 0° | 15° | 30° | |
| 78.0 | 5.0 | 3.4 | 2.6 | 3.0 | 2.0 | 1.5 | 78.0 |
| 76.0 | 4.7 | 3.4 | 2.6 | 2.9 | 2.0 | 1.5 | 76.0 |
| 74.0 | 4.4 | 3.2 | 2.5 | 2.7 | 1.8 | 1.4 | 74.0 |
| 72.0 | 4.1 | 3.0 | 2.5 | 2.5 | 1.7 | 1.3 | 72.0 |
| 70.0 | 3.8 | 2.8 | 2.4 | 2.2 | 1.6 | 1.3 | 70.0 |
| 68.0 | 3.6 | 2.8 | 2.3 | 2.2 | 1.5 | 1.3 | 68.0 |
| 66.0 | 3.3 | 2.7 | 2.3 | 2.1 | 1.5 | 1.2 | 66.0 |
| 64.0 | 3.1 | 2.6 | 2.2 | 2.0 | 1.4 | 1.2 | 64.0 |
| 62.0 | 2.8 | 2.4 | 2.1 | 1.8 | 1.4 | 1.2 | 62.0 |
| 60.0 | 2.4 | 2.2 | 2.0 | 1.6 | 1.3 | 1.1 | 60.0 |
| 58.0 | 2.1 | 1.9 | 1.8 | 1.5 | 1.2 | 1.0 | 58.0 |
| 56.0 | 1.8 | 1.7 | 1.6 | 1.4 | 1.2 | 1.0 | 56.0 |
| 54.0 | 1.6 | 1.5 | 1.4 | 1.2 | 1.1 | 0.9 | 54.0 |
| 52.0 | 1.4 | 1.3 | 1.2 | 1.1 | 1.0 | 0.8 | 52.0 |
| 50.0 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 50.0 |
|  C _n | 1 | 1 | 1 | 1 | 1 | 1 |  C _n |
| 2# | 100 | 100 | 100 | 100 | 100 | 100 | 2# |
|  3# | 100 | 100 | 100 | 100 | 100 | 100 | 3# |
|  4# | 100 | 100 | 100 | 100 | 100 | 100 | 4# |
| 5# | 100 | 100 | 100 | 100 | 100 | 100 | 5# |

LOAD CHART - TJ

性能表 - 主臂 + 副臂

Unit: t



|  m 78.0 76.0 74.0 72.0 70.0 68.0 66.0 64.0 62.0 60.0 58.0 56.0 54.0 52.0 50.0  % 3# 4# 5# | 46.0+9.2 | | | 46.0+16.0 | | |  m 78.0 76.0 74.0 72.0 70.0 68.0 66.0 64.0 62.0 60.0 58.0 56.0 54.0 52.0 50.0  % 3# 4# 5# |
|--|----------|-----|-----|-----------|-----|-----|--|
| | 0° | 15° | 30° | 0° | 15° | 30° | |
| 78.0 | 5.0 | 3.4 | 2.6 | 3.0 | 2.0 | 1.5 | 78.0 |
| 76.0 | 4.7 | 3.4 | 2.6 | 2.9 | 2.0 | 1.5 | 76.0 |
| 74.0 | 4.4 | 3.2 | 2.5 | 2.7 | 1.8 | 1.4 | 74.0 |
| 72.0 | 4.1 | 3.0 | 2.5 | 2.5 | 1.7 | 1.3 | 72.0 |
| 70.0 | 3.8 | 2.8 | 2.4 | 2.2 | 1.6 | 1.3 | 70.0 |
| 68.0 | 3.6 | 2.8 | 2.3 | 2.2 | 1.5 | 1.3 | 68.0 |
| 66.0 | 3.1 | 2.7 | 2.3 | 2.1 | 1.5 | 1.2 | 66.0 |
| 64.0 | 2.6 | 2.3 | 2.1 | 2.0 | 1.4 | 1.2 | 64.0 |
| 62.0 | 2.1 | 1.9 | 1.7 | 1.7 | 1.4 | 1.2 | 62.0 |
| 60.0 | 1.8 | 1.6 | 1.5 | 1.4 | 1.2 | 1.1 | 60.0 |
| 58.0 | 1.4 | 1.3 | 1.2 | 1.1 | 1.0 | 0.9 | 58.0 |
| 56.0 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 56.0 |
| 54.0 | 0.9 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 54.0 |
| 52.0 | 0.7 | 0.7 | 0.6 | 0.5 | | | 52.0 |
| 50.0 | 0.6 | 0.5 | | | | | 50.0 |
|  m 2# | 1 | 1 | 1 | 1 | 1 | 1 |  m 2# |
| 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

ICON DESCRIPTION

图标说明

| | | | | |
|---|---|--|---|---|
|  Max. lifting capacity 最大起重量 |  Max. boom length 最大主臂长 |  Max. lifting radius 最大吊载幅度 |  Max. lifting height 最大吊载高度 |  Driver's cab 驾驶室 |
|  Carrier frame 车架 |  Engine 发动机 |  Transmission 变速箱 |  Transfer case 分动箱 |  Axle 车桥 |
|  Outrigger 支腿 |  Slewing platform 转台 |  Suspension system 悬挂 |  Steering 转向 |  Tires/Tire size 轮胎/轮胎尺寸 |
|  Wheel formula 轮胎模式 |  Transmission shaft 传动轴 |  Brake system 制动系统 |  Electrical system 电气系统 |  Hydraulic system 液压系统 |
|  Operator's cab 操纵室 |  Control system 控制系统 |  Hoist 起升机构 |  Slewing 回转机构 |  Safety equipment 安全装置 |
|  Load moment indicator 力矩限制器 |  Counterweight 配重 |  CW rearward positioned 配重后移 |  Boom & telescoping system 主臂 |  Luffing system 变幅系统 |
|  Jib 副臂 |  Superlift device 超起 |  Wind power jib 风电副臂 |  Luffing jib 塔臂 |  Auxiliary jib 鹅头臂 |
|  Boom extension 主臂延伸臂 |  Auxiliary boom nose 臂尖滑轮 |  Rear storage box 尾部储物箱 |  Optional equipment at extra fees 选配 |  Motor 电机 |
|  Hybrid Powertrain 混动总成 |  Power battery 动力电池 | | | |
|  Axle load 轴荷 |  Weight 重量 |  Number of sheaves 滑轮数量 |  Min. travel speed 最小行驶速度 |  Max. travel speed 最大行驶速度 |
|  Max. gradeability 最大爬坡率 |  Gear 档位 |  Onroad gear 高速档 |  Crawl speed 龟速档 |  Hook 吊钩 |
|  Main hook 主钩 |  Auxiliary hook 副钩 |  Rope rate 倍率 |  Max. supporting forces 最大支撑力 |  Outrigger pads 支脚盘 |
|  Outrigger jack 垂直支腿 |  Outrigger beam 水平支腿 |  Front outrigger 前支腿 |  Rear outrigger 后支腿 |  Hook weight 吊钩重量 |
|  Operations 主要动作 |  Max. single line lifting speed (empty load) 单绳速度(空载) |  Rope diameter 钢丝绳直径 |  Rope length 钢丝绳长度 |  Max. single line pull 最大单绳拉力 |
|  Main winch 主卷扬 |  Auxiliary winch 副卷扬 |  Full luffing up/down time of boom 主臂起落幅时间 |  Full extension/retraction time of boom 主臂伸缩时间 |  Anemometer 风速仪 |
|  Spare tire 备胎 | | | | |

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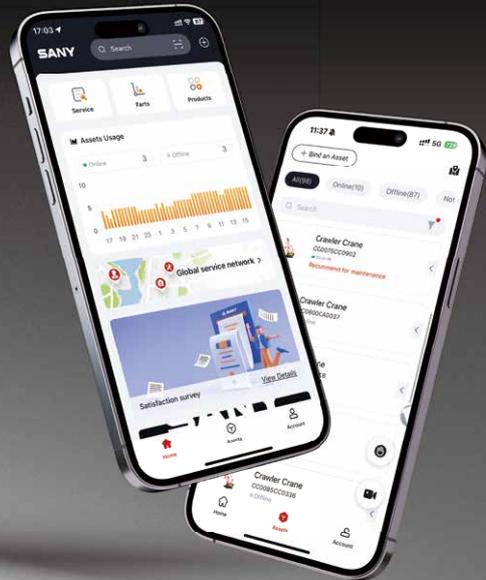
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