

SANY[®]

SPECIFICATION

BETTER WORLD, BETTER SANY CRANE



SAC1300C8-8C

SANY ALL TERRAIN CRANE



130 t



72 m



104 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.

V1.0

It is one of the core business units in SANY Group, specializing in the development and manufacturing of high-end wheel cranes, crawler cranes and tower cranes, including the complete range of wheel cranes from 8 to 2400t, crawler cranes from 25 to 4500t and tower cranes from 6 to 185t.

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。覆盖8-2400t全吨位轮式起重机，25-4500t全吨位履带起重机，6-185t塔式起重机。

BETTER WORLD, BETTER SANY CRANE

SANY CRANE

QUALITY CHANGES THE WORLD



Superior Lifting Performance

起重性能强悍

Telescopic boom: 72m 8-section U shape boom.
Fixed jib: variable combinations from 9.4m to 29.5m, mechanical adjustment at 0°/15°/30°, the maximum lifting height can reach 136.6m.

主起重臂：8节U型主臂，全伸臂72m；

固定副臂：9.4m~29.5m多种臂长组合，0°/15°/30°可变位，最大起升高度可达104m。

Excellent Travel Performance

行驶性能卓越

Reinforced four-axle chassis structure with all-wheel steering, standard HANDE four-axle drive (optional KESSLER three-axle/four-axle drive), multiple steering and driving modes, and exceptional driving adaptability.
New intelligent multi-mode hydraulic and pneumatic suspension system with real-time vehicle posture monitoring, active lift, and adaptive damping adjustment functions for improved driving comfort and stability.
Powerful engine and transmission system significantly enhance driving safety and smoothness.

四桥加强型底盘结构，全轮转向、标配汉德四桥驱动(可选配KESSLER三桥/四桥驱动)，多种转向及驱动模式，行驶适应能力超强；
全新智能多模式油气悬挂系统，车体姿态实时监控、主动提升和变阻尼自适应等功能，驾乘更舒适，行驶更稳定；
强劲动力及传动系统，极大提高行驶安全性和平顺性。



Efficient and Reliable

高效可靠

Multi-pump, multi-circuit hydraulic system, with electric proportional and multi-stage pressure control, achieving optimized speed range and fine inching performance, resulting in superior performance.

Adopts a high-performance electric proportional dual-piston pump, an electric proportional load-sensitive main valve, and utilizes dynamic power matching. It achieves high efficiency in heavy-duty operations, smooth switching of compound actions, non-slip hooking during the secondary hooking of the winch, and the boom's movement is precisely controllable when luffing at medium and long lengths.

多泵、多回路液压系统，电比例及多级压力控制，实现速度分档和微动性优化，性能更卓越；

上车采用高性能电比例双联柱塞泵，电比例负载敏感主阀，运用动态功率匹配，重载作业效率高，复合动作切换柔和，卷扬二次起钩不溜钩，中长臂落幅微动可控。

Safe and Reliable

安全可靠

Multi-functional wireless remote control system makes crane operations more convenient and safer.

Utilizes high-precision, high-stability, and highly intelligent load moment indicator system to provide comprehensive protection for lifting operations.

Equipped with a variety of sensors to provide timely feedback on data information, enabling real-time monitoring and keeping track of the vehicle's working status at all times..

多功能无线遥控系统，起重机作业更加方便，操作更加安全；

采用高精度、高稳定性、高智能化的力矩限制器系统，全方位保护吊载作业；

配置丰富的传感器件，及时反馈数据信息，实时监控，随时掌握整车工作状态。

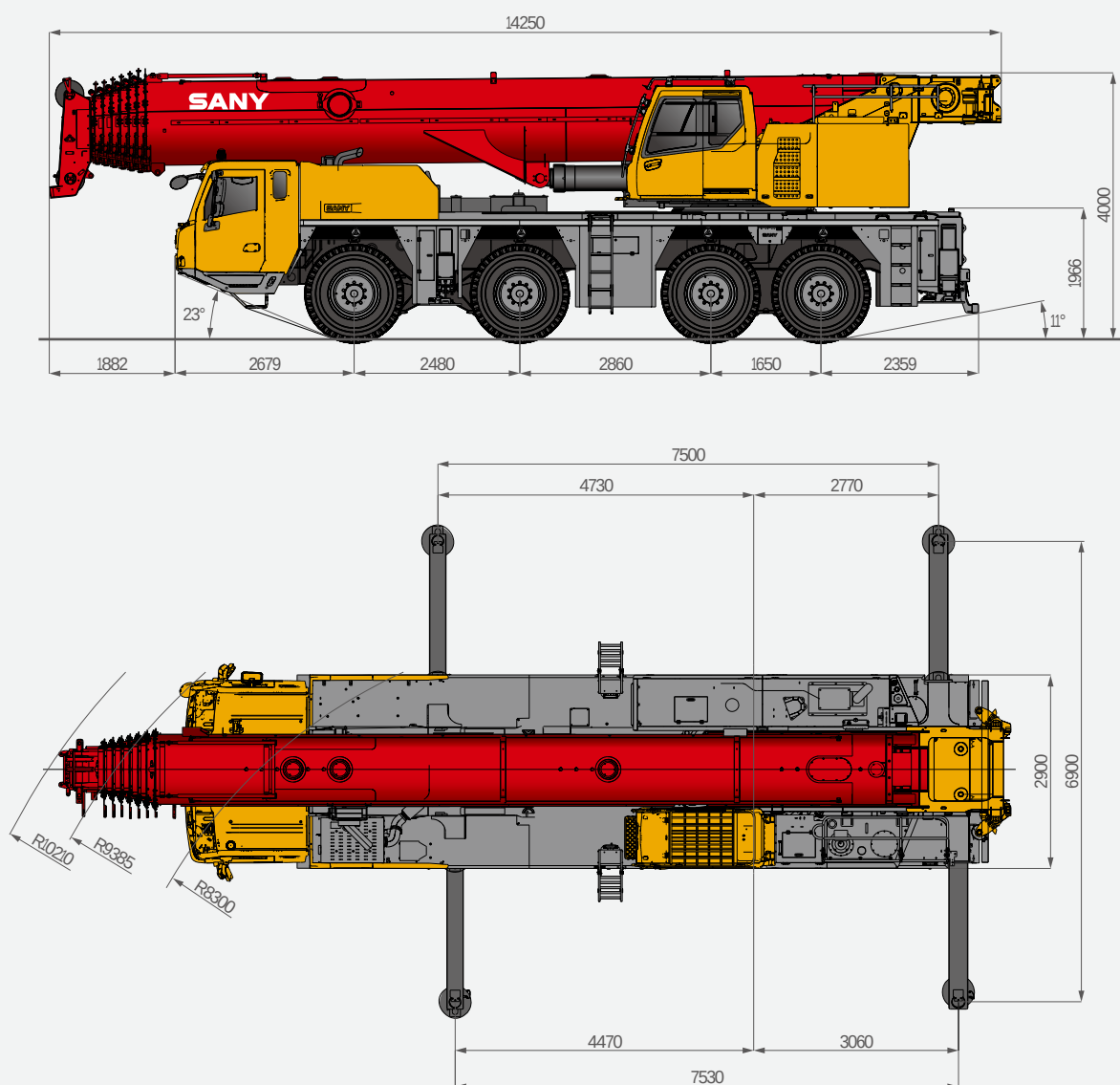


SAC1300C8-8C

SANY ALL TERRAIN CRANE

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	130
WEIGHT 重量参数	Gross weight 整机质量(拆除 6-8 节臂)	kg	48000
	Axle load 载荷	kg	12000
	Axles 1, 2 第一、二轴负荷	kg	12000
POWER (SUPERSTRUCTURE) 发动机参数(上车)	Engine model 发动机型号	-	B5.9CS4 220C 东康
	Max. engine power 发动机最大功率	kW/rpm	154/2200
	Max. engine torque 发动机最大输出扭矩	N·m/rpm	820/1600
POWER (CHASSIS) 发动机参数(下车)	Engine model 发动机型号	-	WP12.460E62
	Max. engine power 发动机最大功率	kW/rpm	338/1900
	Max. engine torque 发动机最大输出扭矩	N·m/rpm	2200/1000~1400
DIMENSIONS 尺寸参数	Overall length (Announcement Status) 整机全长(公告状态)	mm	14250 (14000)
	Overall width 整机全宽	mm	2900
	Overall height 整机全高	mm	4000
	Axles 1 & 2 第一、二轴距	mm	2480
	Axle base 轴距	mm	2860
	Axles 2 & 3 第二、三轴距	mm	1650
TRAVEL 行驶参数	Axles 3 & 4 第三、四轴距	mm	
	Max. travel speed 最高行驶速度	km/h	80
	Min. steering radius 最小转弯半径	m	8.3
	Min. ground clearance 最小离地间隙	mm	350
	Approach angle 接近角	°	23
	Departure angle 离去角	°	11
	Max. gradeability 最大爬坡度	%	70
	Fuel consumption per 100km 每 100 公里油耗	L	≤85
MAIN PERFORMANCE 主要性能参数	Wheel formula 车轮模式	-	8×8×8 / 8×6×8
	Min. rated lifting radius 最小额定幅度	m	3
	Tail slewing radius 转台尾部回转半径	mm	4700
	Boom sections (Qty.) 臂节数	-	8
	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
		Full-extension boom 全伸主臂	kN.m
		Full-extension boom + jib 全伸主臂 + 副臂	kN.m
	Boom length 臂长	Basic boom 基本臂	m
		Full-extension boom 全伸主臂	m
		Full-extension boom + jib 全伸主臂 + 副臂	m
	Outrigger span (Longitudinal×Transverse) 支腿跨距(纵×横)	°	7.5 × 6.9
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



Axle Load 轴荷

Axle 轴	1	2	3	4	Gross weight 总重量
Axle load 轴荷 /t	12	12	12	12	48

Remark: Including 6th to 8th section boom.
备注：不含第六至第八节伸缩臂。



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
80	○	3	7	693
32	○	1	3	505
12.5	●	0	1	270

● Standard 标配 ○ Optional 选配

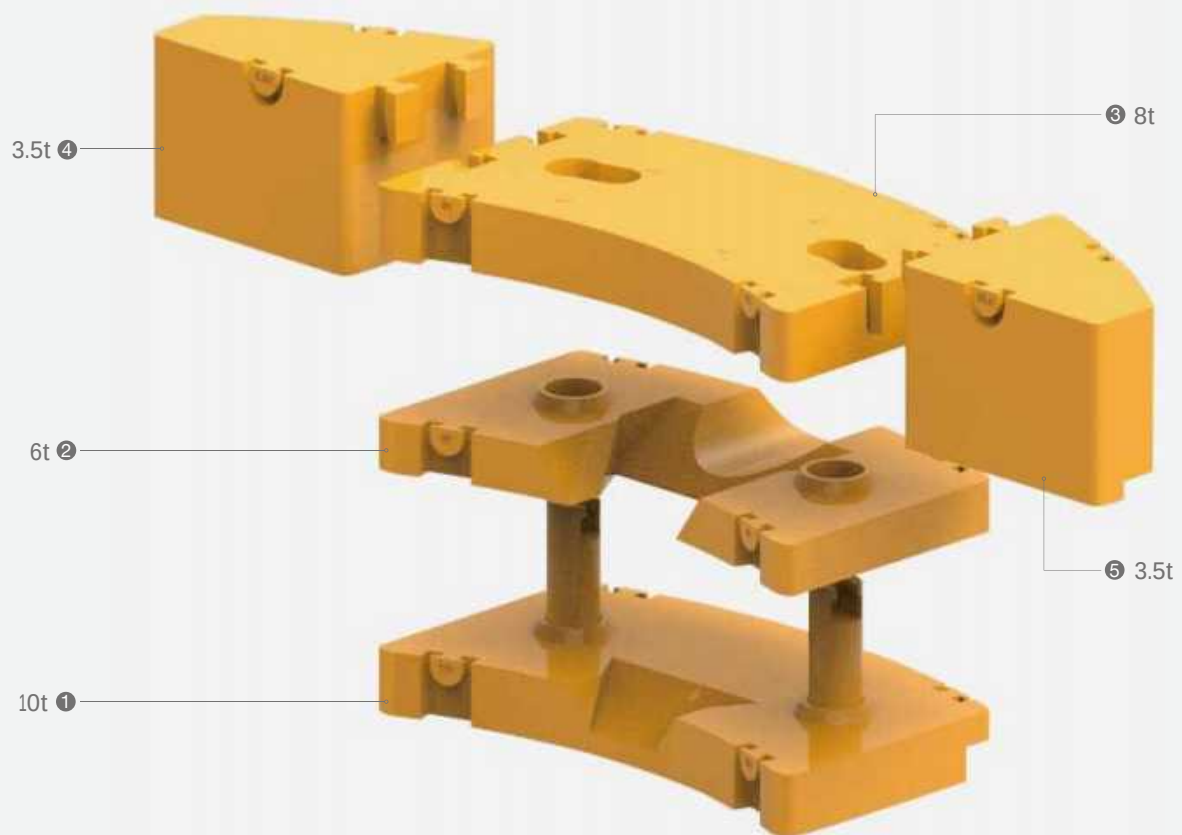


Operations 主要动作参数

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	140m/min	0	0
Auxiliary winch 副卷扬	140m/min	0	0
Slewing speed 回转速度	15r/min		
Full luffing up/down time of boom 主臂起落幅时间	70s/90s		
Full extension/retraction time of boom 主臂伸缩时间	0		
Outrigger jack 垂直支腿	Extension 伸	50s	
	Retraction 缩	50s	
Outrigger beam 水平支腿	Extension 伸	50s	
	Retraction 缩	50s	

Counterweight Combinations

配重组合



Crane Introduction

整机介绍

Superstructure 上车



Slewing platform 转台结构

- Independently designed by Sany, it is made of fine grained high-strength steel plates, with optimized structure.
- 三一自主设计, 结构更优化, 由细晶粒高强度钢制成。



Operator's cab 操纵室

- The Sany new 0°~20° tiltable operator's cab features a corrosion-resistant reinforced composite structure, a fully covered softened interior, a panoramic sunroof, and adjustable operator seat. These human-centered design elements make the operation comfortable and easy. The touch screen has an adjustable viewing angle, and the multi-screen, multi-angle monitoring ensures operational safety and facilitates one-touch operation, making all working condition data of the lifting operations clear at a glance. The perfect combination of the main console and operation display system enables quick and easy human-computer interaction. Heating and cooling A/C is also provided.
- 三一新款操纵室, 0°~20°可变角度, 采用耐腐蚀钢板, 配置全覆盖软化内饰、全景式天窗、可调式座椅等人性化设计, 操作更舒适、轻松; 配置显示屏, 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; 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。



Superstructure engine 上车发动机

- Power: 154kW/2200rpm.
- Torque: 820N·m/1600rpm.
- Emission standard: Non-road IV stage.
- Fuel reservoir capacity: 260L.
- 功率: 154kW/2200rpm;
- 最大扭矩: 820N·m/1600rpm;
- 环保性: 排放符合非道路IV阶段标准;
- 燃料箱有效容积: 260L。



Slewing 回转系统

- It is composed of fixed displacement motor and slewing reducer with mature technology and widely used on wheel cranes, at the same time, it adopts external meshing with slewing bearing to realize 360° full-slewing and 0~1.5 rpm stepless speed regulation. The slewing hydraulic system adopts a closed system, which can not only avoid the throttling loss of the open system, but also make the system have high efficiency; electric proportional brake pedal is used to realize emergency braking.
- 定量马达和回转减速机组成, 同时与回转支承采用外啮合形式, 以实现 360°全回转, 回转速度可从0~1.5rpm, 无级调速; 回转液压系统采用闭式系统, 即能够避免开式系统的节流损失, 又使系统具有较高的效率; 电比例制动踏板, 可实现紧急制动。



Hydraulics 液压系统

- Utilize load sensor control and constant power control axial piston variable pump.
- Achieves speed proportional adjustment and power adaptive adjustment. The pump automatically adjusts with load changes, making rational use of power. Speed control is not dependent on throttling, which reduces energy waste.
- 采用负荷传感器控制加恒功率控制轴向柱塞变量泵;
- 能实现速度比例调节和功率适应调节, 随负载变化自动调节油泵, 合理利用功率, 且速度控制不依靠节流实现, 减少了能量浪费。



Control system 控制系统

- Powered by 24 V DC, it adopts cable wiring, CAN-BUS control network, it also has the functions of system real-time monitoring and automatic fault diagnosis.
- Lifting, slewing, luffing and telescoping are controlled by two auto resettable multidirectional electric proportional joystick, boom extension and retraction are controlled by pedal, counterweight lifting, operator's cab tilting and turntable locking are all controlled by keys on the control panel.
- The display is connected with the controller by CAN bus, and its main functions include digital adjustment and display of electric proportional control parameters, fault code display of electric proportional system and real-time detection data display of hydraulic system.
- 由24V直流电源供电, 采用电缆布线, CAN-BUS总线控制网络, 具有系统实时监测和故障自动诊断功能;
- 起升、回转、变幅、伸缩由两个可自动复位多方向电比例手柄控制; 辅助动作平衡重升降、操纵室变位、转台锁止均在显示屏按键控制;
- 显示器由 CAN 总线与控制器连接, 主要功能: 电比例控制参数的数字化调整和显示, 电比例系统的故障代码显示, 液压系统实时检测数据的显示。



Hoist 起升机构

- Main hoist: Planetary gear reducer driven by hydraulic motor and special rope groove winch drum, with a built-in brake.
- Wire rope locks: The ends of the wire rope are cast and directly installed into the lock sleeve, improving the speed of changing the lifting ratio, making it convenient and quick.
- Wire rope specifications: φ22-2160, anti-rotation wire rope.
- Maximum single rope speed: approximately 140m/min.
- 液压马达驱动的行星齿轮减速机和专用绳槽卷扬鼓, 内置制动器;
- 钢丝绳锁具: 钢丝绳端浇铸, 直接安装于锁套内, 提高起重倍率的更换速度, 方便快捷;
- 钢丝绳规格: φ22-2160, 抗旋转钢丝绳;
- 最大单绳速: 约140m/min。



Boom & telescoping system 伸缩系统

- Boom: It is composed of 1 base boom and 7 telescopic sections. Basic boom 12.3m, full-extension boom 72m.
- Jib: Fixed jib can realize the length combination of 9.4m~29.5m.
- 主起重臂: 由1节基本臂和7节伸缩臂组成, 基本臂长12.3m, 全伸臂长72m;
- 副起重臂: 固定副臂: 可实现9.4m~29.5m的臂长组合。



Luffing system 变幅系统

- Single cylinders are adopted, the hydraulic system adopts dual-pump converging open hydraulic circuit, and the combination of electric proportional control, active luffing and passive luffing down can realize fast luffing at large elevation and stable slow luffing at small elevation. Luffing angle: 0°~81°.
- 单油缸前顶式变幅, 变幅角度 0°~81°, 液压系统采用双泵合流开式液压回路, 采用电比例控制、动力落幅和自重落幅相结合, 可实现大角度快速落幅, 小角度稳定慢速落幅。

Crane Introduction

整机介绍

Superstructure 上车



Counterweight 配重

- Combined variable counterweight. Variable combinations from 0t to 31t can meet the needs of different working conditions.
- 组合式可变平衡重, 0~31t多种组合方式。



Safety equipment 安全装置

- A method of analytical mechanics is adopted and a load moment indicator calculation system based on the lifting mechanics model is established. Through online empty-load calibration, the lifting accuracy can reach $\pm 5\%$.
- The hydraulic system is equipped with hydraulic balance valve, relief valve, two-way hydraulic lock, etc. to realize the stability and reliability of the hydraulic system.
- The boom and luffing jib hoists are equipped with 3rd wrap indicators to prevent over-hoist-down of the wire rope.
- The boom head and jib head are equipped with A2B switch to prevent the wire rope from over winding.
- The boom head is equipped with an anemometer to detect whether the wind speed exceeds the allowable range.
- Superlift device retracting and releasing rope tension protection, jib installation and lifting protection.
- 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 $\pm 5\%$;
- 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;
- 卷扬配置三圈保护器, 防止钢丝绳过放;
- 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;
- 副臂安装、吊载保护程序等。

Carrier 下车



Driver's cab 驾驶室

- The cab is a new type of steel structure independently developed by SANY, with excellent shock absorption and sealing performance. With outward opening doors on both sides, and featuring driver's seat and passenger's seat with pneumatic suspension, adjustable multi-function steering wheel, large-field rearview mirrors, comfortable driver's seat with headrest, anti-fog fan, heating and cooling A/C, stereo radio etc., as well as complete control instruments and meters, so that the driving will be more comfortable, safer, and more user-friendly.
- 驾驶室为三一自主研发新款驾驶室, 自主开发新型钢结构, 减震性和封闭性优良, 两侧外开式车门, 配备气动悬置的驾驶室与副驾驶室、可调整式的转向盘、大视野后视镜、配有头枕的舒适驾驶室椅、防雾扇、冷暖空调、立体收音机等装配, 控制仪器和仪表齐全, 更加舒适、安全、人性化。



Carrier frame 车架

- Designed and manufactured by SANY, the torsion-resistant box-type structure with optimized structure and low weight is welded by fine-grained high-strength steel plates. The outriggers are retracted in special fixed boxes, which are located between axle 1 and axle 2 and at the carrier frame tail, and equipped with front and rear towing devices.
- 三一自主研发并专业化制造, 结构优化, 防扭转箱型结构, 细晶粒高强度钢板焊接制作; 支腿收缩在特制固定箱中, 支腿箱位于1桥和2桥之间以及车架尾部; 并且配备前牵引挂钩。



Axle 车桥

- HANDE axle. (optional German-imported KESSLER axle).
- 汉德车桥(可选配德国进口KESSLER桥)。



Chassis engine 底盘发动机

- Model: Electronically controlled, in-line 6-cylinder, watercooled, supercharged, intercooled diesel engine.
- Power: 338kW/1800rpm.
- Torque: 2200N·m/1000~1400rpm.
- Emission standard: China VI.
- Fuel reservoir capacity: approx. 400L.
- 型式: 电控、直列六缸、水冷却、增压中冷、电喷、柴油发动机;
- 额定功率: 338kW/1800rpm;
- 最大扭矩: 2200N·m/1000~1400rpm;
- 环保性: 排放符合国VI标准;
- 燃料箱有效容积: 400L。



Transmission 变速箱

- FAST automatic transmission with 12 speeds forward and 2 speeds reverse, intelligent adaptive shifting, with integral hydraulic retarder for wear-free brake, which is adaptable to slope climbing and high-speed traveling on public roads.
- 法士特自动变速箱, 速比范围大(12个前进档、2个倒挡), 智能自适应换挡, 一体式液力缓速器无磨损制动, 极致爬坡脱困能力, 既可满足低速场地爬坡又可满足公路高速行驶。



Brake 制动系统

- Dual circuit, air brake, disc brakes available.
- Service brake: air servo brakes on all wheels, dual circuits, all wheels equipped with new disc brakes.
- Parking brake: actuated by pressure accumulators on axles 2 to 4.
- Assist brake: engine brake, transmission hydraulic retarder brake.
- 双回路、气制动、配备盘式制动器;
- 行车制动器: 所有车轮均采用空气伺服制动器, 双回路制动系统, 新型盘式制动器;
- 驻车制动器: 由蓄压器驱动作用在第二至第四桥上;
- 辅助制动器: 发动机上带有发动机制动、变速箱配备液力缓速制动。

Crane Introduction

整机介绍

Carrier 下车



Suspension system 悬挂系统

- Multi-mode height adjustable hydro-pneumatic suspension devices with hydraulic lockout, which can realize five modes incl. suspension, rigid locking, auto leveling, whole vehicle rising and single point rising & lowering.
- It can conduct real-time monitoring of vehicle attitude, smart identifying of axle load, active rising and self-adaptability to tough terrains, ensuring smoothness and lateral stability during driving.
- 智能多模式油气悬挂系统, 悬架高度可调, 带液压闭锁装置, 能实现悬挂、刚性锁定、自动调平、整车升降、单点升降五种模式。具备车体姿态实时监控、轴荷智能识别、主动提升和复杂路面自适应等功能, 驾乘更舒适, 行驶更稳定。



Steering 转向系统

- All new constant pressure and constant flow steering system featuring linear following without lag and precise steering angle. Equipped with steering emergency systems.
- Six steering modes: 1) on-road driving (default). 2) all wheel steering. 3) crab steering. 4) reduced swing out steering. 5) independent rear axle steering. 6) independent front axle steering.
- 全新的恒压恒流量智能转向系统, 线性跟随无滞后, 转角精准零偏差; 具备转向应急系统, 行驶更加安全可靠;
- 可分为六种转向模式: 1) 公路行驶模式 (默认模式); 2) 全轮转向模式; 3) 蟹形模式; 4) 无偏摆转向模式; 5) 独立后桥转向模式; 6) 后桥锁定转向模式。



Outrigger 支腿

- H-type two-stage telescopic outriggers. The telescopic hydraulic system of outrigger adopts electric proportional control technology and is equipped with wireless remote control with high control precision and easy operation, and has the function of automatic leveling.
- 采用双H型单级伸缩支腿, 支腿伸缩液压系统采用电比例控制技术, 并配置有无线遥控, 并具有自动调平等功能, 控制精度高, 操作简便。



Wheel formula 车轮模式

- 8×8×8 / 8×6×8.



Tires 轮胎

- 8 445 tires or 8 525 tires.
- 8 个 445 轮胎或 8 个 525 轮胎。

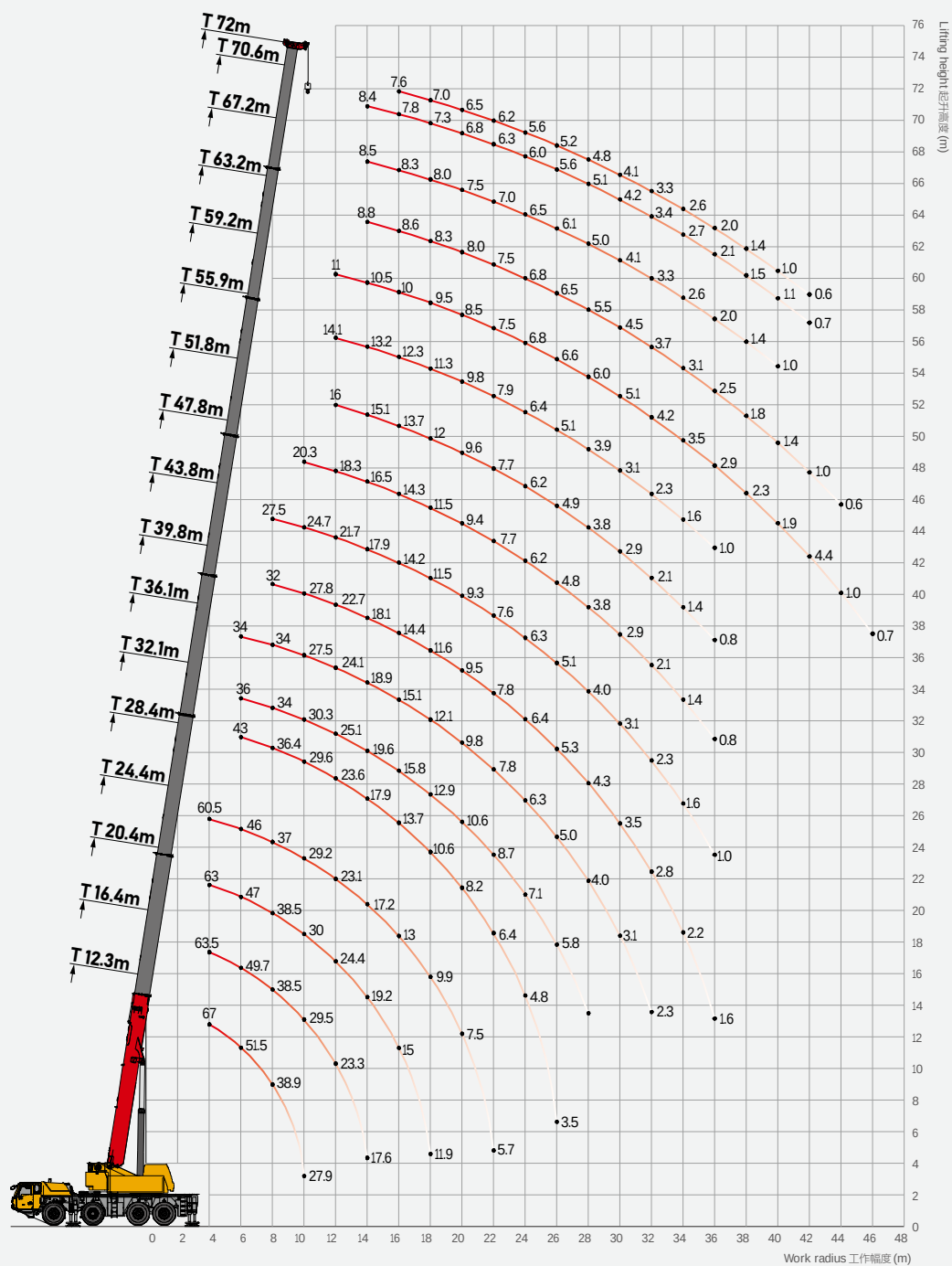


Electrical system 电气系统

- 24 V DC power supply. Chassis power supply can be cut off; equipped with auto lighting system; actions of the vehicle such as throttle and outrigger control are realized by electrical control with easy and fast operation; the electrical system has strong detection, logic, operation and other capabilities, and has the functions of fault diagnosis, centralized display and self-protection.
- The chassis adopts CAN bus system, which is provided with: fast, stable and accurate data transmission; multi-functional centralized display system; high protection grade of IP65; low power consumption with a maximum of 5W; with four function keys provided in the user interface; LCD is used for display adjustable for contrast.
- 采用24V直流电源, 可实现下车电源切断; 配备汽车照明系统; 车辆的动作, 如油门、支腿操纵等都经电气控制实现, 使动作轻便、快捷; 电气系统有很强的检测、逻辑、运算等能力, 具故障自诊断、集中显示及自我保护功能;
- 底盘采用 CAN 总线系统, 具有数据快速、稳定、准确等优点; 多功能的集中显示系统; 防护等级高, IP65; 功率消耗小, 最大仅有 5w; 在用户界面提供四个功能键; 显示采用 LCD 液晶, 对比度可调整。

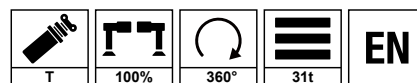
Operating Range - Telescopic Boom (T)

起升高度曲线 - 主臂



Load Chart - Telescopic Boom (T)

性能表 - 主臂

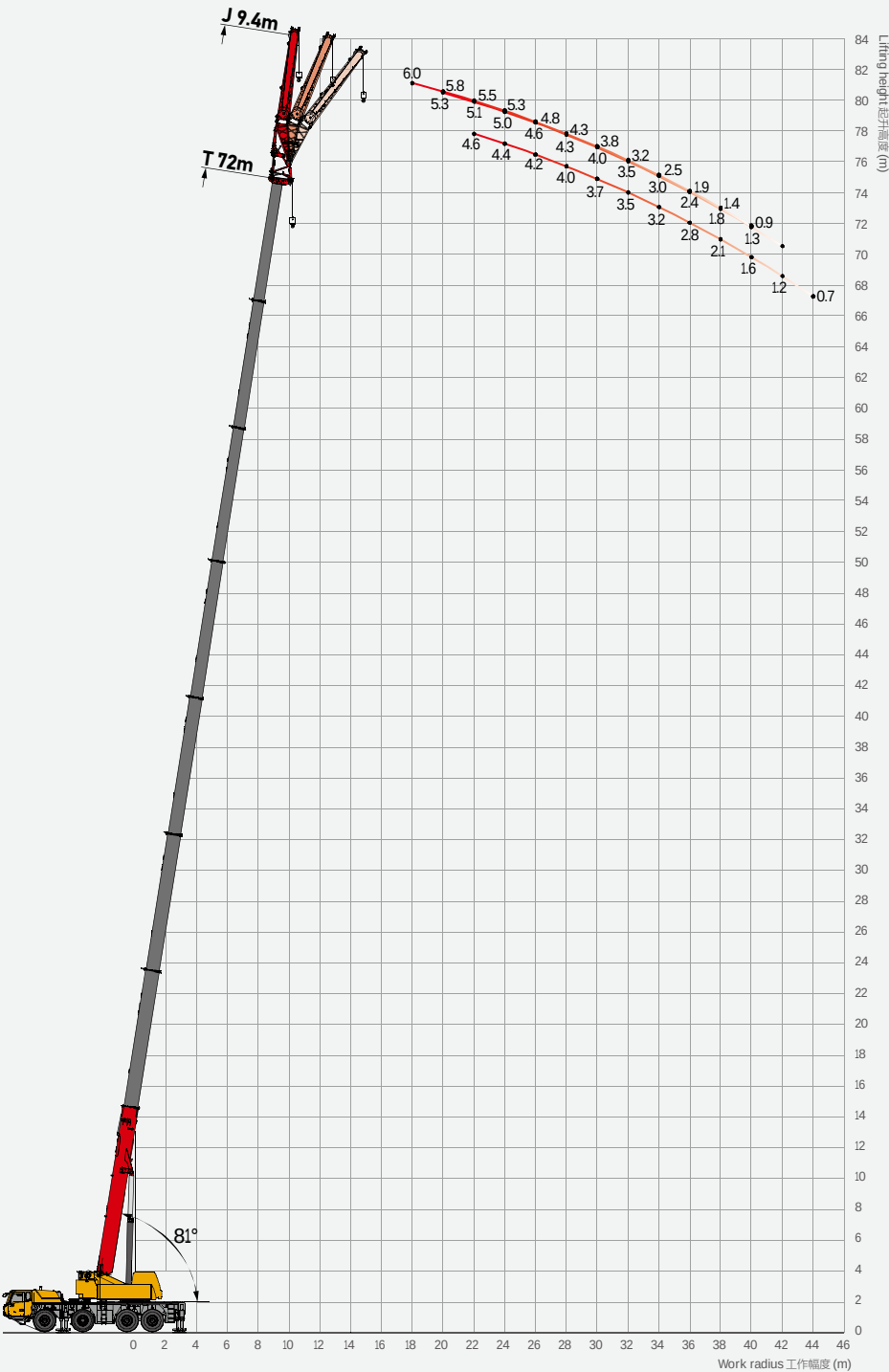


Unit: t

	12.3	16.4	20.4	24.4	28.4	32.1	36.1	39.8	43.8	47.8	51.8	55.9	59.2	63.2	67.2	70.6	72	
3.0	130*																	3.0
3.5	70	65	64															3.5
4.0	67	63.5	63	60.5														4.0
4.5	62.5	59.9	57	56.1	49.5													4.5
5.0	58.5	56	53	52.3	49.5	36												5.0
6.0	51.5	49.7	47	46	43	36	34											6.0
7.0	45.3	44.5	43	41.1	40.3	35	34	34										7.0
8.0	38.9	38.5	38.5	37	36.4	34	34	32	27.5									8.0
9.0	34	33.5	34	33.2	33.1	32.6	30.3	29.9	26.3	22								9.0
10.0	27.9	29.5	30	29.2	29.6	30.3	27.5	27.8	24.7	20.3								10.0
11.0		26.2	27.2	25.9	26.3	27.8	26	25.2	23.1	19.4	17	14.1						11.0
12.0		23.3	24.4	23.1	23.6	25.1	24.1	22.7	21.7	18.3	16	14.1	11					12.0
14.0		17.6	19.2	17.2	17.9	19.6	18.9	18.1	17.9	16.5	15.1	13.2	10.5	8.8	8.5	8.4		14.0
16.0			15	13	13.7	15.8	15.1	14.4	14.2	14.3	13.7	12.3	10	8.6	8.3	7.8	7.6	16.0
18.0			11.9	9.9	10.6	12.9	12.1	11.6	11.5	11.5	12	11.3	9.5	8.3	8	7.3	7	18.0
20.0				7.5	8.2	10.6	9.8	9.5	9.3	9.4	9.6	9.8	8.5	8	7.5	6.8	6.5	20.0
22.0				5.7	6.4	8.7	7.8	7.8	7.6	7.7	7.7	7.9	7.5	7.5	7	6.3	6.2	22.0
24.0					4.8	7.1	6.3	6.4	6.3	6.2	6.2	6.4	6.8	6.8	6.5	6	5.6	24.0
26.0					3.5	5.8	5	5.3	5.1	4.8	4.9	5.1	6.6	6.5	6.1	5.6	5.2	26.0
28.0						4.7	4	4.3	4	3.8	3.8	3.9	6	5.5	5	5.1	4.8	28.0
30.0							3.1	3.5	3.1	2.9	2.9	3.1	5.1	4.5	4.1	4.2	4.1	30.0
32.0							2.3	2.8	2.3	2.1	2.1	2.3	4.2	3.7	3.3	3.4	3.3	32.0
34.0								2.2	1.6	1.4	1.4	1.6	3.5	3.1	2.6	2.7	2.6	34.0
36.0								1.6	1	0.8	0.8	1	2.9	2.5	2	2.1	2	36.0
38.0													2.3	1.8	1.4	1.5	1.4	38.0
40.0													1.9	1.4	1	1.1	1	40.0
42.0													1.4	1		0.7	0.6	42.0
44.0													1	0.6				44.0
46.0													0.7					46.0
48.0																		48.0
50.0																		50.0
	14	7	7	7	5	4	4	4	3	3	2	2	2	1	1	1	1	
2#	0	0	0	46	46	0	46	46	92	92	92	92	0	46	92	92	100	2#
3#	0	46	0	46	46	46	46	46	46	92	92	92	92	92	92	92	100	3#
4#	0	0	46	46	46	46	46	46	46	46	92	92	92	92	92	100	100	4#
 5#	0	0	46	0	46	46	46	46	46	46	46	92	92	92	92	100	100	 5#
6#	0	0	0	0	0	46	46	46	46	46	46	46	92	92	92	100	100	6#
7#	0	0	0	0	0	46	46	46	46	46	46	46	92	92	92	100	100	7#
8#	0	0	0	0	0	0	0	46	46	46	46	46	92	92	92	100	100	8#
 m/s	14.3	14.3	14.3	14.3	12.8	12.8	12.8	12.8	14.3	14.3	12.8	12.8	14.3	12.8	12.8	12.8	12.8	 m/s

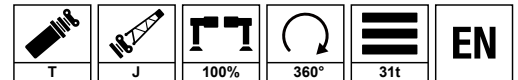
Operating Range - Telescopic Boom + Fixed Jib (TJ)

起升高度曲线 - 主臂 + 副臂



Load Chart - Telescopic Boom + Fixed Jib (TJ)

性能表 - 主臂 + 副臂

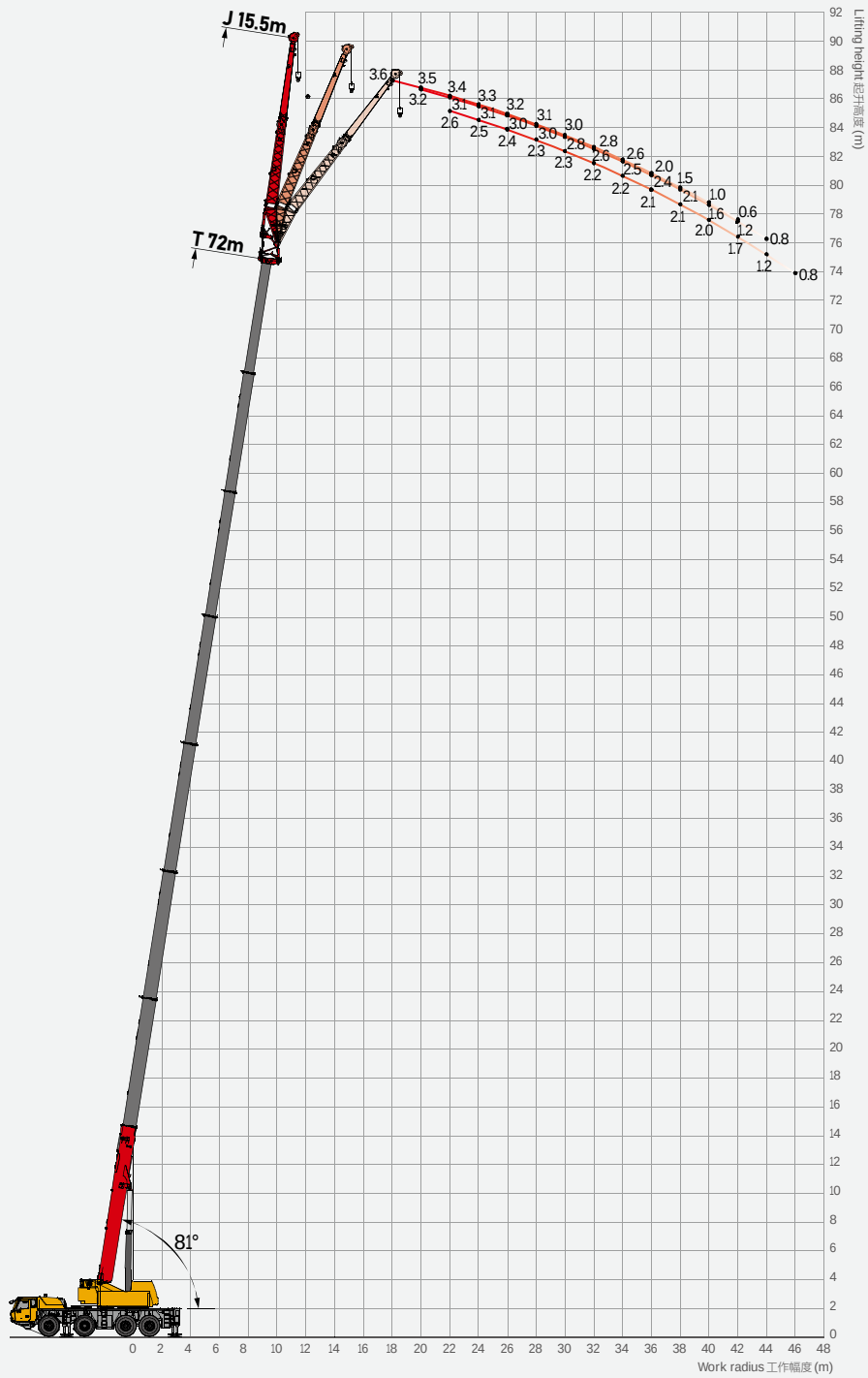


Unit: t

	63.5m + 9.4m			67.2m + 9.4m			72.0m + 9.4m			
	0	15	30	0	15	30	0	15	30	
9.0										9.0
10.0										10.0
11.0	7.5									11.0
12.0	7.3									12.0
14.0	7.2	6								14.0
16.0	7	6		7	6					16.0
18.0	6.7	5.7	5	6.7	5.6	5	6			18.0
20.0	6.2	5.5	5	6.2	5.5	5	5.8	5.3		20.0
22.0	6	5.2	4.8	5.8	5.3	4.8	5.5	5.1	4.6	22.0
24.0	5.7	5	4.5	5.6	5.1	4.7	5.3	5	4.4	24.0
26.0	5.4	4.7	4.2	5	5	4.5	4.8	4.6	4.2	26.0
28.0	4.6	4.5	4.1	4.5	4.5	4.3	4.3	4.3	4	28.0
30.0	3.8	4.3	3.8	4	4.2	4	3.8	4	3.7	30.0
32.0	3	3.5	3.5	3.3	3.8	3.8	3.2	3.5	3.5	32.0
34.0	2.3	2.7	3.1	2.6	3	3.4	2.5	3	3.2	34.0
36.0	1.6	2.2	2.5	1.9	2.4	2.8	1.9	2.4	2.8	36.0
38.0	1.2	1.6	1.9	1.4	1.8	2.2	1.4	1.8	2.1	38.0
40.0	0.7	1.1	1.4	0.9	1.3	1.6	0.9	1.3	1.6	40.0
42.0		0.6	0.9	0.6	0.9	1.2		0.8	1.2	42.0
44.0						0.8			0.7	44.0
46.0										46.0
48.0										48.0
50.0										50.0
52.0										52.0
	1	1	1	1	1	1	1	1	1	
2#	92	92	92	92	92	92	100	100	100	2#
3#	92	92	92	92	92	92	100	100	100	3#
4#	92	92	92	92	92	92	100	100	100	4#
5#	92	92	92	92	92	92	100	100	100	5#
6#	92	92	92	92	92	92	100	100	100	6#
7#	92	92	92	92	92	92	100	100	100	7#
8#	46	46	46	92	92	92	100	100	100	8#
	9	9	9	9	9	9	9	9	9	

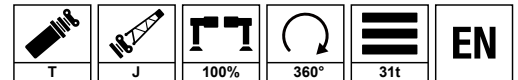
Operating Range - Telescopic Boom + Fixed Jib (TJ)

起升高度曲线 - 主臂 + 副臂



Load Chart - Telescopic Boom + Fixed Jib (TJ)

性能表 - 主臂 + 副臂

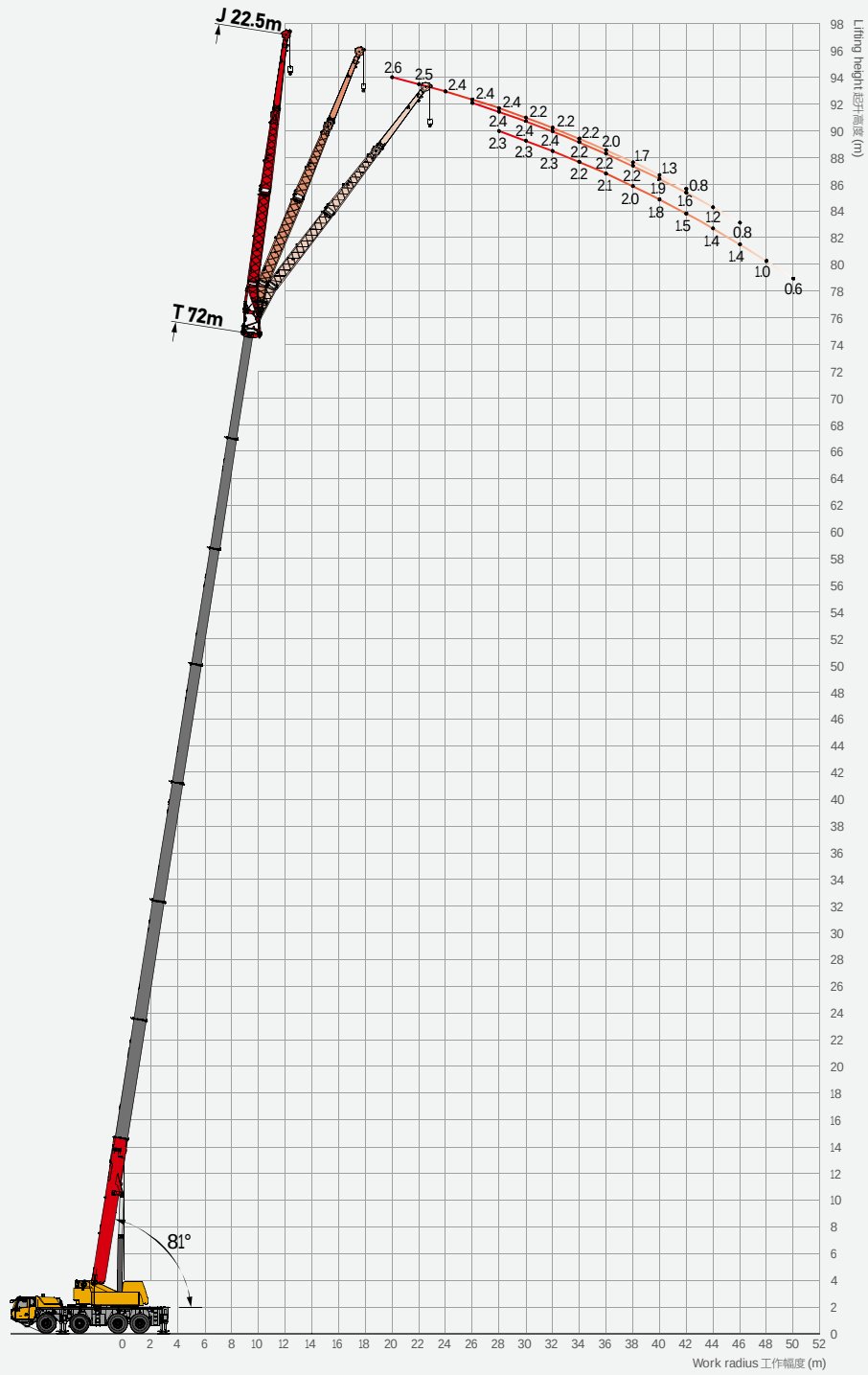


Unit: t

	63.5m + 15.5m			67.2m + 15.5m			72.0m + 15.5m			
	0	15	30	0	15	30	0	15	30	
9.0										9.0
10.0										10.0
11.0										11.0
12.0										12.0
14.0	4.2									14.0
16.0	4.1			4.3						16.0
18.0	4.1	3.8		4.2	3.5		3.6			18.0
20.0	4	3.5	2.8	4	3.2		3.5	3.2		20.0
22.0	4	3.3	2.6	3.9	3.1	2.8	3.4	3.1	2.6	22.0
24.0	3.8	3.3	2.5	3.7	3.1	2.5	3.3	3.1	2.5	24.0
26.0	3.7	3.2	2.5	3.6	3.1	2.4	3.2	3	2.4	26.0
28.0	3.6	3.2	2.4	3.5	3.1	2.3	3.1	3	2.3	28.0
30.0	3.5	3.1	2.3	3.4	3.1	2.3	3	2.8	2.3	30.0
32.0	3.2	3.1	2.3	3.3	3	2.2	2.8	2.6	2.2	32.0
34.0	2.5	3.1	2.2	2.7	3	2.2	2.6	2.5	2.2	34.0
36.0	1.9	2.6	2.2	2.1	2.8	2.1	2	2.4	2.1	36.0
38.0	1.3	2	2.1	1.6	2.2	2.1	1.5	2.1	2.1	38.0
40.0	0.9	1.4	2	1.1	1.7	2	1	1.6	2	40.0
42.0		1	1.5	0.7	1.2	1.7	0.6	1.2	1.7	42.0
44.0		0.6	1		0.8	1.3		0.8	1.2	44.0
46.0			0.6			0.8			0.8	46.0
48.0										48.0
50.0										50.0
52.0										52.0
	1	1	1	1	1	1	1	1	1	
2#	92	92	92	92	92	92	100	100	100	2#
3#	92	92	92	92	92	92	100	100	100	3#
4#	92	92	92	92	92	92	100	100	100	4#
5#	92	92	92	92	92	92	100	100	100	5#
6#	92	92	92	92	92	92	100	100	100	6#
7#	92	92	92	92	92	92	100	100	100	7#
8#	46	46	46	92	92	92	100	100	100	8#
	9	9	9	9	9	9	9	9	9	

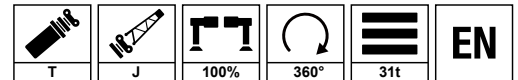
Operating Range - Telescopic Boom + Fixed Jib (TJ)

起升高度曲线 - 主臂 + 副臂



Load Chart - Telescopic Boom + Fixed Jib (TJ)

性能表 - 主臂 + 副臂

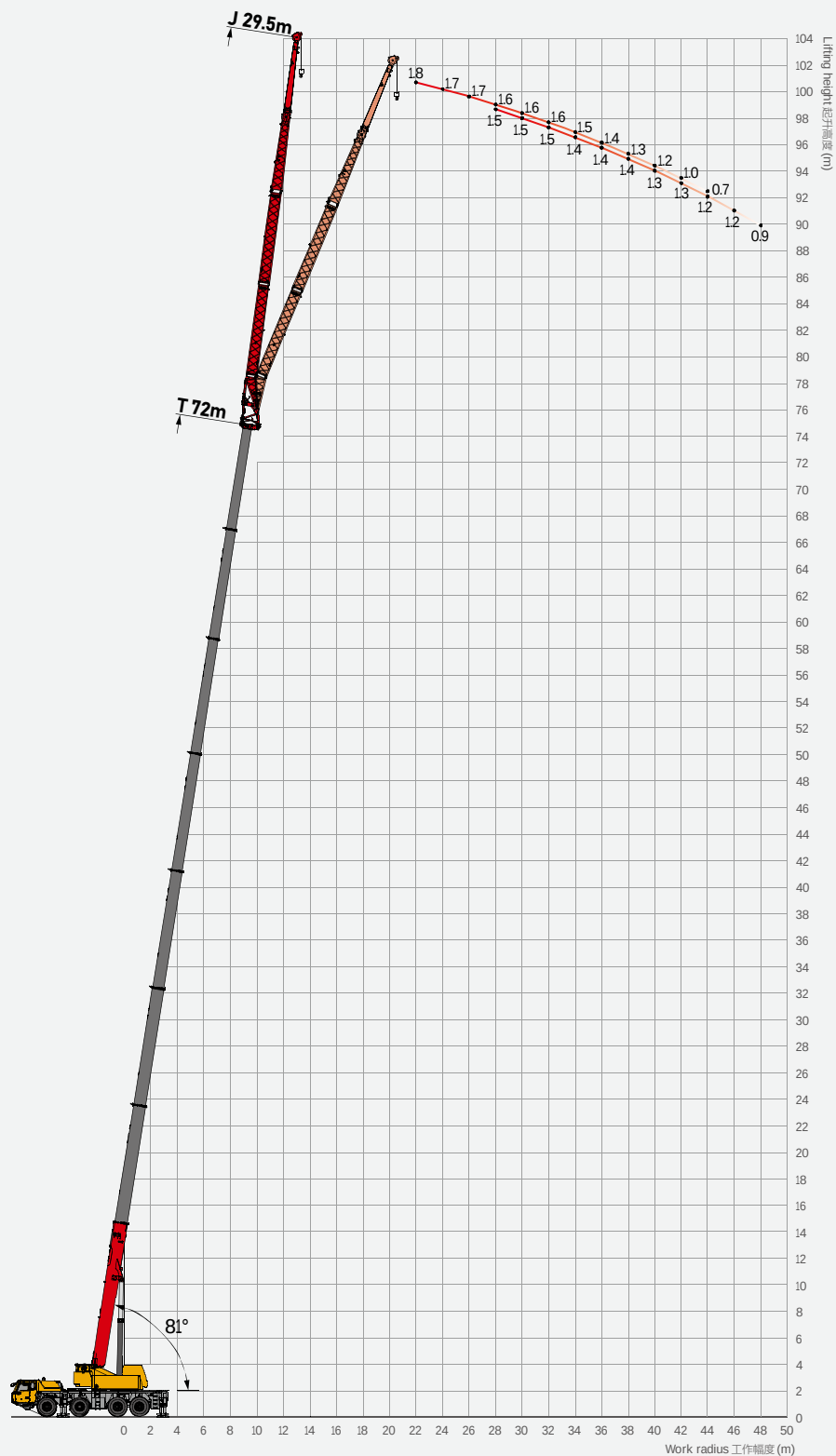


Unit: t

	63.5m + 22.5m			67.2m + 22.5m			72.0m + 22.5m			
	0	15	30	0	15	30	0	15	30	
9.0										9.0
10.0										10.0
11.0										11.0
12.0										12.0
14.0										14.0
16.0	3.4									16.0
18.0	3.3			2.8						18.0
20.0	3.1			2.7			2.6			20.0
22.0	3	2.8		2.6			2.5			22.0
24.0	2.9	2.7	2.5	2.6	2.5		2.4			24.0
26.0	2.8	2.5	2.5	2.5	2.5	2.3	2.4	2.4		26.0
28.0	2.8	2.5	2.4	2.5	2.5	2.3	2.4	2.4	2.3	28.0
30.0	2.7	2.5	2.3	2.5	2.5	2.2	2.2	2.4	2.3	30.0
32.0	2.6	2.4	2.3	2.3	2.3	2.2	2.2	2.4	2.3	32.0
34.0	2.4	2.3	2.2	2.3	2.3	2.2	2.2	2.2	2.2	34.0
36.0	2.2	2.2	2.2	2.3	2.3	2.1	2	2.2	2.1	36.0
38.0	1.6	2.2	2.1	1.8	2.1	2	1.7	2.2	2	38.0
40.0	1.2	2	2.1	1.4	2.1	2	1.3	1.9	1.8	40.0
42.0	0.7	1.5	2.1	0.9	1.7	1.8	0.8	1.6	1.5	42.0
44.0		1.1	1.7	0.6	1.3	1.5		1.2	1.4	44.0
46.0		0.7	1.3		0.9	1.4		0.8	1.4	46.0
48.0			0.9			1.1			1	48.0
50.0						0.7			0.6	50.0
52.0										52.0
	1	1	1	1	1	1	1	1	1	
2#	92	92	92	92	92	92	100	100	100	2#
3#	92	92	92	92	92	92	100	100	100	3#
4#	92	92	92	92	92	92	100	100	100	4#
5#	92	92	92	92	92	92	100	100	100	5#
6#	92	92	92	92	92	92	100	100	100	6#
7#	92	92	92	92	92	92	100	100	100	7#
8#	46	46	46	92	92	92	100	100	100	8#
	9	9	9	9	9	9	9	9	9	

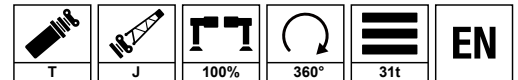
Operating Range - Telescopic Boom + Fixed Jib (TJ)

起升高度曲线 - 主臂 + 副臂



Load Chart - Telescopic Boom + Fixed Jib (TJ)

性能表 - 主臂 + 副臂



Unit: t

	63.5m + 29.5m			67.2m + 29.5m			72.0m + 29.5m			
	0	15	30	0	15	30	0	15	30	
9.0										9.0
10.0										10.0
11.0										11.0
12.0										12.0
14.0										14.0
16.0										16.0
18.0	2									18.0
20.0	1.9			2						20.0
22.0	1.8			1.9			1.8			22.0
24.0	1.8	1.8		1.8			1.7			24.0
26.0	1.8	1.8		1.8	1.6		1.7			26.0
28.0	1.7	1.8		1.7	1.5		1.6	1.5		28.0
30.0	1.5	1.8		1.5	1.5		1.6	1.5		30.0
32.0	1.5	1.7		1.5	1.4		1.6	1.5		32.0
34.0	1.5	1.5		1.5	1.4		1.5	1.4		34.0
36.0	1.5	1.5		1.4	1.4		1.4	1.4		36.0
38.0	1.4	1.5		1.4	1.4		1.3	1.4		38.0
40.0	1.3	1.4		1.4	1.3		1.2	1.3		40.0
42.0	1.1	1.4		1.1	1.3		1	1.3		42.0
44.0	0.7	1.3		0.8	1.2		0.7	1.2		44.0
46.0		1.2			1.2			1.2		46.0
48.0		0.8			0.9			0.9		48.0
50.0					0.6					50.0
52.0										52.0
	1	1		1	1		1	1		
2#	92	92	92	92	92	92	100	100	100	2#
3#	92	92	92	92	92	92	100	100	100	3#
4#	92	92	92	92	92	92	100	100	100	4#
 5#	92	92	92	92	92	92	100	100	100	5# 
6#	92	92	92	92	92	92	100	100	100	6#
7#	92	92	92	92	92	92	100	100	100	7#
8#	46	46	46	92	92	92	100	100	100	8#
	9	9		9	9		9	9		



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