

SPECIFICATION



 50 t

 44.5 m

 59 m

STC500T

SANY TRUCK CRANE

台灣經銷商：宜宗重機械有限公司

宏江重機械企業有限公司

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QUALITY CHANGES THE WORLD

www.sanyglobal.com

QUALITY CHANGES THE WORLD

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.

三一集團旗下核心事業部，從事高端輪式起重機、履帶起重機、塔式起重機系列產品的研發製造。

BETTER WORLD, BETTER SANY CRANE

SANY CRANE

QUALITY CHANGES THE WORLD



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Excellent Performance

性能卓越

5 section U shape telescopic boom, large cross section, high rigidity PE slider used, smooth telescoping motions without shock. Chamfered counterweight design for smaller slewing radius. Powered by robust diesel from Cummins, complying with Euro III emission standard.

Rear axle rubber suspension, better shock absorption, better driving experience.

Large capacity fuel reservoir, endurance mileage 1000km. Standard 315/80R22.5 tires, high endurance and reliability.

五節大截面U型伸縮臂，採用高剛性PE滑塊，伸縮平穩無沖擊。

倒角配重設計，減少回轉半徑。

康明斯強勁柴油發動機，符合歐III排放標準。

後橡膠懸掛，減震效果更佳，駕駛體驗更好。

大容量油箱，續航裏程1000公里。

標配315/80R22.5輪胎，高耐久性和可靠性。

Leading in Control

操控領先

Integrated electrical system and throttle control, eco mode available.

Electro-hydraulic composite system, smooth operation without impact, precise control, easily handling millimeter-level lifting. After-valve load-sensing hydraulics, lower fuel cost, smoother control.

集成電氣系統和油門控制，提供經濟模式。

電液複合系統，作業平穩無沖擊，操控精準，輕鬆應對毫米級吊裝。

閥後負載感應液壓系統，降低燃油成本，控制更平穩。



STC500T

SANY TRUCK CRANE

Intelligent & Comfort 智能舒適

Full vision extra large glass and skylight. / Indoor space extended for more comfortable working environment.
Standard 7" color screen with LMI, load data in real-time display. / Multi-outlet Cooling AC air flow.
CAN-BUS instrument, press buttons arranged clearly, easy to operate.
Precise PDC parking distance control with alarming sirens.
12.1-inch central control screen with Android system, providing multifunctional entertainment experience including mobile connectivity, navigation, and radio. The 7-inch LCD instrument panel gives a comprehensive view of the vehicle's status.

全視野超大玻璃和天窗。/ 室內空間擴展，更舒適的工作環境。

標準7寸屏，實時顯示負載數據。/ 多出口冷卻空調。

CAN-BUS儀表，按鍵布置清晰，操作簡便。

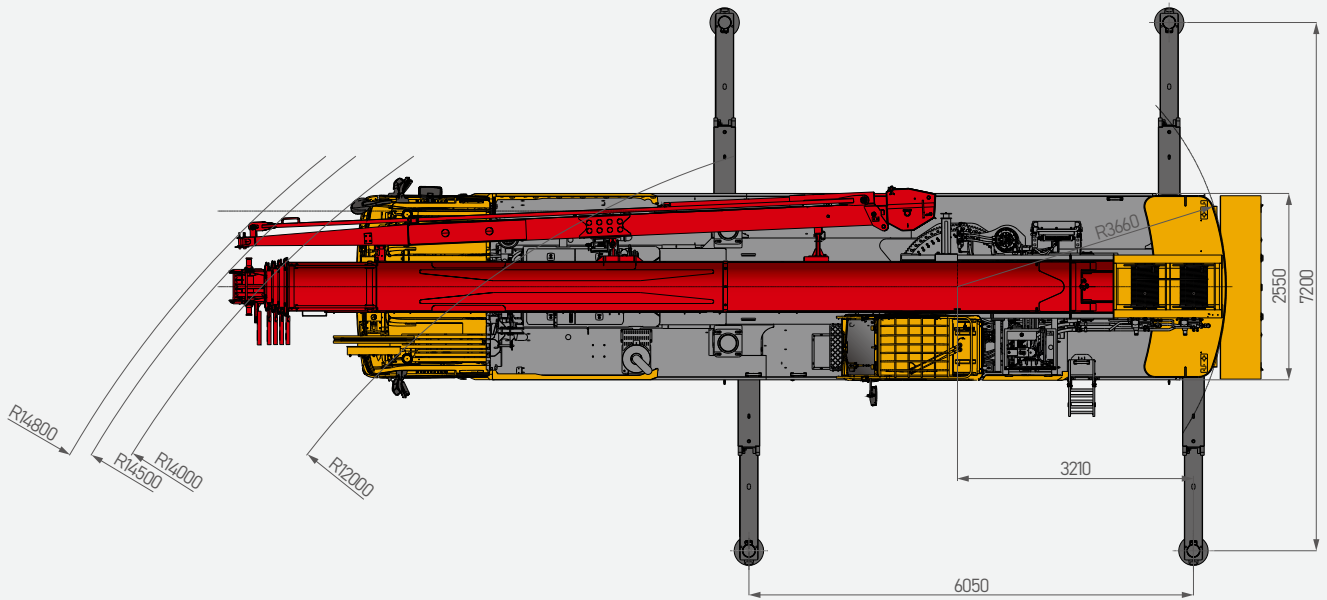
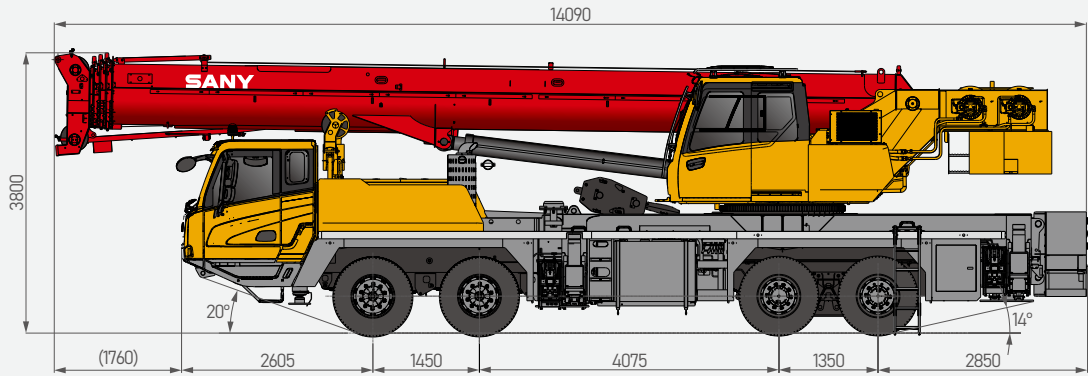
精確的PDC停車距離控制帶警報器。

12.1寸中控大屏，Android系統，手機互聯、導航、收音機等多功能娛樂體驗，7寸液晶儀表，整車狀態盡收眼底。



Overall Dimensions

整機尺寸



Technical Specification

整機參數

CATEGORY 類型	ITEM 項目	UNIT 單位	VALUE 參數	
CAPACITY 額定起重量	Max. lifting capacity 最大起重量	t	50	
WEIGHT 重量參數	Gross weight 整機總質量	kg	40000	
POWER 發動機參數	Engine model 發動機型號	-	ISLe340 30	
	Max. engine power 發動機最大功率	kW/rpm	250/2100	
	Max. engine torque 發動機最大輸出扭矩	N-m/rpm	1425/1100~1400	
DIMENSIONS 尺寸參數	Overall length 整機全長	mm	13590 (without tool box 未帶工具箱)	
	Overall width 整機全寬	mm	2550	
	Overall height 整機全高	mm	3800	
TRAVEL 行駛參數	Max. travel speed 最高行駛速度	km/h	85	
	Steering radius 轉彎半徑	Min.steering radius 最小轉彎半徑	m	12
		Min.steering radius of boom tip 臂頭最小轉彎半徑	m	14.8
	Wheel formula 車輪模式	-	8×4	
	Min.ground clearance 最小離地間隙	mm	250	
	Approach angle 接近角	°	20	
	Departure angle 離去角	°	14	
	Max. gradeability 最大爬坡度	-	40%	
	Fuel consumption per 100km 每100公里油耗	L	≤40	
MAIN PERFORMANCE 主要性能參數	Working temperature range 使用溫度區間	°C	-20~+45	
	Min.rated lifting radius 最小額定幅度	m	2.5	
	Tail slewing radius 轉臺尾部回轉半徑	m	3.66	
	Boom sections (Qty.) 臂節數	-	5	
	Boom shape 臂形狀	-	U shape U型	
	Max.lifting moment 最大起重力矩	Basic boom 基本臂	kN.m	1590
		Full-extension boom 全伸主臂	kN.m	1019
		Full-extension boom + jib 全伸主臂+副臂	kN.m	312
	Boom length 臂長	Basic boom 基本臂	m	11.4
		Full-extension boom 全伸主臂	m	44.5m
		Full-extension boom + jib 全伸主臂+副臂	m	59.1
	Max.lifting height 最大起重高度	Basic boom 基本臂	m	11.9
		Full-extension boom 全伸主臂	m	45
		Full-extension boom + jib 全伸主臂 + 副臂	m	59
Outrigger span (Longitudinal×Transverse) 支腿跨距(縱×橫)	m	6.05×7.2		
Jib offset 副臂安裝角度	°	5, 25, 45		
AIRCONDITIONER 空調	In operator's cab 上車空調	-	Heating & cooling 製冷、製熱	
	In driver's cab 下車空調	-	Heating & cooling 製冷、製熱	

Technical Specification

整機參數



Axle Load 軸荷

Axle 軸	1	2	3	4	Gross weight 總重量
Axle load 軸荷 /t	7.3	7.3	12.7	12.7	40



Hook 吊鉤

Rated load 額載 /t	Number of sheaves 滑輪數量	Rope rate 倍率	Hook weight/kg 吊鉤重量
50 ○	6	12	500
40 ●	5	11	400
5 ●	0	1	100

● Standard 標配 ○ Optional 選配



Operations 主要動作參數

Item 項目	Max.single rope lifting speed (empty load) 單繩速度 (空載)	Rope diameter/length 鋼絲繩直徑 / 長度	Max. single line pull 最大單繩拉力
Main winch 主卷揚	135m/min	Φ16mm/210m	4.2t
Auxiliary winch 副卷揚	135m/min	Φ16mm/130m	4.2t
Slewing speed 回轉速度	0~2.0r/min		
Full luffing up/down time of boom 主臂起落幅時間	45s/45s		
Full extension/retraction time of boom 主臂伸縮時間	105s/125s		
Outrigger jack 垂直支腿	Extension 伸	25s	
	Retraction 縮	25s	
Outrigger beam 水平支腿	Extension 伸	20s	
	Retraction 縮	20s	

Crane Introduction

整機介紹

Carrier 下車

Driver's cab 駕駛室

- Sany independently developed new generation of driver cab with outward-opening doors and equipped with HVAC.
- 三一自主開發新一代駕駛室，外開式車門，配置冷暖空調。

Carrier frame 車架

- Designed and manufactured by Sany, the torsion resistant box-type structure is welded by fine grain high-strength steel, featuring increased bearing capacity.
- 由三一設計製造的抗扭箱型結構採用細晶粒高強度鋼焊接，具有更高的承載能力。

Axle 車橋

- Axles 1 and 2 are steered; axles 3, 4 are drive axles 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.
- 1軸和2軸為轉向軸；3軸和4軸為驅動軸，驅動軸內置軸間和輪間差速器鎖，使車輛有更強的脫困能力；雙級減速，橋包體積更小，使車輛有更好的通過性。

Chassis engine 底盤發動機

- Model: Inline six-cylinder diesel engine with watercooler and inter cooler.
- Emission standard: Euro III.
- Fuel reservoir capacity: 350L.
- 型號：直列六缸柴油發動機，帶水冷器和中冷器。
- 排放標準：歐III。
- 燃料儲備容量：350升。

Transmission system 傳動系統

- 9-speed manual transmission with synchronizer, large speed ratio range, adaptable to slope climbing and high-speed traveling.
- 9檔帶同步器手動變速箱，速比範圍大，適應爬坡和高速行駛。

Brakes system 製動系統

- Service brake: adopting air servo and dual circuit.
- Parking brake: functioning at axles 3 and 4 by spring-loaded air chamber.
- Emergency brake: the parking brake also functions as the emergency brake.
- Assisting brake: engine exhaust brake, safety assured when driving down long slopes.
- 行車製動採用雙回路製動系統，所有車輪均用空氣伺服製動器。
- 駐車製動採用氣室內彈簧作用在第三、四橋上。
- 駐車製動兼做應急製動。
- 輔助製動採用發動機製動，保證在下長坡時的製動安全。

Suspension system 懸掛系統

- Front suspension is realized by leaf spring, and rear rubber. The system's strength is verified by 100,000 cycling fatigue tests, and ride comfort is ensured.
- 前懸掛採用獨立鋼板彈簧，後懸掛採用橡膠懸掛。系統強度通過10萬次循環疲勞測試驗證，確保乘坐舒適性。

Steering 轉向系統

- Mechanical steering with hydro booster. Turn your steering wheel more easily.
- 液壓助力機械轉向，使轉向更輕鬆。

Transmission shaft 傳動軸

- Optimized layout, higher torque output via contrate gear connecting transmission shaft cardan.
- 優化布局，通過直齒輪連接傳動軸萬向節，實現更高的扭矩輸出。

Wheel formula 車輪模式

- 8×4×4.

Outrigger 支腿

- H-type layout, four point support, easy to operate, welded by fine grain high tensile steel plate. Two-stage outrigger beam hydraulically telescoping, outrigger jack telescoping protected by two-way pilot controlled valve.
- H型支腿4點支撐，易操作、穩定性強；採用細晶粒高強度鋼板材料，二級支腿全液壓橫向伸縮，支腿垂直油缸採用雙向液壓鎖進行安全保護。

Tires 輪胎

- Thirteen radial tires sized 315/80R22.5, commonly used on heavy duty trucks, strong bearing capacity and durability.
- 十三條尺寸為315/80R22.5的子午線輪胎，常用於重型卡車，具有強大的承載能力和耐用性。

Electrical system 電氣系統

- 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 免維護蓄電池，配有機械式電源總開關，可手動切斷整車電源；總線控制系統，可實現上下車信息交互。

Crane Introduction

整機介紹

Operator's cab 操縱室

- Sany's self-made structural components are manufactured with high strength steel, providing great torsional stiffness and long fatigue life.
- 三一自製結構件，高強度鋼材製造，扭轉剛度大、疲勞壽命長。

Boom & telescoping system 伸縮系統

- Five section boom made of high strength torsion resistant steels. Telescoping is realized by double cylinders with rope arranger, realizing various length combinations.
- 五節由高強度抗扭鋼製成的大臂，通過雙缸繩排實現伸縮，能夠實現多種長度組合。

Hoisting system 起升機構

- The normally closed winch brake uses anti-fall hook technology, ensuring smooth lifting and lowering of heavy objects.
- Standard 40t, 5t hooks, and $\phi 16\text{mm}$ rotation resistant wire rope are available.
- 常閉式卷揚製動器，採用防溜鉤技術，重物起落平穩。
- 標配40t吊鉤、5t副鉤，16mm直徑抗旋轉鋼絲繩。

Luffing system 變幅系統

- Passive luffing down, reducing energy cost. One luffing cylinder with hinge positioned to the front, making motion easier and boom stress optimized. Electro proportional balance valve is adopted. Luffing angle: $-2^{\circ} \sim 80^{\circ}$.
- 採用被動落幅技術以及電比例平衡閥，降低能源成本。單變幅油缸使動作更加輕鬆，並優化了起重臂的應力。起升角度： $-2^{\circ} \sim 80^{\circ}$ 。

Hydraulic system 液壓系統

- Main oil pump, motor, valve and other key hydraulic components are of high quality, ensuring hydraulics to function smoothly and reliably.
- Luffing and telescoping are of open type system functioning four level pressure shift. Crane motions are made more energy efficient and safer when matching varied levels of pressure..
- 主油泵、馬達、閥門及其他關鍵液壓組件均採用高質量、高耐用性材料製造，確保液壓系統運行平穩可靠。
- 變幅和伸縮採用開放式系統，具備四級壓力轉換功能。通過匹配不同級別的壓力，起重機操作更加節能和安全。

Control system 控制系統

- Data display system: multiple sensors provide data feedback, realizing real-time monitoring. It helps the operator to monitor working status of the whole machine.
- Man-machine interface: user-friendly design, clear display. Crane control pattern can be adjusted according to personal working habit and different operation conditions, which appeals to customers' demand to a large extent.
- 數據顯示系統：多個傳感器提供數據反饋，實現實時監控。更好地監測整機的工作狀態。
- 人機界面：人性化設計，顯示清晰。起重機控制模式可以根據個人的工作習慣和不同的操作條件進行調整，很大程度上滿足客戶的需求。

Counterweight 配重

- Fixed counterweight 5.5t, movable counterweight 3.1t.
- 5.5t固定配重，3.1t活動配重。

Safety system 安全裝置

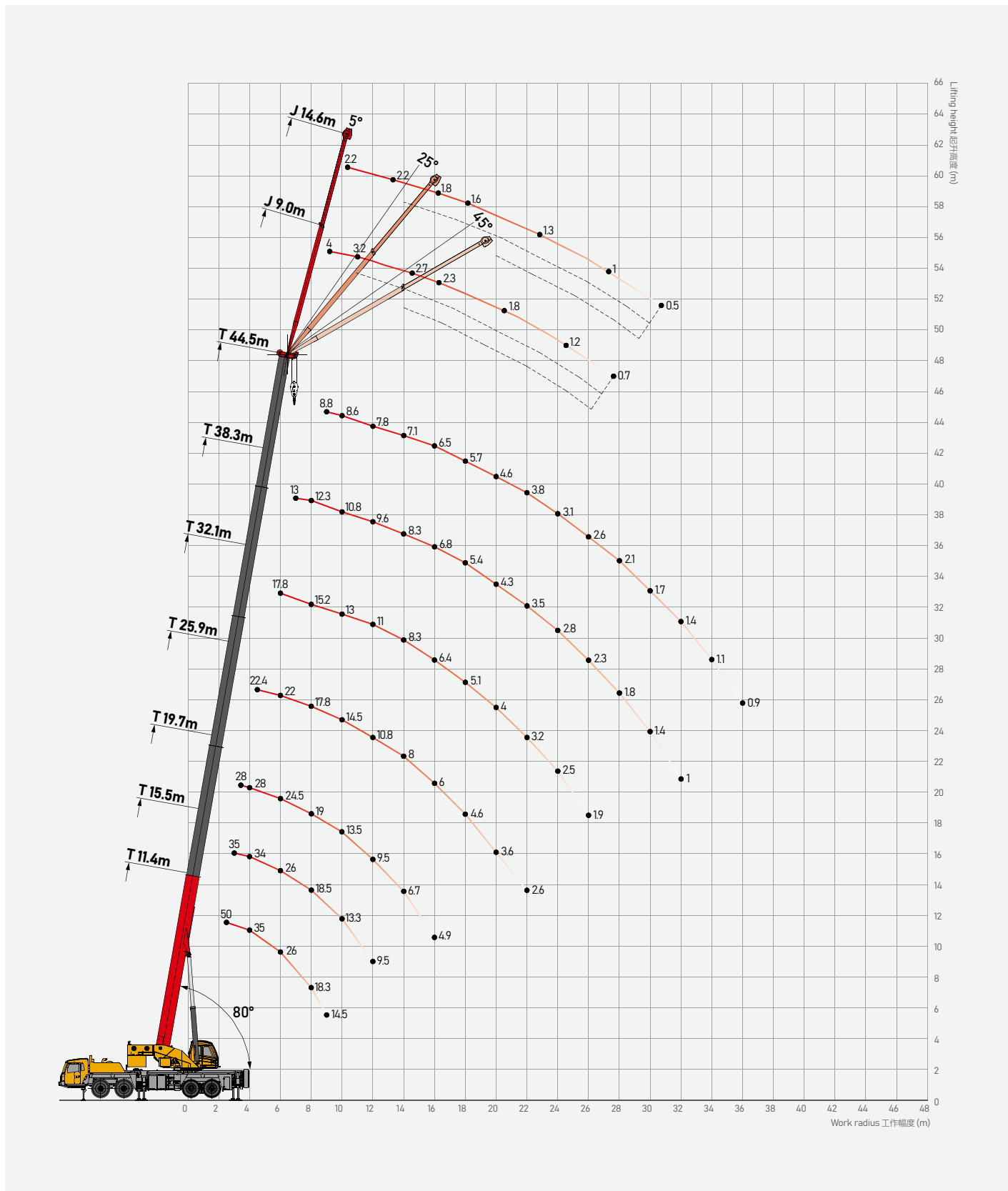
- Self developed LMI is set through analytical mechanics approach. Load accuracy is maintained within $\pm 3\%$ via online unloaded calibration.
- Hydraulic balance valve, relief valve, two-way pilot-controlled valve are equipped for hydraulic system reliability.
- Three-circle protector prevents winch wire rope from over-hoist down.
- Height limit switch at boom and jib head prevents wire rope from overhoist up.
- Boom length & angle sensor and stress sensor help monitor crane working status. Motion of risks are cut off automatically with buzzer warning simultaneously.
- 自主研發的LMI系統採用分析力學方法進行設置。通過在線空載標定，吊重精度達到 $\pm 3\%$ 。
- 液壓平衡閥、溢流閥、雙向先導控制閥保證液壓系統可靠性。
- 三圈保護器防止卷揚鋼絲繩過放。
- 主、副臂臂端配置高度限位器，防止鋼絲繩過卷。
- 配置長度角度傳感器、壓力傳感器，實時顯示起重機作業狀態，自動切斷危險動作，並發出蜂鳴器警告。

Optional equipment at extra fees 選配

- Other equipment available upon request.
- 其他配置視需求定。

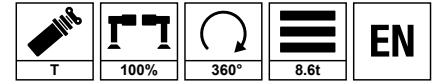
Operating Range

起升高度曲線



Load Chart - Telescopic Boom (T)

性能表 - 主臂

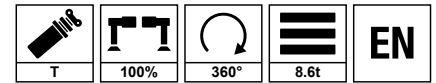


Unit: t





	11.4	17.6	23.8	30.0	36.2	13.5	19.7	25.9	32.1	38.3	15.5	21.7	28.0	
2.5	50													2.5
3	45					35					35			3
3.5	36	22.4				35					35			3.5
4	35	22.4	22			34	22.4				34	22.4		4
4.5	33.5	22.4	22			33.5	22.4	19			33.5	22.4		4.5
5	32	22.4	21.5			31.5	22.4	18			31.5	22.4	19	5
5.5	29.5	22.4	20.5	14.2		28.5	22.4	17	12.5		28.5	22.4	19	5.5
6	26	22.4	19.8	13.8		25	22.4	16	12		26	22.4	19	6
7	22	22.0	18.5	13.2	10.3	21	21.2	15	11.5		21.8	21.2	19	7
8	18.3	19.5	17	12.7	9.7	18.3	18.5	14.5	11	8.6	18.5	19	18	8
9	14.5	16.5	15.4	12.2	9.2	15	16	12.5	10.5	8.2	15.5	16.6	16.5	9
10		14.7	14	11.2	8.6	13.0	14	11	9.5	8	13.3	14.7	14.5	10
12		11.0	11.7	9	7.8		10	10.2	9	7.5	9.5	10.7	11.2	12
14		8.4	9.1	7.5	6.8		8	8	8	7		8.2	8.5	14
16			7.2	6.8	5.8		6.0	6.3	6	6		6.5	6.8	16
18			5.8	5.9	5.1			5.1	5.3	5		5.0	5.4	18
20				5	4.9			4.1	4.3	4.4			4.3	20
22				4.2	4.2			3.4	3.6	3.7			3.5	22
24				3.5	3.6				3	3.2				24
26					3.1				2.5	2.6				26
28					2.5					2.3				28
30					2.0					1.8				30
32										1.5				32
34														34
36														36
38														38
	11	6	6	4	3	9	6	5	4	3	9	6	5	
2#	0	0	0	0	0	25	25	25	25	25	50	50	50	2#
3#	0	25	50	75	100	0	25	50	75	100	0	25	50	3#
4#	0	25	50	75	100	0	25	50	75	100	0	25	50	4#
5#	0	25	50	75	100	0	25	50	75	100	0	25	50	5#

Load Chart - Telescopic Boom (T)

性能表 - 主臂

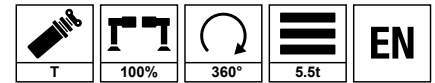


Unit: t





	34.2	40.4	17.6	23.8	30.0	36.2	42.4	19.7	25.9	32.1	38.3	44.5	
2.5													2.5
3			30										3
3.5			29					28					3.5
4			28.5					28					4
4.5			28	22.4				28	22.4				4.5
5			27	22.4				27.3	22.4				5
5.5			26	22.4	17.5			25.5	22.4				5.5
6	12.8		25	21	17	12.5		24.5	22	17.8			6
7	12.5		22	19	16	11.5		21.5	19.5	16.6	13		7
8	12	9.6	19	18.5	15	11		19	17.8	15.2	12.3		8
9	11.5	8.9	15	15.5	14	10	8.3	16	15.5	14	12	8.8	9
10	10.8	8.5	13.7	14	13	9.5	7.5	13.5	14.5	13	10.8	8.6	10
12	9.5	7.8	9.4	9.5	10	8	7	9.5	10.8	11	9.6	7.8	12
14	8.2	6.9	6.7	7.2	7.8	7.5	6.5	6.7	8	8.3	8.3	7.1	14
16	7	6.2		5.7	6.1	6.2	6	4.9	6	6.4	6.8	6.5	16
18	5.7	5.3		4.4	4.9	5	5.1		4.6	5.1	5.4	5.7	18
20	4.7	4.6		3.0	3.8	4.1	4.1		3.6	4	4.3	4.6	20
22	3.8	3.8			3.1	3.3	3.4		2.6	3.2	3.5	3.8	22
24	3.1	3.2			2.5	2.8	2.8			2.5	2.8	3.1	24
26	2.5	2.6				2.3	2.4			1.9	2.3	2.6	26
28	2.1	2.1				1.9	2				1.8	2.1	28
30		1.8				1.6	1.6				1.4	1.7	30
32		1.4					1.3				1.0	1.4	32
34		1.0					0.9					1.1	34
36												0.9	36
38													38
	4	3	8	6	5	4	3	7	6	5	4	3	
2#	50	50	75	75	75	75	75	100	100	100	100	100	2#
3#	75	100	0	25	50	75	100	0	25	50	75	100	3#
4#	75	100	0	25	50	75	100	0	25	50	75	100	4#
5#	75	100	0	25	50	75	100	0	25	50	75	100	5#

Load Chart - Telescopic Boom (T)

性能表 - 主臂

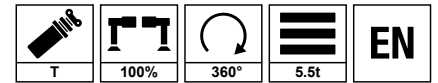


Unit: t

	11.4	17.6	23.8	30.0	36.2	13.5	19.7	25.9	32.1	38.3	15.5	21.7	28.0	
3	40					35					35			3
3.5	36	22.4				35					35			3.5
4	35	22.4	23			34	22.4				34	22.4		4
4.5	33.5	22.4	22.5			33.5	22.4	19			33.5	22.4		4.5
5	32	22.4	21.5			31.5	22.4	18			31.5	22	19	5
5.5	29.5	22.4	20.5	14.2		28.5	20.5	17	12.5		28.5	21.5	19	5.5
6	26	22.4	19.8	13.8		25	20	16	12		26	21	17	6
7	22	22	18.5	13.2	10.3	21	19	15	11.5		21.8	20	16	7
8	18.3	19	17	12.7	9.7	16	17	14	11	8.5	18.5	16.5	15	8
9	14.5	15.5	14.5	12.2	9.2	12.5	13.5	13	10.5	8.2	14.5	13	12	9
10		13.5	12	11.2	8.6	10.5	11	10	10	7.9	11.5	10.8	10	10
12		9.5	10.3	8.8	7.8		8.3	8.5	8.8	7.5	8.0	8	8.2	12
14		7.0	7.5	7.3	6.6		6.2	6.5	6.6	6.8		6.2	6.2	14
16			6	6.3	5.6		4.7	5	5.2	5.5		4.7	4.9	16
18			4.6	5.1	5			4.1	4.3	4.5		3.6	3.8	18
20				4.1	4.1			3.3	3.4	3.6			2.8	20
22				3.3	3.5			2.7	2.8	3			2.3	22
24				2.7	2.9				2.3	2.5				24
26					2.4				1.9	2.1				26
28					2					1.8				28
30					1.4					1.4				30
32										1.1				32
34														34
38														38
40														40
	11	6	6	4	3	9	6	5	4	3	9	6	5	
2#	0	0	0	0	0	25	25	25	25	25	50	50	50	2#
3#	0	25	50	75	100	0	25	50	75	100	0	25	50	3#
4#	0	25	50	75	100	0	25	50	75	100	0	25	50	4#
5#	0	25	50	75	100	0	25	50	75	100	0	25	50	5#

Load Chart - Telescopic Boom (T)

性能表 - 主臂

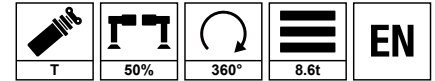


Unit: t





	34.2	40.4	17.6	23.8	30.0	36.2	42.4	19.7	25.9	32.1	38.3	44.5	
3			30										3
3.5			29					28					3.5
4			28.5					28					4
4.5			28	22.4				28	22.4				4.5
5			27.5	22.4				27.3	22.4				5
5.5			27	21	17.5			25.5	22.4				5.5
6	12.8		26	20	16	12.5		24.5	22	17.8			6
7	12.5		21	19	14	11.5		21.5	19.5	16.6	13		7
8	12	9.6	15.5	16	11	11		18	17.8	15.2	12.3		8
9	11.5	8.9	12	13	9	9	8.3	14	15.5	14	11.5	8.8	9
10	10.5	8.5	10.5	10.5	8.5	8	7.5	11.5	12.5	13	10.8	8.6	10
12	8.5	7.8	7.2	8.1	8	7	7	7.6	8.7	9.3	9.5	7.8	12
14	6.3	6.5	5.2	5.9	6	6	6.4	5.4	6.4	6.8	7.3	7.1	14
16	5	5		4.5	5	4.7	5.2	3.7	4.7	5.1	5.6	5.8	16
18	4	4		3.4	3.8	4	4.3		3.6	4	4.4	4.6	18
20	3.3	3.4		1.5	3.1	3.3	3.5		2.7	3	3.5	3.7	20
22	2.7	2.8			2.5	2.6	2.8		2.0	2.4	2.7	3	22
24	2.2	2.4			2.0	2.1	2.3			1.8	2	2.4	24
26	1.8	1.8				1.7	1.8			1.3	1.6	2	26
28	1.5	1.5				1.4	1.5				1.3	1.5	28
30		1.3				1.0	1.2				1	1.2	30
32		1					0.8				0.6	0.9	32
34		0.8										0.7	34
38													38
40													40
	4	3	8	6	5	4	3	7	6	5	4	3	
2#	50	50	75	75	75	75	75	100	100	100	100	100	2#
3#	75	100	0	25	50	75	100	0	25	50	75	100	3#
4#	75	100	0	25	50	75	100	0	25	50	75	100	4#
5#	75	100	0	25	50	75	100	0	25	50	75	100	5#

Load Chart - Telescopic Boom (T)

性能表 - 主臂

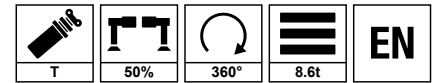


Unit: t









	11.4	17.6	23.8	30.0	36.2	13.5	19.7	25.9	32.1	38.3	15.5	21.7	28.0	
3	45					35					35			3
3.5	36	22.4				35					35			3.5
4	35	22.4	22			34	22.4				34	22.4		4
4.5	33.5	22.4	22			33.5	22.4	19			33.5	22.4		4.5
5	29.3	22.4	21.5			29	22.4	18			28.8	22.4	19	5
5.5	24	22.4	20.5	14.2		23.7	22.4	17	12.5		23.5	22.4	19	5.5
6	20.1	21.5	19.8	13.8		19.9	21.2	16	12		19.7	20.9	19	6
7	14.8	16.1	16.7	13.2	10.3	14.6	15.8	15	11.5		14.5	15.6	16.2	7
8	11.4	12.6	13.2	12.7	9.7	11.3	12.4	12.9	11	8.6	11.1	12.2	12.7	8
9	9.0	10.2	10.7	11	9.2	8.9	10	10.5	10.5	8.2	8.8	9.8	10.3	9
10		8.4	8.9	9.2	8.6	7.1	8.2	8.7	9	8	7	8	8.5	10
12		5.9	6.4	6.7	6.9		5.7	6.2	6.5	6.7	4.6	5.5	6	12
14		4.3	4.8	5	5.2		4.1	4.6	4.9	5		3.9	4.4	14
16			3.6	3.9	4		3.0	3.4	3.7	3.9		2.8	3.3	16
18			2.7	3	3.2			2.6	2.8	3		1.9	2.4	18
20				2.3	2.5			1.9	2.2	2.3			1.7	20
22				1.8	1.9			1.4	1.6	1.8			1.2	22
24				1.3	1.5				1.2	1.4				24
26					1.1				0.8	1				26
28					0.8									28
30														30
32														32
34														34
36														36
38														38
	11	6	6	4	3	9	6	5	4	3	9	6	5	
2#	0	0	0	0	0	25	25	25	25	25	50	50	50	2#
3#	0	25	50	75	100	0	25	50	75	100	0	25	50	3#
4#	0	25	50	75	100	0	25	50	75	100	0	25	50	4#
5#	0	25	50	75	100	0	25	50	75	100	0	25	50	5#

Load Chart - Telescopic Boom (T)

性能表 - 主臂



Unit: t

	34.2	40.4	17.6	23.8	30.0	36.2	42.4	19.7	25.9	32.1	38.3	44.5	
3			30										3
3.5			29					28					3.5
4			28.5					28					4
4.5			28	22.4				28	22.4				4.5
5			27	22.4				27.3	22.4				5
5.5			23.4	22.4	17.5			23.3	22.4				5.5
6	12.8		19.6	20.7	17	12.5		19.5	20.5	17.8			6
7	12.5		14.4	15.4	16	11.5		14.3	15.3	15.9	13		7
8	12	9.6	11	12	12.6	11		10.9	11.8	12.4	12.3		8
9	10.6	8.9	8.7	9.6	10.1	10	8.3	8.6	9.5	10	10.3	8.8	9
10	8.8	8.5	6.9	7.8	8.3	8.7	7.5	6.9	7.7	8.2	8.5	8.6	10
12	6.3	6.5	4.5	5.4	5.9	6.2	6.4	4.5	5.3	5.7	6.1	6.3	12
14	4.7	4.9	3.0	3.8	4.3	4.6	4.8	2.9	3.7	4.1	4.4	4.6	14
16	3.5	3.7		2.7	3.1	3.4	3.6	1.8	2.5	3	3.3	3.5	16
18	2.7	2.9		1.8	2.3	2.5	2.7		1.7	2.1	2.4	2.6	18
20	2	2.2		1.1	1.6	1.9	2.1		1.0	1.5	1.8	2	20
22	1.5	1.7			1.1	1.3	1.5			0.9	1.2	1.4	22
24	1	1.2				0.9	1.1					1	24
26		0.9											26
28													28
30													30
32													32
34													34
36													36
38													38
	4	3	8	6	5	4	3	7	6	5	4	3	
2#	50	50	75	75	75	75	75	100	100	100	100	100	2#
 3#	75	100	0	25	50	75	100	0	25	50	75	100	3# 
4#	75	100	0	25	50	75	100	0	25	50	75	100	4# 
5#	75	100	0	25	50	75	100	0	25	50	75	100	5# 

Load Chart - Telescopic Boom (T)

性能表 - 主臂

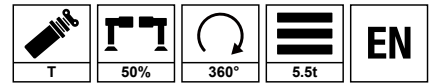


Unit: t







	11.4	17.6	23.8	30.0	36.2	13.5	19.7	25.9	32.1	38.3	15.5	21.7	28.0	
3	40					35					35			3
3.5	36	22.4				35					35			3.5
4	35	22.4	22			34	22.4				34	22.4		4
4.5	31.9	22.4	22			31.5	22.4	19			31.3	22.4		4.5
5	25	22.4	21.5			24.7	22.4	18			24.5	22.4	19	5
5.5	20.4	21.9	20.5	14.2		20.1	21.5	17	12.5		19.9	21.3	19	5.5
6	17	18.4	19	13.8		16.7	18.1	16	12		16.6	17.8	18.5	6
7	12.4	13.7	14.3	13.2	10.3	12.2	13.4	14	11.5		12	13.2	13.8	7
8	9.4	10.6	11.2	11.5	9.7	9.3	10.4	10.9	11	8.6	9.1	10.2	10.7	8
9	7.3	8.5	9	9.3	9.2	7.2	8.3	8.8	9.1	8.2	7.1	8.1	8.6	9
10		6.9	7.4	7.7	7.9	5.7	6.7	7.2	7.5	7.7	5.5	6.5	7	10
12		4.8	5.2	5.5	5.7		4.5	5	5.3	5.5	3.4	4.4	4.9	12
14		3.3	3.8	4.1	4.2		3.1	3.6	3.9	4.1		3	3.4	14
16			2.8	3	3.2		2.1	2.6	2.9	3		2	2.4	16
18			2.0	2.3	2.4			1.8	2.1	2.3		1.2	1.7	18
20				1.7	1.8			1.2	1.5	1.7			1.1	20
22				1.2	1.4				1	1.2				22
24				0.8	1					0.8				24
26														26
28														28
30														30
32														32
34														34
38														38
40														40
	11	6	6	4	3	9	6	5	4	3	9	6	5	
2#	0	0	0	0	0	25	25	25	25	25	50	50	50	2#
3#	0	25	50	75	100	0	25	50	75	100	0	25	50	3#
4#	0	25	50	75	100	0	25	50	75	100	0	25	50	4#
5#	0	25	50	75	100	0	25	50	75	100	0	25	50	5#

Load Chart - Telescopic Boom (T)

性能表 - 主臂

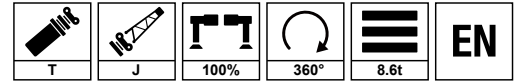


Unit: t

	34.2	40.4	17.6	23.8	30.0	36.2	42.4	19.7	25.9	32.1	38.3	44.5	
3			30										3
3.5			29					28					3.5
4			28.5					28					4
4.5			28	22.4				28	22.4				4.5
5			24.4	22.4				24.3	22.4				5
5.5			19.8	21	17.5			19.7	20.8				5.5
6	12.8		16.4	17.6	17	12.5		16.3	17.4	17.8			6
7	12.5		11.9	13	13.6	11.5		11.8	12.8	13.4	13		7
8	11.1	9.6	9	10	10.5	10.9		8.9	9.8	10.4	10.8		8
9	8.9	8.9	7	7.9	8.4	8.8	8.3	6.9	7.7	8.3	8.6	8.8	9
10	7.3	7.6	5.5	6.3	6.9	7.2	7.4	5.4	6.2	6.7	7.1	7.3	10
12	5.2	5.4	3.4	4.2	4.7	5	5.2	3.3	4.1	4.6	4.9	5.1	12
14	3.7	3.9	2.0	2.8	3.3	3.6	3.8	1.9	2.7	3.1	3.5	3.7	14
16	2.7	2.9		1.8	2.3	2.6	2.8	1.0	1.7	2.2	2.4	2.7	16
18	1.9	2.1		1.1	1.5	1.8	2		1	1.4	1.7	1.9	18
20	1.4	1.5			1	1.2	1.4			0.8	1.1	1.3	20
22	0.9	1.1					1					0.8	22
24													24
26													26
28													28
30													30
32													32
34													34
38													38
40													40
	4	3	8	6	5	4	3	7	6	5	4	3	
2#	50	50	75	75	75	75	75	100	100	100	100	100	2#
 3#	75	100	0	25	50	75	100	0	25	50	75	100	3# 
4#	75	100	0	25	50	75	100	0	25	50	75	100	4#
5#	75	100	0	25	50	75	100	0	25	50	75	100	5#

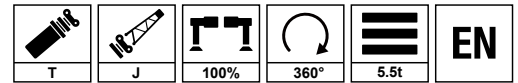
Load Chart - Fixed Jib (TJ)

性能表 - 副臂



Unit: t

	44.5m+9.0m			44.5m+14.6m			
	5°	25°	45°	5°	25°	45°	
80.0							80.0
78.0	4.0	2.3	1.4	2.2	1.2	0.8	78.0
75.0	3.2	2.2	1.3	2.2	1.1	0.7	75.0
72.0	2.7	1.9	1.2	1.8	1.1	0.7	72.0
70.0	2.3	1.8	1.2	1.6	1.0	0.6	70.0
65.0	1.8	1.5	1.0	1.3	0.9	0.5	65.0
60.0	1.2	1.1	0.9	1.0	0.7	0.5	60.0
56.0	0.7	0.6	0.5	0.5			56.0
	1	1	1	1	1	1	
	2#	100	100	100	100	100	2#
	3#	100	100	100	100	100	3#
	4#	100	100	100	100	100	4#
	5#	100	100	100	100	100	5#



Unit: t

	44.5m+9.0m			44.5m+14.6m			
	5°	25°	45°	5°	25°	45°	
80.0							80.0
78.0	4.0	2.3	1.4	2.2	1.2	0.8	78.0
75.0	3.2	2.2	1.3	2.2	1.1	0.7	75.0
72.0	2.7	1.9	1.2	1.8	1.1	0.7	72.0
70.0	2.3	1.8	1.2	1.6	1.0	0.6	70.0
65.0	1.8	1.5	1.0	1.3	0.9	0.5	65.0
60.0	1.2	1.1	0.9	1.0	0.7	0.5	60.0
56.0	0.7	0.6	0.5	0.5			56.0
	1	1	1	1	1	1	
	2#	100	100	100	100	100	2#
	3#	100	100	100	100	100	3#
	4#	100	100	100	100	100	4#
	5#	100	100	100	100	100	5#

Note:

- Value listed are the max. capacity when the crane is in a level condition on solid ground or surface.
- Radius refers to actual radius with boom deflection considered.
- The determination of rated load values in the load chart follows ISO 4305.
- Value above are calculated with hooks and lifting slings considered.
- When the fifth outrigger is landed in position, value listed are applicable for 360 degree operation.
- Rated lifting performance on boom point sheave equals 3500kg; boom load capacity shall be 900kg less than value given when jib unfolds.
- 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.

備註:

- 起重性能表中給定數值是在平整堅固的地面上，整機調平狀態下起重機的額定起重量。
- 起重性能表中工作幅度是指吊載後的實際幅度。
- 起重性能表中的穩定性決定的額定載荷數值的確定遵循ISO4305。
- 起重性能表中額定起重量包括起重鉤和吊具的重量。
- 打開好第五支腿時，表中數值適用於全方位(360°)作業。
- 使用臂尖滑輪時額定起重量不超過3500kg。若副起重臂處於展開狀態，主臂起吊的額定起重量應減少900kg。
- 如果實際臂長和幅度介於兩個數值之間時，取較長的臂長及較大的幅度所決定的額定起重量進行起吊作業。



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溫馨提示：

由於技術不斷更新，技術參數及配置如有更改，恕不另行通知。圖中機器可能包括附加設備，本書冊僅供參考，以實物為準。

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