

SANY[®]

SPECIFICATION

BETTER WORLD, BETTER SANY CRANE



STC400T5

SANY TRUCK CRANE



40 t



44.1 m



52.1 m

■ www.sanyglobal.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.

V1.1

QUALITY CHANGES THE WORLD

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。

BETTER WORLD, BETTER SANY CRANE

SANY CRANE

QUALITY CHANGES THE WORLD

► CONTENTS

目录

Highlights 整机亮点	► 04
Overall Dimensions 整机尺寸	► 08
Technical Specification 整机参数	► 09
Counterweight Combinations 配重组合图	► 10
Travel Flexibility 通过能力	► 11
Crane Introduction 整机介绍	► 12
Working Conditions 工况组合	► 15

Strong bearing chassis

高承载能力底盘

Brand new 2.55m wide chassis, high-strength rectangular crosssection frame, improving torsion and bending resistance.

DF Cummins 360 high horsepower engine, 9-speed FAST transmission with emergency steering, heavy-duty axle, the max. gradeability of 56%, fuel consumption 40L per 100 km.

The front axle is equipped with new large-size disc brake, which can increase the braking torque by 11%, reduce heat and make it more reliable.

385 large-size steel wire tires, ground clearance 340mm with good accessibility.

Equipped with 300L large volume fuel reservoir, the endurance mileage is even higher.

全新2.55m宽底盘，高强度矩形截面车架，提升吊载抗扭抗弯能力。

东康360大马力发动机、法士特9档带应急转向变速箱、重承载车桥，动力强劲，最大爬坡度56%，百公里综合油耗小于40L。

前桥配置全新大尺寸盘式制动器，制动力矩加大11%，发热少，更可靠。

385大尺寸高承载钢丝胎，离地间隙340mm，通过性好。

配置300L大容积燃油箱，续航能力强。

Excellent load capacity

性能卓越

44.1m full-extension 5-section large U-shape profile boom, 8m jib, max. lifting height 52.1m and max. lifting moment 1266.7kN.m.

Standard electric eddy current retarder, enhances braking safety assured when driving down long slopes and extends the service life of wheel brakes.

5节臂，大截面U型主臂，主臂全长44.1m，副臂全长8m，最大起吊高度52.1m，最大起重力矩达1266.7kN.m。

标配电涡流缓速器，确保长下坡行驶时的制动安全，延长车轮制动器的使用寿命。

STC400T5
SANY TRUCK CRANE

Double pump intelligent flow distribution system

双泵智能流量分配系统

Adopt stable and high quality oil pump, motor and motor, the min. winch single rope speed is less than 1.5m/min, the min. stable slewing speed is less than $0.1^{\circ}/s$, easy to realize mm-level high precision operation.

New double pump intelligent flow distribution system, independent luffing, confluent telescoping, combined motion stability increased by more than 50%.

The electro-hydraulic control system can save 15% energy and also improve the efficiency of heavy load operation by 30%.

采用稳定、高品质的油泵、马达，卷扬单绳最低速度小于1.5m/min，回转最低稳定小于 $0.1^{\circ}/s$ ，轻松实现毫米级吊装。

全新开发双泵智能流量分配系统，变幅独立，伸臂合流，复合动作平稳性提升50%以上。

电液复合系统使上车吊载综合节能15%，重载作业效率提升30%。



New Generation Cab Capacious, Convenient and Comfortable

搭载全新两室 操作便捷、宽敞舒适



Full LCD instrument, equipped with anti-glare adjustment, able to weaken blue light effect.
Center control 12.1" multimedia entertainment screen, which can be connected with smart phone.
The seat with air suspension, automatic AC.

全液晶仪表，夜光不同场景设计，防眩目调校，弱化蓝光伤害。
中控12.1寸多媒体娱乐屏，手机互联。
气浮座椅，空调自动控制。

iCab

i-Cab - Driver's cab

新两室- 下车

Multi-function seat with air suspension, making driving more comfortable.

Double seats and foldable berth for the co-driver.

12.1-inch LCD screen integrated with back-up image and multi-media.
Electric rearview mirror with electric heating, ensuring good field of view in foul weather.

Adjustable high-brightness LED 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.

Full-automatic HVAC, able to automatically adjust indoor temperature as demanded.

主驾驶位配备气浮多功能座椅，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，集成倒车影像、语音娱乐功能。

电动、电加热后视镜，不惧怕恶劣冰雪天气。

高亮度可调节 LED 大灯 / 雾灯，提供夜间清晰视野。

倒车雷达，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。

STC400T5

SANY TRUCK CRANE



iCab

i-Cab - Operator's cab

新两室 - 上车

Seat widened by 480mm.

Cab tiltable by 0-20°, relieving cervical fatigue during large-angle and long-boom operations.

Adjustable seat with maximum inclination of 140°, allowing the operator to lie flat and rest after work.

Equipped with side-mounted button panel, easy to reach and operate.

70° openable front window convenient for ventilation and escape.

Curved-track sliding door, more convenient for getting on/off the cab and opening/closing the door.

Full-automatic HVAC, able to automatically adjust indoor temperature as demanded.

座椅加宽至480mm。

操纵室可实现0-20°上仰变位，在大角度、长臂段作业时可减缓颈椎疲劳。

可调式座椅，最大后仰140°，让操作手可以平躺休息。

侧置按键面板，触手可及，方便操控。

70°可开启式前窗，方便通风及逃生。

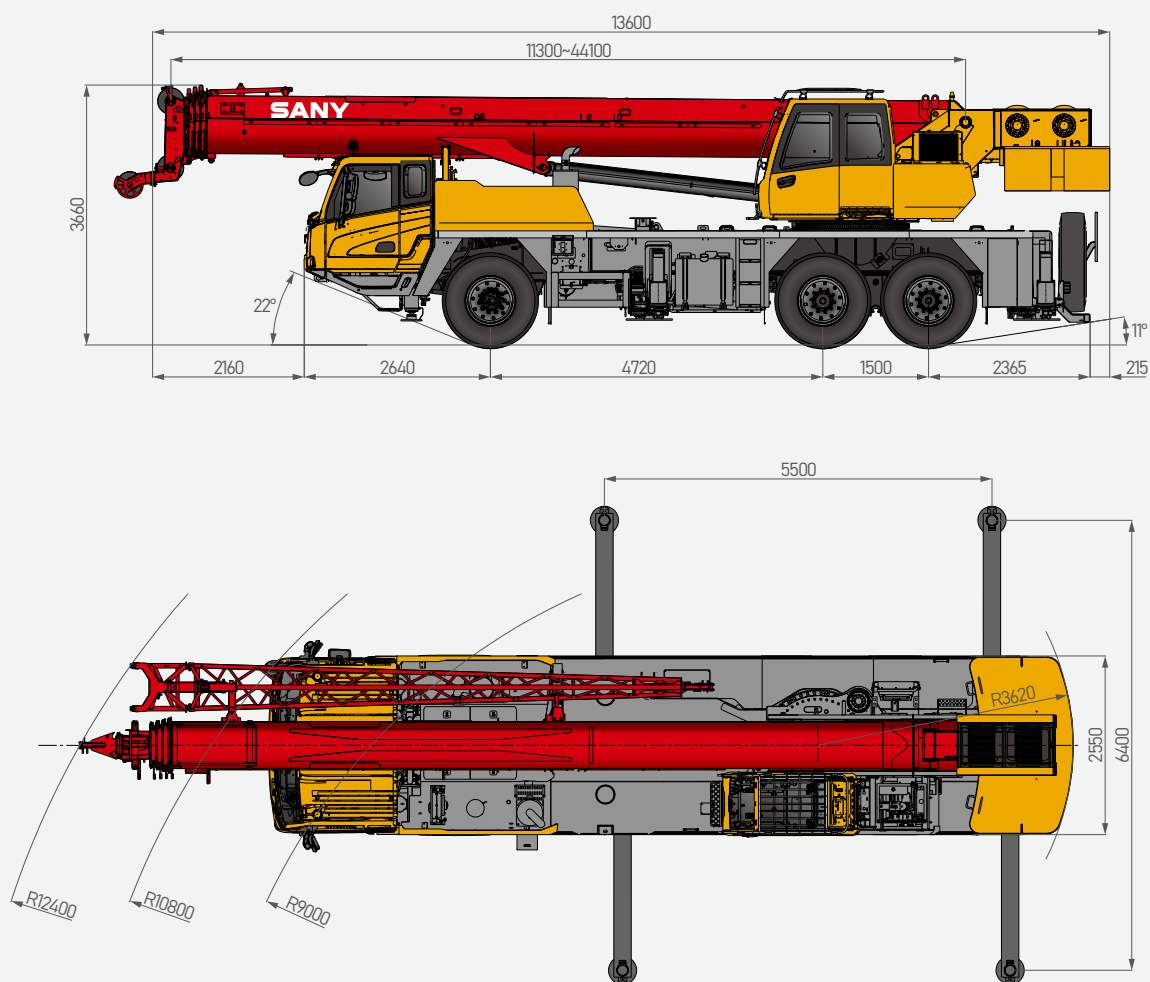
变轨滑移门，上下车、开关门更方便。

全自动冷暖空调，自动根据需求调整室内温度。



Overall Dimensions

整机尺寸



Technical Specification

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	40
WEIGHT 重量参数	Gross weight 整机总质量		t	34.3
POWER 发动机参数	Engine model 发动机型号(排放标准)		-	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	1600/900~1350
DIMENSIONS 尺寸参数	Overall length 整机全长		mm	13600
	Overall width 整机全宽		mm	2550
	Overall height 整机全高		mm	3660
TRAVEL 行驶参数	Max. travel speed 最高行驶速度		km/h	90
	Steering radius 转弯半径	Min.steering radius 最小转弯半径	m	9.0
		Min.steering radius of boom tip 臂头最小转弯半径	m	12.4
	Wheel formula 车轮模式		-	6×4
	Min.ground clearance 最小离地间隙		mm	340
	Approach angle 接近角		°	22
	Departure angle 离去角		°	11/14
	Max. gradeability 最大爬坡度		-	56%
	Fuel consumption per 100km 每100公里油耗		L	40
	MAIN PERFORMANCE 主要性能参数	Working temperature range 使用温度区间		℃
Min.rated lifting radius 最小额定幅度		m	3	
Tail slewing radius 转台尾部回转半径		m	3.62	
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	1266.7
		Full-extension boom 全伸主臂	kN·m	852.6
		Full-extension boom + jib 全伸主臂+副臂	kN·m	334
Boom length 臂长		Basic boom 基本臂	m	11.3
		Full-extension boom 全伸主臂	m	44.1
		Full-extension boom + jib 全伸主臂+副臂	m	52.1
Max.lifting height 最大起重高度		Basic boom 基本臂	m	11.8
		Full-extension boom 全伸主臂	m	44.5
		Full-extension boom + jib 全伸主臂+副臂	m	52.1
Outrigger span (Longitudinal×Transverse) 支腿跨距(纵×横)		m	5.5×6.4	
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 Specification

整机参数



Hook 吊钩

Rated load 额载 /t	Number of sheaves 滑轮数量	Rope rate 倍率	Hook weight/kg 吊钩重量
5	0	1	85
30	4	8	320

● Standard 标配 ○ Optional 选配

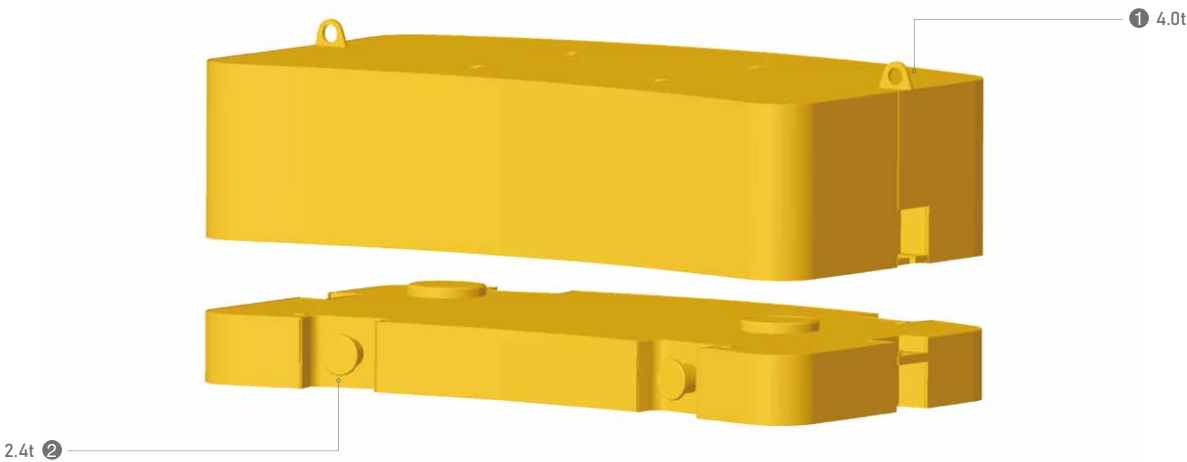


Operations 主要动作参数

Item 项目	Max.single rope lifting speed (empty load) 单绳速度 (空载)	Rope diameter/length 钢丝绳直径 / 长度	Max. single line pull 最大单绳拉力
Main winch 主卷扬	135m/min	Φ 16mm/195m	4.6t
Auxiliary winch 副卷扬	135m/min	Φ 16mm/110m	4.6t
Slewing speed 回转速度	2.7r/min		
Full luffing up/down time of boom 主臂起落幅时间	40s/50s		
Full extension/retraction time of boom 主臂伸缩时间	85s/115s		
Outrigger jack 垂直支腿	Extension 伸	25s	
	Retraction 缩	20s	
Outrigger beam 水平支腿	Extension 伸	30s	
	Retraction 缩	20s	

Counterweight Combinations

配重组合

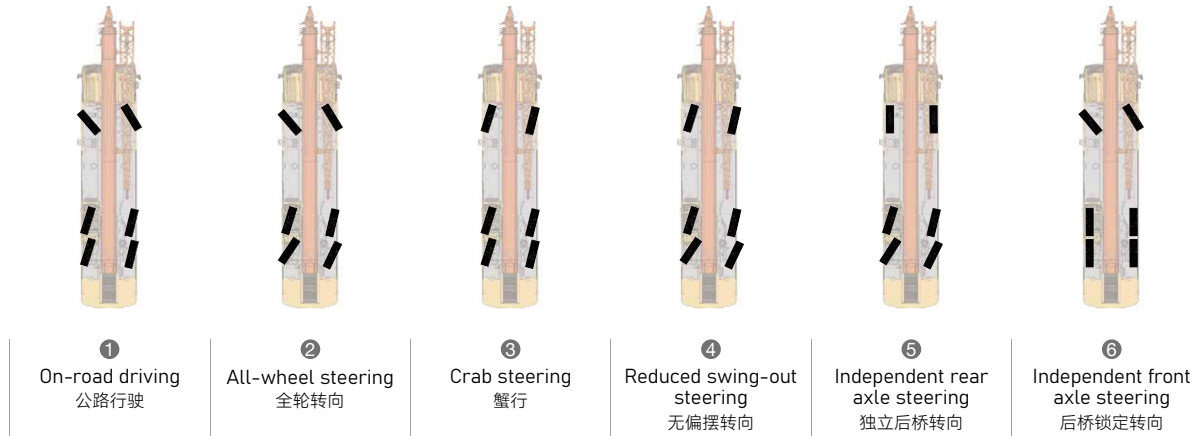


Travel Flexibility

通过能力

Six steering modes

6种转向模式

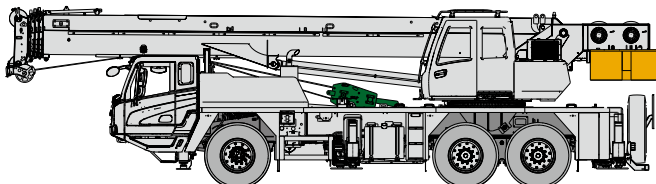


! When the crane speed exceeds 30 km/h, the electro-hydraulic assisted steering axle locks centrally, preventing safety risks caused by overly sensitive steering, driver fatigue, and auxiliary steering system failures during high-speed driving.

车速大于30km/h时，电液辅助转向桥对中锁定，避免高速行驶时由于转向过于灵敏、操控疲劳以及因辅助转向系统故障而引发的安全风险。

Traveling with counterweight and hook block on board

带载行驶能力



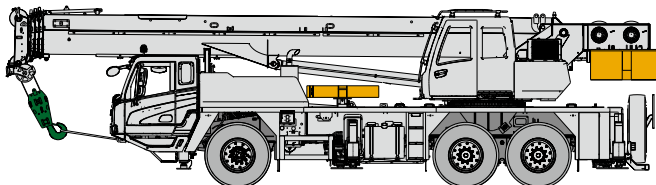
≤10.8t ≤11.6t ≤11.9t

≡ 34.3t

km/h 90km/h

Remark: Traveling with the jib, the main hook is located in the center of the frame and equipped with a fixed 4.0t counterweight.

备注：带副臂行驶，主钩放置在车架中间，配备4t配重。



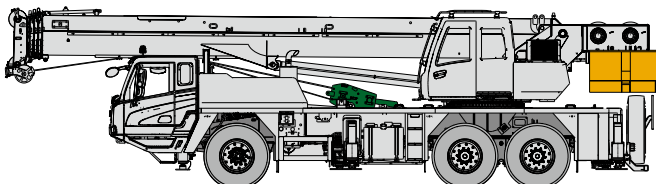
≤12.2t ≤12.2t ≤12.3t

≡ 36.7t

km/h 90km/h

Remark: Traveling with the jib, the main hook and auxiliary hook are located in the front of the driver's cab, with a counterweight of 6.4t (rear 4.0t + forward 2.4t).

备注：带副臂行驶，主钩放置在驾驶室前方，配备6.4t配重(4t后配重+2.4t前配重)。



≤10.1t ≤13.2t ≤13.4t

≡ 36.7t

km/h 55km/h

Remark: Traveling with the jib, the main hook and auxiliary hook are located in the center of the frame, with a counterweight of 6.4t (rear 4.0t + rear 2.4t).

备注：带副臂行驶，主副钩放置在车架中间，配备6.4t配重(4t后配重+2.4t前配重)。

Crane Introduction

整机介绍

Carrier 下车



Driver's cab 驾驶室

- New-gen i-Cab loaded with all new operation system and keyless entry delivers optimal driving comfort. HD LCD instrument, 12.1" super large screen, multi-functional steering wheel and electric A/C are configured. Air suspension driver's seat, double co-driver seats, widened berth and abundant space for storage are provided. The five-in-one multi-functional lock and openable front cover offer more convenience. New suspension system further ensures driving comfort.
- 全新“领致”智能两室，全新操作系统，轿车级极致体验，下车高清液晶组合仪表，12.1寸超大屏，多功能方向盘，无钥匙进入，电动空调。空气悬浮座椅，双人副驾，超宽卧铺，丰富储物空间，整车五锁合一，可开启式前面罩，新一代悬置系统。



Carrier frame 车架

- The anti-torsion box-type structure welded by high-strength steel with strong bearing capacity.
- 三一设计、制造，由细晶粒高强度钢板焊接而成的防扭转箱形结构，承载能力强。



Chassis engine 底盘发动机

- Model: DF Cummins Z10E360 264kW inline six-cylinder diesel engine with watercooler and inter cooler.
- Emission standard: Euro III.
- Fuel reservoir capacity: 300L.
- 型式：东康Z10E360 264kW、水冷却、增压中冷、柴油发动机。
- 环保性：排放符合欧三标准。
- 燃料箱有效容积：300L。



Transmission 变速箱

- 9-speed manual transmission with synchronizer, large speed ratio range, adaptable to slope climbing and high-speed traveling.
- 9档手动变速箱带同步器，速比范围大，即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 contrate gear connecting transmission shaft cardan.
- 优化的传动轴布置，传动轴传动平稳、可靠。最优力化传输，采用端面齿联结传动轴，传递扭矩较大。



Axle 车桥

- All-axle steering, axles 2, 3 are drive axles with built-in differential lock, realizing tougher ability to rough-terrain travelling. Press-welding axle housing technology, bearing capacity is stronger.
- 1、2、3轴为转向轴，2、3轴为驱动轴，带有轮间和轴间差速，脱困能力强；冲焊桥壳工艺，承载能力更强。



Suspension system 悬挂系统

- The suspension of all axles is realized by independence leaf spring.
- The system's strength is verified by 100,000 cycling fatigue tests, hence ride comfort is out of question.
- 前、后轴采用独立式钢板弹簧。
- 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

- Axles 1 adopts mechanical + hydraulic steering mechanism, and axles 2, 3 are steered electro-hydraulically. It supports six steering modes, including rear axle locking, independent steering, and crab mode.
- 1桥机械+液压助力，2、3桥电液辅助转向，支持后桥锁定、独立转向、蟹形模式等6种转向功能。



Tires 轮胎

- Seven radial vacuum tires sized 385/95R25, strong bearing capacity and durability.
- 7(轮胎数)—轮胎规格: 385/95R25，钢丝真空轮胎，承载能力大，耐用。



Wheel formula 车轮模式

- 6×4×6.



Outrigger 支腿

- 5.5m×6.4m H-type layout outriggers, four point support with fine-grained high-strength steel plate, easy to operate, outrigger beam hydraulically telescoping. Controlled by electronic control, supporting one-key extension and retraction, and one-key leveling. And the jack telescoping protected by two-way holding valve.
- H型支腿4点支撑，纵、横跨距5.5m×6.4m，易操作、稳定性强；采用细晶粒高强度钢板材料，电控控制，支持一键收、展车，一键调平。支腿垂直油缸采用双向液压锁进行安全保护。



Brake 制动系统

- The braking system includes service brake & parking brake & emergency brake & assisting brake.
- Service brake: air servo, dual circuit; front axle adopts disc brake and dual chambers, delivering stronger braking performance.
- Parking brake: functioning at axles 2 and 3 by spring-loaded air chamber.
- Emergency brake: performed by accumulator releasing pressure.
- Assisting brake: features an engine exhaust brake and a standard electric eddy current retarder, enhances braking safety assured when driving down long slopes and extends the service life of wheel brakes.
- 制动系统包括行车制动、驻车制动、应急制动和辅助制动。
- 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，前桥采用盘式制动器+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二、三桥上。
- 应急制动阀由蓄能器储能断气制动兼做应急制动。
- 辅助制动为缸内制动，另标配电涡流缓速器，提升长下坡路段制动安全，延长车轮制动器使用寿命。



Electrical system 电气系统

- 2*12V maintenance-free battery with a mechanical power switch, the overall power can be cut off manually. CAN instrument, data integration between superstructure and chassis.
- 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。

Crane Introduction

整机介绍



Operator's cab 操纵室

- It adopts pressed and welded structure, equipped with safety glass, sun shade, outward opening door; joystick mounted on the control box in line with the principle of man-machine engineering; Corrosion-resistant FRP reinforced structure, fully covered softened interior; panoramic skylight, operator seat back tiltable and other use-friendly design, making it comfortable and easy to operate. Touch screen of adjustable angle of view realizes multi-screen & multi-angle monitoring to ensure working safety and the one-click operation. The main control console is combined with the operation display system for convenient operation. Cooling / heating A/C available.
- 采用冲压成型的全焊接结构，装有安全玻璃，车窗装有遮阳帘，外开式车门，操纵杆安装在操纵箱上，符合人机工程原理；防腐玻璃钢强化复合结构、全覆盖软化内饰、全景式天窗、操作手座椅靠背可倾斜定位等人性化设计，操作舒适、轻松；触摸式显示屏，视角可调节、多画面、多角度监控保证作业安全，满足一键式操作；主控台与操作显示系统有机结合，人机交互方便快捷；配备冷暖空调。



Boom & telescoping system 伸缩系统

- The boom structure adopts high strength steel plate and five U-shaped sections with high stability; Full-extension length of boom is 44.1m, jib length of 8m, uses a mechanical luffing system. Lifting height of full-extension boom is 44.5m; boom telescopes via double cylinders with rope arranger.
- 五节臂，全伸臂长44.1m，副臂8m，采用机械变幅。主臂全伸起升高度44.5m，带副臂最大起升高度52.1m。由高强度焊接结构钢制成，U形截面，双缸+绳排伸缩方式。



Hoist 起升机构

- It adopts fixed motor to make the operation speed more efficient.
- Normally closed type winch brake, winch balance valve coupled with exclusive anti-slip tech contribute to smoother hoisting.
- 320kg main hook with 30t max. lifting capacity, 85kg auxiliary hook with 5t max. lifting capacity.
- Main winch wire rope: Left-hand wire rope 16-4V×39S-5FC-1960-U-zSGB8918-L195m.
- Auxiliary winch wire rope: Left-hand wire rope 16-4V×39S-5FC-1960-U-zSGB8918-L110m.
- 采用定量马达，作业速度高效。
- 常闭式卷扬制动器，卷扬平衡阀与独特的防溜钩技术完美结合，重物起落平稳。
- 主钩：320kg，最大吊重量为30t，副钩：85kg，最大吊重量为5t。
- 主卷钢丝绳：钢丝绳16-4V×39S-5FC-1960-U-zSGB8918-L195m。
- 副卷钢丝绳：钢丝绳16-4V×39S-5FC-1960-U-zSGB8918-L110m。



Luffing system 变幅系统

- Passive luffing down with balance system, reducing energy cost yet raising stability.
- Luffing angle: $-2^{\circ} \sim 80^{\circ}$.
- 采用自重落幅系统，降低能耗，提高落幅操作的平稳性。
- 变幅角度： $-2^{\circ} \sim 80^{\circ}$ 。



Slewing 回转系统

- 360° slewing and max. slewing speed 2.7r/min. Unique slewing buffer design makes the braking more stable.
- 360° 回转最大回转速度2.7r/min，动作稳定，系统可靠；独特的回转缓冲设计，制动更平稳。



Counterweight 配重

- Fixed counterweight 4t + movable counterweight 2.4t.
- 固定配重4t+活动配重2.4t。

Crane Introduction

整机介绍

Hydraulics 液压系统

- High quality oil pump, motor, valve and other key hydraulic components, to ensure the stability and reliability of the hydraulic system. The main valve functions flow compensation and load feedback control to easily realize stable control of single action and combined actions under various working conditions.
- The winch adopts high quality motor to make the operation more reliable; The max. speed of main and auxiliary single rope lifting speed is $\geq 135\text{m/min}$. The new hydraulic variable slewing system is adopted to make the slewing start & control more stable and the inching performance more excellent.
- It adopts the load-sensing variable piston pump to adjust the displacement in real time, realizing high-precision flow control, and greatly reducing energy loss.
- New shared double pump intelligent flow distribution system, can adopt independent luffing to avoid the interference of other operations, greatly improved combined action control. At the same time, the valve compensation technology is adopted, so that the flow can be distributed according to demand, which can improve the inching performance and control performance to meet precise lifting.
- Dynamically compensated passive luffing down: Active luffing down at large elevation, and passive luffing down at small elevation. This technology can automatically limit the speed to ensure constant speed and smoothness.
- The slewing system comes with an integrated slewing buffer valve and free swing mechanism, featuring smooth start and excellent inching-movement.
- 采用稳定、高品质的主油泵、主阀、卷扬马达、回转马达、平衡阀等关键液压件，系统可靠性高；通过精确的参数匹配，操控性能优越，主阀具备流量补偿、负载反馈控制功能，能在各种工况下，轻松实现单个动作和组合动作的稳定控制。
- 卷扬采用高品质马达，作业可靠；主副卷扬单绳最大速度达 $\geq 135\text{m/min}$ 。采用新型液控变量回转系统，回转启动和控制更为平稳，微动性更卓越。
- 负载敏感系统：采用大流量双联变量柱塞泵，流量充足但无浪费，作业高效、节能环保。
- 智能流量分配：使用全新智能流量分配主阀，组合动作时变幅独立，不受其他动作干扰，大幅提升组合动作操控性。采用阀后补偿技术，流量按需分配，微动性和操控性卓越，满足各种精准吊装。
- 功率管理：全新动力匹配及功率控制，四档取力，节能降噪。
- 动态补偿自重落幅技术：大仰角时加压落幅，小仰角时自重落幅，采用流量补偿技术可自动限速，保证落幅匀速平稳。
- 集成回转缓冲控制：融合升压缓冲、顺序制动及自由滑转技术，回转启停柔和平稳。

Control system 控制系统

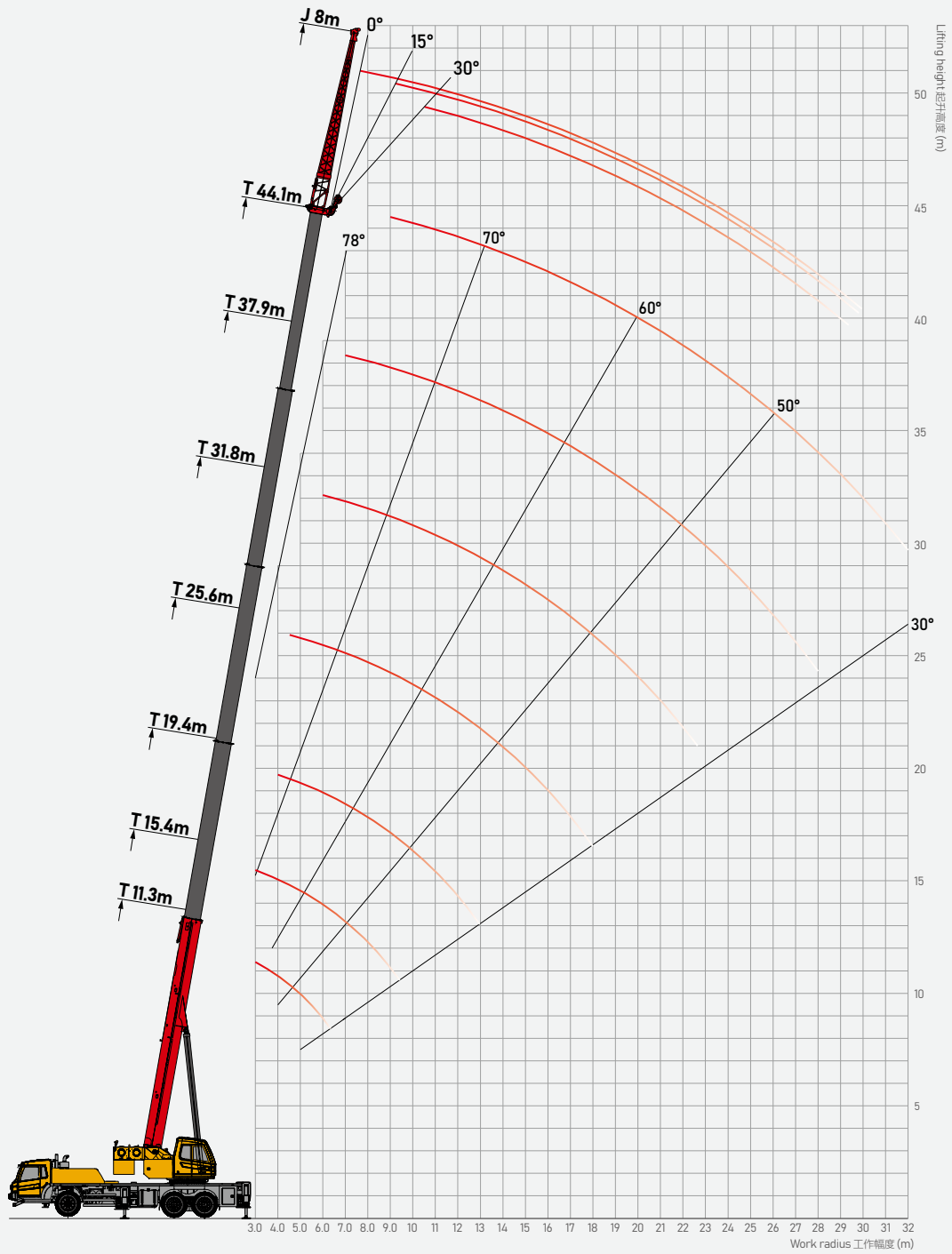
- High-precision LMI display offers multi-dimensional and all-round safety guarantee.
- Controllers, displays, meters, I/O modules, sensors, etc. are integrated in CAN Bus networking, fast-responsive and intelligent.
- Smart controllers, BCM control modules, fault self-diagnosis system, care free when operating.
- Specialized battery pack, achieving intelligent distribution and control of vehicle power.
- ROOTCLOUD, intelligent monitoring of the machine's movement trajectory and working conditions, functioning statistical analysis and big data management.
- 高精度力矩显示、多维度安全检测，全方位安全保障。
- 控制器、显示器、仪表、I/O 模块、传感器等采用 CAN 总线组网，高速智能。
- 智能控制器，BCM 控制模块、故障自诊断系统，作业更省心。
- 专用电瓶仓，整车电量智能分配和控制。
- 树根互联，智能监控主机运动轨迹、吊装工况，统计分析 & 大数据管理。

Safety equipment 安全装置

- Load moment indicator: Based on the loading mechanics model, the LMI system is established in the method of analytical mechanics. Through online empty-load calibration, the rated hoisting accuracy can reach $\pm 3\%$ to fully protect the hoisting operation.
- The hydraulic system is equipped with hydraulic balance valve, overflow valve, two-way hydraulic lock, etc. to realize the stability and reliability of the hydraulic system.
- The main and auxiliary hoists are equipped with 3rd wrap indicator to prevent over-hoist-down of the wire rope.
- Boom head and jib head are equipped with A2B limit switch to prevent the wire rope from over winding.
- 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.
- 力矩限制器：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，额定吊重精度达到 $\pm 3\%$ ，全方位保护吊载作业；超载作业时，系统自动报警提示，为操纵作业提供安全保障。
- 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、副卷扬配置三圈保护器，防止钢丝绳过放。
- 主、副臂端配置高度限位器，防止钢丝绳过卷。
- 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。

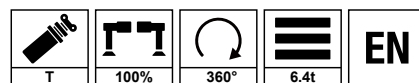
Operating Range - Telescopic Boom + Fixed Jib (TJ)

起升高度曲线 - 主臂 + 副臂



Load Chart - Telescopic Boom (T)

性能表 - 主臂



Unit: kg

	11.3	11.3	17.5	23.6	29.8	36.0	15.4	21.5	27.7	33.9	40.0	19.4	25.6	31.8	37.9	44.1	
2.5	40000*																2.5
3	40000*	30000					25500										3
3.5		27500	20000				25500					21500					3.5
4		26500	20000				25000	20000				21500					4
4.5		26000	20000	20000			24800	20000				21500					4.5
5		25000	20000	20000			23600	20000				21500	19600				5
5.5		23500	20000	20000			22100	20000	17600			21000	19600				5.5
6		21500	20000	19800	12300		20600	19600	17600			19700	19400				6
7		18300	18000	17800	12300		17800	17700	17000	11600		17300	17000	15300			7
8		15300	15500	15600	12300	8600	15100	15300	15200	11600		14700	15200	13900	11100		8
9		13100	13400	13700	11800	8500	12100	12900	13200	11300	8300	11800	12500	12600	10500	7700	9
10			11300	11700	10600	8000	10200	10900	11300	10200	8100	9900	10800	11000	10200	7700	10
11			9600	10000	9600	7800	8300	9100	9600	9500	7800	8100	8900	9300	9400	7500	11
12			8500	8900	8800	7700	6300	8000	8500	8500	7500	6800	7600	8100	8200	7000	12
13			7500	7600	7800	7200		6700	7200	7500	7000	5700	6400	6900	7200	6600	13
14			6500	6800	7100	6800		5900	6400	6700	6400	4900	5600	6100	6400	6200	14
15				6000	6100	6200		5100	5700	5800	5800	4100	4800	5300	5600	5800	15
16				5400	5700	5800		4500	5000	5300	5300	3300	4200	4700	5000	5200	16
18				4400	4600	4800		3700	4000	4200	4400		3200	3700	4000	4200	18
20				3500	3800	3900			3200	3400	3600		2400	2900	3200	3400	20
22					3100	3300			2500	2800	3000		1600	2200	2500	2700	22
24					2600	2700				2200	2400			1600	1900	2100	24
26						2200				1700	1900			1200	1500	1600	26
28						1800				1300	1500				1100	1200	28
30						1200					1200				700	900	30
32											900					700	32
34																	34
36																	36
	9	8	8	6	4	4	8	6	5	4	3	7	5	4	3	3	
	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	
	0	0	25	50	75	100	0	25	50	75	100	0	25	50	75	100	

Remark: "*" represents the load capacity index. Additional optional devices need to be selected.

备注: "*"代表为名义载荷, 仅代表起重能力等级。需选配附件。

Load Chart - Telescopic Boom (T)

性能表 - 主臂



Unit: kg

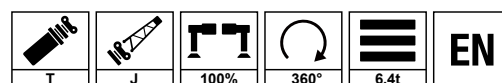
	11.3	11.3	17.5	23.6	29.8	36.0	15.4	21.5	27.7	33.9	40.0	19.4	25.6	31.8	37.9	44.1	
2.5	40000*																2.5
3	40000*	30000					25500										3
3.5		27500	20000				25500					21500					3.5
4		26500	20000				25000	20000				21500					4
4.5		26000	20000	20000			24800	20000				21500					4.5
5		25000	20000	20000			23600	20000				21500	19600				5
5.5		23400	20000	20000			22100	20000	17600			21000	19600				5.5
6		21500	20000	19800	12300		20600	19600	17600			19700	19400				6
7		18300	18000	17800	12300		17800	17700	17000	11600		17300	17000	15300			7
8		15300	15500	15600	12300	8600	15000	15300	15200	11600		14700	15200	13900	11100		8
9		12400	13400	13700	11800	8500	11900	12900	13200	11300	8300	11600	12500	12600	10500	7700	9
10			11000	11500	10600	8000	9500	10500	11000	10200	8100	9200	10100	10600	10200	7700	10
11			9200	9600	9600	7800	7800	8700	9200	9500	7800	7500	8300	8800	9100	7500	11
12			7800	8200	8500	7700	6300	7300	7800	8100	7500	6200	7000	7400	7700	7000	12
13			6700	7100	7300	7200		6200	6700	6900	7000	5100	5900	6300	6600	6600	13
14			5800	6200	6400	6500		5300	5700	6000	6200	4200	5000	5400	5700	5900	14
15				5400	5600	5800		4600	5000	5300	5400	3500	4200	4700	5000	5200	15
16				4800	5000	5100		3900	4400	4600	4800	2900	3600	4000	4300	4500	16
18				3700	4000	4100		2900	3300	3600	3800		2600	3000	3300	3500	18
20				3000	3200	3300			2600	2800	3000		1800	2300	2500	2700	20
22					2500	2700			1900	2200	2400		1200	1700	1900	2100	22
24					2000	2200				1700	1900			1200	1400	1600	24
26						1800				1300	1500			800	1000	1200	26
28						1400				900	1100				700	900	28
30						1100					800					600	30
	9	8	8	6	4	4	8	6	5	4	3	7	5	4	3	3	
	0	0	0	0	0	0	50	50	50	50	50	100	100	100	100	100	
	0	0	25	50	75	100	0	25	50	75	100	0	25	50	75	100	

Remark: "*" represents the load capacity index. Additional optional devices need to be selected.

备注: "*"代表为名义载荷, 仅代表起重能力等级。需选配附件。

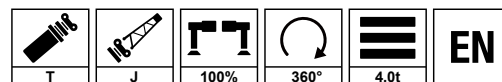
Load Chart - Telescopic Boom + Fixed Jib (TJ)

性能表 - 主臂 + 副臂



Unit: kg

	44.1m+8.0m			
	0°	15°	30°	
78	2500	1700	1400	78
75	2200	1600	1400	75
72	2000	1500	1200	72
69	2000	1400	1200	69
66	1600	1300	1000	66
63	1300	1200	1000	63
60	1100	1000	1000	60
57	900	800	800	57
54	700	600	600	54
51	500	500	400	51



Unit: kg

	44.1m+8.0m			
	0°	15°	30°	
78	2500	1700	1400	78
75	2200	1600	1400	75
72	2000	1500	1200	72
69	2000	1400	1200	69
66	1500	1300	1000	66
63	1100	1000	1000	63
60	800	800	700	60
57	600	600	500	57
54	400	400	400	54

Icon Description

图标说明

	Max. lifting capacity 最大起重重量		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
	Crane control 操纵方式		Hoist 起升机构		Suspension system 悬挂		Steering 转向
	Tires 轮胎		Wheel formula 轮胎模式		Brake 制动		Electrical system 电气系统
	Hydraulic system 液压系统		Slewing mechanism 回转机构		Safety equipment 安全装置		Load moment indicator 力矩限制器
	Counterweight 配重		Boom & telescoping system 主臂		Auxiliary boom nose 臂尖滑轮		Boom extension 主臂延伸臂
	Auxiliary jib 鹅头臂		CW rearward positioned 配重后移		Rear storage box 尾部储物箱		



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