

SANY[®]

SPECIFICATION



110t



60m



3557.5kN·m

STC1100T6

SANY TRUCK CRANE

V1.5

QUALITY CHANGES THE WORLD

crane.sanyglobal.com

VERSION WITH RETARDER AVAILABLE
缓速器版可售



Super load capacity

优越起重性能

60m full-extension large oval-shape section boom, 17.5 jib, optional 9.5m boom extension, leading in industry.

Max. lifting moment of basic boom 3557.5kN·m, max. lifting moment of full extension boom 2254kN·m.

Max. capacity of full-extension boom 13.5t, 7% stronger in same class. Outriggers span 8 × 6.53m, total counterweight 30.2t.

大截面卵型主臂, 全伸臂长 60m, 副臂长 17.5m, 可选 9.5m 延伸臂, 行业领先。

基本臂最大起重力矩 3557.5kN·m, 全伸臂最大起重力矩 2254kN·m。

全伸臂最大吊重 13.5t, 全伸臂高频工况领先 7% 以上。

支腿跨距 8 × 6.53m, 全配重 30.2t。



Double pump intelligent flow distribution system

双泵智能流量分配系统

Globally well-known brand oil pump motor, min. winch single rope speed is less than 1.5m/min, min. stable slewing speed is less than 0.1°/s, easy to realize mm-level high precision operation.

Double pump intelligent flow distribution system to realize independent luffing and confluence telescoping, combined motion stability increased by more than 50%.

The electronically controlled system can save 15% energy and improve the efficiency of heavy load operation by 30%.

国际知名品牌油泵马达, 卷扬单绳最低速度小于 1.5m/min, 回转最低稳定小于 0.1°/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。

电控系统使上车吊载综合节能 15%, 重载作业效率提升 30%。

SANY TRUCK CRANE STC1100T6 / 110T LIFTING CAPACITY



Strong bearing chassis

高承载能力底盘

New 2.8m wide chassis, lower positioned front outrigger in H-layout plus high-strength rectangular cross-section frame, improving torsion and bending resistance and working convenience.

DF CUMMINS 1550N·m high torque engine, 10-speed FAST gearbox with emergency steering, HANDE heavy-duty axle, the max. gradeability 45%, fuel consumption 45L per 100 km, equipped with counterweight support, able to travel slowly with 19.2t counterweight in short distance. The front axle is equipped with new large-size drum brake, which can increase the braking torque by 25%, reduce heat and make it more reliable.

G Class chassis, no front guard; ground clearance 430mm, approach / departure angle 18/13°, accessibility is excellent.

All-wheel steering mode.

Equipped with 450L large volume fuel reservoir with endurance mileage.

全新 2.8m 宽底盘, 低前置 H 型活动支腿 + 高强度矩形截面车架, 提升吊载抗扭抗弯能力和作业便利性。

东康 1550N·m 大扭矩发动机、法士特 10 档带应急转向变速箱、汉德重承载车桥, 最大爬坡度 45%, 百公里油耗 45L, 带配重支座, 可带 19.2t 配重短距离低速转场。

前桥配置全新大尺寸鼓式制动器, 制动力矩加大 25%, 发热少, 更可靠。

G 类车, 无前防护; 离地间隙 430mm, 接近 / 离去角 18/13°, 通过性优越。

全轮转向模式。

配置 450L 大容积燃油箱, 续航能力优越。



User friendly cab

人性化操纵系统

20° tiltable operator's cab perfectly arranged with new interior decor, the new comfortable seat movable in a range of 150 mm and tiltable by 140°. Large size window and skylight increases visibility to secure clear view for load operation near or far away.

The new 7-outlet air-conditioning system, switch button integrated in front panel, easy to operate.

The new membrane switch button is adopted and placed ergonomically. The operator can touch the buttons without bending forward. Mobile phone support, cup holder and rear shelf available.

Both sides of the chassis are equipped with a 300 mm widened foot ladder, and the superstructure is equipped with a maintenance staircase.

全新设计内装 20° 可仰操纵室, 设计最优安装位置, 选用全新舒适座椅, 前后移动距离 150mm, 可仰 140°, 操纵室前方视野清空, 远近距离吊载, 视野全线无遮挡。

全新立体 7 通道空调送风系统, 空调按钮前置, 操作方便, 体感舒适。

采用全新薄膜开关按键, 面板位置设计最优人机角度, 操作手无需前移操作; 设置手机支架, 水杯支架, 后置置物平台, 取用更便捷。

底盘两侧配置 300mm 加宽脚梯, 上车配置检修楼梯。



MachineLink⁺

ROOTCLOUD T-AMS Pro device comes as standard to realize GPS trajectory, machine status, maintenance management, E-fence, alarm management, and operator management on computer or mobile MachineLink+ platform, by remote control of cranes. This telematics package greatly boosts efficiency of customer fleet management and helps provide better after-sales services.

标配树根物联终端 T-AMS Pro, 通过对起重机设备的远程控制, 在电脑或移动端 MachineLink+ 平台实现轨迹回放、设备状态、维保设备、电子围栏、报警管理、操作手管理等功能, 极大提高客户设备管理效率, 提升三一售后服务能力。



SANY TRUCK CRANE
STC1100T6 / 110T LIFTING CAPACITY







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	110
WEIGHT 重量参数	Gross weight 整机总质量		t	47
POWER 发动机参数	Engine model 发动机型号 (排放标准)		-	DF Cummins ISLe375 30(Euro III) 东风康明斯 ISLe375 30 (欧 III)
	Max. engine power 发动机最大功率		kW/rpm	275/2100
	Max. engine torque 发动机最大输出扭矩		N · m/rpm	1550/1200
DIMENSIONS 尺寸参数	Overall length 整机全长		mm	14995
	Overall width 整机全宽		mm	2800
	Overall height 整机全高		mm	3950
TRAVEL 行驶参数	Max. travel speed 最高行驶速度		km/h	80
	Steering radius 转弯半径	Min.steering radius 最小转弯半径	m	10
		Min.steering radius of boom tip 臂头最小转弯半径	m	15
	Wheel formula 车轮模式		-	8 × 4
	Min.ground clearance 最小离地间隙		mm	430
	Approach angle 接近角		°	18
	Departure angle 离去角		°	13
	Max.gradeability 最大爬坡度		-	45%
	Fuel consumption per 100km 每 100 公里油耗		L	45
	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	2.5	
Tail slewing radius 转台尾部回转半径		mm	4542	
Boom sections (Qty.) 臂节数		-	6	
Boom shape 臂形状		-	Oval shape 卵圆型	
Max.lifting moment 最大起重力矩		Basic boom 基本臂	kN · m	3557.5
		Full-extension boom 全伸主臂	kN · m	2254
		Full-extension boom + jib 全伸主臂 + 副臂	kN · m	905.5
		Full-extensiononn boom + boom extension + jib 全伸主臂 + 延伸臂 + 副臂	kN · m	564.5
Boom length 臂长		Basic boom 基本臂	m	12.9
		Full-extension boom 全伸主臂	m	60
		Full-extension boom + jib 全伸主臂 + 副臂	m	77.5
		Full-extensiononn boom + boom extension + jib 全伸主臂 + 延伸臂 + 副臂		87
Max.lifting height 最大起重高度		Basic boom 基本臂	m	13.4
		Full-extension boom 全伸主臂	m	60.5
		Full-extension boom + jib 全伸主臂 + 副臂	m	77.5
		Full-extensiononn boom + boom extension + jib 全伸主臂 + 延伸臂 + 副臂	m	87
Outrigger span (Longitudinal × Transverse) 支腿跨距 (纵 × 横)		m	8 × 6.53	
Jib offset 副臂安装角度		°	0,15,30	
AIRCONDITIONER 空调	In operator's cab 上车空调		-	Cooling and heating 冷暖空调
	In driver's cab 下车空调		-	Cooling and heating 冷暖空调

Technical Specification

整机参数



Axle Load 轴荷

Unit 单位: kg

Status 状态		1	2	3	4	Gross weight 总重量
Design 设计状态	Excluding counterweight, spare wheel, aux. winch, jib. The main hook is placed in front of the driver's cab. 不带配重 / 备胎 / 副卷扬 / 副臂, 主钩前置	11500	11500	12000	12000	47000
Shipping 发运状态	Excluding counterweight, the main hook tied on the frame tail. 不带配重, 主钩后置	10900	10900	13400	13400	48600



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
● 50 (double eye 锚钩)	3	6	480
● 7.5	0	1	150
○ 55	4	8	595
○ 75	6	12	707
○ 75 (double eye 锚钩)	5	10	735
○ 90	6	12	830
○ 100 (with additional device 需额外装置)	7	14	1030

● Standard 标配 ○ Optional 选配

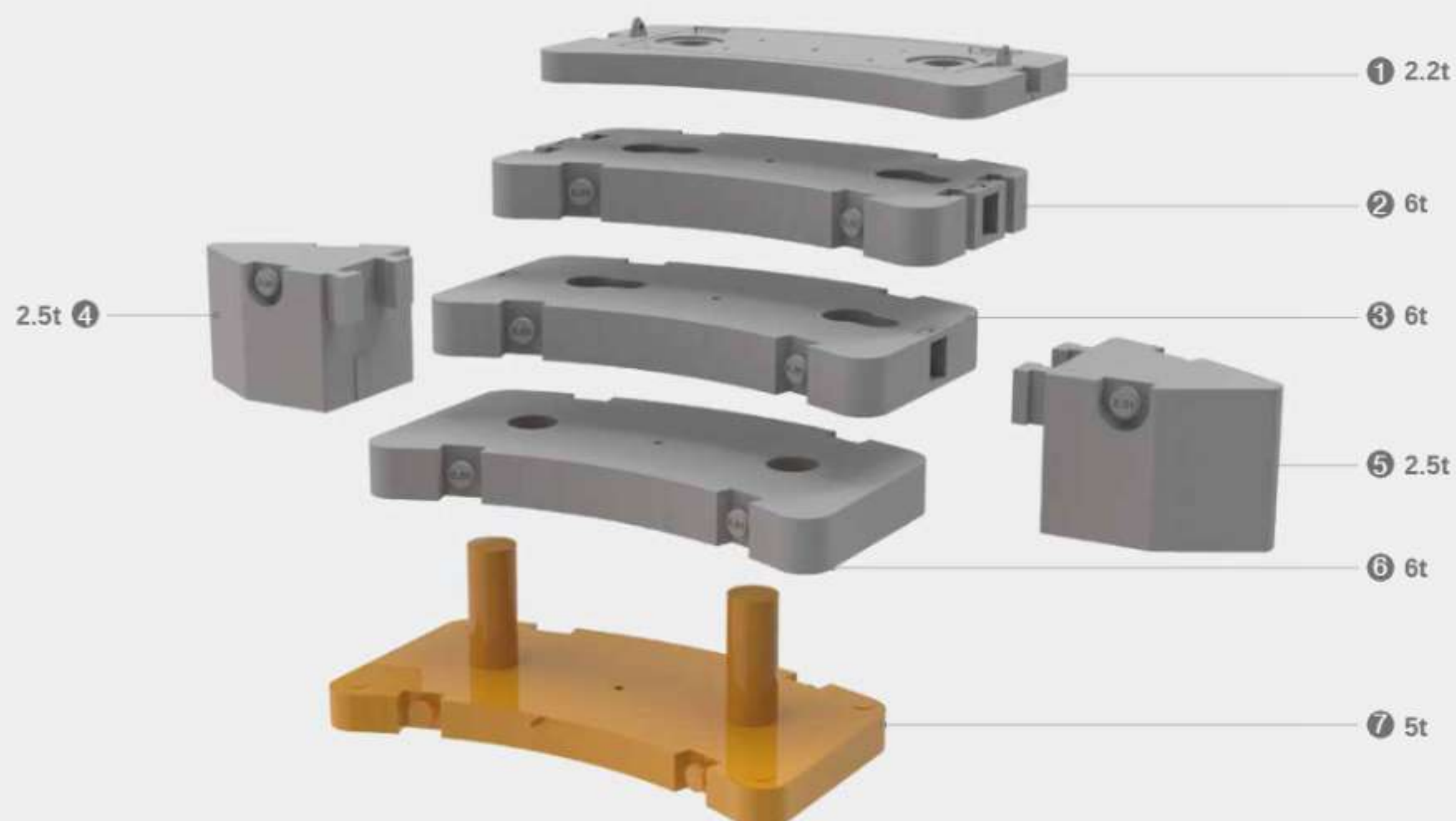


Operations 主要动作参数

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		130m/min	20mm/275m	7.5t
Auxiliary winch 副卷扬		130m/min	20mm/185m	7.5t
Slewing speed 回转速度		1.7r/min		
Full luffing up/down time of boom 主臂起落幅时间		65s/90s		
Full extension/retraction time of boom 主臂伸缩时间		480s/460s		
Outrigger jack 垂直支腿	Retraction 收	35s		
	Extension 放	35s		
Outrigger beam 水平支腿	Retraction 收	20s		
	Extension 放	25s		

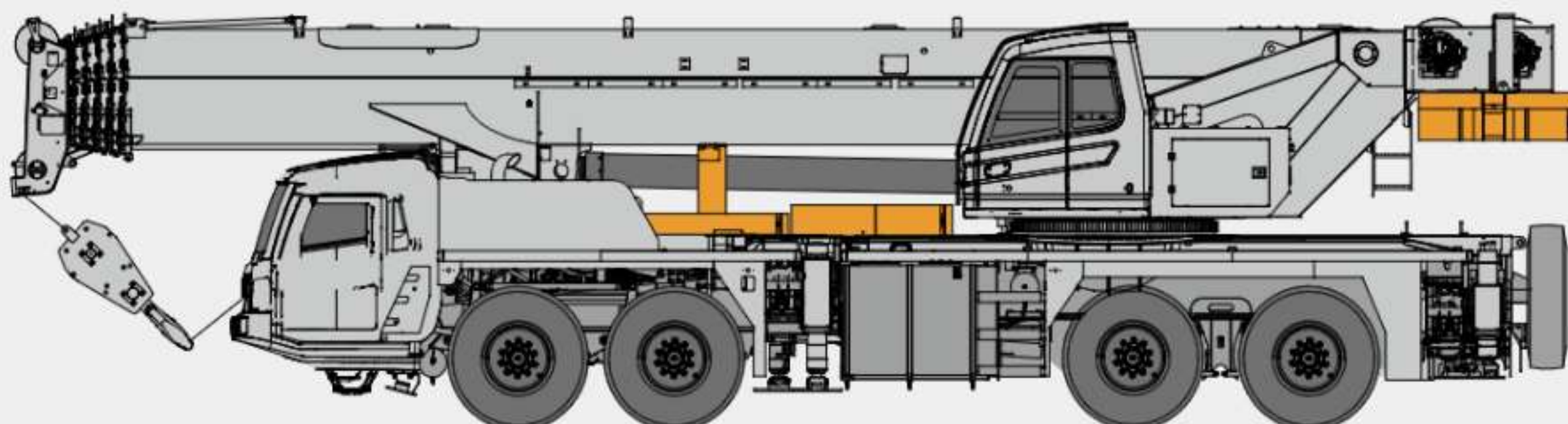
Transport Dimensions

运输尺寸



Total weight(t) 总重量	Combinations 组合
2.2	①
7.2	① + ⑦
8.2	① + ②
13.2	① + ⑥ + ⑦
19.2	① + ② + ⑥ + ⑦
25.2	① + ② + ③ + ⑥ + ⑦
30.2	① + ② + ③ + ④ + ⑤ + ⑥ + ⑦

Transport Solution 运输方案



 2.2t+6t+5t+6t=19.2t

Crane Introduction

整机介绍

Carrier 下车

Driver's cab 驾驶室

- Self-developed full width cab in ergonomic design, featuring vibration and external noise isolation.
- Equipped with pneumatic suspension seats with headrest, safety belt, adjustable steering wheel, large rear-view mirror, defroster, HVAC, stereo radio, and full set of instrument and controls, realizing safety and comfort.
- 自主开发全宽钢整体式钢结构驾驶室，采用人体工程学原理设计，减震性和封闭性优良。
- 配备气动悬置的驾驶座与副驾座、三点安全带、可调整式的转向盘、大视野后视镜、配有头枕的舒适驾驶椅、防雾扇、冷暖空调、立体收音机等，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 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转箱形结构，承载能力强。

Engine 发动机

- Model: DF Cummins inline six-cylinder diesel engine with watercooler and inter cooler.
- Emission standard: Euro III.
- Fuel reservoir capacity: 450L.
- 型式：东风康明斯，直列六缸、水冷却、增压中冷、柴油发动机。
- 排放标准：欧三。
- 燃料箱有效容积：450L。

Transmission 变速箱

- Manual transmission, 10 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 10 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 contrate gear connecting transmission shaft cardan.
- 优化的传动轴布置，传动轴传动平稳、可靠。最优化力传输，采用端面齿联结传动轴，传递扭矩大。

Axle 车桥

- All-wheel steering with built-in differential lock, realizing tougher ability to rough-terrain travelling. Two-stage reducer gear and more compact axle bags contribute to better accessibility. Press-welding axle housing technology, bearing capacity is stronger.
- 1、2、3、4 车桥为全轮转向车桥，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

- Front suspension is realized by independent leaf spring, and rear oscillation leaf spring. The leaf spring is verified by 100,000 cycling fatigue tests to ensure strength and ride comfort.
- 前轴采用独立式钢板弹簧，中后轴采用摆动支架式钢板弹簧平衡悬架系统；板簧经过超过 10 万次的疲劳试验，同时优化前后板簧的性能参数，保证强度的同时兼顾乘坐的舒适性。

Steering 转向系统

- All axles are steered mechanically with hydraulic power assisted system with large flow gearbox and hydro booster. Steering resistance decreased and operation made easier.
- 1 轴 + 2 轴 + 3 轴 + 4 轴采用液压助力机械转向，采用大流量转向器 + 转向助力油缸，大大减小转向阻力，转向更轻便。

Tires 轮胎

- Radial tires sized 385/95R25, commonly used for heavy-duty trucks.
- 子午线轮胎，385/95R25，广泛适用于重型汽车，通用性强。

Wheel formula 车轮模式

- 8 × 4 × 8.

Outrigger 支腿

- H-type layout, four point support with high strength steel plate, easy to operate, outrigger beam hydraulically telescoping, jack telescoping protected by two-way holding 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

- The braking system includes service brake & parking brake & emergency brake & assisting brake & retarder brake (version with retarder).
- Service brake: air servo, dual circuit; front axle adopts drum brake, delivering stronger braking performance.
- Parking brake: functioning at axles 3 and 4 by spring-loaded air chamber.
- Emergency brake: performed by accumulator releasing pressure.
- Assisting brake: engine exhaust brake, safety assured when driving down long slopes.
- 制动系统包括行车制动、驻车制动、应急制动和辅助制动及缓速器制动（缓速器版本）。
- 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，前桥采用鼓式制动器，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。
- 辅助制动为排气制动，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

- 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

superstructure 上车

Operator's cab 操纵室

- It adopts pressed and welded construction, 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 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 man-machine interaction. Cab 20° tiltable, designed for easy observation of load at heights. 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；操纵室可向上倾斜 20°，满足高处的作业观察需要；配备冷暖空调。

Boom & telescoping system 伸缩系统

- Single cylinder pin telescoping with electro hydraulic control, functioning automatic telescoping.
- Using multi-level pressure control, a number of telescopic balance valve cores, mechanic and hydraulic interlock of cylinder pins and boom pins, to ensure safe and reliable functioning.
- Oval six-section boom with high strength steel plate. Basic boom length 12.9m.
- 采用单缸插销技术，通过电液控制系统实现缸销、臂销的插拔动作，配置自动伸缩功能。
- 采用多级压力控制，多个伸缩平衡阀芯，缸销臂销的机械液压的双重互锁机构，保证了伸缩系统安全可靠的工作。
- 6 节臂，由高强度焊接结构钢制成，卵型。基本臂长 12.9m。

Hoist 起升系统

- Efficient and energy saving speed regulation is realized by double variables of pump and motor. Winch balance valve coupled with exclusive anti-slip tech contribute to smoother hoisting.
- Normally closed type winch brake and winch balance valve are set to prevent hook falling and stalling.
- 泵、马达双变量调速，高效节能。卷扬平衡阀与独特的防溜钩技术完美结合，重物起落平稳。
- 常闭式卷扬制动器，并设置卷扬平衡阀，可防止落钩失速。

Luffing system 变幅系统

- Passive luffing down with balance system, reducing energy cost yet raising stability. Adopting single cylinder and front hinge, it saves more effort in luffing and improves the situation of load of boom, and also uses electric proportional control balance valve. Luffing angle: -1°~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：-1°~80°。

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 luffing and telescopic system adopts an open system with four levels of pressure selection, different actions applying different pressure levels, so as to achieve energy saving and safe control of luffing and telescoping. Luffing mechanism adopts passive lowering, which is more energy saving.
- Hoist winch system adopts closed system to avoid throttling loss, delivering higher 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。
- 变幅伸缩系统采用开式系统，具有四级压力选择功能，不同动作采用不同的压力等级，从而实现节能、安全的控制变幅和伸缩动作；变幅机构采用自重落幅，更加节能。
- 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

- Integrated slewing buffer valve with free swing function. Smooth slewing start & control with excellent inching performance.
- 带集成回转缓冲阀，具有自由滑转功能，回转启动和控制平稳，微动性卓越。

Crane Introduction

整机介绍

superstructure 上车



Control system 控制系统

- Vehicle data display system: equipped with multiple sensors to give timely feedback of data information, achieving real-time monitoring of the vehicle working state.
- Man-machine interaction interface: more user-friendly interface with rich and clear information. Customers can set the vehicle controllability according to their personal operation habits and different operating conditions to fully meet the preferred needs of customers.
- 整车数据显示系统: 配置丰富的传感器件, 及时反馈数据信息, 实现实时监控, 确保随时掌控整车工作状态。
- 人机交互界面: 人机交互界面设计人性化, 信息丰富而清晰, 客户可根据个人操作习惯和不同使用条件自行设置整车操控性, 充分满足客户的个性化需求。



Counterweight 配重

- Movable counterweight features combinations: 0t, 2.2t, 7.2t, 8.2t, 13.2t, 19.2t, 25.2t, 30.2t. CW assembly and disassembly controlled by remote device.
- 组合式可变平衡重。0t、2.2t、7.2t、8.2t、13.2t、19.2t、25.2t、30.2t 共 8 种组合方式, 详见附件组合表, 可满足不同工况的需求, 最大限度发挥结构件性能, 可遥控拆卸及安装, 微动性好。



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 $\pm 3\%$ 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 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 $\pm 3\%$ 。
- 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。

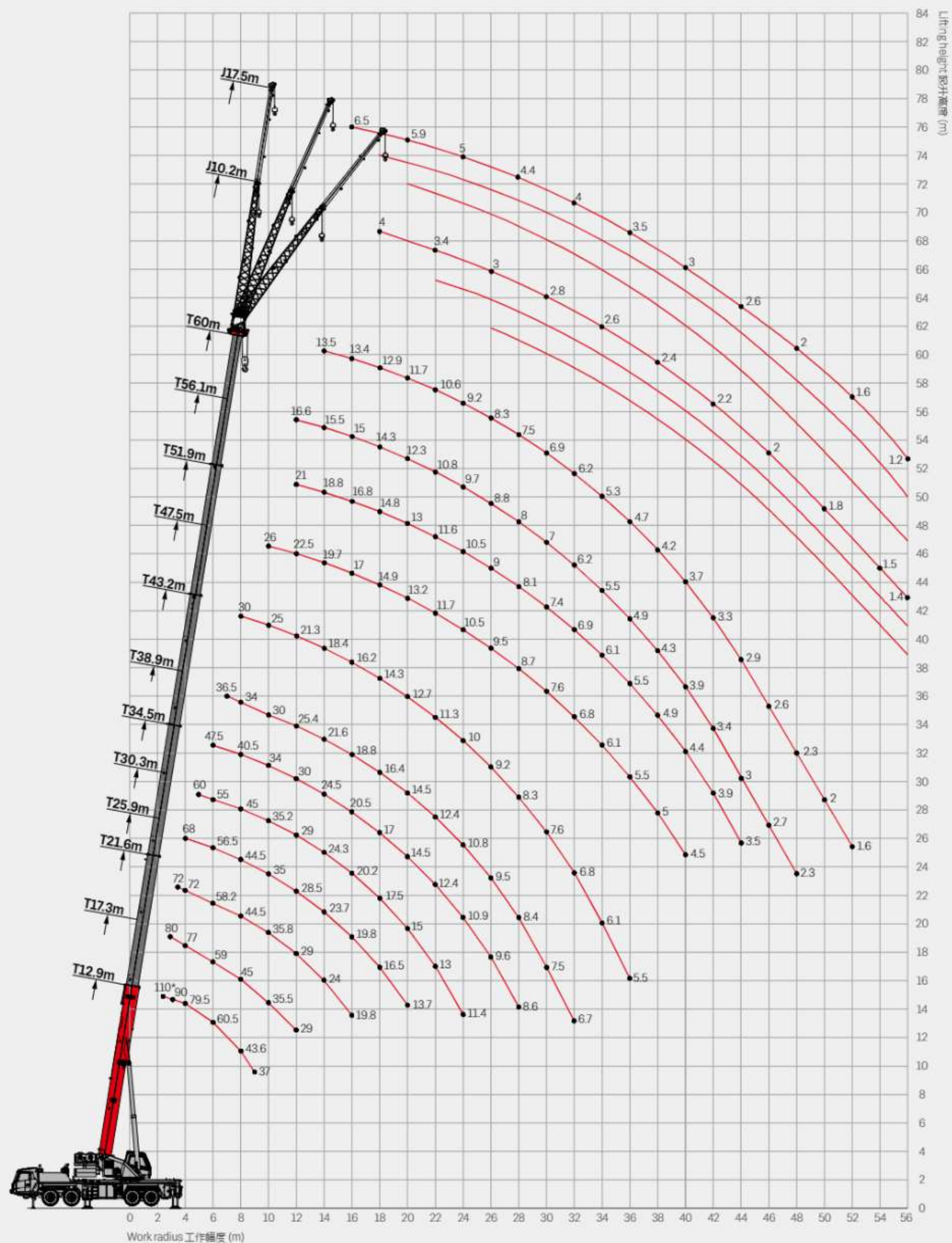


Optional equipment at extra fees 选配

- 55t & 75 & 90t & 100t hook, 75t double eye hook, 9.5m boom extension, outrigger pad.
- Customized painting.
- Other equipment available upon request.
- 55t、75t、90t、100t 吊钩, 75t 锚钩, 9.5m 延伸臂, 支腿垫板。
- 特殊涂装。
- 其他配置视需求定。

Operating Range - Telescopic Boom

起升高度曲线 - 主臂



Load Chart-Telescopic Boom

性能表 - 主臂

Unit: t



Radius (m) 幅度	12.9	17.3	21.6	25.9	30.3	34.6	38.9	43.2	47.5	51.9	56.1	60.0	Radius (m) 幅度
2.5	110.0*												2.5
3.0	90.0	80.0											3.0
3.5	86.0	80.0	72.0										3.5
4.0	79.5	77.0	72.0	68.0									4.0
4.5	74.0	71.8	69.0	65.0									4.5
5.0	69.0	67.0	65.3	64.0	60.0								5.0
5.5	64.5	62.5	61.5	60.0	57.5								5.5
6.0	60.5	59.0	58.2	56.5	55.0	47.5							6.0
6.5	55.2	54.8	54.3	53.5	52.5	46.0							6.5
7.0	50.0	51.1	50.5	50.1	50.2	44.0	36.5						7.0
7.5	46.6	47.8	47.3	47.0	47.2	42.5	34.5						7.5
8.0	43.6	45.0	44.5	44.5	45.0	40.5	34.0	30.0					8.0
9.0	37.0	40.0	40.0	39.1	40.0	37.0	33.0	27.3					9.0
10.0		35.5	35.8	35.0	35.2	34.0	30.0	25.0	26.0				10.0
12.0		29.0	29.0	28.5	29.0	30.0	25.4	21.3	22.5	21.0	16.6		12.0
14.0			24.0	23.7	24.3	24.5	21.6	18.4	19.7	18.8	15.5	13.5	14.0
16.0			19.8	19.8	20.2	20.5	18.8	16.2	17.0	16.8	15.0	13.4	16.0
18.0				16.5	17.5	17.0	16.4	14.3	14.9	14.8	14.3	12.9	18.0
20.0				13.7	15.0	14.5	14.5	12.7	13.2	13.0	12.3	11.7	20.0
22.0					13.0	12.4	12.4	11.3	11.7	11.6	10.8	10.6	22.0
24.0					11.4	10.9	10.8	10.0	10.5	10.5	9.7	9.2	24.0
26.0						9.6	9.5	9.2	9.5	9.0	8.8	8.3	26.0
28.0						8.6	8.4	8.3	8.7	8.1	8.0	7.5	28.0
30.0							7.5	7.6	7.6	7.4	7.0	6.9	30.0
32.0							6.7	6.8	6.8	6.9	6.2	6.2	32.0
34.0								6.1	6.1	6.1	5.5	5.3	34.0
36.0								5.5	5.5	5.5	4.9	4.7	36.0
38.0									5.0	4.9	4.3	4.2	38.0
40.0									4.5	4.4	3.9	3.7	40.0
42.0										3.9	3.4	3.3	42.0
44.0										3.5	3.0	2.9	44.0
46.0											2.7	2.6	46.0
48.0											2.3	2.3	48.0
50.0												2.0	50.0
52.0												1.6	52.0
54.0													54.0
56.0													56.0
Rope rate 钢丝绳倍率	12.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	3.0	3.0	3.0	Rope rate 钢丝绳倍率

* with additional device 需额外装置

Load Chart-Telescopic Boom

性能表 - 主臂

Unit: t



Radius (m) 幅度	12.9	17.3	21.6	25.9	30.3	34.6	38.9	43.2	47.6	51.9	56.1	60.0	Radius (m) 幅度
2.5	110.0*												2.5
3.0	90.0	80.0											3.0
3.5	85.5	80.0	72.0										3.5
4.0	79.5	77.0	71.0	68.0									4.0
4.5	74.0	71.5	68.0	65.0									4.5
5.0	69.0	66.5	65.2	64.0	60.0								5.0
5.5	64.0	61.5	61.5	60.0	57.5								5.5
6.0	59.5	57.5	57.0	56.5	55.0	47.5							6.0
6.5	54.5	53.3	53.3	53.5	52.5	46.0							6.5
7.0	49.5	49.6	49.8	49.8	50.2	44.0	36.5						7.0
7.5	46.0	46.5	46.3	46.6	47.2	42.5	34.0						7.5
8.0	43.0	43.7	43.5	43.5	44.2	40.5	33.5	30.0					8.0
9.0	36.5	38.3	38.5	38.2	38.8	37.0	32.6	27.1					9.0
10.0		33.8	34.0	33.8	34.5	34.0	29.7	24.9	26.0				10.0
12.0		27.5	27.5	27.2	27.8	28.5	25.0	21.0	21.5	20.0	16.6		12.0
14.0			22.5	21.8	23.0	22.5	21.3	18.1	18.8	18.0	15.5	13.5	14.0
16.0			19.0	17.6	19.2	18.2	18.0	16.0	16.2	14.9	13.8	12.5	16.0
18.0				14.5	16.0	16.1	15.0	13.8	14.3	13.1	11.5	11.3	18.0
20.0				12.6	13.6	13.8	12.8	11.7	12.3	11.5	9.7	9.5	20.0
22.0					11.6	11.9	11.0	10.5	10.5	9.9	8.3	8.0	22.0
24.0					10.1	10.4	9.6	9.5	9.2	8.6	7.2	6.9	24.0
26.0						9.2	8.4	8.4	8.1	7.5	6.3	6.0	26.0
28.0						8.1	7.4	7.4	7.3	6.6	5.5	5.3	28.0
30.0							6.6	6.6	6.5	5.9	4.9	4.6	30.0
32.0							6.0	5.9	5.8	5.2	4.3	4.1	32.0
34.0								5.3	5.2	4.7	3.8	3.6	34.0
36.0								4.8	4.7	4.2	3.3	3.2	36.0
38.0									4.2	3.8	2.9	2.8	38.0
40.0									3.8	3.4	2.6	2.5	40.0
42.0										3.0	2.3	2.2	42.0
44.0										2.7	2.0	1.9	44.0
46.0											1.8	1.7	46.0
48.0											1.6	1.5	48.0
50.0												1.3	50.0
52.0													52.0
54.0													54.0
56.0													56.0
Rope rate 钢丝绳倍率	12.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	3.0	3.0	3.0	Rope rate 钢丝绳倍率

* with additional device 需额外装置

Load Chart-Telescopic Boom

性能表 - 主臂

Unit: t



Radius (m) 幅度	12.9	17.3	21.6	25.9	30.3	34.6	38.9	43.2	47.6	51.9	56.1	60.0	Radius (m) 幅度
2.5	110.0*												2.5
3.0	90.0	80.0											3.0
3.5	85.5	80.0	72.0										3.5
4.0	79.0	77.0	71.0	68.0									4.0
4.5	73.5	71.5	68.0	65.0									4.5
5.0	68.5	66.5	65.2	64.0	60.0								5.0
5.5	62.5	61.5	61.5	60.0	57.5								5.5
6.0	57.0	57.0	56.8	56.5	55.0	47.5							6.0
6.5	52.0	52.5	52.8	52.3	52.5	46.0							6.5
7.0	48.0	48.5	48.5	48.0	48.5	44.0	36.5						7.0
7.5	44.3	45.0	45.0	44.5	45.0	42.5	34.0						7.5
8.0	41.2	42.0	41.8	41.5	42.0	40.5	33.5	30.0					8.0
9.0	36.0	36.8	36.5	36.0	36.5	37.0	32.6	27.1					9.0
10.0		32.5	32.5	31.8	32.8	33.0	29.7	24.9	26.0				10.0
12.0		26.0	26.5	25.5	27.5	26.0	25.0	21.0	21.5	20.0	16.6		12.0
14.0			20.6	19.2	21.0	20.0	20.1	18.1	18.8	16.4	15.5	13.5	14.0
16.0			16.5	16.6	16.6	17.0	16.1	14.8	15.7	14.7	13.2	12.0	16.0
18.0				14.0	13.7	13.9	13.2	12.6	13.0	12.2	11.0	9.9	18.0
20.0				11.9	11.5	11.6	11.3	11.1	10.9	10.2	9.2	8.4	20.0
22.0					9.8	9.9	10.1	9.4	9.4	8.6	7.7	7.2	22.0
24.0					8.3	8.6	8.7	8.1	8.0	7.4	6.5	6.2	24.0
26.0						7.5	7.6	7.2	7.0	6.4	5.6	5.4	26.0
28.0						6.6	6.7	6.5	6.1	5.6	4.8	4.8	28.0
30.0							5.9	5.7	5.3	4.8	4.2	4.1	30.0
32.0							5.3	5.0	4.7	4.2	3.6	3.6	32.0
34.0								4.5	4.1	3.7	3.1	3.1	34.0
36.0								4.0	3.6	3.2	2.7	2.7	36.0
38.0									3.2	2.8	2.3	2.3	38.0
40.0									2.8	2.5	2.0	2.0	40.0
42.0										2.2	1.7	1.7	42.0
44.0										1.8	1.4	1.4	44.0
46.0													46.0
48.0													48.0
50.0													50.0
52.0													52.0
54.0													54.0
56.0													56.0
Rope rate 钢丝绳倍率	12.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	3.0	3.0	3.0	Rope rate 钢丝绳倍率

* with additional device 需额外装置

Load Chart-Telescopic Boom

性能表 - 主臂

Unit: t



Radius (m) 幅度	12.9	17.3	21.6	25.9	30.3	34.6	38.9	43.2	47.6	51.9	56.1	60.0	Radius (m) 幅度
2.5	110.0*												2.5
3.0	90.0	80.0											3.0
3.5	85.5	80.0	72.0										3.5
4.0	79.0	77.0	71.0	68.0									4.0
4.5	73.5	71.5	68.0	65.0									4.5
5.0	66.0	66.0	65.2	64.0	60.0								5.0
5.5	59.5	60.5	60.0	59.5	57.5								5.5
6.0	54.0	55.0	54.7	54.5	55.0	47.5							6.0
6.5	49.5	50.5	50.5	49.8	50.5	46.0							6.5
7.0	45.5	46.5	46.2	45.7	46.5	44.0	36.5						7.0
7.5	42.0	43.0	43.0	42.5	43.0	42.5	34.0						7.5
8.0	39.0	40.0	40.2	39.5	40.2	40.5	33.5	30.0					8.0
9.0	34.0	35.0	35.5	34.5	36.2	35.5	32.6	27.1					9.0
10.0		30.8	31.3	29.6	31.5	29.5	29.0	24.9	26.0				10.0
12.0		22.3	23.0	22.6	22.5	22.0	20.9	19.0	19.8	18.2	16.6		12.0
14.0			17.5	18.0	17.2	17.5	16.4	15.8	15.2	14.8	14.1	13.5	14.0
16.0			14.3	14.4	13.7	13.9	13.9	12.5	12.2	11.8	11.2	11.2	16.0
18.0				11.7	11.1	11.4	11.5	10.7	10.0	9.7	9.1	9.1	18.0
20.0				9.7	9.3	9.5	9.6	9.1	8.4	8.1	7.5	7.5	20.0
22.0					7.8	8.0	8.1	7.8	7.1	6.9	6.3	6.3	22.0
24.0					6.6	6.9	7.0	6.7	6.0	5.9	5.3	5.3	24.0
26.0						5.9	6.0	5.8	5.1	5.0	4.5	4.5	26.0
28.0						5.1	5.2	5.0	4.4	4.2	3.8	3.8	28.0
30.0							4.6	4.3	3.8	3.6	3.2	3.2	30.0
32.0							4.0	3.8	3.3	3.1	2.7	2.7	32.0
34.0								3.3	2.8	2.7	2.3	2.3	34.0
36.0								2.9	2.4	2.3	1.9	1.9	36.0
38.0									2.1	1.9	1.5	1.5	38.0
40.0									1.8	1.5			40.0
42.0													42.0
44.0													44.0
46.0													46.0
48.0													48.0
50.0													50.0
52.0													52.0
54.0													54.0
56.0													56.0
Rope rate 钢丝绳倍率	12.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	3.0	3.0	3.0	Rope rate 钢丝绳倍率

* with additional device 需额外装置

Load Chart-Telescopic Boom

性能表 - 主臂

Unit: t



Radius (m) 幅度	12.9	17.3	21.6	25.9	30.3	34.6	38.9	43.2	47.6	51.9	56.1	60.0	Radius (m) 幅度
3.0	75.0	72.0											3.0
3.5	72.0	69.0	63.0										3.5
4.0	68.0	66.0	61.0	56.0									4.0
4.5	63.0	62.0	60.0	55.0									4.5
5.0	58.0	57.0	56.0	54.0	52.1								5.0
5.5	55.0	54.0	53.0	52.0	50.0								5.5
6.0	51.0	50.5	49.0	48.0	46.5	47.5							6.0
6.5	46.0	45.5	44.0	44.0	43.0	46.0							6.5
7.0	43.0	41.5	40.0	39.0	38.0	44.0	36.5						7.0
7.5	41.0	38.0	36.5	35.0	36.0	42.5	34.0						7.5
8.0	38.0	36.0	33.5	32.0	33.0	40.5	33.5	30.0					8.0
9.0	33.0	32.0	28.5	27.5	28.0	36.3	32.6	27.1					9.0
10.0		28.0	24.5	23.5	24.0	30.5	29.7	24.9	26.0				10.0
12.0		21.5	19.5	18.5	19.0	22.7	23.4	21.0	21.5	20.3	16.6		12.0
14.0			16.5	15.0	15.5	18.8	18.3	17.8	18.8	17.7	15.5	13.5	14.0
16.0			14.0	12.5	13.0	15.2	14.8	14.3	15.2	15.0	14.6	13.3	16.0
18.0				11.0	11.5	12.6	12.8	12.4	12.6	12.4	12.0	12.0	18.0
20.0				9.5	10.0	10.6	10.8	10.4	10.6	10.4	9.9	9.9	20.0
22.0					8.5	8.9	9.2	8.8	9.0	8.8	8.3	8.3	22.0
24.0					7.2	7.6	7.9	7.9	7.7	7.4	7.0	7.0	24.0
26.0						6.6	6.8	6.8	6.6	6.4	5.9	6.0	26.0
28.0						5.7	5.9	5.9	5.7	5.4	5.0	5.0	28.0
30.0							5.2	5.0	4.9	4.7	4.2	4.3	30.0
32.0							4.5	4.5	4.2	4.0	3.6	3.6	32.0
34.0								3.9	3.6	3.4	3.0	3.0	34.0
36.0								3.4	3.1	2.9	2.5	2.5	36.0
38.0									2.7	2.5	2.0	2.0	38.0
40.0									2.3	2.1	1.6	1.6	40.0
42.0										1.6	1.3	1.3	42.0
44.0										1.3			44.0
46.0													46.0
48.0													48.0
50.0													50.0
52.0													52.0
54.0													54.0
56.0													56.0
Rope rate 钢丝绳倍率	12.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	3.0	3.0	3.0	Rope rate 钢丝绳倍率

Load Chart-Telescopic Boom

性能表 - 主臂

Unit: t

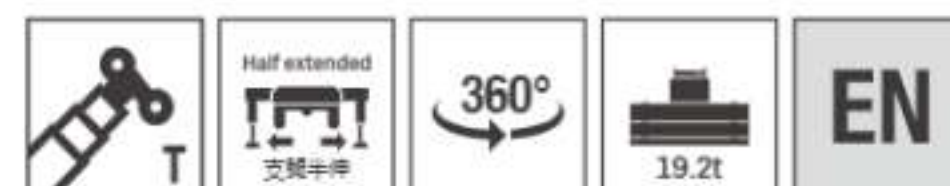


Radius (m) 幅度	12.9	17.3	21.6	25.9	30.3	34.6	38.9	43.2	47.6	51.9	56.1	60.0	Radius (m) 幅度
3.0	75.0	72.0											3.0
3.5	72.0	69.0	63.0										3.5
4.0	68.0	66.0	61.0	56.0									4.0
4.5	63.0	62.0	60.0	55.0									4.5
5.0	58.0	57.0	56.0	54.0	52.1								5.0
5.5	55.0	54.0	53.0	52.0	50.0								5.5
6.0	50.5	50.5	49.0	48.0	46.5	47.5							6.0
6.5	46.0	45.5	44.0	44.0	43.0	46.0							6.5
7.0	42.5	41.5	40.0	39.0	38.0	44.0	36.5						7.0
7.5	39.0	38.0	36.5	35.0	36.0	42.5	34.0						7.5
8.0	36.0	36.0	33.5	32.0	33.0	39.4	33.5	30.0					8.0
9.0	30.0	31.2	28.5	27.5	28.0	32.3	32.6	27.1					9.0
10.0		26.1	24.5	23.5	24.0	27.1	27.8	24.9	26.0				10.0
12.0		19.5	19.5	18.5	19.0	21.2	20.7	20.2	21.2	20.0	16.6		12.0
14.0			15.9	15.0	15.5	16.6	16.4	15.8	16.5	16.4	15.5	13.5	14.0
16.0			12.7	12.5	12.7	13.3	13.6	13.2	13.3	13.1	12.7	12.7	16.0
18.0				10.5	10.4	10.9	11.2	10.8	11.0	10.7	10.3	10.3	18.0
20.0				8.7	8.6	9.1	9.4	9.4	9.1	8.9	8.5	8.5	20.0
22.0					7.1	7.6	7.9	7.9	7.7	7.4	7.0	7.0	22.0
24.0					6.0	6.5	6.7	6.7	6.5	6.2	5.8	5.8	24.0
26.0						5.5	5.7	5.7	5.5	5.3	4.8	4.9	26.0
28.0						4.7	4.9	4.9	4.7	4.4	4.0	4.0	28.0
30.0							4.2	4.2	4.0	3.7	3.3	3.3	30.0
32.0							3.6	3.6	3.3	3.1	2.7	2.7	32.0
34.0								3.1	2.8	2.6	2.2	2.2	34.0
36.0								2.6	2.4	2.1	1.7	1.7	36.0
38.0									1.9	1.7	1.3	1.3	38.0
40.0									1.6	1.4			40.0
42.0													42.0
44.0													44.0
46.0													46.0
48.0													48.0
50.0													50.0
52.0													52.0
54.0													54.0
56.0													56.0
Rope rate 钢丝绳倍率	12	10	9	8	7	6	5	4	3	3	3	3	Rope rate 钢丝绳倍率

Load Chart-Telescopic Boom

性能表 - 主臂

Unit: t



Radius (m) 幅度	12.9	17.3	21.6	25.9	30.3	34.6	38.9	43.2	47.6	51.9	56.1	60.0	Radius (m) 幅度
3.0	75.0	72.0											3.0
3.5	72.0	69.0	63.0										3.5
4.0	68.0	66.0	61.0	56.0									4.0
4.5	63.0	62.0	60.0	55.0									4.5
5.0	58.0	57.0	56.0	54.0	52.1								5.0
5.5	52.5	53.0	53.0	52.0	50.0								5.5
6.0	47.5	48.0	48.0	48.0	46.5	47.5							6.0
6.5	43.5	44.0	44.0	44.0	43.0	46.0							6.5
7.0	40.0	40.5	40.0	39.0	38.0	42.8	36.5						7.0
7.5	35.3	36.6	36.5	35.0	36.0	37.8	34.0						7.5
8.0	31.3	32.6	33.3	31.7	33.0	33.7	33.5	30.0					8.0
9.0	25.2	26.4	27.1	27.5	28.0	27.5	28.2	27.1					9.0
10.0		22.4	22.5	23.5	23.4	24.2	23.6	23.1	24.1				10.0
12.0		16.3	17.2	17.4	17.2	17.9	18.3	17.8	17.9	17.7	16.6		12.0
14.0			13.2	13.4	13.3	13.9	14.2	13.7	13.9	13.7	13.2	13.2	14.0
16.0			10.4	10.6	10.5	11.0	11.3	11.3	11.1	10.8	10.4	10.4	16.0
18.0				8.6	8.4	8.9	9.2	9.2	9.0	8.7	8.3	8.3	18.0
20.0				7.0	6.8	7.3	7.6	7.6	7.4	7.1	6.7	6.7	20.0
22.0					5.6	6.0	6.3	6.3	6.1	5.9	5.4	5.4	22.0
24.0					4.5	5.0	5.3	5.3	5.0	4.8	4.4	4.4	24.0
26.0						4.2	4.4	4.4	4.2	4.0	3.5	3.5	26.0
28.0						3.5	3.7	3.7	3.4	3.2	2.8	2.8	28.0
30.0							3.1	3.1	2.8	2.6	2.2	2.2	30.0
32.0							2.6	2.6	2.3	2.1	1.7	1.7	32.0
34.0								2.1	1.8	1.6			34.0
36.0								1.7	1.4				36.0
38.0													38.0
40.0													40.0
42.0													42.0
44.0													44.0
46.0													46.0
48.0													48.0
50.0													50.0
52.0													52.0
54.0													54.0
56.0													56.0
Rope rate 钢丝绳倍率	12.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	3.0	3.0	3.0	Rope rate 钢丝绳倍率

Load Chart-Telescopic Boom

性能表 - 主臂

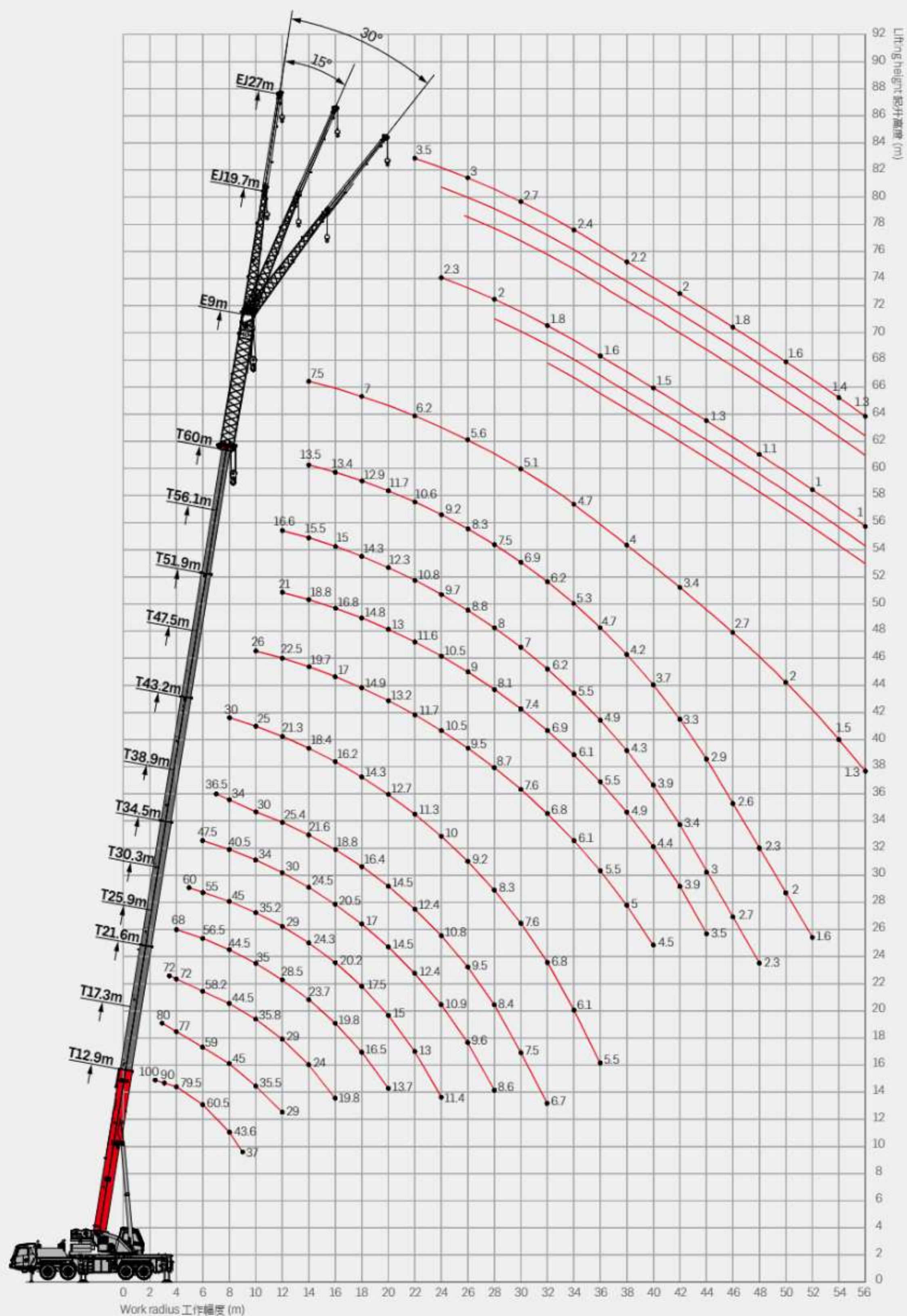
Unit: t



Radius (m) 幅度	12.9	17.3	21.6	25.9	30.3	34.6	38.9	43.2	47.6	51.9	56.1	60.0	Radius (m) 幅度
3.0	75.0	72.0											3.0
3.5	72.0	69.0	63.0										3.5
4.0	68.0	66.0	61.0	56.0									4.0
4.5	61.5	62.0	60.0	55.0									4.5
5.0	55.0	55.5	55.5	54.0	52.1								5.0
5.5	49.5	50.0	50.0	49.5	49.5								5.5
6.0	45.0	45.5	45.5	45.0	46.5	46.5							6.0
6.5	38.4	39.9	40.7	38.8	41.9	41.1							6.5
7.0	33.2	34.5	35.3	34.8	36.4	35.8	35.0						7.0
7.5	29.0	30.3	31.0	32.3	32.1	31.5	32.3						7.5
8.0	25.6	26.9	27.6	28.8	28.6	28.2	28.8	28.1					8.0
9.0	20.4	22.1	22.2	23.4	23.2	24.0	23.5	23.0					9.0
10.0		18.2	19.2	19.5	19.3	20.0	20.4	19.9	20.0				10.0
12.0		13.0	13.9	14.2	14.1	14.6	15.0	15.0	14.7	14.5	14.0		12.0
14.0			10.5	10.8	10.6	11.2	11.5	11.5	11.2	11.0	10.5	10.5	14.0
16.0			8.1	8.4	8.2	8.7	9.0	9.1	8.8	8.5	8.1	8.1	16.0
18.0				6.6	6.4	6.9	7.2	7.2	7.0	6.7	6.3	6.3	18.0
20.0				5.2	5.1	5.6	5.8	5.8	5.6	5.4	4.9	4.9	20.0
22.0					4.0	4.5	4.7	4.8	4.5	4.3	3.8	3.9	22.0
24.0					3.1	3.6	3.9	3.9	3.6	3.4	2.9	3.0	24.0
26.0						2.9	3.1	3.1	2.9	2.6	2.2	2.2	26.0
28.0						2.3	2.5	2.5	2.2	2.0	1.6	1.6	28.0
30.0							2.0	2.0	1.7	1.5			30.0
32.0							1.5	1.5	1.3				32.0
34.0													34.0
36.0													36.0
38.0													38.0
40.0													40.0
42.0													42.0
44.0													44.0
46.0													46.0
48.0													48.0
50.0													50.0
52.0													52.0
54.0													54.0
56.0													56.0
Rope rate 钢丝绳倍率	12.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	3.0	3.0	3.0	Rope rate 钢丝绳倍率

Operating Range - Fixed Jib

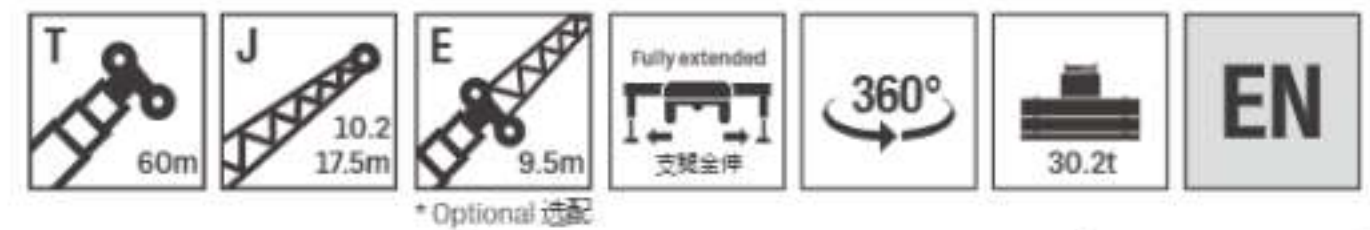
起升高度曲线 - 副臂



Load Chart - Fixed Jib

性能表 - 副臂

Unit: t

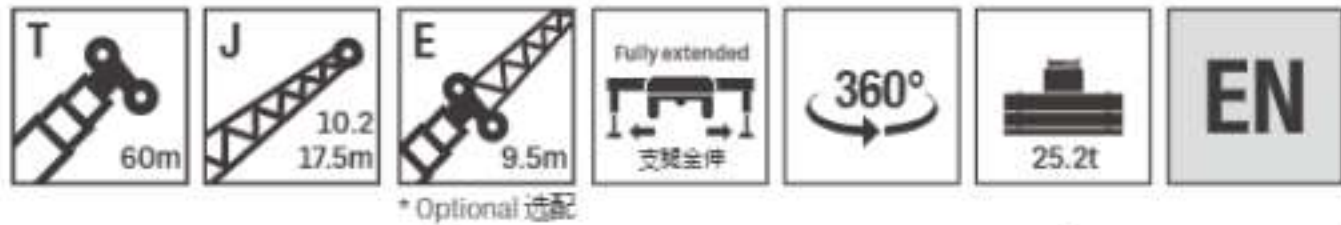


Boom angle 主臂仰角 (°)	60m+10.2m			60m+17.5m			60m+9m	60m+9.5m+10.2m			60m+9.5m+17.5m			Boom angle 主臂仰角 (°)
	0	15	30	0	15	30	0	0	15	30	0	15	30	
14							7.5							14
16	6.5						7.2							16
18	6.3	4.7		4			7							18
20	5.9	4.6	3.7	3.7			6.6							20
22	5.4	4.5	3.6	3.4	2.5		6.2	3.5						22
24	5	4.3	3.5	3.2	2.3		5.9	3.2	2.7		2.3			24
26	4.7	4.2	3.4	3	2.2	1.8	5.6	3	2.6	2.2	2.1			26
28	4.4	4.1	3.3	2.9	2.1	1.7	5.3	2.9	2.5	2.1	2	1.5		28
30	4.2	3.9	3.2	2.8	2	1.7	5.1	2.7	2.4	2	1.8	1.5		30
32	4	3.8	3.1	2.7	2	1.6	4.9	2.5	2.3	1.9	1.8	1.4	1.3	32
34	3.8	3.6	3	2.6	1.9	1.6	4.7	2.4	2.1	1.9	1.6	1.3	1.3	34
36	3.5	3.3	2.9	2.5	1.8	1.5	4.3	2.3	2	1.8	1.6	1.2	1.1	36
38	3.2	3	2.8	2.4	1.8	1.5	4	2.2	2	1.7	1.5	1.2	1.1	38
40	3	2.8	2.6	2.3	1.7	1.5	3.7	2.1	1.9	1.6	1.5	1.2	1.1	40
42	2.8	2.6	2.4	2.2	1.7	1.4	3.4	2	1.9	1.6	1.4	1.1	1.1	42
44	2.6	2.4	2.2	2.1	1.7	1.4	3.1	1.9	1.8	1.5	1.3	1.1	1	44
46	2.3	2.2	2.1	2	1.6	1.4	2.7	1.8	1.7	1.5	1.2	1.1	1	46
48	2	2	2	1.9	1.6	1.3	2.4	1.7	1.6	1.4	1.1	1.1	1	48
50	1.8	1.8	1.8	1.8	1.6	1.3	2	1.6	1.5	1.4	1.1	1	0.9	50
52	1.6	1.6	1.6	1.7	1.5	1.3	1.8	1.5	1.4	1.3	1	1	0.9	52
54	1.4	1.4	1.4	1.5	1.4	1.2	1.5	1.4	1.3	1.2	1	1	0.9	54
56	1.2	1.2	1.2	1.4	1.3	1.1	1.3	1.3	1.2	1.1	1	1	0.8	56
Rope rate 钢丝绳倍率	1													Rope rate 钢丝绳倍率

Load Chart - Fixed Jib

性能表 - 副臂

Unit: t

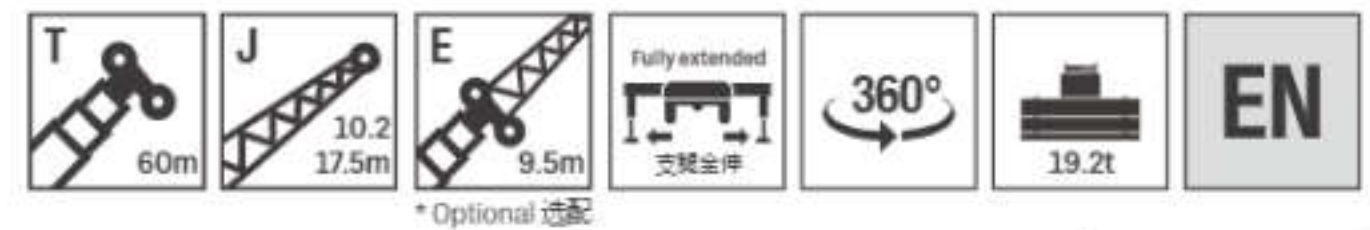


Boom angle 主臂仰角 (°)	60m+10.2m			60m+17.5m			60m+9m	60m+9.5m+10.2m			60m+9.5m+17.5m			Boom angle 主臂仰角 (°)
	0	15	30	0	15	30	0	0	15	30	0	15	30	
14							7.5							14
16	6.5						7.2							16
18	6.3	4.7		4			7							18
20	5.9	4.6	3.7	3.7			6.6							20
22	5.4	4.5	3.6	3.4	2.5		6.2	3.5						22
24	5	4.3	3.5	3.2	2.3		5.9	3.2	2.7		2.3			24
26	4.7	4.2	3.4	3	2.2	1.8	5.6	3	2.6	2.2	2.1			26
28	4.4	4.1	3.3	2.9	2.1	1.7	5.3	2.9	2.5	2.1	2	1.5		28
30	4.2	3.9	3.2	2.8	2	1.7	5.1	2.7	2.4	2	1.8	1.5		30
32	4	3.8	3.1	2.7	2	1.6	4.8	2.5	2.3	1.9	1.8	1.4	1.3	32
34	3.7	3.6	3	2.6	1.9	1.6	4.6	2.4	2.1	1.9	1.6	1.3	1.3	34
36	3.3	3.3	2.9	2.5	1.8	1.5	4.1	2.3	2	1.8	1.6	1.2	1.1	36
38	2.9	2.9	2.8	2.4	1.8	1.5	3.6	2.2	2	1.7	1.5	1.2	1.1	38
40	2.6	2.6	2.6	2.3	1.7	1.5	3.1	2.1	1.9	1.6	1.5	1.2	1.1	40
42	2.3	2.3	2.3	2.2	1.7	1.4	2.7	2	1.9	1.6	1.4	1.1	1.1	42
44	2	2	2	2.1	1.7	1.4	2.3	1.9	1.8	1.5	1.3	1.1	1	44
46	1.8	1.8	1.8	2	1.6	1.4	2	1.8	1.7	1.5	1.2	1.1	1	46
48	1.5	1.5	1.6	1.8	1.6	1.3	1.7	1.6	1.5	1.4	1.1	1.1	1	48
50	1.3	1.3	1.3	1.6	1.5	1.3	1.4	1.4	1.4	1.3	1.1	1	0.9	50
52	1.1	1.1	1.1	1.4	1.4	1.3	1.2	1.2	1.2	1.2	1	1	0.9	52
54	0.9	0.9	0.9	1.2	1.2	1.2	0.9	1	1	1	1	1	0.9	54
56	0.8	0.8	0.8	1.1	1	1	0.7	0.8	0.8	0.8	1	1	0.8	56
Rope rate 钢丝绳倍率	1													Rope rate 钢丝绳倍率

Load Chart - Fixed Jib

性能表 - 副臂

Unit: t



Boom angle 主臂仰角 (°)	60m+10.2m			60m+17.5m			60m+9m	60m+9.5m+10.2m			60m+9.5m+17.5m			Boom angle 主臂仰角 (°)
	0	15	30	0	15	30	0	0	15	30	0	15	30	
14							7.5							14
16	6.5						7.2							16
18	6.3	4.7		4			7							18
20	5.9	4.6	3.7	3.7			6.6							20
22	5.4	4.5	3.6	3.4	2.5		6.2	3.5						22
24	5	4.3	3.5	3.2	2.3		5.9	3.2	2.7		2.3			24
26	4.7	4.2	3.4	3	2.2	1.8	5.6	3	2.6	2.2	2.1			26
28	4.3	4.1	3.3	2.9	2.1	1.7	5.4	2.9	2.5	2.1	2	1.5		28
30	3.8	3.8	3.2	2.8	2	1.7	4.7	2.7	2.4	2	1.8	1.5		30
32	3.4	3.4	3.1	2.7	2	1.6	4	2.5	2.3	1.9	1.8	1.4	1.3	32
34	3	3	3	2.6	1.9	1.6	3.4	2.4	2.1	1.9	1.6	1.3	1.3	34
36	2.6	2.6	2.6	2.5	1.8	1.5	2.9	2.3	2	1.8	1.6	1.2	1.1	36
38	2.2	2.2	2.3	2.4	1.8	1.5	2.5	2.2	2	1.7	1.5	1.2	1.1	38
40	1.8	1.9	1.9	2.1	1.7	1.5	2.1	1.9	1.8	1.6	1.5	1.2	1.1	40
42	1.6	1.6	1.6	1.9	1.7	1.4	1.8	1.6	1.6	1.6	1.4	1.1	1.1	42
44	1.3	1.3	1.4	1.6	1.6	1.4	1.5	1.4	1.4	1.4	1.3	1.1	1	44
46	1.1	1.1	1.1	1.4	1.5	1.4	1.2	1.2	1.2	1.2	1.2	1.1	1	46
48	0.9	0.9	0.9	1.2	1.3	1.3	1	1	1	1	1.1	1.1	1	48
50	0.7	0.7	0.7	1	1.1	1.2	0.7	0.8	0.8	0.8	1	1	0.9	50
52				0.9	1	1					0.9	0.9	0.9	52
54				0.7	0.8	0.8					0.7	0.8	0.8	54
56						0.7							0.7	56
Rope rate 钢丝绳倍率	1													Rope rate 钢丝绳倍率

Load Chart - Fixed Jib

性能表 - 副臂

Unit: t



Boom angle 主臂仰角 (°)	60m+10.2m			60m+17.5m			60m+9m	60m+9.5m+10.2m			60m+9.5m+17.5m			Boom angle 主臂仰角 (°)
	0	15	30	0	15	30	0	0	15	30	0	15	30	
14							7.5							14
16	6.5						7.2							16
18	6.3	4.7		4			7							18
20	5.9	4.6	3.7	3.7			6.6							20
22	5.2	4.5	3.6	3.4	2.5		6.2	3.5						22
24	4.7	4.3	3.5	3.2	2.3		5.7	3.2	2.7		2.3			24
26	4	4	3.4	3	2.2	1.8	4.8	3	2.6	2.2	2.1			26
28	3.4	3.5	3.2	2.9	2.1	1.7	4	2.9	2.5	2.1	2	1.5		28
30	2.9	3	2.9	2.8	2	1.7	3.4	2.7	2.4	2	1.8	1.5		30
32	2.4	2.5	2.5	2.6	2	1.6	2.8	2.4	2.3	1.9	1.8	1.4	1.3	32
34	2	2.1	2.2	2.3	1.9	1.6	2.3	2	2	1.9	1.6	1.3	1.3	34
36	1.7	1.7	1.8	2	1.8	1.5	1.9	1.7	1.7	1.7	1.6	1.2	1.1	36
38	1.4	1.4	1.4	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.2	1.1	38
40	1.1	1.2	1.2	1.4	1.6	1.5	1.2	1.2	1.2	1.2	1.4	1.2	1.1	40
42	0.9	1	1	1.2	1.3	1.3	1	1	1	1	1.2	1.1	1.1	42
44	0.7	0.7	0.8	1	1.1	1.2	0.7	0.8	0.8	0.8	1	1.1	1	44
46				0.8	0.9	1					0.8	0.9	1	46
48				0.7	0.8	0.8					0.7	0.7	0.8	48
50						0.7								50
Rope rate 钢丝绳倍率	1													Rope rate 钢丝绳倍率

Remark:

1. Value listed are the max. capacity when the crane is in a level condition on solid ground or surface.

2. Radius refers to actual radius with boom deflection considered.

3. The rated load values determined by stability in the load chart are determined in accordance with ISO4305.

4. Value above are calculated with hooks and lifting slings considered (595kg main hook block, 150kg aux. hook block).

5. When the fifth outrigger is landed in position, value listed are applicable for 360 degree operation.

6. Rated lifting performance on boom point sheave equals 5000kg; boom load capacity shall be 2300kg less than value given when jib unfolds.

7. Load value is given according to the larger radius or boom length value when the actual radius or boom length falls between two numbers above.

备注:

1、起重性能表中给定数值是在平整坚固的地面上，整机调平状态下起重机的额定起重量。

2、起重性能表中工作幅度是指吊载后的实际幅度。

3、起重性能表中的稳定性决定的额定载荷数值的确定遵循 ISO4305。

4、起重性能表中额定起重量包括起重钩（主起重钩重 595kg，副起重钩重 150kg）和吊具的重量。

5、打开好第五支腿时，表中数值适用于全方位（360°）作业。

6、使用臂尖滑轮时额定起重量不超过 5000kg。若副起重臂处于展开状态，主臂起吊的额定起重量应减少 2300kg。

7、如果实际臂长和幅度介于两个数值之间时，取较长的臂长及较大的幅度所决定的额定起重量进行起吊作业。



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Reminder:

Any change in the technical parameters and configuration due to product modification or upgrade may occur without prior notice.
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