

# SANY<sup>®</sup>

QUALITY CHANGES THE WORLD



 120 t

 66 m

 90 m

# SAC1200E

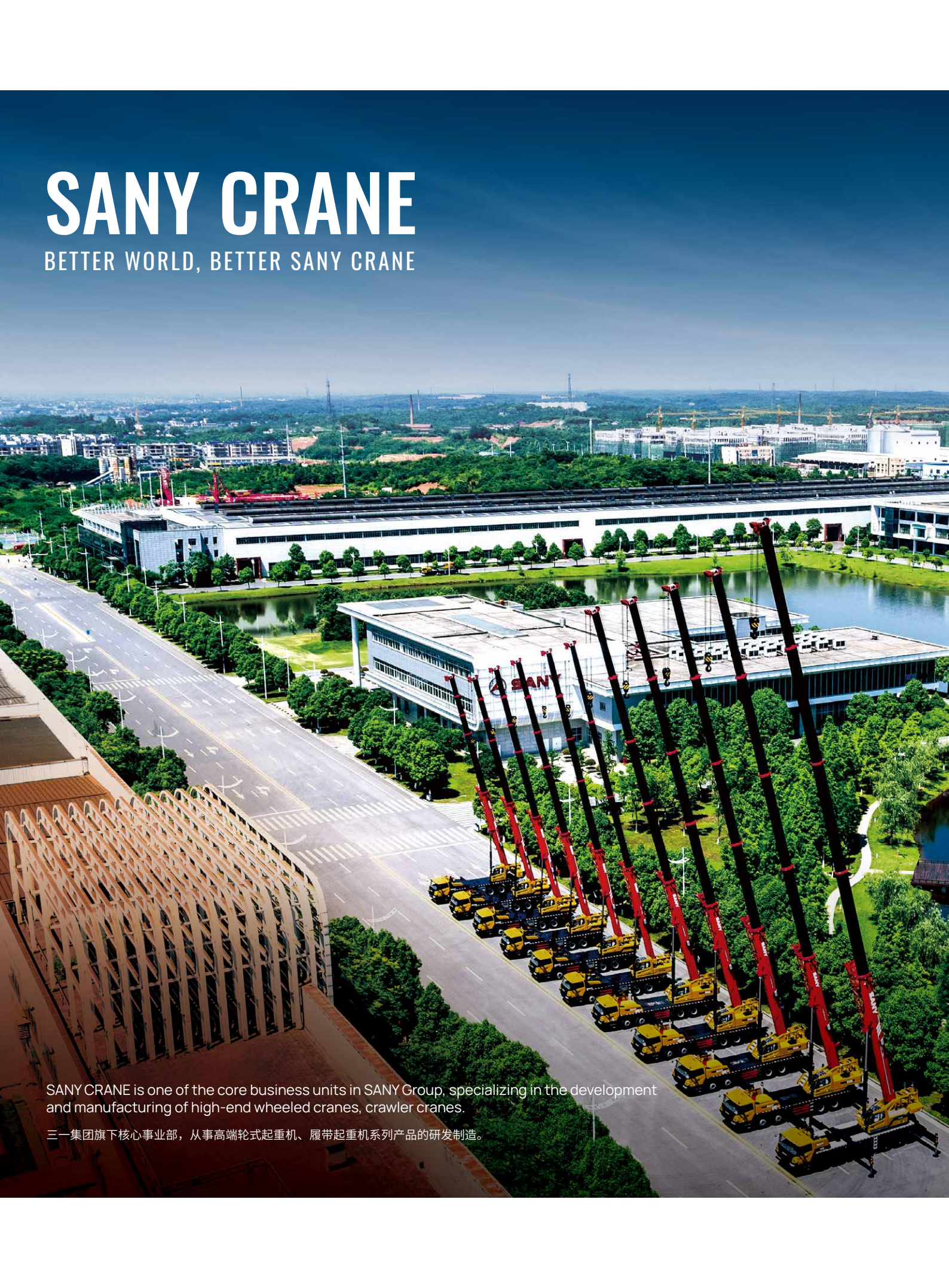
SANY All Terrain Crane

# SANY CRANE

BETTER WORLD, BETTER SANY CRANE

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

三一集团旗下核心事业部，从事高端轮式起重机、履带起重机系列产品的研发制造。





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## CRANE OVERVIEW

### 整机概述

The SAC1200E is a four-axle all-terrain crane with a 120t maximum rated lifting capacity and a 7-section boom extending up to 66m. It features a Mercedes dual-engine system, wireless remote control for all operations and standard anti-electromagnetic interference technology. Equipped with advanced intelligent functions include automatic counterweight installation and removal, one-click telescopic boom operation, and variable outrigger span adjustment, ensuring superior efficiency and ease of use. The brand-new iCab offers an upgraded driving and operating experience.

一款最大额定起重量120吨、7节臂、最大臂长66米的4桥全地面起重机。配备奔驰双发动力系统，升级自动挂配重及可变支撑功能。整车动作可以实现无线遥控，标配抗电磁干扰模块、可变支腿跨距、配重自装卸、一键伸缩臂等智能化功能。配备全新两室——iCab，驾驶、操作舒适度全面升级。



All Terrain Crane  
**SAC1200E / 120t Lifting Capacity**



Driver's cab  
新驾驶室 - 下车



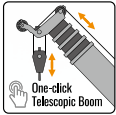
Operator's cab  
新驾驶室 - 上车



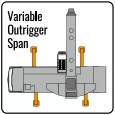
Anti-electromagnetic Interference  
抗电磁干扰



Wireless Remote Control System  
无线遥控系统



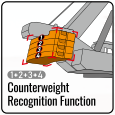
One-click Telescopic Boom  
一键伸缩臂



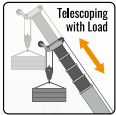
Variable Outrigger Span  
可变跨距支腿



Automatic Installation and Removal of Counterweight  
配重自装卸



Counterweight Recognition Function  
配重自识别



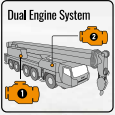
Telescoping with Load  
带载伸缩



Smart Operation  
智慧运营



Hill Start Assist  
坡道起步辅助



Dual Engine System  
双发系统



Six Steering Modes  
6种转向模式

## HIGHLIGHTS

### 整机亮点



# NEW GENERATION CAB CAPACIOUS, CONVENIENT AND COMFORTABLE

操作便捷、宽敞舒适

## Driver's cab

新两室-下车

- Multi-function seat with air suspension, making driving more comfortable.
- Heating and cooling functions are integrated into the driver's seat, providing comfort in all seasons.
- 12.1-inch touch screen integrated with back-up image and multi-media.
- Electric rearview mirror with electric heating, ensuring good field of view in foul weather.
- 气浮多功能驾驶座椅，驾驶更舒适
- 主驾配备座椅通风加热功能，冬暖夏凉
- 12.1英寸触摸大显示屏，集成倒车影像、语音娱乐功能
- 电动、电加热后视镜，不惧怕恶劣冰雪天气

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

全新操纵室，高端座舱

## Operator's cab

新两室- 上车

- Widened Adjustable Seat with a linked armrest box, providing 30% more legroom than the previous generation, ensuring comfortable operation even for individuals up to 2m tall.
- Seat heating and cooling functions provide a pleasant ride in all seasons.
- Cab tiltable by 0~20°, relieving cervical fatigue during large-angle and long-boom operations.
- Electrically controlled vibration joystick for effortless operation and precise feedback.
- 110° openable front window convenient for ventilation and escape.
- 加宽可调式座椅，联动扶手箱，腿部活动空间较上一代增加30%，2m大个也可舒适操作
- 配备座椅通风加热功能，冬暖夏凉
- 操纵室可实现0~20°上仰变位，大角度、长臂段作业时减缓颈椎疲劳
- 电控振动手柄，操作毫不费力，反馈更精准
- 110°可开启式前窗，视野开阔，方便通风及逃生



## HIGHLIGHTS

### 整机亮点



## Anti-electromagnetic Interference

### 抗电磁干扰

Anti-electromagnetic interference module, allowing the crane to work normally in strong electric field or strong magnetic field (20v/m and >500m away from interference source), including cluster construction of high-power equipment, and the vicinity of multiple interference sources including broadcasting base stations, power plants, aluminum plants or mobile communication stations.

配备抗电磁干扰模块，实现在磁场强度不大于20v/m、距干扰源500米范围外的强电场、强磁场，如大功率设备集群化施工，紧邻广播基站、电厂、铝厂或移动设备等强电磁场通信基站附近多个干扰源的环境中正常工作。



## Wireless Remote Control System

### 无线遥控系统

Outrigger control - single-piece / single-side outrigger beam and jack telescoping in/out, and one-button leveling.

Crane operation - boom telescoping, luffing, slewing, hoisting.

Auxiliary action control - counterweight lifting/lowering, jib pushing/pulling, side step extension/retraction, cab tilting, etc.

支腿控制——单个和单边支腿水平伸缩、垂直起落，并支持一键调平。

上车作业——实现伸缩臂、起落幅、回转、卷扬收放绳。

辅助动作操作——配重起落、副臂推拉、踏板伸缩、操作室变位等辅助操作。



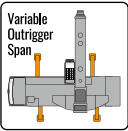
# HIGHLIGHTS

## 整机亮点

# SICON2

The all-new SICON2 (SANY Crane Intelligent Control System) features powerful data processing capabilities, ensuring your equipment operates with enhanced safety, reliability, ease of use, and efficiency—giving you complete peace of mind.

全新打造的SICON2 (Sany Crane Intelligent Control System) 拥有强大的信息处理能力，确保您的设备安全、可靠，易用，高效，让您使用无忧。

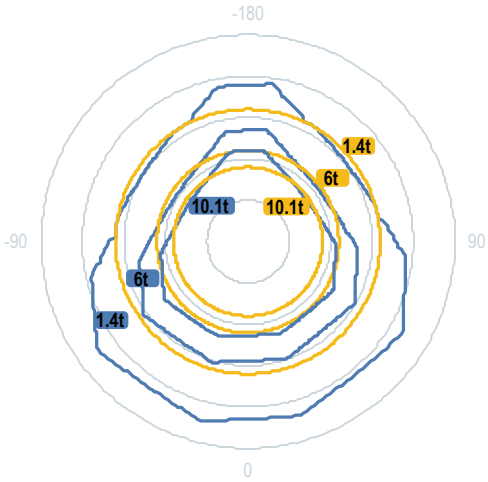


## Variable Outrigger Span

### 可变跨距支腿

Allows the outriggers to extend to arbitrary lengths and enables real-time 360° slewing angle calculations, enhancing lifting performance and ensuring safe operation even in narrow spaces.

实现起重机4条支腿伸缩长度任意组合，360°回转角实时计算，提升吊载性能，为您提供狭窄空间安全作业能力。



- 46m
- 100%
- 360°
- 0t
- 46m
- 100%
- VARIABLE OUTRIGGER
- 0t

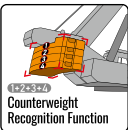
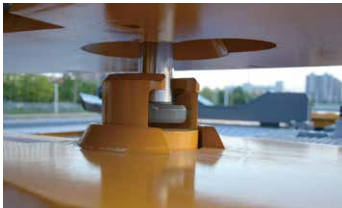


## Automatic Installation and Removal of Counterweight

### 配重自装卸

Achieved automatic installation and removal of counterweight, easily operated by one person to improve efficiency.

可实现配重自动安装和拆卸。一人可轻松完成，提高效率。



## Counterweight Recognition Function

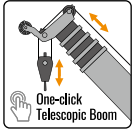
### 配重自识别

The system automatically identifies and sets the counterweight configuration, reducing the need for manual intervention and effectively preventing safety risks caused by incorrect counterweight settings.

自动识别出配重的重量，避免人工误设配重，带来的安全风险。

# HIGHLIGHTS

## 整机亮点

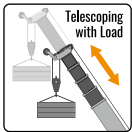


### One-click Telescopic Boom

#### 一键伸缩臂

With just one button, the boom can be safely extended and retracted. The system automatically controls winch height during the process, freeing your hands and making operation significantly easier.

仅需一键就可以安全完成主臂伸缩，伸缩过程中，自动控制卷扬定高，无需操控手柄，降低劳动强度，彻底解放双手。



### Telescoping with Load

#### 带载伸缩

It allows flexible adjustment of the boom length while lifting, significantly enhancing operational efficiency and extending coverage area, ensuring safe and convenient operations.

可在吊载状态下灵活调整臂架长度，显著提升作业效率、扩大覆盖范围，确保操作安全便捷。

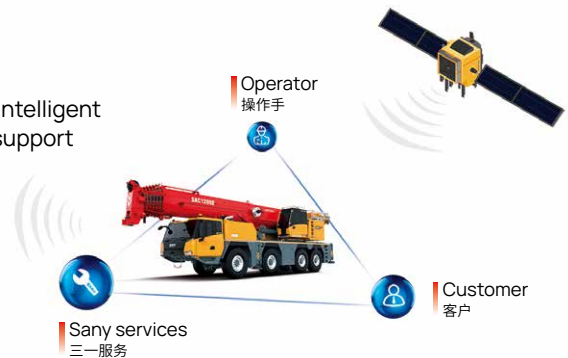


### Smart Operation

#### 智慧运营

Enables real-time visibility into equipment operations, with intelligent risk warning and alert systems. Provides operation data to support your workflow optimization and decision-making.

可实现设备作业过程可视，可提供设备工况数据，为业务流程优化提供依据。



### Hill Start Assist

#### 坡道起步辅助

Prevents rollback when starting on a slope.

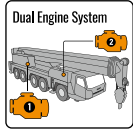
Provides faster response time and enhanced safety when towing a trailer.

车辆坡道起步时防止溜坡；

带挂车时响应时间更快，更安全。

# HIGHLIGHTS

## 整机亮点

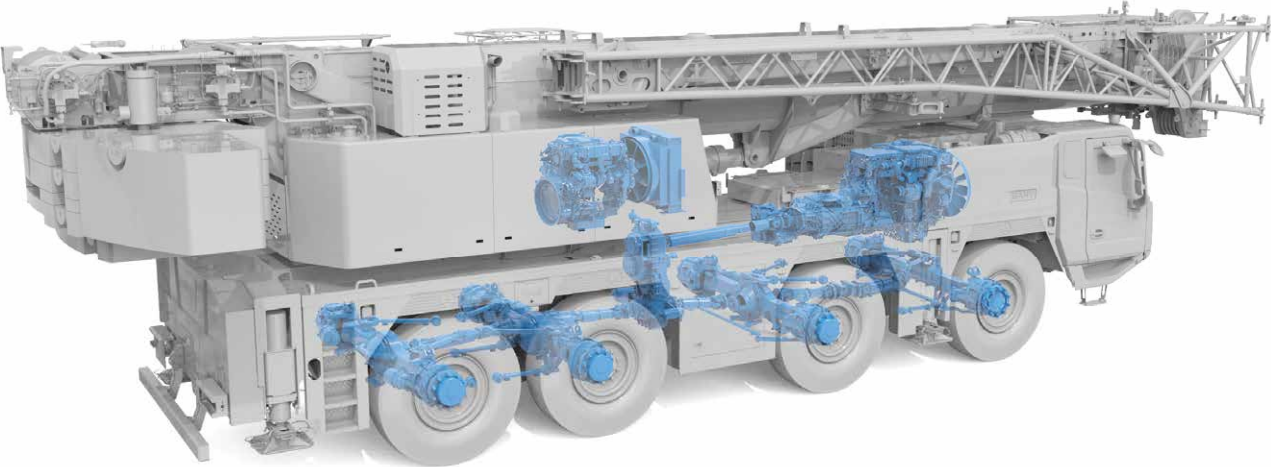


### Dual Engine System

#### 双发系统

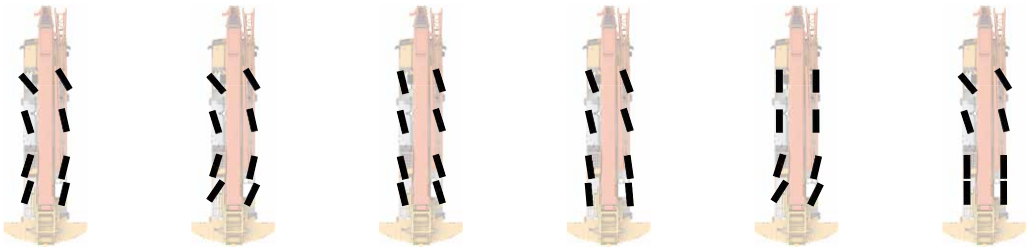
Adopts a dual engine system, reducing overall fuel consumption by 30% and doubling engine maintenance intervals.  
 Reduces the need for intermediate shafts, power take-off mechanisms, and other components, enhancing equipment reliability.  
 Dual power enables emergency power supply via the chassis emergency system, ensuring response capability in extreme situations.

采用双发系统，综合油耗降低30%，发动机保养周期翻倍；  
 减少中回、取力等机构，设备可靠性提升；  
 双动力，可以通过下车应急系统提供动力，应对极端突发情况。



### Six Steering Modes

#### 6种转向模式



- ①

On-road driving  
公路行驶
- ②

All-wheel steering  
全轮转向
- ③

Crab steering  
蟹行
- ④

Reduced swing-out steering  
无偏摆转向
- ⑤

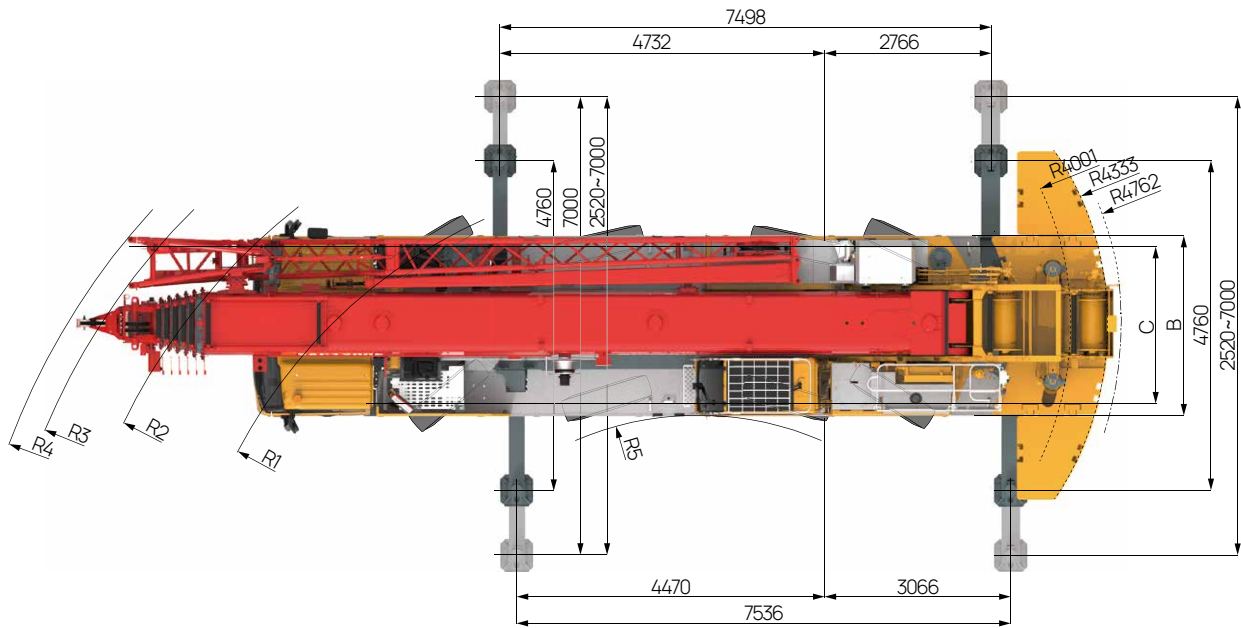
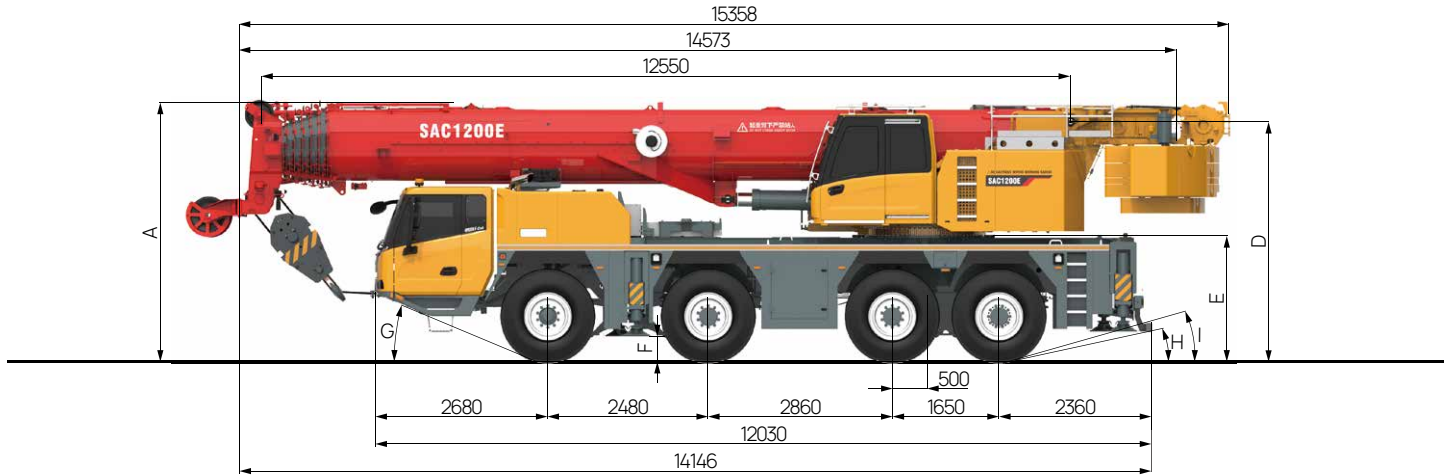
Independent rear axle steering  
独立后桥转向
- ⑥

Independent front axle steering  
后桥锁定转向

# OVERALL DIMENSIONS

## 整机尺寸

Unit: mm



	A	A*	B	C	D	E	F	G	H	I	R1	R2	R3	R4	R5
	mm	mm	mm	mm	mm	mm	mm	°	°	°	mm	mm	mm	mm	mm
385/95R25 (14.00 R25)	3950	3850	2750	2337	3620	1876	300	21	10	18	7874	9504	10532	10994	4239
445/95R25 (16.00 R25)	4000	3900	2750	2277	3670	1926	350	22	12	19	7853	9509	10535	10998	4245
525/80R25 (20.5 R25)	4000	3900	2900	2367	3670	1926	350	22	12	19	7898	9509	10535	10998	4170

**Remark 备注:**

The stroke of suspension cylinder : -100mm~+100mm.

A column is calculated when suspension is at middle level. A\* column is calculated when suspension is at lowest level.

悬挂油缸行程: -100mm~+100mm

A列为悬挂处于中位, A\*列为悬挂处于最低位。

# TECHNICAL SPECIFICATIONS









## 整机参数

CATEGORY 类型	ITEM 项目	UNIT 单位	VALUE 参数	
CAPACITY 额定起重量	Max. lifting capacity 最大起重量	t	120	
WEIGHT 重量参数	Gross weight 整机总质量	kg	48000	
POWER (CHASSIS) 发动机参数(下车)	Engine model 发动机型号	-	OM471LA (EU Stage V)	
	Max. engine power 发动机最大功率	kW/rpm	360/1600	
	Max. engine torque 发动机最大输出扭矩	N-m/rpm	2400/1300	
POWER (SUPERSTRUCTURE) 发动机参数(上车)	Engine model 发动机型号	-	OM934LA (EU Stage V)	
	Max. engine power 发动机最大功率	kW/rpm	150/1800	
	Max. engine torque 发动机最大输出扭矩	N-m/rpm	850/1200	
DIMENSIONS 尺寸参数	Overall length 整机全长	mm	14573	
	Overall width 整机全宽	mm	2750	
	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	
	Min.steering radius 最小转弯半径	m	7.87	
	Min.steering radius of boom tip 臂头最小转弯半径	m	7.87	
	Wheel formula 车轮模式	-	8×6×8	
	Min.ground clearance 最小离地间隙	mm	300	
	Approach angle 接近角	°	21	
	Departure angle 离去角	°	10	
	Max.gradeability 最大爬坡度	-	60.0%	
MAIN PERFORMANCE 主要性能参数	Recommended working temperature range 推荐使用温度区间	°C	-20~+45	
	Min.rated lifting radius 最小额定幅度	m	3	
	Tail slewing radius 转台尾部回转半径	m	4.6/4.7	
	Boom sections (Qty.) 臂节数	-	7	
	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	3238
		Full-extension boom 全伸主臂	kN-m	1674
		Longest boom + fixed jib combination 最长主臂+固定副臂组合	kN-m	670
	Boom length 臂长	Basic boom 基本臂	m	12.6
		Full-extension boom 全伸主臂	m	66
		Longest boom + fixed jib combination 最长主臂+固定副臂组合	m	90
	Max.lifting height 最大起重高度	Basic boom 基本臂	m	12.6
		Full-extension boom 全伸主臂	m	66
		Longest boom + fixed jib combination 最长主臂+固定副臂组合	m	90
	Outrigger span (Longitudinal× Transverse) 支腿跨距(纵×横)	m	7.5×7.0	
Jib offset 副臂安装角度	°	0, 20, 40		
AIRCONDITIONER 空调	In operator's cab 上车空调	-	Heating & cooling 制冷、制热	
	In driver's cab 下车空调	-	Heating & cooling 制冷、制热	





# TECHNICAL SPECIFICATIONS

## 整机参数





### ■ Axle Load 轴荷

							
< 12t	48t	8×6	385/95R25 (Aluminum wheel rim) 铝轮辋	-	-	-	-
< 12t	48t	8×6	445/95R25 (Aluminum wheel rim) 铝轮辋	-	-	-	-
< 16.5t	66t	8×6	445/95R25 (Aluminum wheel rim) 铝轮辋	18t	-	25t	-




### ■ Speed and Gradeability 速度与爬坡度

	 Min.	 Max.	
385/95R25 (14.00 R25)	1.9km/h	80km/h	60.0%
445/95R25 (16.00 R25)	2.1km/h	80km/h	60.0%
525/80R25 (20.5 R25)	2.1km/h	80km/h	60.0%











### ■ Gear 档位

	
	12/R2
	12/R2

### ■ Max. Supporting Forces 最大支撑力

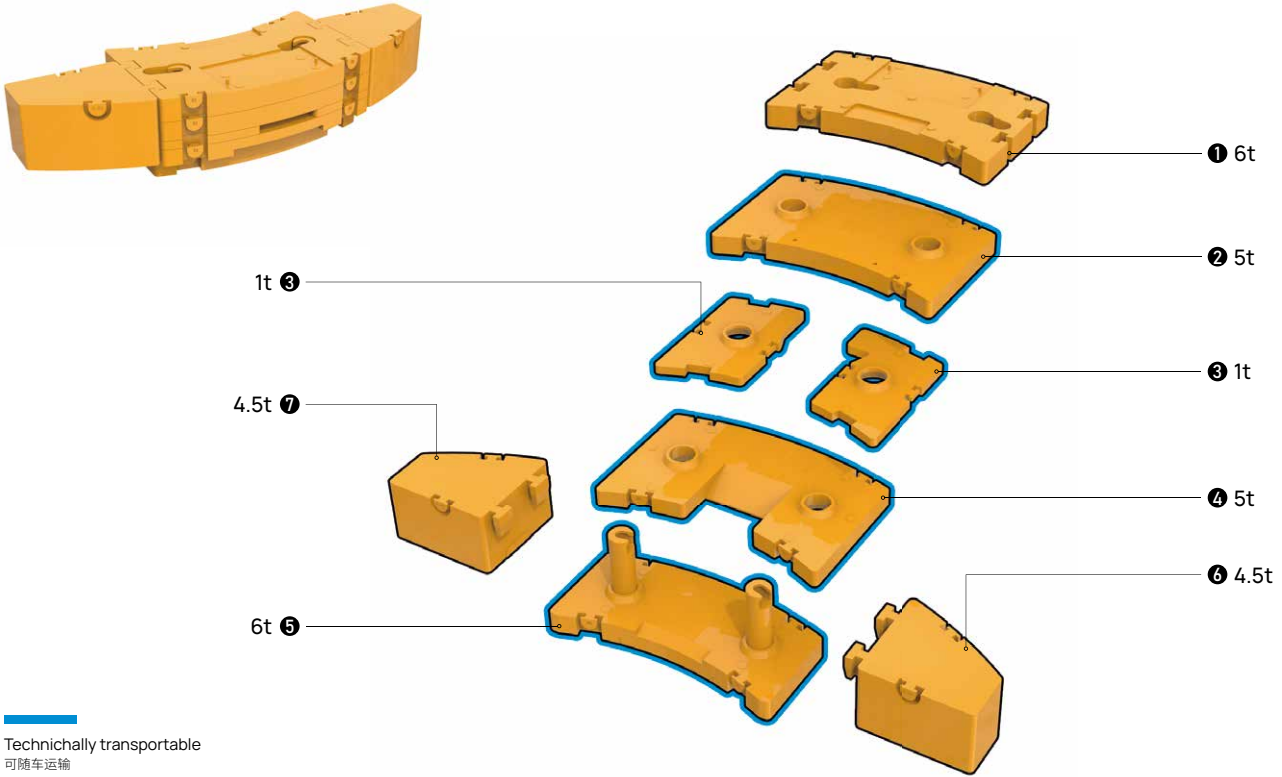
		
$F_{max}$	588kN (60t)	803.6kN (82t)

### ■ Operations 主要动作参数

			 L	 F
	0~120m/min	Φ19mm	260m	78.4kN
	0~120m/min	Φ19mm	260m	78.4kN
	0~1.7r/min			
	Approx. 60s to reach 82° 约60s达到82°			
	Approx. 620s from 12.6m to 66m 从12.6m~66m约需620s			

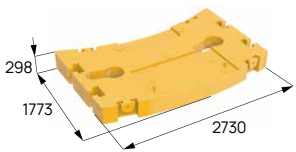
# COUNTERWEIGHT

配重

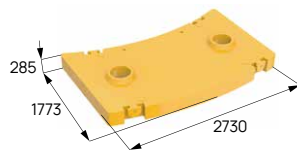


Technically transportable  
可随车运输

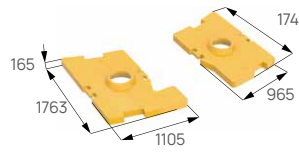
Total weight 总重量	①	②	③	④	⑤	⑥	⑦
	6t	5t	1t*2	5t	6t	4.5t	4.5t
6t					•		
11t		•			•		
13t		•	•		•		
18t		•	•	•	•		
24t	•	•	•	•	•		
33t	•	•	•	•	•	•	•



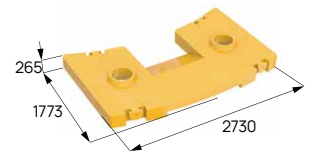
6t



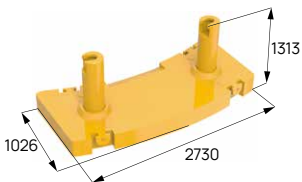
5t



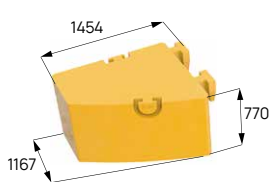
1t\*2



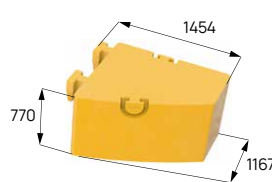
5t



6t



4.5t



4.5t

# COUNTERWEIGHT

## 配重

■ Traveling with counterweight and hook block on board 带载行驶能力



≤12t    ≤12t    ≤12t    ≤12t



≤16.5t    ≤16.5t    ≤16.5t ≤16.5t

☰ 0t

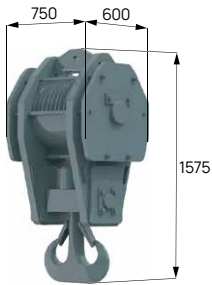
☰ 13t (6+5+1+1)  
Middle counterweight 中间配重

☰ 5t  
Rear counterweight 尾部配重

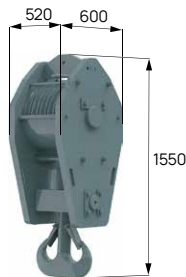
🔗 25t single pulley hook  
25t单滑轮吊钩

# HOOK

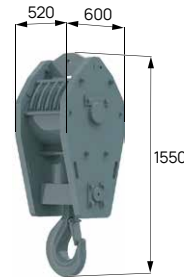
## 吊钩



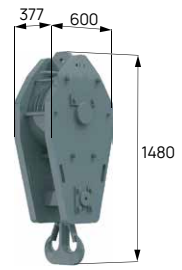
100t ramshorn hook 双钩



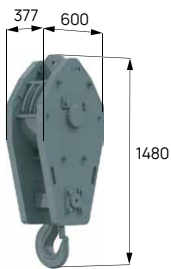
80t ramshorn hook 双钩



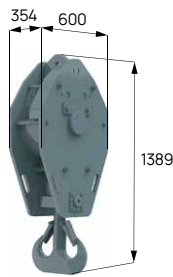
80t hook 单钩



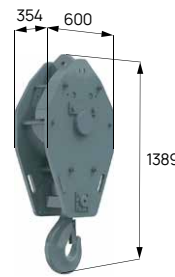
50t ramshorn hook 双钩



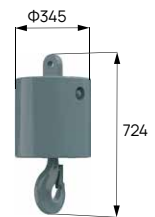
50t hook 单钩



25t ramshorn hook 双钩



25t hook 单钩



10t ball hook 球钩

🔗	☰	☰	🔗 kg	
100t (ramshorn hook 双钩)	7	15	1252	○
80t	5	11	900	○
80t (ramshorn hook 双钩)	5	11	900	○
50t	3	7	702	○
50t (ramshorn hook 双钩)	3	7	702	●
25t	1	3	529	●
25t (ramshorn hook 双钩)	1	3	529	○
10t (Ball hook 球钩)	0	1	252	●

● Standard 标配    ○ Optional 选配

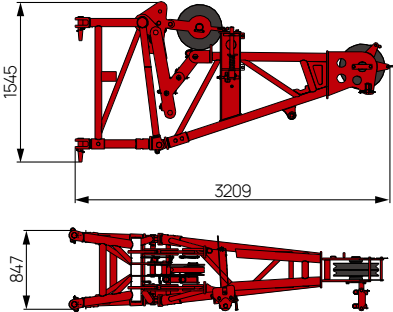
# JIB (OPTIONAL)

## 副臂(选配)

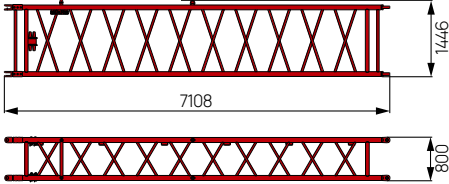


Lengths 长度	①	②	③	④
	2.9m	7m	9.6m	7.4m
2.9m	•			
9.6m			•	
17m			•	•
16.6m		•	•	
24m		•	•	•

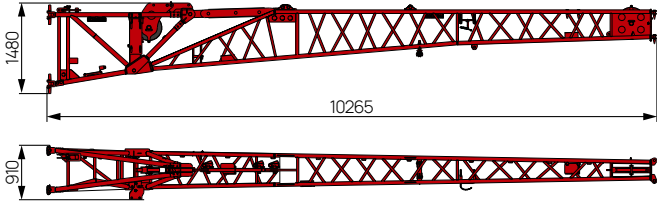
① 618kg



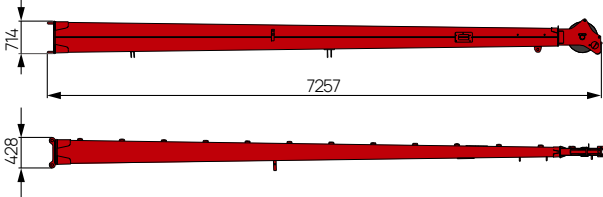
② 546kg



③ 1380kg



④ 377kg



# MACHINE INTRODUCTION

## 整机介绍

### Carrier 下车

#### Driver's cab 驾驶室

- Three seats with a folding berth. Its soundproofing performance meets the standard of heavy-duty trucks. Air suspension seat features shock absorption, back adjustment, lumbar support and other ergonomic designs. Virtual LCD instrument and 12.1" console screen integrate auto control of air conditioning. Seat heating and cooling. Indoor temperature can be adjusted precisely and smoothly. LED headlights, electrically heated rear-view mirrors, multi-function steering wheel. The multi-media can be controlled by the buttons integrated in the steering wheel. HVAC.
- 三座椅，二合一卧铺。车门关闭后，隔音性能达到国际重卡水平。空气悬浮减震座椅，集成背部调节、气囊腰托、人体工程学配置。液晶、虚拟仪表盘。12.1寸中控大屏；座椅通风加热功能；集成自动空调控制界面，精准控温，出风柔顺。LED前大灯，电热后视镜；多功能方向盘，可控制车内多媒体设备。冷暖空调。

#### Carrier frame 车架

- Manufactured by SANY, the torsion resistant box -type structure is welded by fine grain high-strength steel.
- 由高强度细晶粒结构钢制成的防扭转箱形结构，三一制造。

#### Engine 发动机

- Model: BENZ OM471LA inline six-cylinder diesel with watercooler. Electronically controlled.
- Rated power: 360kW/1600rpm.
- Max. torque: 2400Nm/1300rpm.
- Emission standard: EU Stage V.
- Fuel reservoir capacity: 430L.
- Ad - Blu Tank Size: 40L.
- 型号：奔驰OM471LA直列六缸水冷电控柴油发动机。
- 额定功率：360kW/1600rpm。
- 最大扭矩：2400Nm/1300rpm。
- 排放标准：欧五。
- 燃油箱容积：430L。
- 尿素箱容积：40L。

#### Transmission 变速箱

- ZF AMT, 12 forward speeds and 2 reverse speeds, large speed ratio range, adaptable to slope climbing and high-speed traveling.
- 德国ZF手自一体变速箱，12个前进档，2个倒档，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。

#### Transfer case 分动箱

- High quality mechanical shift transfer case enjoys large output torque. 2 Speed Ranges.
- 高品质机械式分动箱，输出扭矩大。2档分动箱。

#### Axle 车桥

- KESSLER high-strength axles are coupled with air disc brakes.
- 德国KESSLER高强度车桥，配备气控盘式制动器。

#### Outrigger 支腿

- H-type layout, four point support, one stage outrigger beam. Hydraulically controlled telescoping out and down. Two positions of 50% and 100% are available. Working safety is further enhanced via ground pressure sensors and protectors.
- 4支腿，H形布置，采用单级水平支腿，水平伸缩和垂直伸缩由液压控制，带推拉式支脚盘，有50%和100%作业位置，并装有支腿压力检测与保护装置，提升作业安全性。

#### Suspension system 悬挂系统

- All axles adopt hydro-pneumatic suspension functioning good shock absorption, auto-levelling, shift of rigidity and resilience.
- The cylinder stroke ranges -100mm~+100mm.
- 所有车桥均采用油气悬挂系统，减震效果好，具有自动调平、悬架升降、弹性刚性转换等功能。
- 悬架油缸行程：-100mm~+100mm。

#### Steering 转向系统

- All wheel steering. Cutting edge electro-hydraulic proportional steering mechanism ensures multiple steering modes, maximizing flexibility on various terrain conditions.
- Axles 1 and 2 mechanical steering, axles 3 and 4 electro-hydraulic proportional steering.
- 全桥转向，采用先进的电液比例转向控制技术，可适应多种工况的要求，实现多种转向模式。
- 1、2桥机械转向，3、4桥电液比例。

#### Tires 轮胎

- 9 tires (including 1 spare tire) sized 385/95R25 (14.00R25), high bearing capacity.
- 9个轮胎(含1个备胎)，每桥均装单胎，承载力大。轮胎规格：385/95R25(14.00R25)。

#### Wheel formula 车轮模式

- 8×6×8. Axles 2, 3 and 4 driven.
- 8×6×8，2、3、4桥驱动。

#### Brake 制动系统

- Service brake: double circuit air brake functioning on all axles.
- Parking brake: performed by spring loaded accumulator on axle 2, 3, and 4.
- Assisting brake: engine brake, transmission hydraulic interarder brake.
- 行车制动：双回路气压制动，作用于所有车轮。
- 驻车制动：弹簧储能制动，作用于2、3、4轴车轮。
- 辅助制动：发动机制动，变速箱液力缓速器制动。

#### Electrical system 电气系统

- 24V DC. Brand new intelligent control. With remote control of the whole machine, it satisfies prioritized safety, driving convenience, and easy operation.
- Amp Hr Rating 180AH.
- 整车采用直流24V系统，搭载全新设计的智能化操控平台，配备整车遥控系统，在保证安全的基础上，充分兼顾驾驶方便以及操作简单的要求。
- 电池容量180AH。

#### Hydraulic system 液压系统

- The electro-hydraulic assist steering system is self made, functioning electro proportional load sensing, auto alignment and steering. The main steering hydraulic system is designed of maximized reliability with the equipment of dual circuit integrated steering gear, dual steering pumps and constant flow radial piston pump. Suspension reliability is also upgraded with the new suspension hydraulic system.
- 电液辅助转向系统采用电比例负载敏感系统功能，主动对中、转向的自制转向系统；主转向液压系统同时具备双回路集成式转向机、双联主转向泵、恒流量径向柱塞泵；最大限度提升主转向可靠性；新升级悬挂液压系统，提升悬挂可靠性。

# MACHINE INTRODUCTION

## 整机介绍

### Superstructure 上车



#### Operator's cab 操纵室

- Curved track sliding door, foldable front step and electric side step. The seat and armrest box can be adjusted in multi dimensions. HVAC system gives out airflow from various outlets once pressing the virtual key. Seat heating and cooling. Windshield wiper covers large area, ensuing clear vision in heavy rains. 10.1" frameless display of all new UI is equipped. Operation is made via touchscreen and buttons.
- 变轨滑梯门；电动滑梯踏板、折叠式前踏板；座椅、扶手箱多维度手动调节；汽车级集成式硬质按键；配置冷暖空调，多通道立体送风系统，虚拟空调按键；座椅通风加热功能；前窗分体式大面积雨刮；10.1寸无框大屏，全新UI界面，触摸、按键多模式操作。



#### Slewing platform 转台

- Made by SANY with highly-durable fine grain structural steel, the box type slewing platform is torsion resistant. A single-roll ball bearing which can rotate by 360° and functions auto lubrication is mounted on carrier frame.
- 三一制造，由高耐用性的细晶粒结构钢制成，抗扭箱形结构，一个单排球的回转支承安装在底盘架上，可360°回转，含集中润滑系统。



#### Engine 发动机

- Model: BENZ OM934LA inline four-cylinder diesel with watercooler. Electronically controlled.
- Rated power: 150kW/1800rpm.
- Max. torque: 850Nm /1200rpm.
- Emission standard: EU Stage V.
- Fuel reservoir capacity: 360L.
- Ad - Blu Tank Size: 40L.
- 型号：奔驰OM934LA直列四缸水冷电控柴油发动机。
- 额定功率：150kW/1800rpm。
- 最大扭矩：850Nm/1200rpm。
- 排放标准：欧五。
- 燃油箱容积：360L。
- 尿素箱容积：40L。



#### Hydraulics 液压系统

- Major motions of crane are controlled by electro proportional piston pump and high precision electro proportional hydraulic valve, which realizes simultaneous smooth actions. The constant power electric control also lifts engine efficiency while cutting fuel cost. The closed type slewing system functions noiselessly, effectively and smoothly.
- 上车主动作采用电比例柱塞泵 + 进口电比例 LUDV 主阀组成的高精度电比例系统，可实现所有复合动作，实现小流量平稳，复合动作冲击小，大流量节能；主动作采用电控恒功率控制，提升发动机利用效率，降低油耗。回转采用闭式系统，静音、节能、平稳。



#### Crane control 操纵方式

- Electro proportional control. It supports combined movement of good inching mobility and smoothness.
- 采用电控比例控制，微动性、平稳性好，支持多种复合动作。



#### Hoist 起升机构

- Driven by electro proportional axial piston motor, hoisting features high efficiency and low energy consumption, fitted with planetary gear reducer and normally closed type brake. It's remarkably stable at low working speed. Lebus grooves and top brand wire ropes make it more reliable.
- 电比例轴向柱塞液压马达驱动，高速节能，低速稳定性好，配置行星齿轮减速机和常闭式制动器。双折线绳槽卷筒，进口钢丝绳。



#### Slewing 回转系统

- Single-roll ball slewing bearing with external gears. Slewing is powered by close type hydraulics with built in planetary reducer gear and normally closed brake. The continuous 360° rotation is controlled electro proportionally. More functions include smooth and precise start/stop, stepless speed regulation, and free swing.
- 单排球外齿式回转支承，闭式液压系统驱动，配置行星齿轮减速器和常闭式制动器，可连续回转360°，电比例控制，启动停止平稳，精准，具有无级调速、自由滑转等功能。



#### Safety equipment 安全装置

- Electro proportional luffing balance valve, large flow telescoping balance valve are equipped.
- Three-circle protector prevents wire rope from over-lowering.
- Height limit switch at boom head prevents wire rope from over-hoisting.
- Anemometer measures wind speed displayed in realtime.
- Working Area Limitation for slewing, boom angle and hook height.
- 电比例变幅液压平衡阀、大流量伸缩平衡阀。
- 三圈保护器，防止钢丝绳过放；臂头设置高度限位，防止钢丝绳过卷。
- 风速仪，检测高空风速。
- 配备回转、主臂角度及吊钩高度限制器。



#### Load moment indicator 力矩限制器

- LMI alerts the operator audibly when actual load is close to payload and cuts off hazardous motions by itself before overload.
- 力矩限制器在实际力矩接近过载时，发出听觉视觉警报，并在过载之前自动停止危险动作。



#### Boom & telescoping system 主臂

- Seven section U shape 12.6m-66m boom. Single-cylinder pinning interlocked telescoping system, 46%, 92% and 100% telescoping modes are available.
- Boom mounted lighting with controls from Operator Cab.
- 7节“U”型主臂。单缸插销伸缩机构，有46%、92%和全伸模式可供选择。主臂长度：12.6m~66m。
- 可在操作室操控主臂照明灯。



#### Counterweight 配重

- 33t in total. See details in counterweight chart. Self-mounting and dismounting available.
- 33t，详见配重组合表。可配重自拆装。



#### Electrical system 电气系统

- 24V DC, two 12V battery sets connected in series.
- Amp Hr Rating 120AH.
- 直流24V，2个12V电池组串联。
- 电池容量120AH。



#### Auxiliary boom nose 臂尖滑轮

- Fitted at boom head, primarily used for single line operation.
- 单滑轮，安装在主臂顶端，主要用于单股钢丝绳起重作业。

# MACHINE INTRODUCTION

## 整机介绍

### Carrier 下车

#### Optional equipment at extra fees 选配

- Engine: BENZ six cylinder OM471LA.E3A (EU Stage III), water cooled diesel. Rated 360kW at 1600rpm. Torque 2400N·m at 1300rpm. Fuel reservoir capacity: 430L.
- Chassis centralized lubrication.
- Bridgestone tire.
- 445/95R25 tire / 525/80R25 tire.
- Tool box.
- Emergency system.
- Cab heating.
- Steel outrigger pad 1.5m × 1.5m × 0.02m.
- Nylon outrigger pad 1m × 1m × 0.06m.
- 发动机: 奔驰OM471LA.E3A六缸水冷柴油发动机, 欧三。额定功率360kW/1600rpm, 最大扭矩2400N·m/1300rpm。油箱容积430L。
- 下车集中润滑。
- 普利司通轮胎。
- 445/95R25轮胎 / 525/80R25轮胎。
- 尾部工具箱。
- 应急系统。
- 驾驶室加热。
- 钢制支腿垫板1.5m × 1.5m × 0.02m。
- 尼龙支腿垫板1m × 1m × 0.06m。

Remark: Actual optional configurations are subject to the configuration list.

备注: 实际选配请以配置清单为准。

### Superstructure 上车

#### Optional equipment at extra fees 选配

- Engine: BENZ four cylinder OM 934 LA.E3A (EU Stage III), water cooled diesel. Rated 150kW at 2200rpm. Torque 800Nm at 1200rpm. Fuel reservoir capacity: 360L.
- TA: Erection jib 2.9m.
- TJ: Single folding jib, 9.6m. Double swing-away jib 17m. Mechanical adjustment 0°, 20°, 40°.
- TH: Hydraulically adjustable swing-away jib, 9.6m. Double swing-away jib 17m. Hydraulic adjustment 0°, 20°, 40°.
- E: Boom extension section 7m.
- Auxiliary hoist: The auxiliary winch adopts electro-proportional variable motor for better inching mobility and operation smoothness. Stepless speed control.
- Boom tip camera.
- Air Intake shut off valve and spark arrestors.
- 发动机: 奔驰OM934LA.E3A四缸水冷柴油发动机, 欧三, 额定功率150kW/2200rpm, 最大扭矩800N·m/1200rpm, 油箱容积360L。
- TA: 鹅头臂 2.9m。
- TJ: 机械变幅副臂, 单级 9.6m, 双级 17m, 变幅角度 0°、20°、40°。
- TH: 液压变幅副臂, 单级 9.6m, 双级 17m, 变幅角度 0°、20°、40°。
- E: 主臂延伸节 7m。
- 副起升机构: 副卷扬采用电比例变量马达, 卷扬微动性、平稳性好, 能实现无级变速。
- 臂尖摄像头。
- 进气切断阀, 火星灭火器。

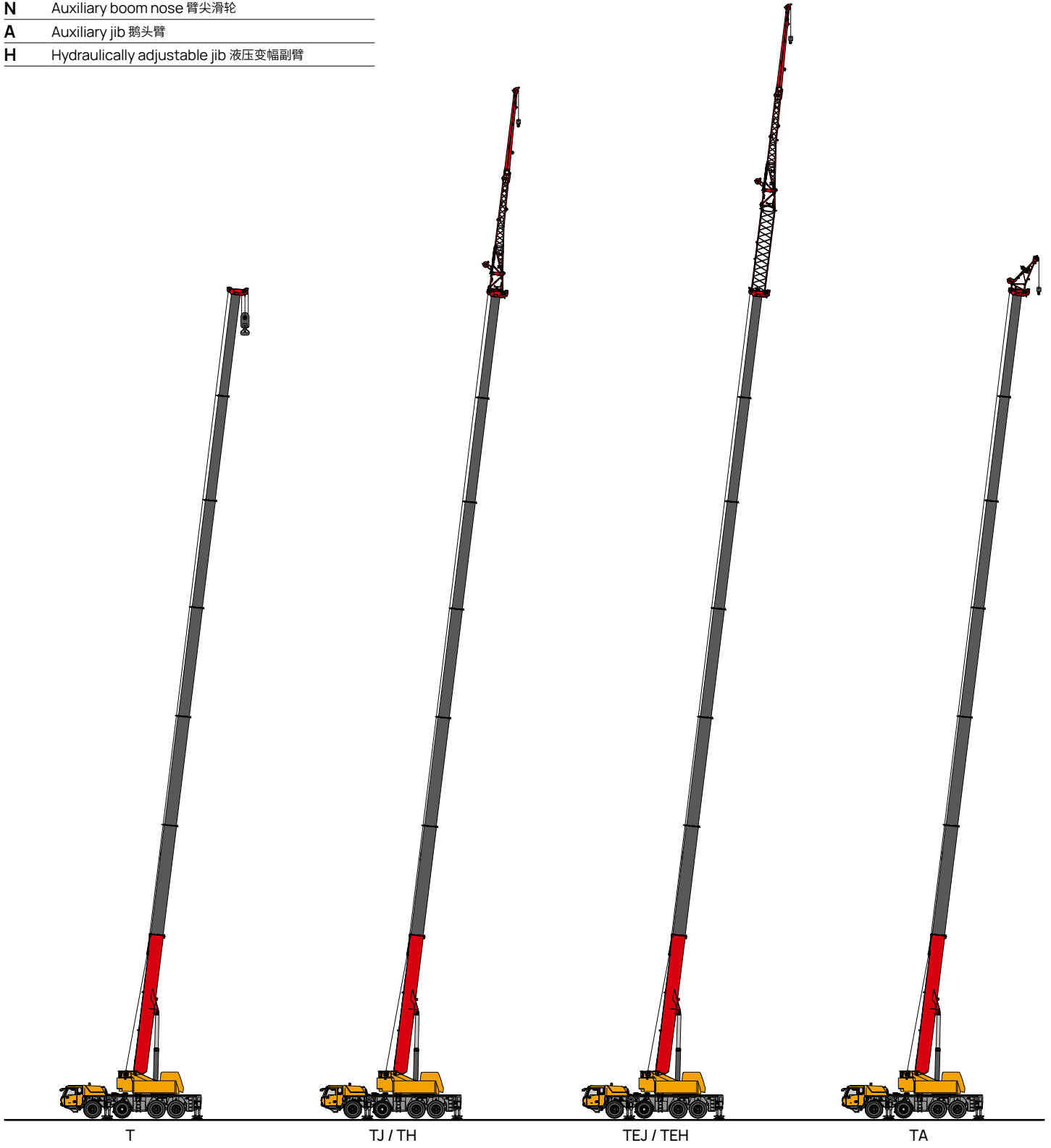
Remark: Actual optional configurations are subject to the configuration list.

备注: 实际选配请以配置清单为准。

# WORKING CONDITIONS & CODE DESCRIPTION

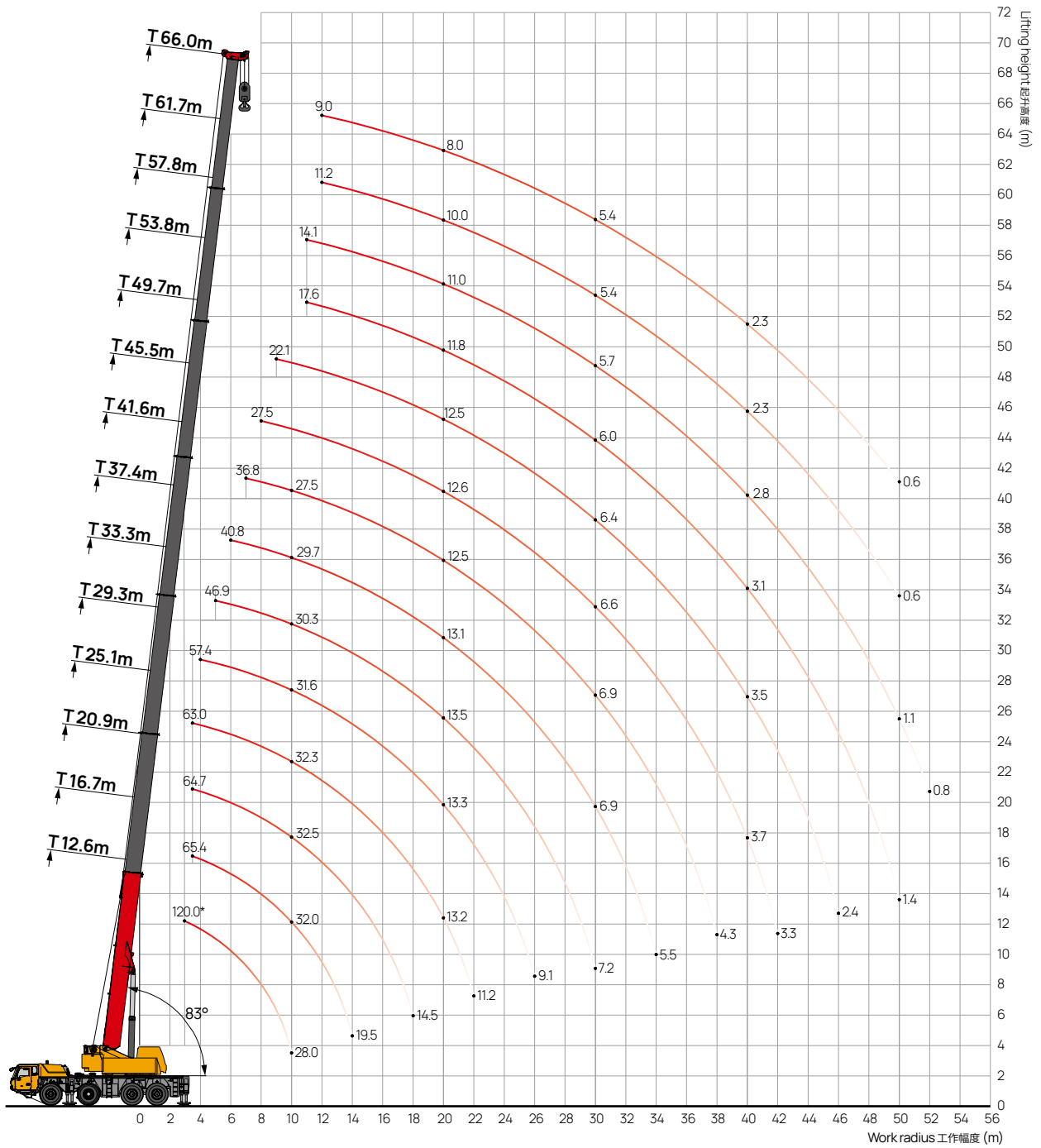
## 工况组合及工况代码说明

T	Telescopic boom 主臂
J	Fixed jib 固定副臂
E	Boom extension 主臂延伸节
N	Auxiliary boom nose 臂尖滑轮
A	Auxiliary jib 鹅头臂
H	Hydraulically adjustable jib 液压变幅副臂



# OPERATING RANGE - T

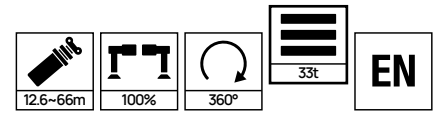
## 起升高度曲线 - 主臂







# LOAD CHART - T

## 性能表 - 主臂

Unit: t



 m	12.6m	12.6m	16.7m	20.9m	25.1m	29.3m	33.3m	37.4m	41.6m	45.5m	49.7m	53.8m	57.8m	61.7m	66m	 m
3	120*	70														3
3.5	76*	70	65.4	64.7	63											3.5
4	70	67	65.1	63.4	61.5	57.4										4
4.5	65	62.5	61	57.9	57	53.8										4.5
5	60	58.5	57.2	54	52.5	49.2	46.9									5
6	53.5	51.5	50.1	48.5	46.7	44.3	43	40.8								6
7	47.5	46	45.8	44.5	42.3	40.9	39	38.7	36.8							7
8	42	41.3	40.6	40.4	38.5	37.7	35.7	34.2	32.1	27.5						8
9	36.4	36	36.1	36.4	35.3	34.4	32.6	31.4	29.8	27.1	22.1					9
10	28	28	32	32.5	32.3	31.6	30.3	29.7	27.5	26.1	22					10
11			29	29.2	29.3	29	27.8	27	25.7	24.3	21.7	17.6	14.1			11
12			25.8	26.5	26.5	26.3	26	25.4	24	22.6	21.2	17.4	13.9	11.2	9	12
14			19.5	21.6	21.8	21.6	21.9	21.5	20.3	19.5	18.3	16.8	13.6	11	8.8	14
16				18.1	18.2	18.1	18.5	18.1	17.1	16.8	16.3	15.3	13.2	10.8	8.6	16
18				14.5	15.5	15.3	15.7	15.4	14.6	14.6	14	13.4	12.6	10.4	8.3	18
20					13.2	13.3	13.5	13.1	12.5	12.6	12.5	11.8	11	10	8	20
22					11.2	11.8	11.6	11.7	11.2	11	10.8	10.4	10	9.3	7.6	22
24						10.3	10.1	10.3	9.9	9.4	9.6	9.3	8.8	8.1	7	24
26						9.1	9	9	8.6	8.4	8.4	8	7.7	7.2	6.5	26
28							8.1	7.9	7.5	7.6	7.3	6.9	6.6	6.3	6.1	28
30							7.2	6.9	6.9	6.6	6.4	6	5.7	5.4	5.4	30
32								6.1	6.1	5.8	5.6	5.2	4.9	4.6	4.6	32
34								5.5	5.4	5.1	4.9	4.5	4.3	3.9	3.9	34
36									4.8	4.5	4.3	4	3.8	3.4	3.4	36
38									4.3	4	3.8	3.5	3.3	2.8	2.8	38
40										3.7	3.5	3.1	2.8	2.3	2.3	40
42										3.3	3.1	2.8	2.4	1.9	1.9	42
44											2.7	2.4	2	1.5	1.6	44
46												2.4	1.9	1.7	1.2	46
48													1.6	1.4	0.9	48
50														1.4	1.1	50
52															0.8	52
54																54
56																56
58																58
60																60
62																62
 m/s	14.3	14.3	14.3	14.3	14.3	14.3	14.3	12.8	12.8	11.1	11.1	9.9	9	9	9	 m/s

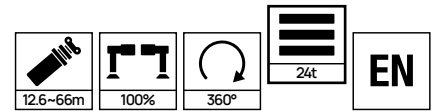
Remark: \* load over rear, requiring additional equipment.





备注: “\*” 特殊配置正后方吊载。

# LOAD CHART - T

## 性能表 - 主臂

Unit: t

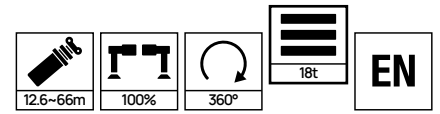






 m	12.6m	16.7m	20.9m	25.1m	29.3m	33.3m	37.4m	41.6m	45.5m	49.7m	53.8m	57.8m	61.7m	66m	 m
3	70														3
3.5	70	65.4	64.7	63											3.5
4	67	65.1	63.4	61.5	57.4										4
4.5	62.5	61	57.9	57	53.8										4.5
5	58.5	57.2	54	52.5	49.2	46.9									5
6	51.5	50.1	48.5	46.7	44.3	43	40.8								6
7	46	45.8	44.5	42.3	40.9	39	38.7	36.8							7
8	39	40.3	39.8	38.5	37.7	35.7	34.2	32.1	27.5						8
9	33.4	34.5	35.5	35.3	34.1	32.2	31.4	29.8	27.1	22.1					9
10	27.6	29.7	30.7	31.1	31	28.2	28.4	27.5	26	22					10
11		25.2	26.2	26.6	26.4	26.1	26.2	24.7	23.6	21.7	17.6	14.1			11
12		21.8	22.8	23.1	23	23.7	23.2	22.3	21.6	20.1	17.4	13.9	11.2	9	12
14		16.8	17.8	18	18.5	18.5	18.1	17.4	17.8	17.4	16.4	13.6	11	8.8	14
16			14.2	14.4	15.1	15	15.3	14.8	14.4	14.2	13.9	13.2	10.8	8.6	16
18			11.7	12	12.5	12.8	12.7	12.2	12	12.1	11.8	11.2	10.4	8.3	18
20				10.4	10.5	10.8	10.6	10.6	10.4	10.2	9.8	9.5	9	8	20
22				8.8	9	9.2	9.1	9.1	8.8	8.6	8.2	7.8	7.4	7.4	22
24					7.7	7.9	7.8	7.7	7.5	7.3	6.9	6.6	6.2	6.1	24
26					6.7	6.8	6.7	6.7	6.4	6.2	5.9	5.5	5.1	5.2	26
28						5.9	5.9	5.8	5.6	5.3	5	4.7	4.2	4.2	28
30						5.2	5.1	5	4.8	4.6	4.2	3.9	3.4	3.5	30
32							4.4	4.3	4.1	3.9	3.6	3.2	2.8	2.9	32
34							3.9	3.7	3.5	3.3	3	2.6	2.2	2.2	34
36								3.2	3	2.8	2.5	2.2	1.7	1.7	36
38								2.8	2.6	2.3	2	1.6	1.3	1.3	38
40									2.2	1.9	1.7	1.3	0.9	0.9	40
42									1.8	1.6	1.3	0.9		0.6	42
44										1.3	1	0.6			44
46										1	0.7				46
48															48
50															50
52															52
54															54
56															56
58															58
60															60
62															62
 m/s	14.3	14.3	14.3	14.3	14.3	14.3	12.8	12.8	11.1	11.1	9.9	9	9	9	 m/s

# LOAD CHART - T

## 性能表 - 主臂

Unit: t

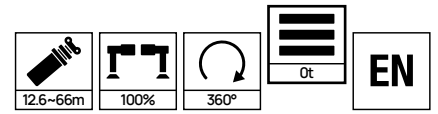






 m	12.6m	16.7m	20.9m	25.1m	29.3m	33.3m	37.4m	41.6m	45.5m	49.7m	53.8m	57.8m	61.7m	66m	 m
3	70														3
3.5	70	65.4	64.7	63											3.5
4	67	65.1	63.4	61.5	57.4										4
4.5	62.5	61	57.9	57	53.8										4.5
5	58.5	57.2	54	52.5	49.2	46.9									5
6	51.5	50.1	48.5	46.7	44.3	43	40.8								6
7	42.8	43.5	43.6	41.8	40.1	37.9	36.9	34.4							7
8	33.7	36	37.3	37.6	36	32.2	31.8	31	27.5						8
9	27.1	29	30.2	30.6	30.5	29.6	28.9	27.1	25.8	22.1					9
10	22.2	24.2	25.2	25.6	26.4	26.2	25.6	23.9	23.1	21.4					10
11		20.4	21.6	21.8	22.6	22.4	21.9	21.1	20.7	19.7	17.6	14.1			11
12		17.5	18.6	19	19.6	19.4	18.9	18.7	18.6	18.1	16.9	13.9	11.2	9	12
14		13.2	14.3	15.1	15.2	15.5	15.3	14.9	14.4	14.3	13.9	13.4	11	8.8	14
16			11.3	12	12.2	12.5	12.5	12.4	12.1	11.9	11.5	11.1	10.6	8.6	16
18			9.1	9.8	10	10.2	10.2	10.1	9.8	9.6	9.2	8.9	8.4	8.3	18
20				8.1	8.3	8.5	8.5	8.4	8.1	7.9	7.6	7.2	6.7	6.8	20
22				6.7	7	7.2	7	7	6.7	6.6	6.1	5.8	5.4	5.4	22
24					5.9	6	6	5.9	5.6	5.4	5.1	4.7	4.3	4.3	24
26					5	5.1	5	5	4.8	4.5	4.2	3.8	3.4	3.5	26
28						4.4	4.3	4.2	3.9	3.7	3.4	3.1	2.6	2.7	28
30						3.7	3.6	3.6	3.3	3.1	2.7	2.4	2	2	30
32							3	3	2.8	2.5	2.2	1.9	1.4	1.5	32
34							2.6	2.5	2.2	2.1	1.7	1.4	1	1	34
36								2.1	1.8	1.6	1.3	1	0.6	0.6	36
38								1.7	1.4	1.3	0.9	0.6			38
40									1.1	0.9	0.6				40
42									0.8	0.6					42
44															44
46															46
48															48
50															50
52															52
54															54
56															56
58															58
60															60
62															62
 m/s	14.3	14.3	14.3	14.3	14.3	14.3	12.8	12.8	11.1	11.1	9.9	9	9	9	 m/s

# LOAD CHART - T

## 性能表 - 主臂

Unit: t

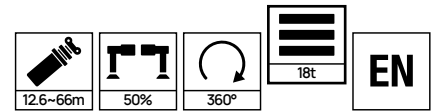






 m	12.6m	16.7m	20.9m	25.1m	29.3m	33.3m	37.4m	41.6m	45.5m	49.7m	53.8m	57.8m	61.7m	66m	 m
3	70														3
3.5	70	65.4	64.7	60.2											3.5
4	67	64.8	58.5	51.9	47.7										4
4.5	50.1	52.2	49.5	45.9	43										4.5
5	36.8	40.3	41.2	40	38.8	36.3									5
6	22.8	25.6	27.3	28.6	28.9	28.6	26.9								6
7	15.5	17.9	19.4	20.6	21	21.3	21.1	20.7							7
8	11	13.2	14.6	15.6	15.9	16.3	16.2	16.1	15.6						8
9	7.9	10.1	11.3	12.3	12.6	12.9	12.8	12.7	12.3	12					9
10	5.8	7.7	8.9	9.9	10.2	10.5	10.3	10.2	10	9.6					10
11		6	7.2	8.1	8.4	8.6	8.5	8.4	8.1	7.9	7.4	7			11
12		4.7	5.8	6.7	6.9	7.2	7.1	6.9	6.7	6.4	6	5.6	5.1	5.1	12
14		2.7	3.7	4.6	4.8	5	4.9	4.9	4.6	4.4	4	3.6	3.1	3.1	14
16			2.3	3.1	3.4	3.6	3.5	3.5	3.1	2.9	2.5	2.1	1.7	1.7	16
18			1.3	2.1	2.3	2.5	2.4	2.3	2.1	1.8	1.5	1.1	0.7	0.7	18
20				1.2	1.5	1.6	1.6	1.5	1.3	1.1	0.7				20
22				0.6	0.8	1	0.9	0.9	0.7						22
24															24
26															26
28															28
30															30
32															32
34															34
36															36
38															38
40															40
42															42
44															44
46															46
48															48
50															50
52															52
54															54
56															56
58															58
60															60
62															62
 m/s	14.3	14.3	14.3	14.3	14.3	14.3	12.8	12.8	11.1	11.1	9.9	9	9	9	 m/s

# LOAD CHART - T

## 性能表 - 主臂

Unit: t

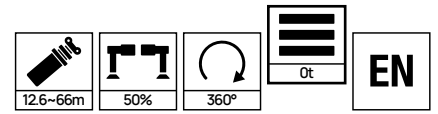






 m	12.6m	16.7m	20.9m	25.1m	29.3m	33.3m	37.4m	41.6m	45.5m	49.7m	53.8m	57.8m	61.7m	66m	 m
3	70														3
3.5	70	65.4	64.7	63											3.5
4	64.4	64.5	62.4	56.2	52.1										4
4.5	58.8	58.5	53.8	48.6	46.7										4.5
5	51.9	50.5	46.9	44.2	42	38.5									5
6	40.2	40.4	38.7	36.6	35.3	33.1	30.8								6
7	30.3	32.5	31.8	31	29.5	27.8	26	24.1							7
8	23.8	25.8	26.9	26.4	25.2	23.8	23.2	21.7	20.4						8
9	19.3	21.2	22.3	22.8	21.9	21.3	20.2	19	17.8	17.1					9
10	15.8	17.7	18.7	19.6	19.3	18.8	17.9	17.3	16.4	15.6					10
11		14.9	16	16.8	17.1	16.7	16.1	15.4	14.7	13.9	13.1	12.3			11
12		12.7	13.8	14.6	14.8	15	14.4	13.9	13.2	12.5	11.7	11	10.2	9	12
14		9.6	10.6	11.3	11.6	11.7	11.6	11.4	10.8	10.2	9.6	8.9	8.2	8	14
16			8.3	9	9.2	9.4	9.3	9.2	9	8.5	7.9	7.3	6.7	6.5	16
18			6.5	7.2	7.4	7.6	7.5	7.5	7.2	7	6.6	6	5.4	5.3	18
20				5.9	6.1	6.3	6.2	6.1	5.9	5.7	5.3	5	4.4	4.3	20
22				4.8	5	5.2	5.1	5	4.8	4.6	4.2	3.9	3.5	3.4	22
24					4.1	4.3	4.2	4.1	3.9	3.7	3.3	3	2.6	2.6	24
26					3.3	3.5	3.5	3.3	3.2	2.9	2.6	2.3	1.9	1.8	26
28						2.9	2.8	2.8	2.5	2.3	2	1.7	1.2	1.2	28
30							2.4	2.3	2.3	2	1.8	1.5	1.1	0.7	30
32								1.9	1.8	1.5	1.3	1	0.7		32
34								1.4	1.4	1.2	0.9	0.6			34
36									1	0.8	0.6				36
38										0.7					38
40															40
42															42
44															44
46															46
48															48
50															50
52															52
54															54
56															56
58															58
60															60
62															62
 m/s	14.3	14.3	14.3	14.3	14.3	14.3	12.8	12.8	11.1	11.1	9.9	9	9	9	 m/s

# LOAD CHART - T

## 性能表 - 主臂

Unit: t

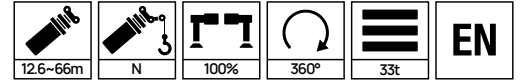






 m	12.6m	16.7m	20.9m	25.1m	29.3m	33.3m	37.4m	41.6m	45.5m	49.7m	53.8m	57.8m	61.7m	66m	 m
3	62.6														3
3.5	47	42.5	39.7	36.7											3.5
4	35.1	35.1	32.9	30.9	28.5										4
4.5	26	29	27.9	26.5	24.7										4.5
5	20.2	22.8	24	23.1	21.7	20.4									5
6	13	15.3	16.7	17.9	17.2	16.4	15.3								6
7	8.7	10.9	12.1	13.1	13.4	13.5	12.6	11.9							7
8	5.9	7.9	9.1	10	10.3	10.6	10.5	10	9.2						8
9	3.9	5.8	7	7.8	8.2	8.4	8.3	8.2	7.8	7.2					9
10	2.4	4.3	5.4	6.2	6.5	6.7	6.6	6.6	6.3	6					10
11		3.1	4.2	5	5.2	5.5	5.3	5.3	5	4.8	4.3	3.9			11
12		2.1	3.2	4	4.2	4.4	4.3	4.3	4	3.7	3.3	3	2.5	2.5	12
14		0.7	1.7	2.5	2.7	2.9	2.8	2.8	2.5	2.3	1.9	1.5	1.1	1.1	14
16			0.7	1.4	1.6	1.8	1.8	1.6	1.4	1.2	0.8				16
18				0.6	0.8	1	0.9	0.9	0.6						18
20															20
22															22
24															24
26															26
28															28
30															30
32															32
34															34
36															36
38															38
40															40
42															42
44															44
46															46
48															48
50															50
52															52
54															54
56															56
58															58
60															60
62															62
 m/s	14.3	14.3	14.3	14.3	14.3	14.3	12.8	12.8	11.1	11.1	9.9	9	9	9	 m/s

# LOAD CHART - TN

## 性能表 - 臂尖滑轮

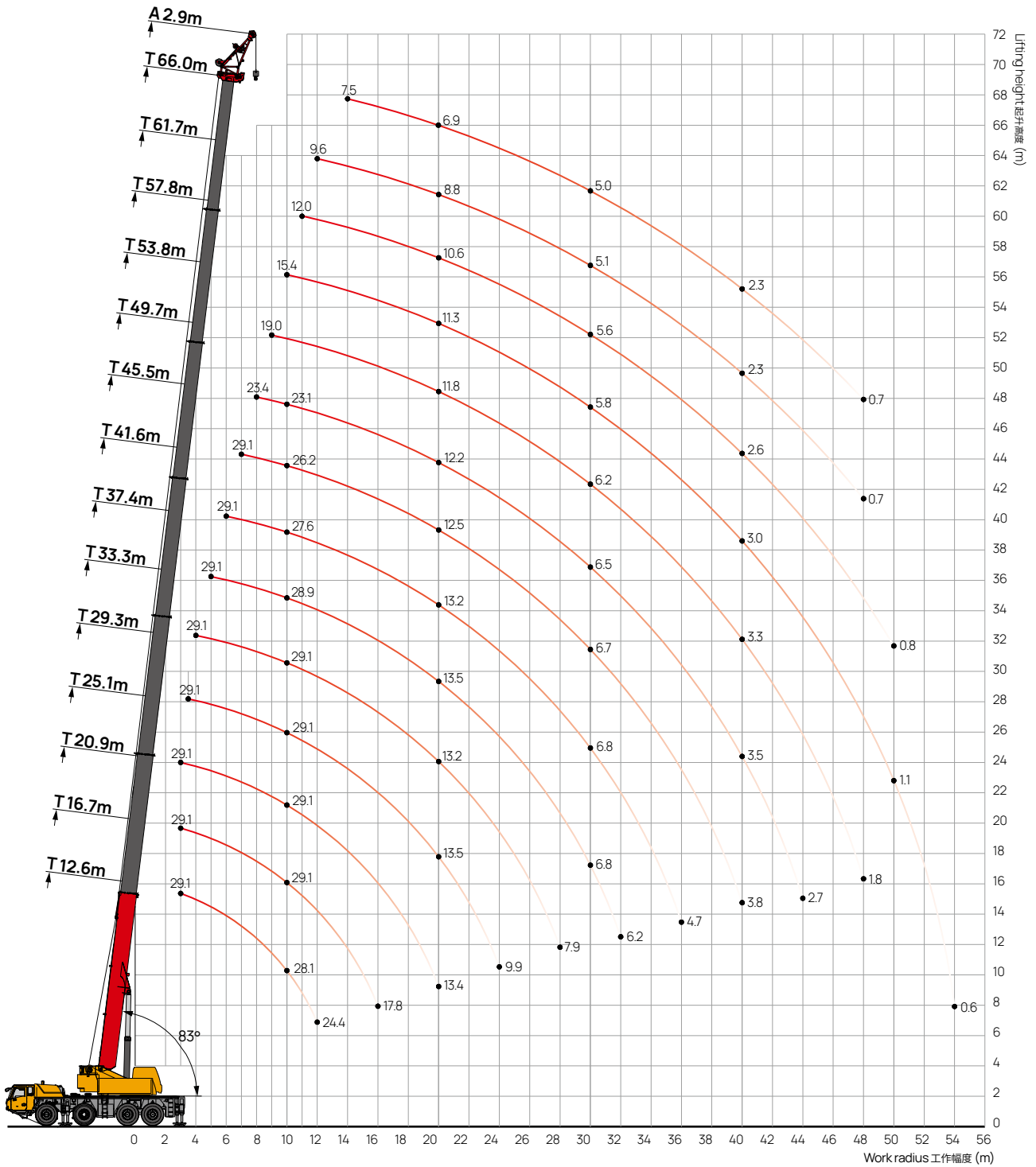
Unit: t



 m	12.6m	16.7m	20.9m	25.1m	29.3m	33.3m	37.4m	41.6m	45.5m	49.7m	53.8m	57.8m	61.7m	66m	 m
3	8														3
3.5	8	8	8	8											3.5
4	8	8	8	8	8										4
4.5	8	8	8	8	8										4.5
5	8	8	8	8	8	8									5
6	8	8	8	8	8	8	8								6
7	8	8	8	8	8	8	8	8							7
8	8	8	8	8	8	8	8	8	8						8
9	8	8	8	8	8	8	8	8	8	8					9
10	8	8	8	8	8	8	8	8	8	8					10
11		8	8	8	8	8	8	8	8	8	8	8			11
12		8	8	8	8	8	8	8	8	8	8	8	8	7	12
14		8	8	8	8	8	8	8	8	8	8	8	8	7	14
16			8	8	8	8	8	8	8	8	8	8	8	7	16
18			8	8	8	8	8	8	8	8	8	8	8	7	18
20				8	8	8	8	8	8	8	8	8	8	7	20
22				8	8	8	8	8	8	8	8	8	8	7	22
24					8	8	8	8	8	8	8	8	8	7	24
26					8	8	8	8	8	8	7.8	7.4	7	6.5	26
28						7.7	7.5	7.5	7.3	7.1	6.7	6.4	6	6.1	28
30						6.8	6.6	6.7	6.4	6.2	5.9	5.5	5.1	5.1	30
32							6	5.8	5.7	5.4	5.1	4.7	4.4	4.4	32
34							5.2	5.2	5	4.8	4.4	4.1	3.6	3.7	34
36								4.6	4.4	4.2	3.8	3.5	3.1	3.1	36
38								4.1	3.9	3.6	3.3	3	2.6	2.6	38
40									3.4	3.2	2.8	2.5	2.1	2.1	40
42									2.9	2.7	2.4	2.1	1.7	1.7	42
44										2.4	2	1.7	1.3	1.3	44
46										2	1.7	1.4	1	1	46
48											1.4	1.1	0.7	0.7	48
50											1.1	0.8			50
52															52
54															54
56															56
58															58
60															60
62															62
 m/s	9	9	9	9	9	9	9	9	9	9	9	9	9	9	 m/s

# OPERATING RANGE - TA

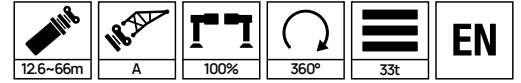
## 起升高度曲线 - 鹅头臂



# LOAD CHART - TA

## 性能表 - 鹅头臂

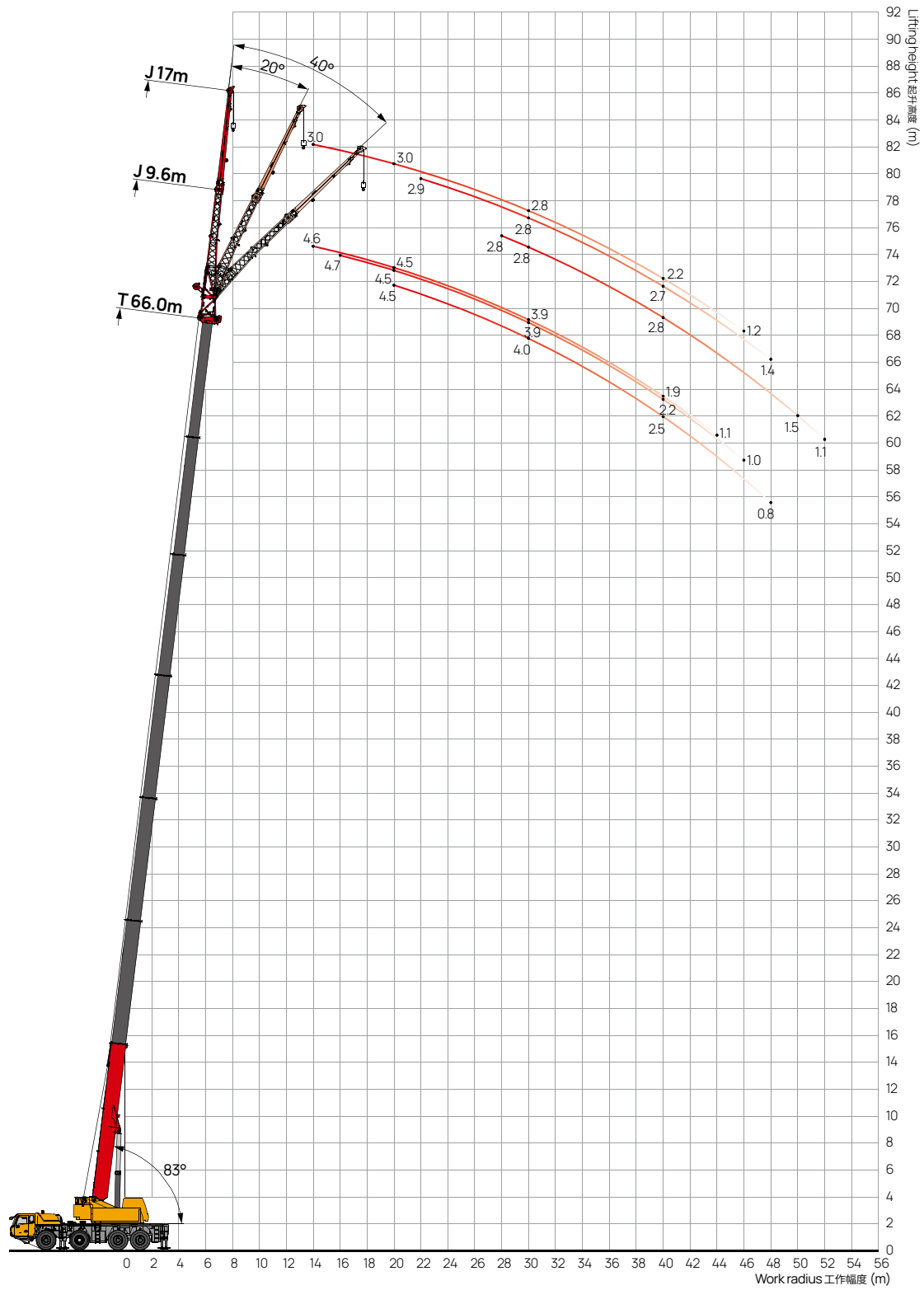
Unit: t



m	12.6m	16.7m	20.9m	25.1m	29.3m	33.3m	37.4m	41.6m	45.5m	49.7m	53.8m	57.8m	61.7m	66m	m
	2.9m														
3	29.1	29.1	29.1												3
3.5	29.1	29.1	29.1	29.1											3.5
4	29.1	29.1	29.1	29.1	29.1										4
4.5	29.1	29.1	29.1	29.1	29.1										4.5
5	29.1	29.1	29.1	29.1	29.1	29.1									5
6	29.1	29.1	29.1	29.1	29.1	29.1	29.1								6
7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1							7
8	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29	23.4						8
9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	27.9	23.3	19					9
10	28.1	29.1	29.1	29.1	29.1	28.9	27.6	26.2	23.1	18.9	15.4				10
11	27.3	28.9	29	28.7	28.2	27.2	25.6	24.3	22.7	18.8	15.3	12			11
12	24.4	26.2	26.3	26.8	26.4	25.4	23.9	22.6	21.3	18.5	15.1	11.9	9.6		12
14		21.4	21.8	22	21.9	21.5	20.3	19.5	18.9	17.7	14.7	11.7	9.5	7.5	14
16		17.8	18.4	18.5	18.3	17.4	17.4	17	16.1	15.2	14.2	11.4	9.3	7.4	16
18			15.6	15.7	15.5	15.2	15.5	14.4	14	13.5	12.6	11	9.1	7.2	18
20			13.4	13.5	13.2	13.5	13.2	12.5	12.2	11.8	11.3	10.6	8.8	6.9	20
22				11.5	11.3	11.7	11.3	11.1	10.8	10.6	9.9	9.3	8.4	6.6	22
24				9.9	10	10.1	9.7	9.8	9.4	9.2	8.7	8.4	7.8	6.3	24
26					9	8.8	8.8	8.4	8.1	8.1	7.9	7.5	6.9	5.9	26
28					7.9	7.7	7.8	7.4	7.2	7.2	6.8	6.5	6	5.6	28
30						6.8	6.8	6.7	6.5	6.2	5.8	5.6	5.1	5	30
32						6.2	6	6	5.7	5.4	5	4.7	4.4	4.3	32
34							5.3	5.3	4.9	4.7	4.3	4.1	3.8	3.7	34
36							4.7	4.6	4.3	4.1	3.8	3.6	3.3	3.2	36
38								4.1	3.9	3.7	3.4	3.1	2.7	2.7	38
40								3.8	3.5	3.3	3	2.6	2.3	2.3	40
42									3.1	2.8	2.5	2.2	1.8	1.8	42
44									2.7	2.5	2.2	1.8	1.4	1.4	44
46										2.1	1.7	1.5	1.1	1.1	46
48										1.8	1.4	1.1	0.7	0.7	48
50											1.1	0.8			50
52												0.9			52
54													0.6		54
56															56
58															58
60															60
62															62
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	

# OPERATING RANGE - TJ/TH

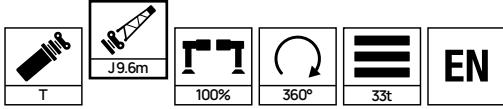
起升高度曲线 - 主臂 + 副臂



# LOAD CHART - TJ/TH

## 性能表 - 主臂 + 副臂

Unit: t

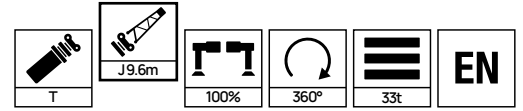


m	12.6m			37.1m			41.3m			45.5m			49.7m			m
	0°	20°	40°	0°	20°	40°	J9.6m			0°	20°	40°	0°	20°	40°	
3	14.8															3
3.5	14.8															3.5
4	14.8															4
4.5	14.8	14.8														4.5
5	14.8	14.8														5
6	14.8	14.1														6
7	14.4	12.9	10	14.8												7
8	13.3	12	9.4	14.8			14.8									8
9	12.1	11.1	9	14.8	14.8		14.8			14.7						9
10	10.9	10.4	8.5	14.8	14.6		14.8	14		14.6						10
11	10	9.8	8.2	14.8	14.2		14.8	13.7		14.5	12.9		12.3			11
12	9.2	9.3	7.9	14.8	13.7	9.6	14.8	13.4		14.3	12.6		12.2			12
14	7.9	8.4	7.5	14.8	12.7	9.1	14.8	12.8	9.2	13.9	12.1	9.2	12	11		14
16	6.8	7.7	7.2	14.7	11.8	8.7	14.5	12	8.8	13.5	11.7	8.8	11.8	10.7	8.7	16
18	6	6.9		13.7	11.1	8.4	13.2	11.2	8.5	12.4	11.2	8.5	11.5	10.4	8.4	18
20				12.1	10.4	8.1	11.3	10.6	8.2	11	10.6	8.2	10.1	10.2	8.2	20
22				10.4	9.8	7.9	9.8	10	8	9.4	9.9	8	9.1	9.4	8	22
24				8.8	9.3	7.7	8.4	9	7.8	8.2	8.8	7.8	8	8.5	7.8	24
26				7.6	8.1	7.5	7	7.7	7.6	7	7.6	7.5	6.9	7.5	7.5	26
28				6.5	7	7.2	6	6.5	6.9	5.9	6.4	6.8	5.9	6.5	6.9	28
30				5.6	5.9	6.2	5.3	5.6	5.9	5.4	5.5	5.8	5.5	5.5	5.9	30
32				4.8	5.1	5.3	4.9	4.8	5	5	4.9	5	5.1	5	5	32
34				4.2	4.3	4.5	4.5	4.5	4.5	4.7	4.6	4.6	4.5	4.7	4.7	34
36				3.9	3.9		4.2	4.2	4.3	4.2	4.4	4.4	4	4.2	4.4	36
38				3.7	3.7		4	4	4.1	3.8	4	4.1	3.5	3.8	3.9	38
40				3.5	3.5		3.6	3.8		3.3	3.5	3.6	3	3.3	3.4	40
42				3.3	2.1		3.2	3.3		2.9	3.1	1.8	2.6	2.8	3	42
44				1.6			2.7	2.9		2.5	2.7		2.2	2.4	2.5	44
46							2.4	0.9		2.2	2.2		1.8	2		46
48							2.1			1.8	1.9		1.5	1.7		48
50										1.5			1.2	1.3		50
52										1.3			1	1.1		52
54													0.7			54
56																56
58																58
60																60
62																62
64																64
66																66
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	

# LOAD CHART - TJ/TH

## 性能表 - 主臂 + 副臂

Unit: t

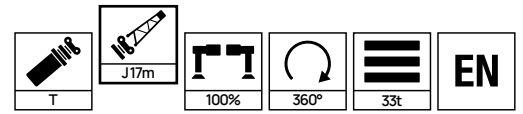


Jib Length (m)	53.8m			57.8m			61.7m			66m			Jib Length (m)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
3													3
3.5													3.5
4													4
4.5													4.5
5													5
6													6
7													7
8													8
9													9
10													10
11				8									11
12	10			8			5.8						12
14	9.9	9.2		7.9	7.4		5.8			4.6			14
16	9.6	9.1		7.7	7.3		5.8	5.9		4.6	4.7		16
18	9.4	9	8.2	7.5	7.2	6.9	5.8	5.7		4.5	4.6		18
20	9.1	8.9	8	7.3	7.1	6.9	5.7	5.6	5.6	4.5	4.5	4.5	20
22	8.4	8.7	7.8	7.1	7	6.9	5.6	5.5	5.6	4.4	4.4	4.5	22
24	7.5	7.9	7.7	6.8	6.9	6.8	5.4	5.4	5.4	4.3	4.3	4.4	24
26	6.8	6.9	7.2	6.1	6.6	6.6	5.3	5.2	5.2	4.2	4.2	4.2	26
28	5.9	6.4	6.5	5.4	5.9	6.2	5.1	5	5	4	4	4.1	28
30	5.5	5.6	5.9	5.1	5.1	5.5	4.7	4.8	4.8	3.9	3.9	4	30
32	4.8	5	5.1	4.5	4.8	4.7	4.1	4.4	4.6	3.7	3.8	3.9	32
34	4.1	4.5	4.7	3.9	4.3	4.4	3.5	3.9	4.2	3.3	3.7	3.8	34
36	3.7	3.9	4.1	3.3	3.7	3.9	2.9	3.3	3.6	2.8	3.2	3.5	36
38	3.2	3.4	3.6	2.8	3.1	3.4	2.4	2.8	3	2.4	2.7	3	38
40	2.7	3	3.2	2.4	2.6	2.9	1.9	2.2	2.5	1.9	2.2	2.5	40
42	2.3	2.5	2.6	1.8	2.2	2.4	1.5	1.8	2	1.5	1.7	2	42
44	1.9	2.1	2.2	1.5	1.7	1.9	1.1	1.4	1.5	1.1	1.3	1.6	44
46	1.5	1.7	1.8	1.2	1.4	1.5	0.8	1	1.2		1	1.2	46
48	1.2	1.4	1.4	0.8	1	1.1		0.7	0.8			0.8	48
50	0.9	1.1			0.7	0.8							50
52	0.6	0.8											52
54													54
56													56
58													58
60													60
62													62
64													64
66													66
ms	9	9	9	9	9	9	9	9	9	9	9	9	ms

# LOAD CHART - TJ/TH

## 性能表 - 主臂 + 副臂

Unit: t

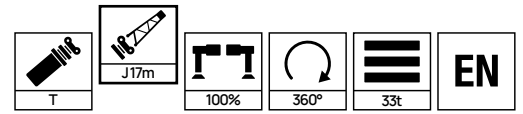


m	12.6m			37.1m			41.3m			45.5m			49.7m			m
	J17m															
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
3																3
3.5	7															3.5
4	7															4
4.5	6.9															4.5
5	6.8															5
6	6.5															6
7	6.2															7
8	5.9			6.5												8
9	5.6	4.7		6.5			6.3									9
10	5.3	4.5		6.5			6.3			6						10
11	5	4.3		6.5			6.3			6			5.5			11
12	4.8	4.1		6.5			6.3			6			5.5			12
14	4.3	3.9	3.5	6.2	4.6		6.1	4.6		5.9			5.5			14
16	4	3.7	3.3	5.9	4.3		5.8	4.4		5.7	4.3		5.3	4.3		16
18	3.7	3.5	3.2	5.5	4.2	3.5	5.5	4.2		5.4	4.2		5.2	4.1		18
20	3.4	3.3	3.1	5.2	4	3.4	5.3	4.1	3.4	5.2	4	3.4	5	4		20
22	3.1	3.2	3.1	4.9	3.9	3.3	5	3.9	3.3	5	3.9	3.3	4.8	3.9	3.3	22
24	2.9	3.1	3.1	4.7	3.8	3.3	4.7	3.8	3.3	4.7	3.8	3.3	4.6	3.8	3.3	24
26	2.6	3.1		4.4	3.7	3.2	4.5	3.7	3.2	4.5	3.7	3.2	4.4	3.7	3.2	26
28				4.2	3.6	3.1	4.3	3.6	3.2	4.4	3.6	3.2	4.3	3.6	3.2	28
30				4.1	3.5	3.1	4.1	3.5	3.1	4.2	3.5	3.1	4.2	3.5	3.1	30
32				3.9	3.4	3.1	4	3.4	3.1	4.1	3.5	3.1	4	3.4	3.1	32
34				3.7	3.3	3.1	3.9	3.4	3.1	3.9	3.4	3.1	3.9	3.4	3.1	34
36				3.5	3.3	3.1	3.7	3.3	3.1	3.6	3.3	3.1	3.6	3.3	3.1	36
38				3.4	3.2	3.1	3.3	3.3	3.1	3.4	3.3	3.1	3.5	3.3	3.1	38
40				3.2	3.2	3.1	3.1	3.2	3.1	3.2	3.2	3.1	3.3	3.1	3.1	40
42				2.9	3.1	3.1	3	3.1	3.1	3.1	3.1	3.1	3	3.1	3	42
44				2.8	2.8		2.9	3	3	2.9	3	3	2.7	3	3	44
46				2.6	2.7		2.8	2.8	2.9	2.8	2.9	3	2.4	2.7	2.9	46
48				2.5	2.5		2.6	2.7		2.4	2.6	2.8	2.2	2.4	2.6	48
50				2.4			2.4	2.6		2.1	2.4		1.9	2.2	2.3	50
52							2.2	2.3		1.9	2.1		1.6	1.8	1.9	52
54							2			1.6	1.8		1.4	1.6		54
56										1.4	1.5		1.1	1.3		56
58										1.2			0.9	1		58
60																60
62																62
64																64
66																66
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	

# LOAD CHART - TJ/TH

## 性能表 - 主臂 + 副臂

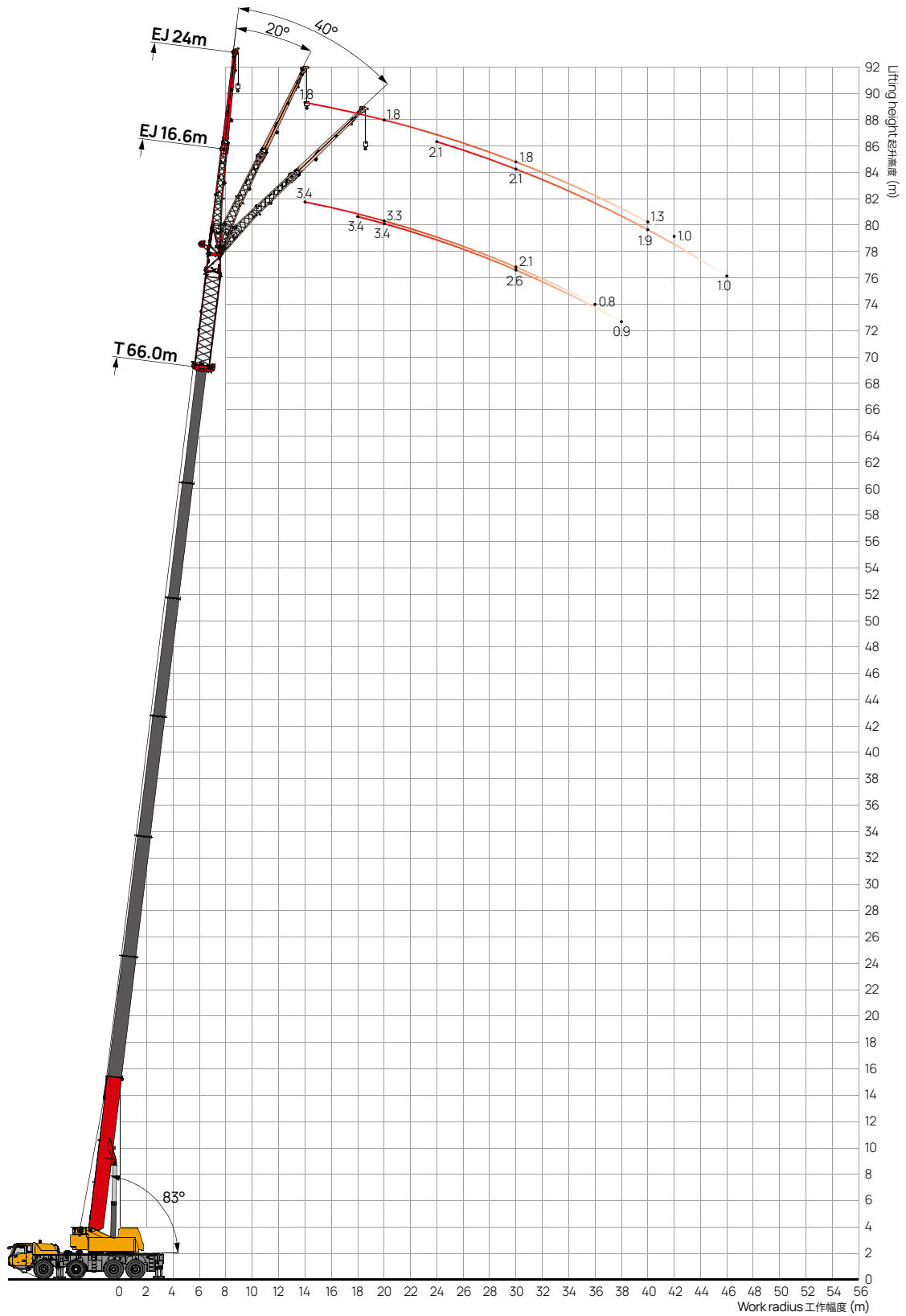
Unit: t



Jib Length (m)	53.8m			57.8m			61.7m			66m			Jib Length (m)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
3													3
3.5													3.5
4													4
4.5													4.5
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12				4.3									12
14	4.9			4.3			3.7			3			14
16	4.9			4.3			3.7			3			16
18	4.7	4		4.2	3.8		3.6			3			18
20	4.6	3.9		4.2	3.8		3.5	3.3		3			20
22	4.5	3.8	3.3	4.1	3.7		3.5	3.3		3	2.9		22
24	4.4	3.7	3.2	4.1	3.6	3.2	3.4	3.3		2.9	2.8		24
26	4.3	3.6	3.2	4	3.5	3.1	3.4	3.3	3.1	2.9	2.8		26
28	4.2	3.6	3.2	3.9	3.5	3.1	3.3	3.3	3	2.8	2.8	2.8	28
30	4	3.5	3.1	3.9	3.4	3.1	3.2	3.3	3	2.8	2.8	2.8	30
32	3.9	3.4	3.1	3.8	3.3	3.1	3.2	3.2	3	2.7	2.8	2.8	32
34	3.8	3.4	3.1	3.6	3.3	3	3.2	3.2	3	2.7	2.8	2.8	34
36	3.5	3.3	3.1	3.5	3.2	3	3.1	3.1	3	2.7	2.8	2.8	36
38	3.4	3.2	3	3.1	3.2	3	2.7	3.1	3	2.5	2.8	2.8	38
40	3.1	3.1	3	2.8	3.1	3	2.3	2.8	3	2.2	2.7	2.8	40
42	2.7	3	3	2.5	2.9	3	2	2.5	2.9	1.8	2.4	2.7	42
44	2.4	2.8	3	2.1	2.5	2.8	1.7	2.2	2.6	1.5	2	2.5	44
46	2.1	2.5	2.7	1.8	2.2	2.5	1.3	1.8	2.2	1.2	1.7	2.1	46
48	1.8	2.2	2.4	1.4	1.9	2.2	1	1.5	1.8		1.4	1.8	48
50	1.5	1.9	2	1.2	1.5	1.8		1.2	1.5			1.5	50
52	1.3	1.6	1.7	0.9	1.3	1.4			1.1			1.1	52
54	1	1.2	1.4		1	1.2			0.8				54
56	0.8	1			0.7	0.9							56
58		0.8											58
60													60
62													62
64													64
66													66
ms	9	9	9	9	9	9	9	9	9	9	9	9	ms

# OPERATING RANGE - TEJ/TEH

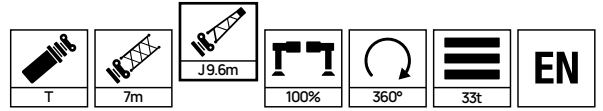
起升高度曲线 - 主臂 + 主臂延伸节 + 副臂



# LOAD CHART - TEJ/TEH

## 性能表 - 主臂 + 主臂延伸节 + 副臂

Unit: t

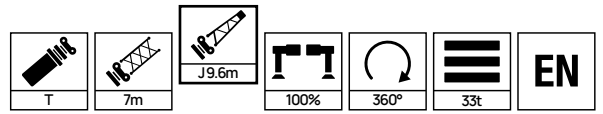


Jib Height (m)	12.6m			37.1m			41.3m			45.5m			49.7m			Jib Height (m)
	0°	20°	40°	0°	20°	40°	EJ 7m+9.6m			0°	20°	40°	0°	20°	40°	
3																3
3.5																3.5
4																4
4.5																4.5
5																5
6																6
7																7
8	10															8
9	9.4	8.8	8.3	12.6			11.6						7.4			9
10	8.8	8.3	7.9	12.3			11.4			10.2			7.4			10
11	8.3	7.8	7.5	11.9			11.1			10.1			7.4			11
12	7.9	7.4	7	11.5			10.8			9.9			7.4			12
14	7.1	6.7	6.5	10.7	9.2		10.3	9		9.5	8.5		7.4	7.4		14
16	6.3	6.1	5.9	10	8.7	7.7	9.7	8.5	7.6	9.1	8.1	7.4	7.4	7.1		16
18	5.7	5.5	5.4	9.3	8.1	7.3	8.7	8	7.2	8.2	7.7	7	7.3	6.9	6.5	18
20	5.2	5	5	8.1	7.7	7	7.4	7.6	6.9	7.1	7.3	6.7	6.7	6.6	6.2	20
22	4.7	4.6	4.7	6.9	7.2	6.6	6.2	6.9	6.6	5.9	6.6	6.4	5.8	6.1	6	22
24	4.4	4.3		5.9	6.5	6.3	5.3	5.9	6.2	5	5.6	6	4.9	5.6	5.7	24
26	4.1			4.9	5.4	5.8	4.6	5	5.4	4.5	4.7	5.2	4.4	4.7	5.2	26
28				4.2	4.5	4.8	4.4	4.2	4.5	4.2	4.2	4.3	4.1	4.1	4.3	28
30				4	4	4.1	4.1	4	4	3.9	4	3.9	3.7	3.9	3.9	30
32				3.7	3.7	3.8	3.7	3.8	3.8	3.4	3.7	3.8	3.2	3.5	3.7	32
34				3.4	3.5	3.5	3.2	3.5	3.6	3	3.2	3.4	2.7	3	3.2	34
36				3	3.2	3.3	2.8	3	3.2	2.6	2.8	3	2.3	2.6	2.8	36
38				2.6	2.8	2.9	2.5	2.7	2.8	2.2	2.4	2.6	2	2.2	2.4	38
40				2.3	2.5	2.6	2.2	2.3	2.5	1.9	2.1	2.2	1.6	1.9	2	40
42				2	2.2		1.9	2	2.1	1.6	1.8	1.9	1.3	1.6	1.7	42
44				1.8	1.9		1.6	1.8	1.8	1.3	1.5	1.6	1	1.2	1.4	44
46				1.5	1.6		1.3	1.5		1	1.2	1.3		1	1.1	46
48				1.3	1.3		1.1	1.2			1				0.8	48
50				1			0.9	1								50
52																52
54																54
56																56
58																58
60																60
62																62
64																64
66																66
ms	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	ms

# LOAD CHART - TEJ/TEH

## 性能表 - 主臂 + 主臂延伸节 + 副臂

Unit: t

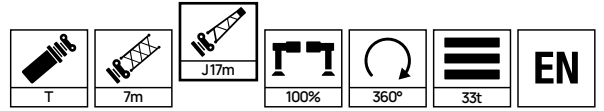


m	53.8m			57.8m			61.7m			66m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
3													3
3.5													3.5
4													4
4.5													4.5
5													5
6													6
7													7
8													8
9													9
10	6.3												10
11	6.3			5.2									11
12	6.3			5.2			4.1						12
14	6.3			5.2			4.1			3.4			14
16	6.3	6.2		5.2	5.1		4.1			3.4			16
18	6.3	6	5.9	5.1	5		4	4.1		3.4	3.4		18
20	6.1	5.8	5.6	5	4.9	4.8	4	4	3.9	3.3	3.4		20
22	5.5	5.6	5.5	4.8	4.8	4.8	4	3.9	3.8	3.3	3.3		22
24	4.8	5.1	5.3	4.2	4.7	4.7	3.9	3.8	3.8	3.2	3.3		24
26	4.3	4.6	4.9	3.9	4	4.4	3.4	3.8	3.8	3.1	3.2		26
28	3.9	4	4.3	3.3	3.7	3.9	2.8	3.3	3.7	2.6	3.1		28
30	3.3	3.7	3.8	2.8	3.3	3.6	2.3	2.8	3.2	2.1	2.6		30
32	2.8	3.2	3.5	2.3	2.7	3.1	1.8	2.3	2.6	1.7	2.1		32
34	2.3	2.7	3	1.9	2.3	2.6	1.4	1.8	2.1	1.3	1.7		34
36	1.9	2.2	2.5	1.5	1.8	2.2	0.9	1.4	1.7	0.8	1.3		36
38	1.5	1.9	2.1	1.1	1.4	1.7		1	1.3		0.9		38
40	1.2	1.5	1.7		1.1	1.4			0.9				40
42	0.8	1.1	1.3			1							42
44		0.8	1										44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
60													60
62													62
64													64
66													66
	9	9	9	9	9	9	9	9	9	9	9	9	

# LOAD CHART - TEJ/TEH

## 性能表 - 主臂 + 主臂延伸节 + 副臂

Unit: t

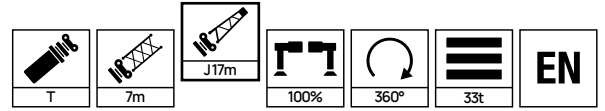


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	EJ 7m+17m															
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3																3
3.5																3.5
4																4
4.5																4.5
5	6.1															5
6	6															6
7	5.8															7
8	5.7															8
9	5.5															9
10	5.3	4.5		5.3												10
11	5.1	4.3		5.3			5.1			4.8						11
12	5	4.2		5.3			5.1			4.8						12
14	4.6	4		5.3	4.5		5.1			4.8	4.2		4.4			14
16	4.3	3.8	3.4	5.3	4.3		5.1	4.3		4.8	4.1		4.4			16
18	4.1	3.6	3.3	5.3	4.2		5.1	4.1		4.8	4		4.4	4		18
20	3.8	3.5	3.2	5.1	4	3.4	5	4	3.4	4.7	3.9	3.3	4.4	3.9		20
22	3.6	3.4	3.1	4.9	3.9	3.3	4.8	3.9	3.3	4.5	3.8	3.3	4.3	3.8		22
24	3.3	3.2	3.1	4.6	3.8	3.3	4.6	3.8	3.3	4.4	3.7	3.2	4.2	3.7	3.2	24
26	3.1	3.1	3.1	4.5	3.7	3.2	4.5	3.7	3.2	4.2	3.6	3.2	4.1	3.6	3.2	26
28	2.9	2.9	3	4.3	3.6	3.2	4.3	3.6	3.2	4	3.5	3.1	4	3.6	3.2	28
30	2.8	2.6		4.1	3.5	3.2	4.1	3.5	3.2	3.8	3.5	3.1	3.8	3.5	3.1	30
32	2.6	2.6		4	3.5	3.1	4	3.5	3.1	3.5	3.4	3.1	3.6	3.4	3.1	32
34	2.4			3.8	3.4	3.1	3.6	3.4	3.1	3	3.3	3.1	3.3	3.3	3.1	34
36				3.5	3.3	3.1	3.2	3.3	3.1	2.8	3.1	3.1	2.9	3.2	3.1	36
38				3.1	3.2	3.1	2.8	3.2	3.1	2.6	2.7	3	2.8	3	3	38
40				2.7	3.1	3	2.6	2.8	3	2.5	2.5	2.7	2.6	2.6	2.9	40
42				2.4	2.8	3	2.5	2.5	2.8	2.4	2.4	2.4	2.4	2.5	2.6	42
44				2.3	2.4	2.7	2.4	2.4	2.4	2.1	2.3	2.3	2.1	2.4	2.4	44
46				2.2	2.2	2.3	2.3	2.3	2.3	1.8	2.1	2.3	1.8	2.2	2.3	46
48				2	2.1	2.1	2.1	2.2	2.2	1.6	1.9	2	1.6	1.9	2.2	48
50				1.9	2		1.9	2.1	2.1	1.4	1.6	1.8	1.4	1.7	1.9	50
52				1.8	1.9		1.6	1.9		1.1	1.4	1.5	1.1	1.4	1.6	52
54				1.6	1.8		1.4	1.6		0.9	1.2	1.3	0.9	1.2	1.4	54
56				1.4			1.2	1.4			0.9			1	1.1	56
58				1.2			1	1.2								58
60							0.8									60
62																62
64																64
66																66
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	

# LOAD CHART - TEJ/TEH

## 性能表 - 主臂 + 主臂延伸节 + 副臂

Unit: t





























































m	53.8m			57.8m			61.7m			66m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
3													3
3.5													3.5
4													4
4.5													4.5
5													5
6													6
7													7
8													8
9													9
10													10
11	3.9												11
12	3.9			3.3									12
14	3.9			3.3			2.5			1.8			14
16	3.9			3.3			2.5			1.8			16
18	3.9			3.3			2.5			1.8			18
20	3.9	3.7		3.3	3.1		2.5			1.8			20
22	3.9	3.6		3.3	3.1		2.5	2.5		1.8			22
24	3.8	3.6	3.2	3.2	3		2.5	2.5		1.8	2.1		24
26	3.7	3.5	3.1	3.2	3	2.9	2.5	2.5		1.8	2.1		26
28	3.6	3.4	3.1	3.1	3	2.9	2.5	2.4	2.4	1.8	2.1		28
30	3.5	3.3	3.1	3.1	3	2.9	2.5	2.4	2.4	1.8	2.1		30
32	3.3	3.2	3.1	3	3	2.9	2.4	2.4	2.4	1.8	2.1		32
34	3.1	3.2	3	2.7	2.9	2.8	2.4	2.4	2.4	1.8	2.1		34
36	2.8	3	3	2.6	2.8	2.8	2.2	2.4	2.4	1.7	2		36
38	2.7	2.9	2.9	2.3	2.6	2.7	1.8	2.3	2.4	1.7	2		38
40	2.4	2.6	2.8	2	2.5	2.5	1.5	2.1	2.3	1.3	1.9		40
42	2	2.5	2.6	1.6	2.2	2.4	1.2	1.7	2.2	1	1.6		42
44	1.7	2.2	2.4	1.3	1.8	2.3	0.9	1.4	1.9		1.3		44
46	1.5	1.9	2.2	1.1	1.5	1.9		1.1	1.5		1		46
48	1.2	1.6	1.9		1.3	1.6		0.8	1.2				48
50	0.9	1.4	1.6		1	1.3			0.9				50
52		1.1	1.4			1							52
54		0.8	1.1										54
56			0.8										56
58													58
60													60
62													62
64													64
66													66
ms	9	9	9	9	9	9	9	9	9	9	9	9	ms

**Remark 备注:**

- The working radius is the horizontal gravity center distance of the load from the slewing axis of the crane superstructure measured at the ground. The radius stated is valid under load conditions, i.e. including boom deflection.
  - Boom positions differing from those given in the load capacity tables are not permissible.
  - The boom may only be manoeuvred into those areas specified in the load chart, even if empty load is suspended, otherwise there is a risk of the crane tilting.
  - The total rated loads given in the rated load charts are the maximum lifting capacity when the crane is set up on firm and level ground, which includes the weight of the hook block and slings. The weight of above-mentioned devices should be deducted to correctly calculate the load weight.
- 工作半径是指从上车回转轴到货物重心的在地面测量的水平距离。半径在吊载货物的情况下是有效的，已包括主臂挠度。
  - 与性能表中不一致的臂长设置是不允许的。
  - 主臂操作只允许在工况注明的范围内进行，包括空载，否则有倾翻的危险。
  - 表中额定总起重重量值，是在平整的坚固地面上本起动机能保证的最大总起重重量，包括吊钩和吊具的重量，为了估算重物重量，必须减去上述的装置重量。

# ICON DESCRIPTION

## 图标说明

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

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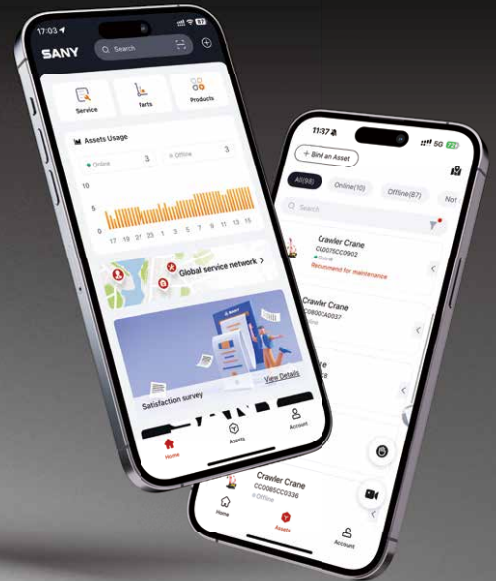
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