SANY®

SPECIFICATION

300t

81m

116m

SAC3000T8-8

SANY ALL TERRAIN CRANE

QUALITY CHANGES THE WORLD

crane.sanyglobal.com

V1.1

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

SANY CRANE

SAC3000T8-8

SANY ALL TERRAIN CRANE
300T LIFTING CAPACITY

8-section 81m oval shaped boom and fixed jib 22m are standard, and the jib can be added up to 36m optionally, easily handling the installation of 100m power transmission towers and air conditioners on high-rise buildings.
Y type superlift device is available, enhancing lifting performance at middle and long boom significantly.
The use of stable tensioning technology makes setup more efficient and operation safer.
Dual engines come from DF Cummins (superstructure) and Mercedes Benz (chassis) of high quality and compliance with emission standard.
HanDe axles supporting variable modes of transferring between jobsites: ① traveling at low speed with 67.5t CW onboard, ② traveling at maximum 40km/h with superlift, ③ traveling at maximum 40km/h with 10t bottom CW and four outrigger pads.
All new driver's cab and operator's cab, operator comfort and convenience greatly improved.

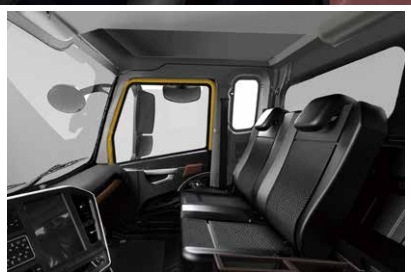
8节椭圆形主臂全伸81m，标配副臂22m，可选至36m。轻松完成百米线塔装配、高层建筑的空调等吊装。
Y型超起，中长臂段性能大幅增加。定长张紧技术应用，效率更高，作业更加安全。
上车东康发动机，下车奔驰发动机，可靠性高。
汉德车桥，支持多种重载转场模式：①可带67.5吨主配重，低速转场；②带超起行驶，时速40km/h； ③可自带10吨底配重+四块垫板行驶 40km/h。
全新驾驶室、操纵室，舒适性及便捷性大幅提升。

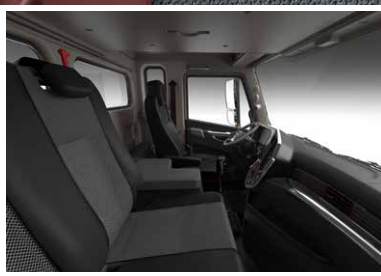

SAC3000T8-8
SANY

i-Cab -Driver's cab
新两室 – 驾驶室

Multi-function seat with air suspension, making driving more comfortable.
Double seats and foldable berth for the co-driver.
12.1-inch automotive grade dash 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.
Full-automatic HVAC, able to automatically adjust indoor temperature as demanded.

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 英寸车规级中控屏，集成倒车影像、影音娱乐功能。
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，夜间视野清晰。
全自动冷暖空调，自动根据需求调整室内温度。



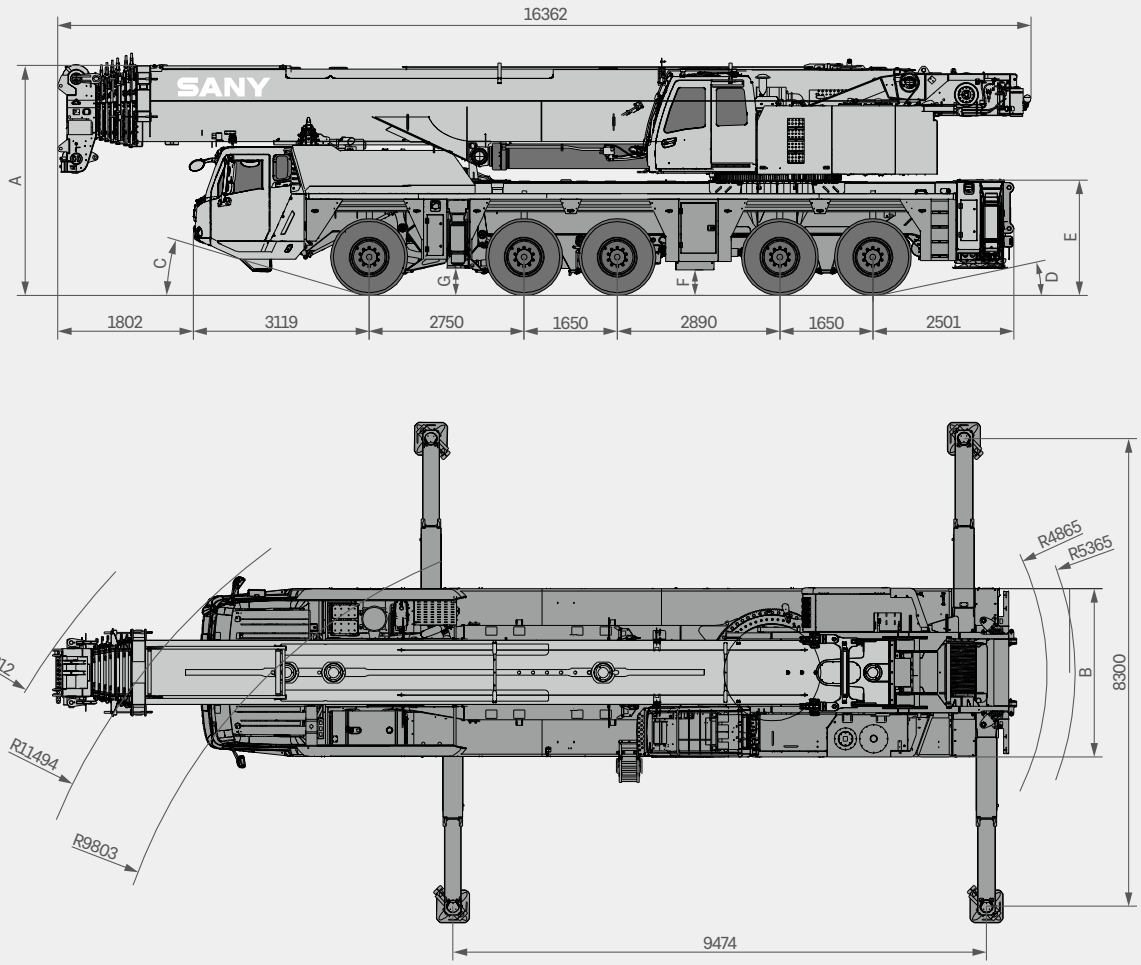


i-Cab - Operator's cab
新两室 – 操纵室

Seat widened by 480mm, and leg room increased by 30%.
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.
Electric seat linked with armrest, enabling multi-dimensional adjustment for enhanced comfort.
Electronic control joysticks, making operation easier.
Ergonomically positioned control panels, easy to reach and operate.
70° openable front window convenient for ventilation and escape, in compliance with CE standards.
Curved-track sliding door, more convenient for getting on/off the cab and opening/closing the door.
Full-automatic HVAC, automatically adjusting indoor temperature as demanded.
Double 10.1-inch display screens.

座椅加宽至 480mm，腿部活动空间较上一代增加 30%。
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。
可调式座椅，最大后仰 140°，操作手可平躺休息。
电动座椅 + 扶手箱联动，多维度调节，更加舒适。
电控操纵手柄，操作毫不费力。
配备功能面板及左右扶手箱动作按键面板，触手可及，方便操控。
70° 可开启式前窗，方便通风及逃生、操作室满足 CE 要求。
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。
10.1 寸双屏显示。

Overall Dimensions
整机尺寸



Tire size 轮胎尺寸	A	B	C	D	E	F
Unit 单位	mm	mm	°	°	mm	mm
385	4000	3000	17	12	2050	500
445	4000	3000	19.9	13.2	2100	550

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	300
WEIGHT 重量参数	Gross weight 整机总质量		kg	73650
POWER (CHASSIS) 发动机参数（下车）	Engine model 发动机型号		-	OM460LA.E3A/1 (EU Stage IIIA)
	Max. engine power 发动机最大功率		kW/rpm	360/1800
	Max. engine torque 发动机最大输出扭矩		N·m/rpm	2200/(1200~1400)
POWER (SUPERSTRUCTURE) 发动机参数（上车）	Engine model 发动机型号		-	DF Cummins QSB6.7-C260 (EU Stage IIIA)
	Max. engine power 发动机最大功率		kW/rpm	194/2200
	Max. engine torque 发动机最大输出扭矩		N·m/rpm	990/1500
DIMENSIONS 尺寸参数	Overall length 整机全长		mm	16362
	Overall width 整机全宽		mm	3000
	Overall height 整机全高		mm	4000
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	12
	Wheel formula 车轮模式		-	10×8×10
	Max.gradeability 最大爬坡度		-	58%
	Fuel consumption per 100km 每 100 公里油耗		L	≤70
MAIN PERFORMANCE 主要性能参数	Working temperature range 使用温度区间		℃	-20~+40
	Min.rated lifting radius 最小额定幅度		m	3
	Tail slewing radius 转台尾部回转半径		m	5.36
	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	8080
		Full-extension boom 全伸主臂	kN·m	3360
		Full-extension boom + jib (with superlift) 全伸主臂 + 副臂 + 超起	kN·m	1800
	Boom length 臂长	Basic boom 基本臂	m	13.8
		Full-extension boom 全伸主臂	m	81
		Max. combination of boom + jib (with superlift) 最长主臂 + 副臂（带超起）	m	117
	Max.lifting height 最大起重高度	Basic boom 基本臂	m	13.8
		Full-extension boom 全伸主臂	m	81
		Max. combination of boom + jib (with superlift) 最长主臂 + 副臂（带超起）	m	116
	Outrigger span (Longitudinal × Transverse) 支腿跨距（纵 × 横）		m	9.47 × 8.3
	Jib offset 副臂安装角度		°	0, 20, 40
AIR CONDITIONER 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	5	Gross weight 总重量
Axle load 轴荷 /t	≤16	≤16	≤16	≤13	≤13	74

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
160	○	9	19	2065
80	●	3	7	695
32	○	1	3	479
12.5	●	-	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		125m/min	22mm/410m	10.5t
Slewing speed 回转速度		1.5r/min		
Full luffing up/down time of boom 主臂起落幅时间		65s/115s		
Full extension/retraction time of boom 主臂伸缩时间		850s/850s		
Outrigger jack 垂直支腿	Extension 伸	30s		
	Retraction 缩	35s		
Outrigger beam 水平支腿	Extension 伸	30s		
	Retraction 缩	25s		

Crane Introduction
整机介绍

Driver's cab 驾驶室

- All new 312# cab independently developed by Sany. It is of new steel structure, enabling high damping and sealing performance. It is configured with outward opening doors on both sides, air-suspension driver seat and passenger’s seat, adjustable steering wheel, wide-angle rearview mirror, comfortable driver seat headrest, antifogging fan, HVAC, stereo radio, and a complete set of controls and instruments, creating a more comfortable, safe and user-friendly driving environment.
- 三一 312 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座与副驾座、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, it is anti-torsion box structure welded by fine-grained high-strength steel plates with strong bearing capacity.
- 三一设计、制造，由细晶粒高强钢板焊接而成的防扭转箱形结构，承载能力强。

Engine 发动机

- Model: Benz OM460LA.E3A/1 inline six-cylinder, water cooled, supercharged and inter cooled, diesel engine.
- Output power: 360kW/1800rpm.
- Max. torque: 2200N·m/(1200~1400)rpm.
- Fuel reservoir capacity: 550L.
- 型式：奔驰 OM460LA.E3A/1 直列 6 缸、水冷却、增压中冷、柴油发动机。
- 额定功率：360kW/1800rpm。
- 最大扭矩：2200N·m/(1200~1400)rpm。
- 燃料箱容量：550L。

Transmission 变速箱

- ZF AMT with 12 speeds forward and 2 speeds reverse.
- 采埃孚手自一体变速箱，12 个前进挡，2 个倒挡。

Axle 车桥

- HanDe axles are adopted, with all axles steered, and axles 1, 2, 4 and 5 driven. Axles 1 and 2 are equipped with linkage-feedback hydraulic power steering system, and axles 3, 4 and 5 are equipped with electro-hydraulic steering system, providing steering control assist and several
- special steering modes for option, and ensuring nimble steering and flexible control.
- 汉德车桥，全桥转向，1、2、4、5 桥驱动。1、2 桥采用杆系反馈的液压助力转向系统，3、4、5 桥采用电液控制转向，可进行速度控制的辅助及可选择的特殊转向模式，转向轻便，操控灵活。

Suspension system 悬挂

- All axles adopt height-adjustable hydro-pneumatic suspension with hydraulic lockout. The suspension stroke is 145mm, and has such modes including suspension, rigid locking, automatic leveling, whole vehicle lifting/lowering to adapt to various harsh working conditions and road surfaces, ensuring good NVH and lateral stability, and making the driving more comfortable.
- 全部车桥悬架装置均为高度可调带液压闭锁的油气悬架装置。悬挂高度可上下 145mm 调节，具有悬挂、刚性锁定、自动调平、整车升降等模式，能适用各种恶劣工况和路面，保证车辆行驶的平顺性和侧稳定性，驾驶舒适。

Steering 转向系统

- Servo power steering gear, dual-circuit hydraulic power steering system with emergency steering pump.
- 6 steering modes: 1) on-road steer (default); 2) all-wheel steer; 3) crab; 4) reduced swing-out steer; 5) independent rear axle steer; 6) rear axle locked steer.
- 伺服动力转向器，双回路系统液压转向装置，带有应急转向泵。
- 转向模式共6种：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。

Tires 轮胎

- Techking, 385 / 445 both available for options.
- 泰凯英，385/445 轮胎均可选。

Wheel formula 车轮模式

- 10×8×10.

Outrigger 支腿

- H-shaped outriggers with a longitudinal and transverse span of 9.47m × 8.3m and automatic leveling function are equipped, and they are extended and retracted hydraulically at both directions.
- H 形支腿，纵、横跨距 9.47m × 8.3m，全液压水平垂直支腿油缸伸缩。具备自动水平调节功能。

Brake 制动系统

- Parking brake: The parking brake acts on axles 2~5 by the accumulator.
- Service brake: All wheels employ air servo brakes, forming a dual-circuit braking system. Disc brake is applied for all wheels.
- 驻车制动：由蓄压器驱动作用在第二至第五桥上；
- 行车制动：所有轮子均用空气伺服制动器，双回路制动系统，所有车轮均装有盘式制动器。

Electrical system 电气系统

- Advanced data bus system, 24V DC power supply, and 2 battery packs with a single capacity of 180Ah are provided, allowing for power cutoff of chassis.
- The chassis adopts CAN bus system, multi-functional centralized display system with low power consumption, and LCD screen with contrast adjustable.
- 先进数据总线系统，24V 直流电源，2 组蓄电池组，每组 180AH，可实现下车电源切断；
- 底盘采用 CAN 总线系统，多功能的集中显示系统，功率消耗小；采用 LCD 液晶显示，对比度可调整。

Crane Introduction
整机介绍

Operator's cab 操纵室

- All new 312# cab developed by Sany, 0°~20° tiltable, it adopts the corrosion-resistant steel plate, and is equipped with full coverage softening interior trim, panoramic skylight, adjustable seat and other user-friendly designs, making operation more comfortable and easier. The LMI display is configured to realize the coordination of the console and the operation display system, so that all working condition data can be clear at a glance.
- 三一 312 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。配置主、辅显示屏，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。

Engine 发动机

- Model: DF Cummins QSB6.7-C260 inline six-cylinder, water cooled, supercharged and inter cooled, diesel engine.
- Output power: 194kW/2200rpm. Max. torque: 990N·m/1500rpm.
- Fuel reservoir capacity: 400L.
- 东康QSB6.7-C260，直列6缸、水冷却、增压中冷、柴油发动机。
- 额定功率194kW/2200rpm，最大扭矩990N·m/1500rpm。上车燃油箱容积400L。

Boom & telescoping system 伸缩系统

- Boom: 8-section boom of oval cross section made of fine-grained high strength steel plate, with a full- extension length of 81m.
- Jib: 22m fixed jib is offered as standard, offsetable at 0°/20°/40°. Optional jib is up to 36m in total.
- Telescopic mechanism: The inter-independent hydraulic telescopic mechanism allows for a full extension/retraction time down to 850s, more efficient, safe and reliable.
- 主臂：8 节臂，主臂全伸长 81m，由 1100MPa 细晶粒高强钢制成，椭圆形截面。
- 副臂：标配 22m，可选至 36m。0°/20°/40° 机械变幅。
- 伸缩机构：独立液压驱动伸缩，全伸及全缩时间 850 秒，高效安全可靠。

Hoist 起升系统

- The main winch adopts an electro proportional variable piston motor, providing good hoisting inching mobility and stability.
- 主卷扬采用电比例变量柱塞马达，卷扬微动性、平稳性好。

Luffing system 变幅系统

- The passive luffing down system is more energy saving. The single cylinder + front hinged support arrangement makes the luffing more laborsaving and improves the stressing condition of the boom; an electro proportionally controlled balance valve is adopted.
- 自重落幅，更加节能。采用单油缸，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。

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，由细晶粒高强钢制成。

Control system 控制系统

- The crane is electronically controlled through the LMI system (PLC control); two multi-directional joysticks can return to the neutral position automatically; the movement of the crane is adjusted by regulating the hydraulic pump, and the speed is adjusted by regulating the speed of the engine.
- 通过力矩限制器系统对起重机车进行电控（PLC控制）；两个多方向手柄，可自动复位；通过调节液压泵来调节吊车的运动。通过调节发动机的速度来调节速度。

Slewing 回转系统

- The slewing system is applied with quality piston pump, and supports 360° rotation at a speed of 0~1.5r/min; the electro proportional closed type hydraulic circuit and electro proportional pedals are applied. Emergency braking available.
- 高品质柱塞主油泵，360° 回转，回转速度 0~1.5r/min；采用电比例闭式液压回路，电比例踏板，可实现紧急制动。

Hydraulics 液压系统

- Key hydraulic components including main pump, slewing pump, main valve, winch motor and balance valve are of high quality, ensuring the stability and reliability of the hydraulic system; the accurate parameter matching further improves the operation performance.
- Electro proportional variable displacement piston pump is applied, and the pump displacement is adjusted in real-time by changing the opening of electric control joy, realizing high-precision flow control and reducing the energy consumption.
- Innovative dual-pump shunt/confluence main valve enables higher speed in case of single motion and better maneuverability in case of combined motions.
- Passive compensated luffing down is adopted, ensuring better inching movement and stability.
- Single-cylinder pin telescoping system is applied for the boom.
- The slewing system is of closed type, and the flow rate and the flowing direction are changed by adjusting the variable pump swash plate, providing better inching mobility and stability.
- 采用高品质的主油泵、回转泵、主阀、卷扬马达、平衡阀等关键液压元件，保证液压系统稳定、可靠；通过精确的参数匹配，使操作性能更加优越；采用电比例变量柱塞泵，通过电控手柄开度的变化，实时调节油泵排量，实现高精度流量控制，作业时无能量损耗；采用自主研发的双泵合 / 分流主阀，单动作双泵合流效率更高，组合动作双泵分流操控性更好。
- 采用自重落幅补偿液压系统，落幅微动性、平稳性更优越。
- 主臂伸缩采用单缸插销伸缩系统。
- 回转为闭式系统，通过调节变量泵斜盘的角度来改变流量及方向，微动性优越、回转平稳。

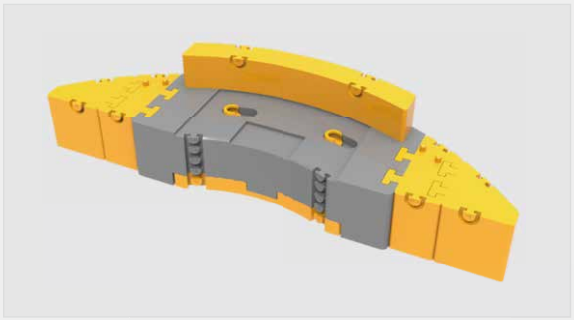
Counterweight 配重

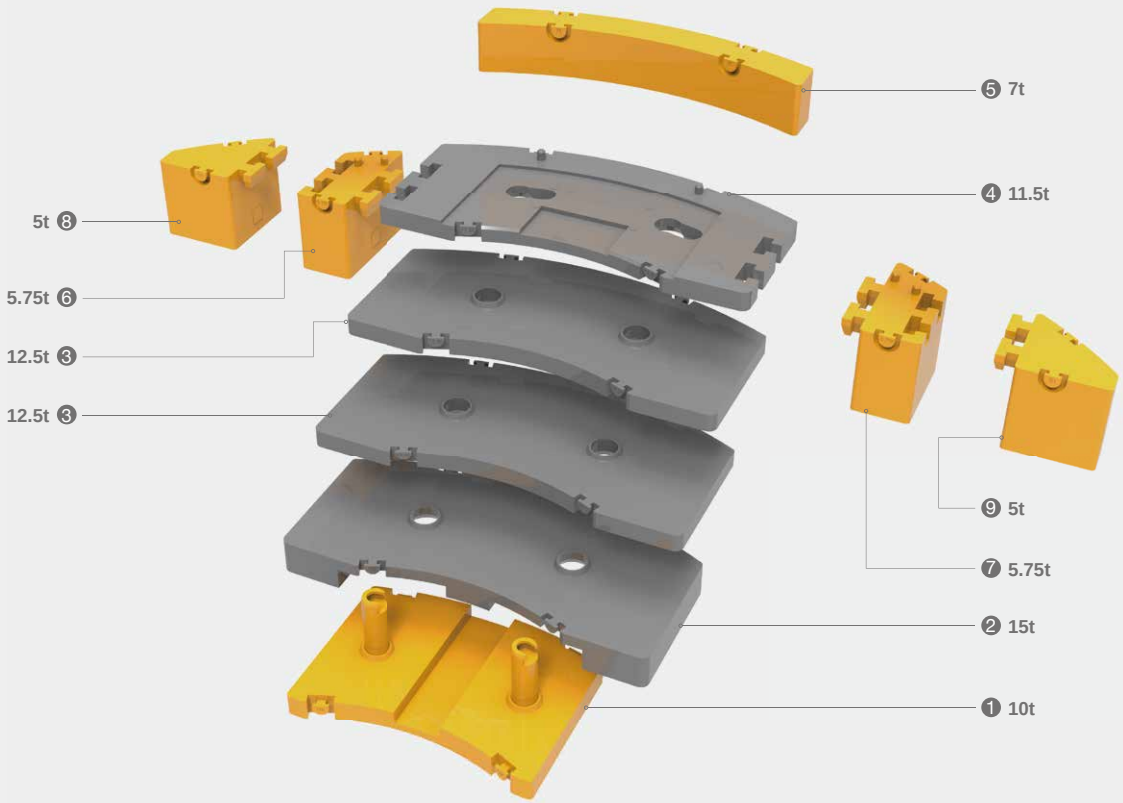
- Combined counterweights are applied, see combination chart. The counterweights can be self-loaded and unloaded via remote control.
- 组合式配重，详见组合图表。无线遥控实现配重自拆装。

Safety equipment 安全装置

- LMI: The load moment indicator is developed by using the mechanics analysis method based on the hoisting mechanical model, and the rated hoisting accuracy is controlled within ± 5% through online empty-load calibration, enabling all-round protection for the hoisting operations; in case of overloading operations, the system will send an alarm automatically to guarantee safe operations.
- Hydraulic balance valve, overflow valve, two-way hydraulic lock and other elements provided for the hydraulic system, ensuring stability and reliability of the hydraulic system.
- The 3rd wrap indicator of main winch to prevent rollover of wire rope.
- A2B limit switch mounted at tip of boom and jib to prevent over-hoisting of the wire rope.
- Anemometer mounted at tip of boom to check if the wind speed is out of the allowable operating range of the crane.
- 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 ± 5%，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。

Counterweight Combinations
配重组合



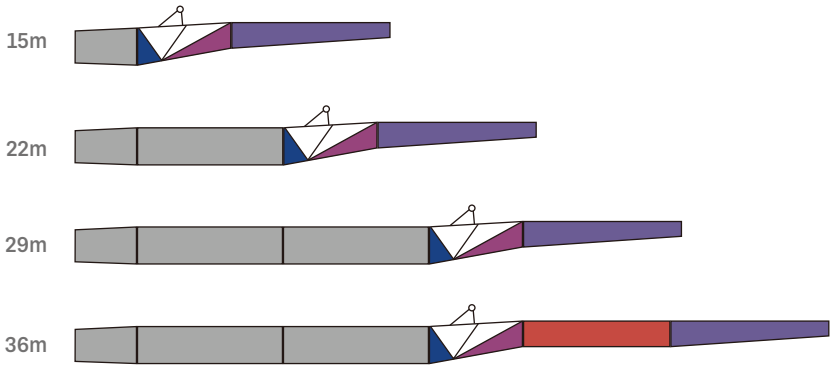


Total weight (t) 总重量	①	②	③	④	⑤	⑥	⑦	⑧	⑨
	10t	15t	12.5t × 2	11.5t	7t	5.75t	5.75t	5t	5t
10	●								
25	●	●							
37.5	●	●	●						
50	●	●	●						
61.5	●	●	●	●					
73	●	●	●	●		●	●		
80	●	●	●	●	●	●	●		
90	●	●	●	●	●	●	●	●	●

90t full counterweight provides eight combinations. Self assembly and disassembly require no assisting crane.
全配重 90t，8 种不同组合，可自装卸，无需辅助吊。

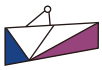
Jib Combinations
副臂组合

Boom extension with fixed jib
主臂延伸节 + 固定副臂




3m connecter
3m 主副臂转接头


7m boom extension
7m 主臂延伸节


5m adapter
5m 变幅节

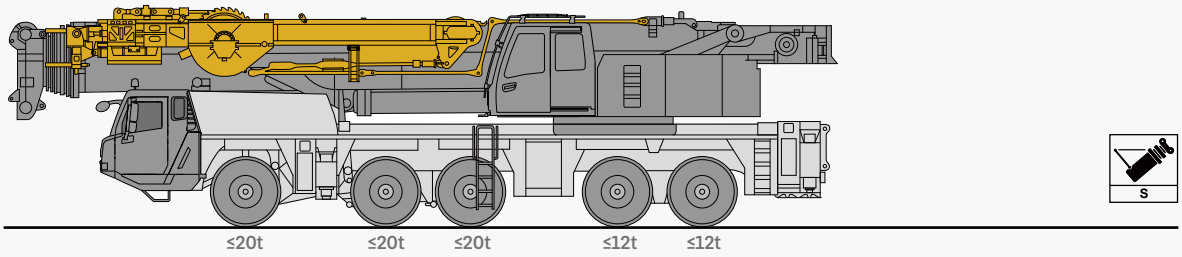

7m jib insert
7m 副臂延伸节

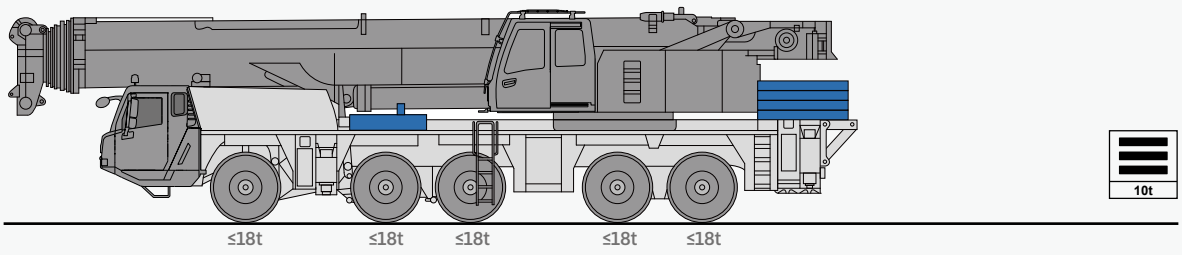

7m jib head
7m 副臂臂头

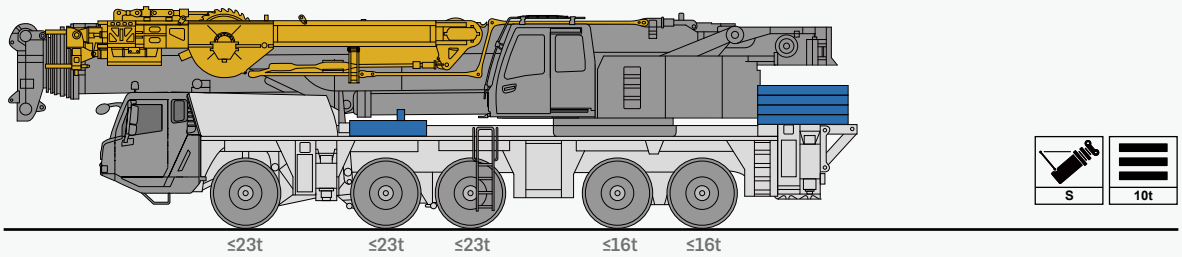
Transport Solutions
带载行驶

Various traveling modes available
With all boom sections, outriggers, and superlift.
With all boom sections, outriggers, 10t CW, and four outrigger pads.
With all boom sections, outriggers, superlift, 10t CW, and four outrigger pads.

提供多种带载行驶方案
全臂全腿带超起。
全臂全腿 +10t 底配重 +4 块支腿垫板。
全臂全腿带超起 +10t 底配重 +4 块支腿垫板。

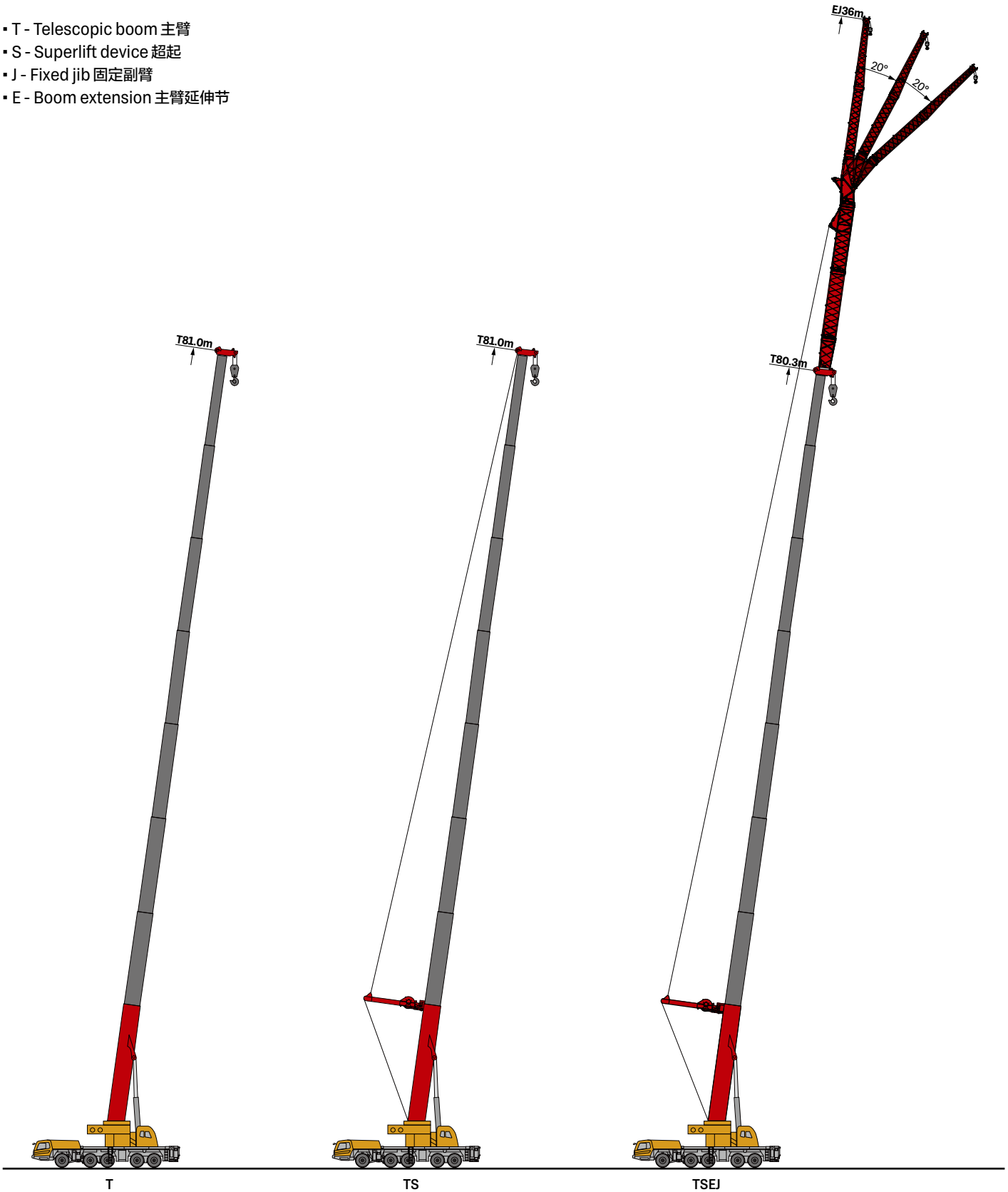




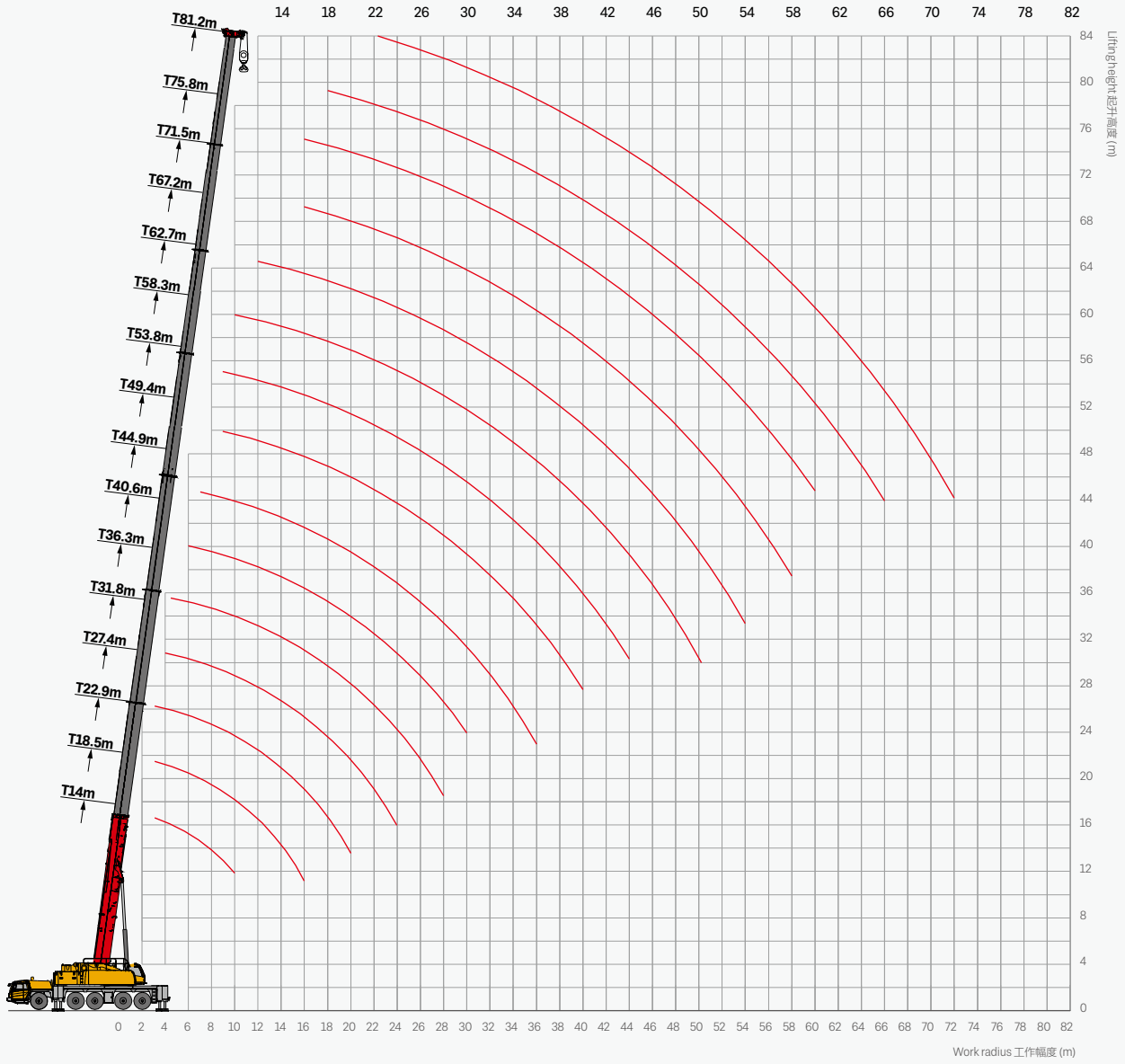


Working Conditions & Code Description
工况组合及工况代码说明

- T - Telescopic boom 主臂
- S - Superlift device 超起
- J - Fixed jib 固定副臂
- E - Boom extension 主臂延伸节



Operating Range - T
起升高度曲线 - 主臂



Load Chart - T

性能表 - 主臂

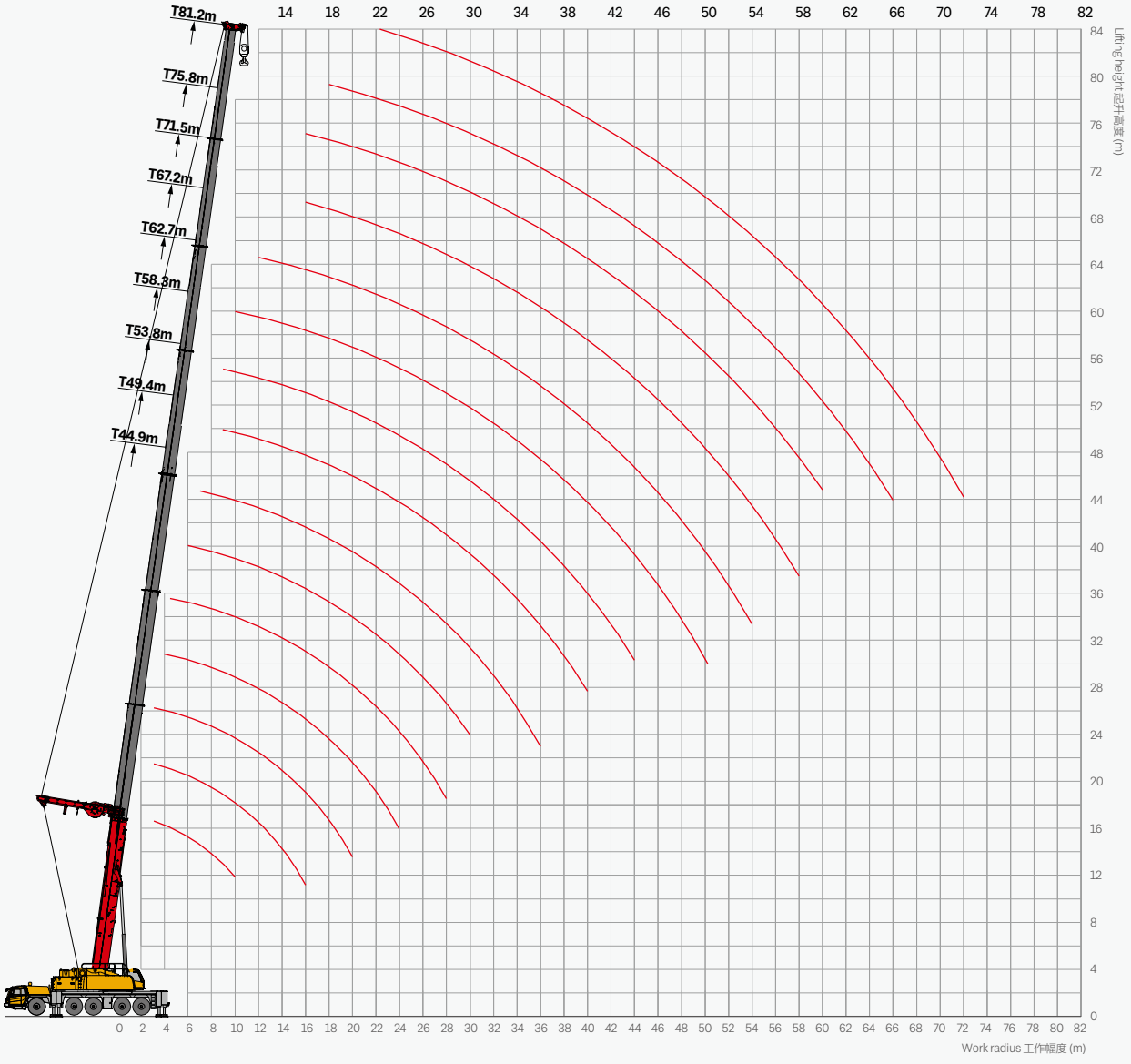
Unit: t

m	14	18.5	22.9	27.4	31.8	36.3	40.6	44.9	49.4	53.8	58.3	62.7	67.2	71.5	75.8	81.2	m
2.5	300*																2.5
3.0	150.0	150.0	141.0	126.0													3.0
3.5	145.0	145.0	141.0	126.0													3.5
4.0	145.0	140.0	136.0	126.0	111.0												4.0
4.5	140.0	135.0	129.0	126.0	111.0												4.5
5.0	135.0	128.0	123.0	120.8	111.0	101.0											5.0
6.0	120.0	115.0	111.0	110.3	101.0	95.0											6.0
7.0	108.1	103.0	101.0	98.7	84.2	81.9	75.4										7.0
8.0	101.0	92.9	91.7	90.3	78.2	76.9	72.7										8.0
9.0	88.5	85.5	84.5	83.0	73.4	72.0	67.2	52.4									9.0
10.0	78.6	77.3	76.2	76.7	72.7	66.3	63.5	50.6	49.2	43.1							10.0
11.0		71.4	69.0	68.0	65.7	60.6	59.7	50.4	47.2	40.7	33.9						11.0
12.0		64.1	64.2	61.8	59.8	55.5	55.0	48.5	44.5	38.9	32.5	27.3					12.0
14.0		56.9	52.5	52.5	50.8	51.5	51.5	47.6	43.1	38.1	29.7	25.6	23.6	19.8			14.0
16.0			44.0	46.9	44.7	44.8	44.9	43.3	38.6	35.0	29.1	23.8	22.4	19.0	15.2		16.0
18.0			41.1	39.2	39.8	40.7	39.8	39.6	34.8	31.9	27.1	23.7	21.0	18.1	14.7	11.6	18.0
20.0			36.1	34.2	34.8	34.7	35.6	36.6	31.7	29.3	25.0	22.1	19.9	17.3	14.3	11.1	20.0
22.0				32.1	30.2	30.6	30.8	31.7	28.7	26.8	23.3	20.7	18.4	16.5	13.8	10.9	22.0
24.0				28.0	26.3	27.8	27.0	27.9	27.1	24.4	21.7	19.4	17.1	15.7	13.2	10.7	24.0
26.0					24.1	24.7	24.6	24.7	23.9	22.2	20.4	18.1	16.1	14.8	12.6	10.4	26.0
28.0					21.4	21.7	22.5	22.4	21.6	21.0	19.0	17.0	15.1	14.0	12.0	10.2	28.0
30.0						20.0	20.9	20.2	18.9	18.7	17.4	16.0	14.3	13.2	11.5	9.9	30.0
32.0						19.5	18.3	18.0	17.0	16.9	16.8	14.9	13.5	12.5	11.0	9.5	32.0
34.0							17.0	16.1	15.6	14.9	15.1	13.9	12.8	11.7	10.5	9.1	34.0
36.0							15.5	14.6	14.0	13.3	13.6	13.6	12.1	11.1	10.0	8.7	36.0
38.0								13.2	13.0	12.4	12.0	12.2	11.2	10.5	8.9	8.4	38.0
40.0								12.0	11.5	11.5	10.8	11.0	10.5	9.9	8.6	8.1	40.0
42.0									10.5	10.4	9.9	9.9	9.8	9.4	8.2	7.8	42.0
44.0									9.5	9.3	9.3	8.9	9.1	9.0	7.8	7.4	44.0
46.0									8.6	8.6	8.8	8.0	8.2	8.2	7.4	7.1	46.0
48.0										7.7	8.2	7.5	7.7	7.8	7.0	6.4	48.0
50.0										7.0	7.2	7.0	6.8	7.2	6.5	6.1	50.0
52.0											6.4	6.6	6.3	6.4	6.3	5.8	52.0
54.0											5.9	6.1	5.9	5.9	6.2	5.5	54.0
56.0												5.5	5.5	5.5	5.7	5.1	56.0
58.0												5.0	4.3	5.2	5.1	4.8	58.0
60.0													3.6	4.8	4.6	4.7	60.0
62.0													3.2	3.0	4.1	4.2	62.0
64.0														2.7	3.6	3.7	64.0
66.0														2.3	3.2	3.2	66.0
68.0																2.8	68.0
70.0																2.6	70.0

Remark: * Nominal lifting capacity.
备注：*表示名义起重量。

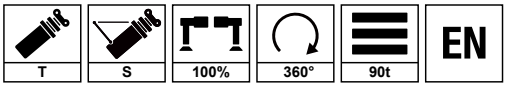
Operating Range - TS

起升高度曲线 - 主臂 + 超起



Load Chart - TS

性能表 - 主臂 + 超起

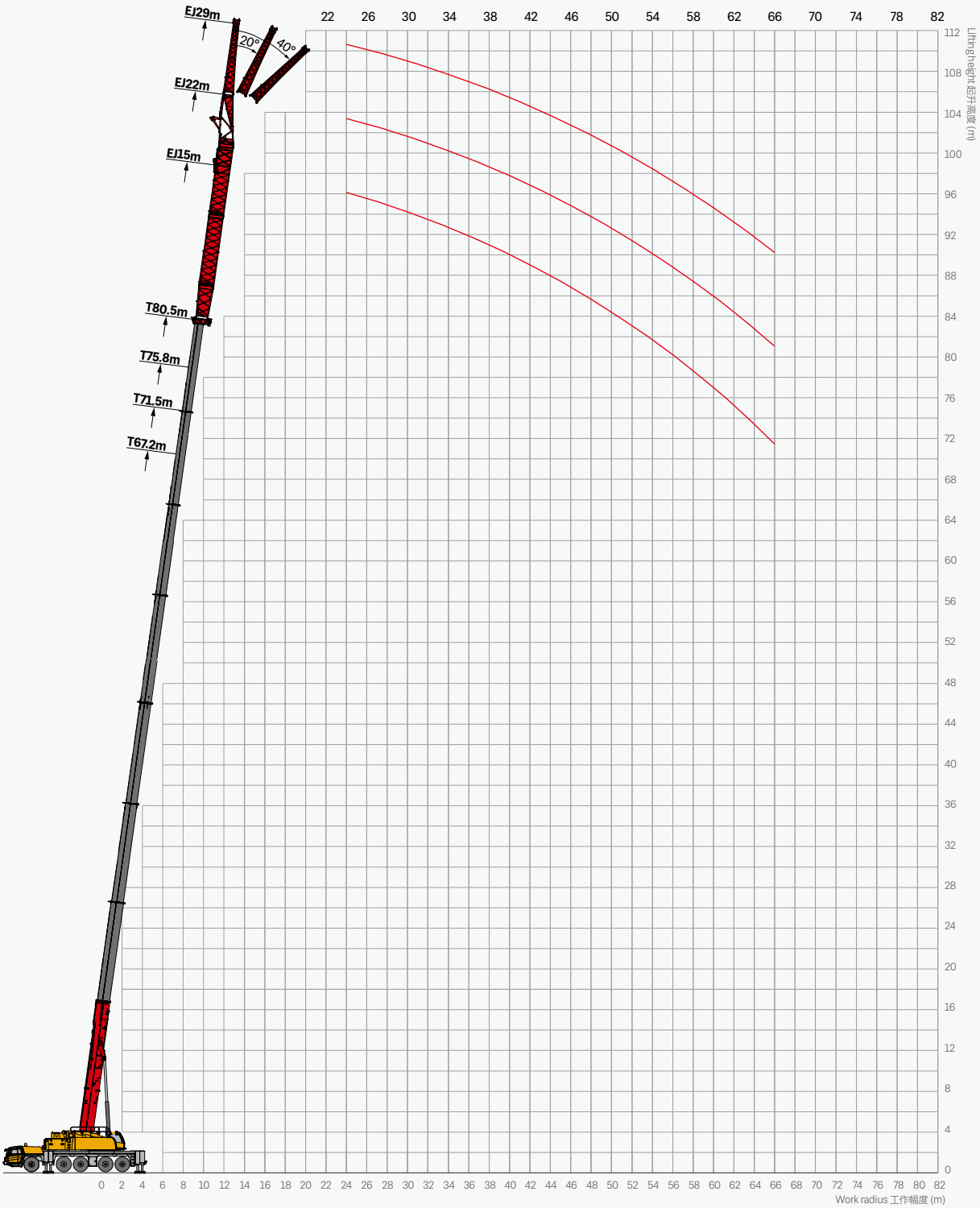


Unit: t

m	44.9	49.4	53.8	58.3	62.7	67.2	71.5	75.8	81.2	m
3.0										3.0
3.5										3.5
4.0										4.0
4.5										4.5
5.0										5.0
6.0										6.0
7.0										7.0
8.0										8.0
9.0	62.5									9.0
10.0	60.1	57.0	51.9							10.0
11.0	57.9	55.2	50.9	42.5						11.0
12.0	55.5	53.5	49.4	41.6	37.5					12.0
14.0	53.2	51.5	47.3	38.6	35.4	31.8	26.9			14.0
16.0	48.9	46.8	43.6	38.0	33.3	30.4	26.0	21.8	17.3	16.0
18.0	41.6	39.5	39.6	35.4	31.5	28.9	25.0	21.2	16.8	18.0
20.0	36.2	34.1	34.2	33.3	30.3	27.5	24.1	20.6	16.4	20.0
22.0	34.8	32.7	29.7	29.5	28.1	26.0	23.1	20.6	16.2	22.0
24.0	31.1	28.5	27.8	25.9	25.5	24.5	22.0	19.9	16.1	24.0
26.0	27.5	24.9	24.3	24.5	23.5	22.7	21.4	19.1	15.6	26.0
28.0	24.5	23.7	21.3	23.1	21.1	20.4	20.2	18.2	15.1	28.0
30.0	21.9	21.2	20.1	20.6	19.3	18.8	18.3	17.4	14.7	30.0
32.0	19.7	18.9	19.6	19.4	17.0	17.5	16.6	16.1	14.0	32.0
34.0	17.8	17.1	17.6	17.5	15.2	15.6	15.1	14.9	13.4	34.0
36.0	16.0	15.3	15.9	15.8	13.5	14.0	14.4	13.8	12.7	36.0
38.0	14.5	13.8	14.4	14.3	12.6	12.5	12.9	12.7	12.2	38.0
40.0	13.2	12.4	13.1	12.9	11.8	11.2	11.7	12.0	11.3	40.0
42.0		11.2	11.9	11.8	11.4	10.8	10.8	11.0	10.8	42.0
44.0		10.2	10.8	10.7	10.2	10.2	10.5	10.3	10.5	44.0
46.0		9.2	9.9	9.7	9.3	9.9	9.5	8.9	9.0	46.0
48.0			8.9	8.8	8.4	9.0	8.6	8.0	8.0	48.0
50.0			8.1	8.0	7.5	8.2	7.8	7.1	7.2	50.0
52.0				7.3	6.8	7.4	7.1	6.3	6.4	52.0
54.0				6.5	6.1	6.7	6.3	5.6	5.7	54.0
56.0					5.5	6.0	5.7	5.0	5.1	56.0
58.0					4.8	5.5	5.1	4.4	4.4	58.0
60.0						4.9	4.5	3.8	3.9	60.0
62.0						4.3	4.0	3.3	3.4	62.0
64.0							3.4	2.8	2.9	64.0
66.0							2.9	2.4	2.4	66.0
68.0							2.5	1.9	2.0	68.0
70.0								1.5	1.6	70.0

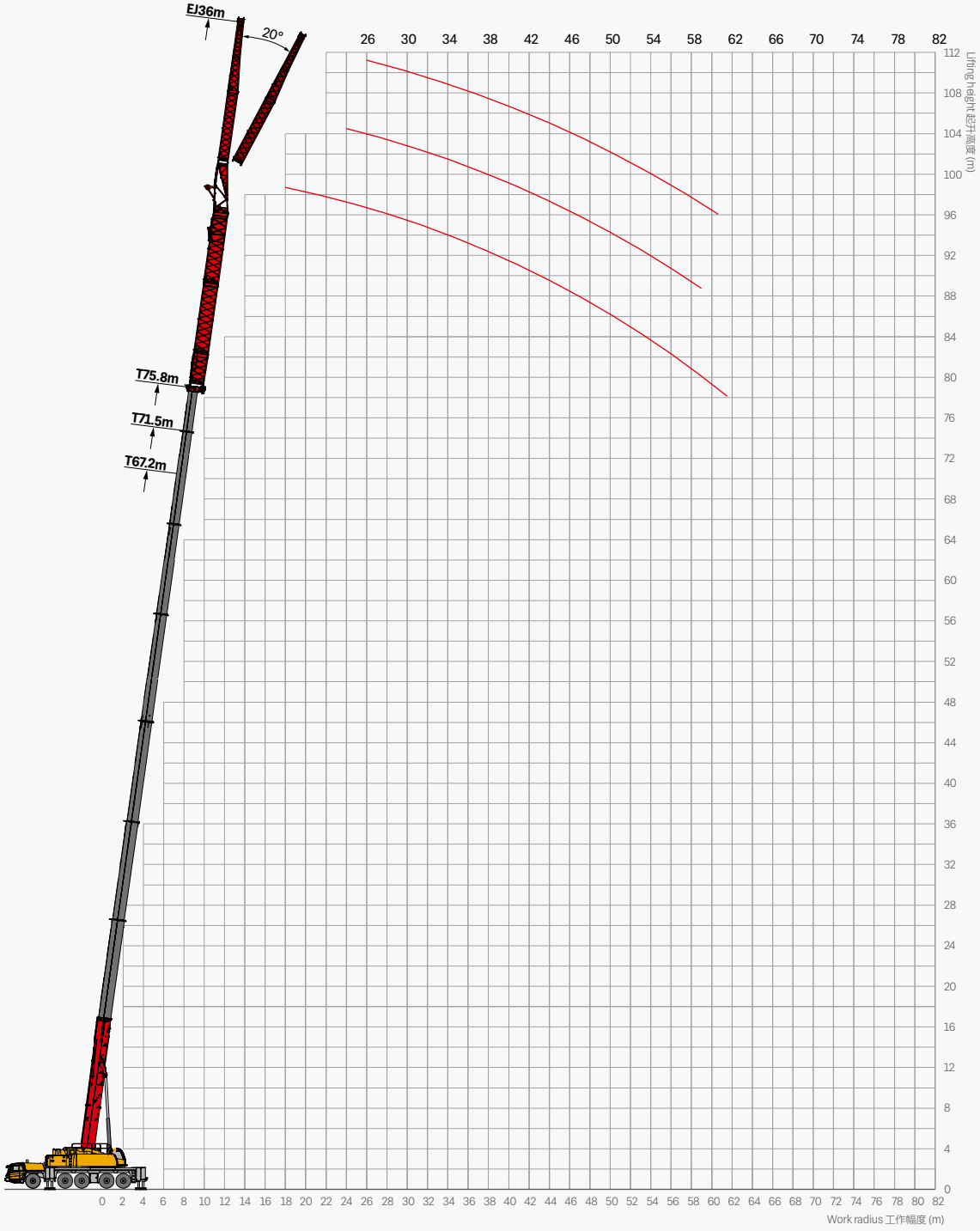
Operating Range - TEJ

起升高度曲线 - 主臂 + 主臂延伸节 + 副臂



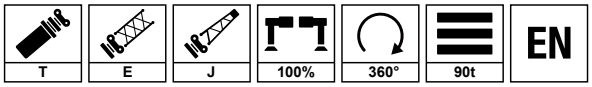
Operating Range - TEJ

起升高度曲线 - 主臂 + 主臂延伸节 + 副臂



Load Chart - TEJ

性能表 - 主臂 + 主臂延伸节 + 副臂

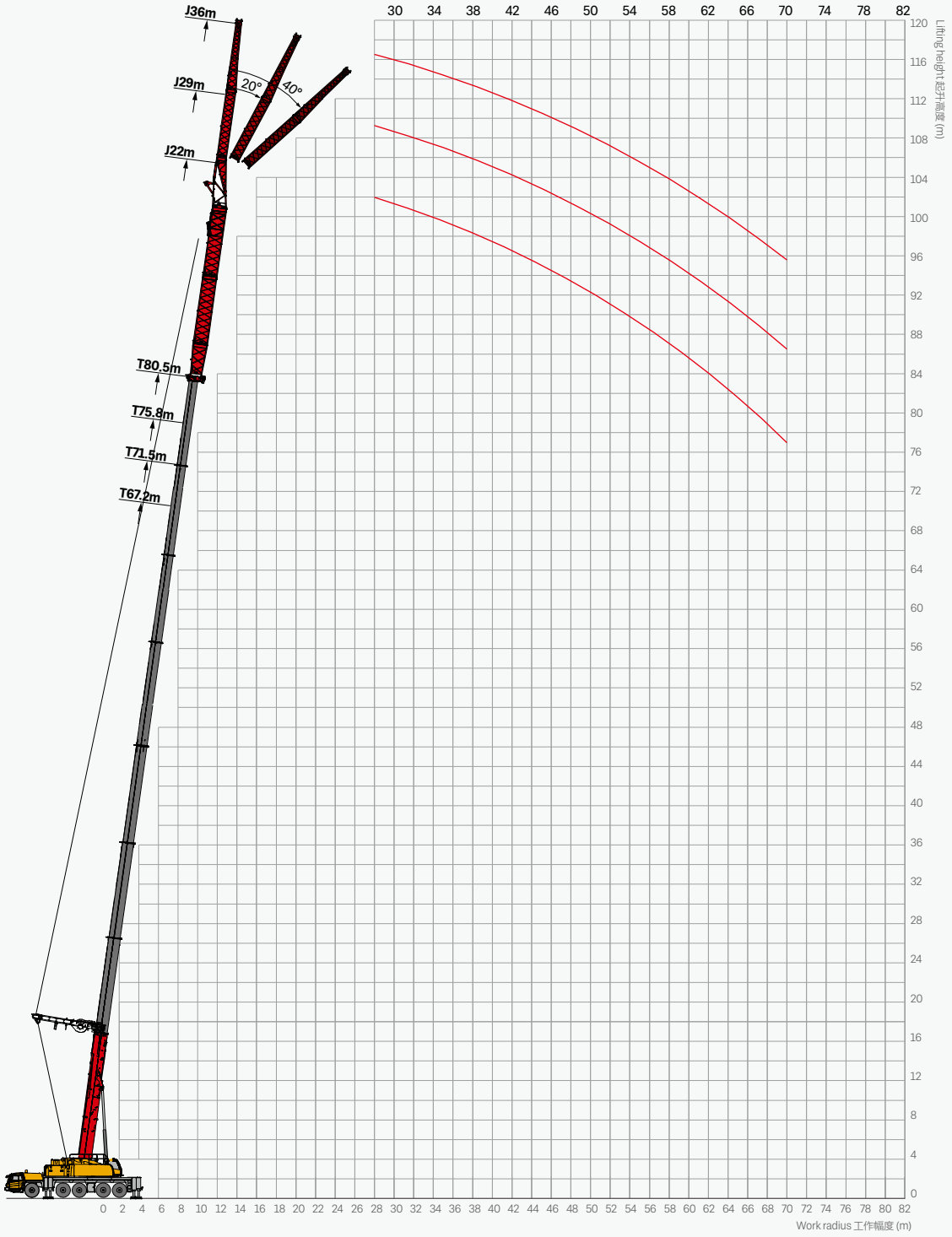


Unit: t

m	67.2				71.5				75.8				80.5			m
m	15	22	29	36	15	22	29	36	15	22	29	36	15	22	29	m
	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	
10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0																16.0
18.0																18.0
20.0																20.0
22.0																22.0
24.0	9				7.3											24.0
26.0	8.6	6.9			7.1	5.7			5.8				4.3			26.0
28.0	8.1	6.7	5.1		6.7	5.7	4.3		5.6	4.5			4.1	3.3		28.0
30.0	7.4	6.4	5		6.4	5.7	4.2		5.4	4.5	3.4		3.9	3.3	2.5	30.0
32.0	7	6.2	4.8	3.5	6.1	5.6	4.1	3.2	5.2	4.5	3.3		3.7	3.3	2.4	32.0
34.0	6.7	6	4.7	3.5	5.8	5.6	4	3.2	5	4.5	3.2	2.1	3.5	3.3	2.3	34.0
36.0	6.3	5.7	4.5	3.5	5.5	5.6	3.9	3.2	4.9	4.5	3.1	2.1	3.4	3.2	2.3	36.0
38.0	5.9	5.5	4.4	3.5	5.3	5.5	3.8	3.2	4.7	4.4	3	2.1	3.3	3.2	2.2	38.0
40.0	5.5	5.3	4.3	3.5	5	5.4	3.7	3.2	4.5	4.4	2.9	2.1	3.1	3.1	2.1	40.0
42.0	5.2	5	4.1	3.5	4.8	5.3	3.6	3.2	4.3	4.4	2.8	2.1	2.9	3	2	42.0
44.0	4.8	4.8	4	3.5	4.5	5.1	3.5	3.2	4.2	4.3	2.7	2.1	2.7	3	1.9	44.0
46.0	4.5	4.6	3.8	3.3	4.3	4.9	3.3	3.2	4	4.3	2.6	2.1	2.5	2.8	1.8	46.0
48.0	4.2	4.4	3.7	3.2	4	4.7	3.1	3.1	3.9	4.1	2.5	2	2.2	2.6	1.7	48.0
50.0	3.7	4	3.6	3	3.7	4.3	3	2.9	3.7	3.8	2.5	1.9	1.9	2.3	1.6	50.0
52.0	3.3	3.6	3.5	2.9	3.4	4	2.9	2.8	3.4	3.4	2.4	1.9	1.6	2	1.5	52.0
54.0	3	3.2	3.3	2.7	3	3.6	2.8	2.7	3.1	3.1	2.3	1.8	1.3	1.7	1.4	54.0
56.0	2.6	2.8	3	2.5	2.7	3.2	2.7	2.6	2.7	2.8	2.2	1.7	1	1.4	1.3	56.0
58.0	2.2	2.5	2.7	2.3	2.3	2.9	2.5	2.5	2.3	2.5	2	1.7		1	1.1	58.0
60.0	1.9	2.2	2.5	2.1	2	2.5	2.2	2.3	1.9	2.2	1.8	1.7				60.0
62.0	1.5	1.8	2.2	1.8	1.6	2.1	2	2	1.6	1.9	1.6	1.6				62.0
64.0	1.2	1.6	1.9	1.6	1.3	1.7	1.7	1.8	1.3	1.6	1.4	1.4				64.0
66.0		1.3	1.4	1.4		1.4	1.5	1.6		1.3	1.2	1.3				66.0
68.0		1	1.2	1.2		1	1.2	1.3		1	1					68.0
70.0			1	1			1	1.1								70.0

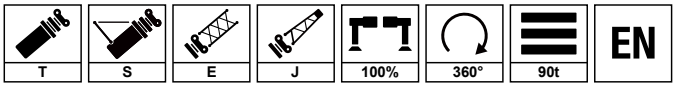
Operating Range - TSEJ

起升高度曲线 - 超起+主臂延伸节+副臂



Load Chart - TSEJ

性能表 - 超起+主臂延伸节+副臂



Unit: metric ton

m	67.2			71.5			75.8			80.5			m
m	22	29	36	22	29	36	22	29	36	22	29	36	m
	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	
10.0													10.0
11.0													11.0
12.0													12.0
14.0	18.4			17.2									14.0
16.0	17.6	13.8		16.4	11.5		12.2	10		11			16.0
18.0	16.8	13.8		15.9	11.1		11.6	9.7		10.3			18.0
20.0	15.9	13.2	8.4	15.2	10.8	7.8	11	9.4	6.9	9.1	8.1		20.0
22.0	15.1	12.8	7.9	14.6	10.7	7.4	10.8	9.2	6.5	8.8	7.9	5.7	22.0
24.0	14.7	12.5	7.8	14	10.5	7	10.6	9	6	8.4	7.7	5.7	24.0
26.0	13.9	12	7.4	13.4	10.3	6.6	10.2	8.7	5.6	8.1	7.4	5.4	26.0
28.0	13.4	11.4	6.9	12.6	9.9	6.1	10	8.4	5.2	7.8	7	5.2	28.0
30.0	12.6	10.8	6.6	12.1	9.5	6	9.7	8	5	7.6	6.7	4.9	30.0
32.0	12.1	10.2	6.5	11.6	9.1	5.8	9.5	7.6	4.8	7.4	6.3	4.7	32.0
34.0	11.6	9.6	6.4	11.2	8.5	5.7	9.1	7.2	4.6	7.2	6	4.5	34.0
36.0	10.9	9	6.2	10.8	8.2	5.6	8.9	6.8	4.5	7.1	5.6	4.4	36.0
38.0	10.1	8.4	6	10.3	7.6	5.3	8.6	6.3	4.3	6.9	5.2	4.3	38.0
40.0	9	7.8	5.6	9.3	7.1	5.1	7.8	5.9	4	6.8	4.9	4.1	40.0
42.0	8	7.2	5.4	8.3	6.5	4.9	7	5.4	3.9	6.4	4.5	4	42.0
44.0	7.2	6.7	5	7.4	6.1	4.6	6.3	5	3.6	5.9	4.2	3.8	44.0
46.0	6.3	6.2	4.8	6.6	5.7	4.4	5.6	4.7	3.4	5.3	3.9	3.4	46.0
48.0	5.6	6	4.6	5.8	5.4	4.1	5	4.5	3.3	4.8	3.8	3.2	48.0
50.0	5	5.4	4.3	5.2	4.9	3.9	4.4	4.1	3.1	4.2	3.4	2.9	50.0
52.0	4.4	4.8	4.1	4.6	4.4	3.7	3.9	3.6	2.9	3.7	3.1	2.7	52.0
54.0	3.8	4.1	3.8	4.1	3.7	3.5	3.4	3.1	2.7	3.2	2.6	2.6	54.0
56.0	3.3	3.6	3.6	3.5	3.3	3.3	3	2.7	2.6	2.7	2.4	2.5	56.0
58.0	2.8	3	3.2	3	2.7	2.9	2.5	2.3	2.3	2.3	2	2.3	58.0
60.0	2.5	2.6	3	2.7	2.4	2.7	2.3	2	2.1	2	1.8	2.1	60.0
62.0	2.3	2.3	2.8	2.5	2.1	2.5	1.9	1.7	2	1.9	1.6	2	62.0
64.0	1.9	2	2.5	2.2	1.9	2.3		1.5	1.8	1.7		2	64.0
66.0	1.5		2.2	1.7		2.2			1.4			1.6	66.0
68.0			1.7			1.9							68.0
70.0			1.3			1.5							70.0

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