



SCC16000TM

SANY CRAWLER CRANE

三一履带起重机



www.sanygroup.com

QUALITY CHANGES THE WORLD

The parameters, pictures and standard/optional equipment are only for reference in this brochure, the actual machine is based on the effective price list and contract.

推介书内的参数、图片和配置仅供参考，实际配置以实物为准。

V1.0

01

Introduce
04 / 整机优势

04

Transport Dimension
08 / 部件运输尺寸

02

Outline Dimension
06 / 整机基本尺寸

05

Main Characteristics
11 / 主要特性

03

Main Performance
Parameters
07 / 主要性能参数

06

Configurations
16 / 工况组合
H_CK Configuration 工况
HJHE_CK Configuration 工况
HDB_CK Configuration 工况
HJHEDB_CK Configuration 工况

01 | Introduce

整机优势

138m+9m

FJ longest boom combination
标准风电工况最长臂

177m+9m

FJ longest boom combination
(with superlift)
超起风电工况最长臂

16000t·m

Max. rated lifting moment (with superlift)
最大额定起重力矩(带超起)

Standard Wind Power Configuration 标准风电工况

- 100m height 高, 108+9m; 300t@19m.
- 110m height 高, 117+9m; 299t@19m.
- 115m height 高, 123+9m; 293t@20m.
- 120m height 高, 126+9m; 292t@20m.
- 125m height 高, 132+9m; 270t@22m.
- 130m height 高, 138+9m; 245t@22m.

Wind Power Configuration (with superlift) 超起风电工况

- 140m height 高, 147+9m; 293t@24m.
- 150m height 高, 156+9m; 260t@24m.
- 160m height 高, 168+9m; 218t@26m.
- 165m height 高, 171+9m; 207t@26m.
- 170m height 高, 177+9m; 187t@26m.

Value Benchmark 价值典范

- Lifting 130m wind turbines without a superlift, improving operational efficiency by 30%, creating value for customers.
- 130m风机吊装无需超起, 作业效率提升30%, 为客户创造价值。

Ultimate Safety 极致安全

- Maximum lifting capacity of 300t, with ultra-low load rates, making wind turbine lifting safer.
- 4.5m wide boom with a safety factor that exceeds standards, offering better wind resistance.
- Exclusive additional counterweight control technology ensures risk-free lifting operations.
- 最大吊装300t, 超低负载率, 让风机吊装更安全。
- 4.5m宽臂, 超越标准的安全系数, 抗风能力更强。
- 独家附加配重控制技术, 让吊装安全无风险。

SCC16000TM

SANY CRAWLER CRANE

Easy Assembly and Disassembly 拆装便捷

- Three transportation modes to adapt to different scenarios, with the fastest transition completed in 3 hours.
- Large angle 9m E-jib for smoother lifting without obstruction, enhancing work efficiency.
- Dual-pump system doubles the heavy-load lifting speed.
- 三种转场模式，适应不同场景，最快3h转场到位。
- 大角度9m鹰嘴臂，吊装不卡杆，施工效率更高。
- 双泵合流，重载速度提升1倍；。

Comfort and Intelligence 舒适智能

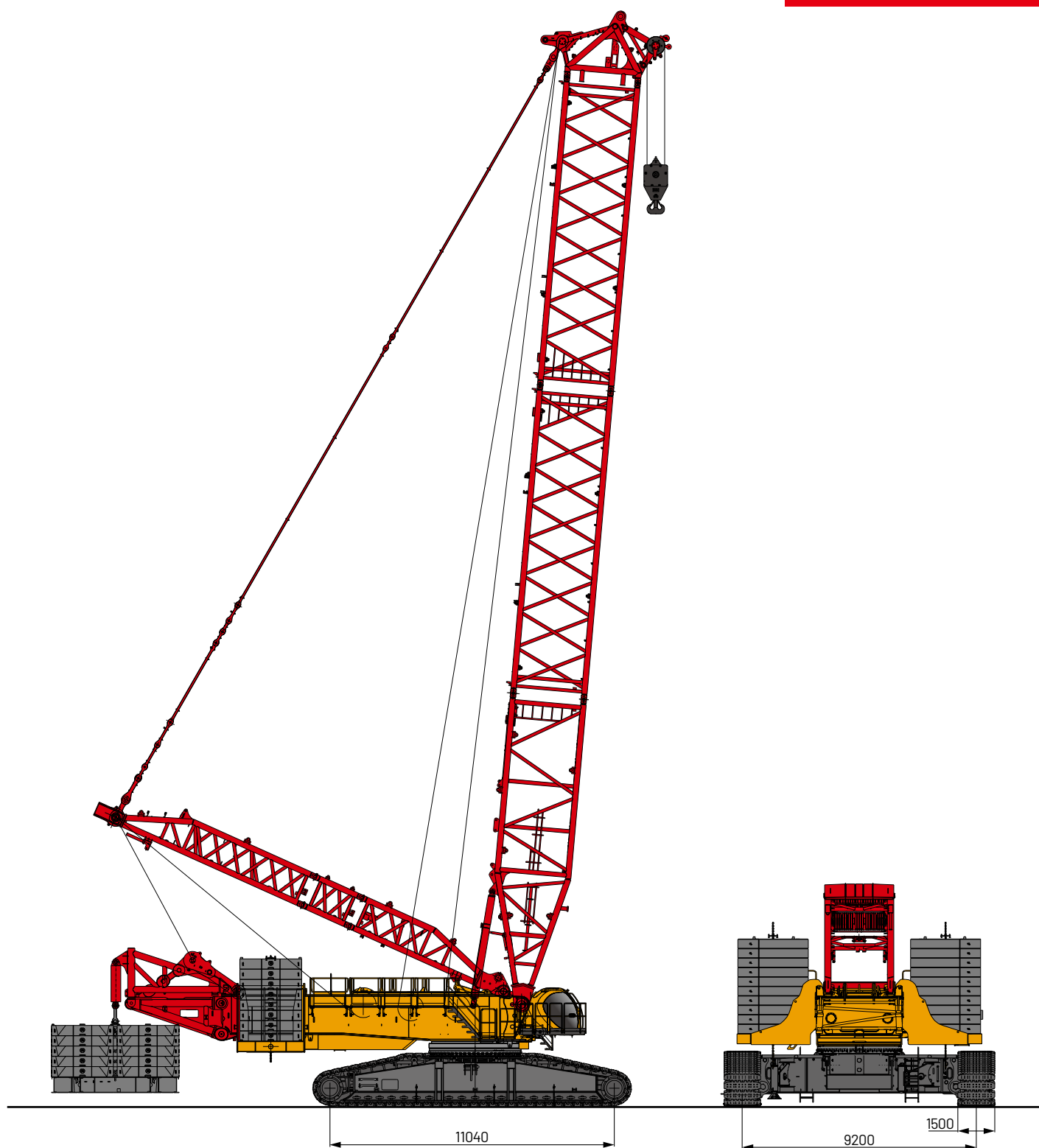
- Four intelligent safety aids, offering 360-degree protection during operations.
- Smart display plus dual-row cab design ensures maximum comfort for users.
- 4大智能安全辅助，360度保护作业安全。
- 智慧大屏+双排驾舱满足用户极致舒适体验。

02 | Outline Dimension

整机基本尺寸

SCC16000TM

Unit: mm



03

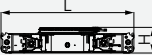
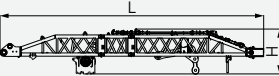
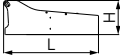
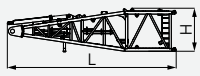
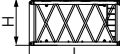
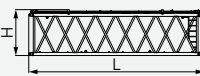
Main Performance Parameters

主要性能参数

Performance Indicators 项目	Unit 单位	Parameters 参数
Performance 性能参数		
Maximum Rated Lifting Capacity 最大额定起重量	t	960
Maximum Rated Lifting Capacity (with superlift) 最大额定起重量(带超起)	t	1000
Maximum Rated Lifting Moment 最大额定起重力矩	t·m	9300
Maximum Rated Lifting Moment (with superlift) 最大额定起重力矩(带超起)	t·m	16000
Main Boom Length 主臂长度	m	25.5~121.5
Mix Boom Length (with superlift) 混合主臂长度(带超起)	m	43.5~163.5
Standard Wind Power Condition 标准风电工况	m	108~138+9
Superlift Wind Power Condition 超起风电工况	m	126~177+9
E-jib Length 鹰嘴臂长度	m	9
Boom Luffing Angle 主臂变幅角度	°	30-85
Operation Speed 工作速度参数		
Max Single Rope Speed of Main Hoist W-1 (outermost layer) 主卷扬W-1最大单绳速度(最外工作层)	m/min	100
Max Single Rope Speed of Main Hoist W-2 (outermost layer) 主卷扬W-2最大单绳速度(最外工作层)	m/min	100
Max Single Rope Speed of Main Luffing (outermost layer) 主变幅最大单绳速度(最外工作层)	m/min	60 × 2
Max Single Rope Speed of Superlift Luffing (outermost layer) 超起变幅最大单绳速度(最外工作层)	m/min	140
Slewing Speed (unloaded) 回转速度(空载)	r/min	0.8
Power Parameters 动力参数		
Engine Model 发动机型号	-	Weichai WP14T 潍柴
Maximum Engine Power 发动机最大功率	kW/rpm	562/1900
Maximum Engine Output Torque 发动机最大输出扭矩	N·m/rpm	2900/1200~1500
Traveling Parameters 行驶参数		
Traveling Speed 行走速度	km/h	0~0.8
Gradeability (with basic boom, cab facing right) 爬坡能力(带基本臂、司机室朝右)	%	15
Weight Parameters 重量参数		
Total Machine Weight (basic boom, 170t rear counterweight, 80t central counterweight) 整机质量(基本臂、170t后配重、80t中央配重)	t	715
Maximum Single-piece Transport Weight (revolving turntable assembly) 最大单件运输重量(转台总成)	t	64
Main Rear Counterweight (including tray) 主机后配重(含托盘)	t	170
Additional Counterweight (including tray) 附加配重(含托盘)	t	280
Superlift Counterweight (including tray) 超起配重(含托盘)	t	400
Central Counterweight (including tray) 中央配重(含托盘)	t	80
Average Ground Bearing Pressure (basic boom, 170t rear counterweight, 80t central counterweight, with 800t hook) 平均接地比压(基本臂、170t后配重、80t中央配重、带800t吊钩)	MPa	0.2
Others 其他参数		
Maximum Transport Dimension (L × W × H) 最大运输尺寸(长×宽×高)	mm	15600 × 3500 × 2760
Maximum Single-piece Transport Weight 最大单件运输重量	t	64
Center Distance of Driving and Driven Wheels 主、从动轮中心距	mm	11040
Width of Track Shoe 履带板宽度	mm	1500

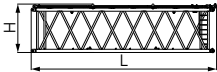
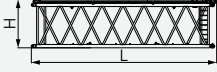
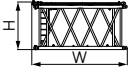
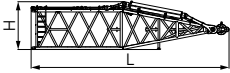
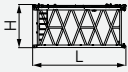
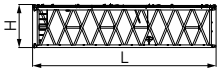
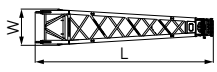
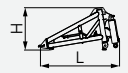
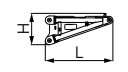
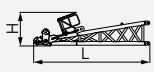
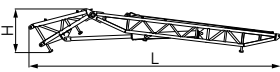
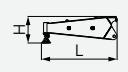
04 | Transport Dimension

部件运输尺寸

NO. 序号	Name 名称	Shape 形状	L × W × H 长 × 宽 × 高 (m)	Weight 单件重量 (t)	Qty 数量
1	Basic Machine (upperstructure and lowerstructure separated) 主机(上下车分离)		15.6 × 3.72 × 3.11	64.0	1
2	Chassis (upperstructure and lowerstructure separated) 底座(上下车分离)		8.56 × 3.83 × 1.66	38.4	1
3	Track Assembly 履带总成		12.36 × 1.50 × 2.07	44.5	2
4	Main Luffing Mast 主变幅桅杆		17.6 × 2.87 × 3.2	33.5	1
5	Main Hoist Winch 主提升卷扬		2.24 × 1.58 × 1.44	12.5	2
6	Main Rear Counterweight Tray 主机后配重托盘		3.45 × 2.84 × 2.68	15.03	2
7	Central Counterweight Tray 中央配重托盘		3.33 × 2.90 × 1.20	20.0	2
8	12m Boom Base H2 H2主臂12m下节臂		12.45 × 4.5 × 3.2	22.9	1
9	H9 Connecting Head H9连接节		4.17 × 3.55 × 2.87	7.9	1
10	Boom Pulley Block 主臂滑轮组		1.84 × 2.09 × 1.53	3.4	2
11	12m Jib Insert LJ8AA LJ8AA副臂12m中间臂		12.35 × 3.45 × 3.23	9.2	1
12	3m Jib Insert LJ3 LJ3副臂3m中间臂		3.35 × 3.45 × 3.23	3.1	1
13	6m Jib Insert LJ6 LJ6副臂6m中间臂		6.35 × 3.45 × 3.23	4.6	2
14	12m Jib Insert LJ8A LJ8A副臂12m中间臂		12.35 × 3.45 × 3.23	8.3	2
15	12m CK-boom Upper Transition Insert CK4B CK4B宽臂12m上过渡节臂		12.35 × 4.45 × 3.23	10.5	1

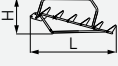
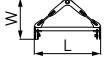
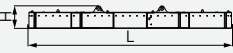
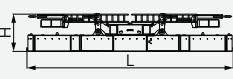
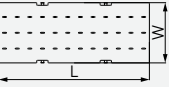
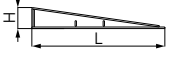
04 | Transport Dimension

部件运输尺寸

NO. 序号	Name 名称	Shape 形状	L × W × H 长 × 宽 × 高 (m)	Weight 单件重量 (t)	Qty 数量
16	12m CK-boom Insert CK8A CK8A宽臂12m中间臂		12.35 × 4.45 × 3.23	12.1	5
17	12m CK-boom Insert CK8B CK8B宽臂12m中间臂		12.35 × 4.45 × 3.23	10.6	2
18	6m CK-boom Insert CK6A CK6A宽臂6m中间臂		6.35 × 4.45 × 3.23	6.7	2
19	12m Superlift Mast Base D2 D2超起桅杆12m下节臂		12.35 × 3.5 × 3.53	36.2	1
20	12m Superlift Mast Top D1 D1超起桅杆12m上节臂		13.2 × 3.50 × 3.20	19.5	1
21	6m Superlift Mast Insert D4 D4超起桅杆6m中间节臂		6.20 × 3.50 × 2.89	5.22	2
22	12m Superlift Mast Insert D6 D6超起桅杆12m中间节臂		12.24 × 3.50 × 2.89	9.2	1
23	6m E-jib Connecting Head 鹰嘴臂6m连接节		6.3 × 3.45 × 3.53	7.5	1
24	9m E-jib 9m鹰嘴臂		10.50 × 2.20 × 2.65	6.6	1
25	Upper Supporting Frame for Additional Counterweight 附加配重上支撑架		4.70 × 3.53 × 2.8	6.5	1
26	Lower Supporting Frame for Additional Counterweight 附加配重下支撑架		3.97 × 3.53 × 1.85	10.1	1
27	Third Segment of Superlift Counterweight Strut 超起配重撑杆第三段		6.85 × 3.95 × 2.0	5.8	1
28	First + Second Segments of Superlift Counterweight Strut 超起配重撑杆第一+二段		14.95 × 3.5 × 2.6	13.5	1
29	Side Outrigger Assembly 侧支腿总成		4.45 × 1.13 × 1.55	2.5	2
30	Transport Bracket Assembly 运输支架总成		1.75 × 3.1 × 1.35	3.2	1

04 | Transport Dimension

部件运输尺寸

NO. 序号	Name 名称	Shape 形状	L × W × H 长 × 宽 × 高 (m)	Weight 单件重量 (t)	Qty 数量
31	10t Counterweight Block 10t配重块		2.85 × 2.40 × 0.45	10.0	50
32	350t Hook 350t起重钩		3.85 × 1.9 × 1.33	7.9~13.9	1
33	Left and Right Lower Structure Walkway 左、右下车走台		2.10 × 1.80 × 0.30	0.251	4
34	Lower Structure Ladder 下车扶梯		1.45 × 1.40 × 0.60	0.07	2
35	Counterweight Hanger Body 配重吊架体		2.90 × 2.20 × 0.40	0.7	2
36	Large Counterweight Tray 配重大托盘		10.22 × 3.22 × 1.12	16.9	1
37	Hanger Body × 2 + Large Tray 吊架体 × 2 + 大托盘		10.12 × 3.22 × 2.75	18.3	1
38	Suspension Basket 挂篮		1.10 × 2.95 × 0.92	5.25	4
39	Small Superlift Counterweight Tray 超起配重小托盘		10.10 × 3.23 × 1.08	13.36	1
40	Superlift Counterweight Tray 超起配重托盘		10.12 × 4.94 × 1.88	30.2	1
41	Upperstructure Guardrail 上车护栏		2.60 × 1.50 × 1.00	0.30	1
42	Central Crane Mat Plate 中路基板		5.00 × 2.00 × 0.236	4.2	12
43	Slope Crane Mat Plate 斜路基板		1.50 × 2.10 × 0.236	1.01	2

Note 注释:

- In non-superlift working conditions, item No. 35 and item No. 36 combine to form item No. 37.
 - In superlift working conditions, item No. 36 and item No. 39 can combine to form item No. 40.
 - The weight of the 350t hook in item No. 32 (7.9~13.9) includes the hook counterweight blocks.
 - The upperstructure guardrail is for assembly and scattered parts transport.
- ①、非超起工况时，序号35和序号36组合为序号37；
 ②、超起工况时，序号36和序号39可组合序号40；
 ③、序号32中350t吊钩的重量(7.9~13.9)中包含吊钩配重块。
 ④、上车护栏为装配散件运输。

05 | Main Characteristics

主要特性

1 Product Specification 产品规格

Cab 驾驶室

- Retains the classic Porsche helmet-style industrial design, with a tilt adjustment range of 0~25°, and a sliding door structure for easier operation. The cab features a fully enclosed steel frame structure with large high-strength tempered glass windows on the front, sides, and top, offering a wider field of view. The top structure is reinforced with a protective railing, and stainless steel handrails provide extra reliability.
- Air suspension seat with a safety switch, allowing for height adjustments at any position for optimal comfort. It includes a Yantai Denso air conditioner with redesigned air outlet positioning for faster cooling. The left and right armrest boxes have a button-free design, with redesigned control handles and buttons for more ergonomic placement. The cab is equipped with three 12.8-inch smart touchscreens, programmable smart buttons, and a new UI design for a more intuitive human-machine interface. The armrest box can adjust in sync with the seat or independently for the most comfortable position, suitable for drivers of various sizes. Additionally, a secondary seat is installed next to the main driver's seat, accommodating two operators, making it more user-friendly.
- 沿用经典保时捷头盔式工业造型，可0~25°俯仰调节，滑移门结构，操作更便捷；采用全密封式钢框架结构，正面、侧面及顶部均安装有大范围高强度钢化玻璃，视野更开阔；顶部护栏结构加强，不锈钢扶手更牢靠；
- 带安全开关空气悬浮式座椅，任意高度位置调节，驾乘舒适；采用烟台电装空调，风口位置重新布局，制冷更快；左、右扶手箱去按键化设计，操纵手柄、控制按钮等电气件重新选型，布局更合理；采用3个12.8寸三联智慧可触摸大屏，可编程智能按键开关，全新UI设计，人机交互更便捷；扶手箱可随座椅同步调节或座椅单独调节至最合适位置，满足不同体型驾驶员，操作更舒适。同时主驾驶旁边配备了副驾驶座，可容纳两名操作手，更加人性化。

Engine 发动机

- Model: Weichai WP14T Engine (compliant with China Off-Road Stage III emission standards).
- Rated Power: 562kW.
- Rated Speed: 1900rpm.
- Maximum Output Torque: 2900N·m.
- Maximum Torque Speed: 1200~1500rpm.
- 潍柴WP14T发动机(符合中国非道路国三排放标准)；
- 额定功率：562kW；
- 额定转速：1900rpm；
- 最大输出扭矩：2900N·m；
- 最大扭矩转速：1200~1500rpm。

Hydraulic System 液压系统

- The hydraulic system includes: hoisting hydraulic system, traveling hydraulic system, slewing hydraulic system, luffing hydraulic system, servo hydraulic system, anti-back-tilt hydraulic system, cooling system, and auxiliary hydraulic system.
- Features: All hydraulic systems for hoisting, traveling, luffing, and slewing adopt a closed-loop design, offering energy-saving, high efficiency, quick response, low heat generation, and extended lifespan.
- The servo system uses electro-proportional control components for precise and intelligent control.
- The anti-back-tilt hydraulic system uses an externally controlled external leakage balance valve installed on the cylinder for safety and reliability.
- The cooling hydraulic system features high cooling power and excellent cooling performance.
- 液压系统包括：提升液压系统、行走液压系统、回转液压系统、变幅液压系统、伺服液压系统、防后倾液压系统、冷却系统、辅助液压系统等；
- 特点：提升、行走、变幅、回转液压系统全部采用闭式回路，具有节能、高效、操作响应快、发热量少、寿命长等特点；
- 伺服系统都采用电比例控制元件，便于实现精确和智能控制；
- 防后倾液压系统，采用外控外泄式平衡阀，并安装在油缸上，安全可靠；
- 冷却液压系统，具有散热功率大，冷却效果良好的特点。

Electrical Control System 电气控制系统

- SYMC Integrated Control System: Independently developed by SANY, this system features high integration, precise operation, and reliable quality.
- Control System: Comprises the power system, engine system, main control system, load moment limiter system, auxiliary system, and safety monitoring and management system. Data communication between the controller, display, and engine is achieved using CAN bus technology.
- Remote Monitoring System: A newly developed app enables real-time monitoring of equipment status, intelligent maintenance reminders, fault alarms, construction data push notifications, one-touch service requests, and equipment health management, providing users with peace of mind.
- Remote Wireless Control System: Optional, allows operation of all main mechanisms and auxiliary cylinder actions. Equipped with a display to show engine and load moment limiter data, making operation simpler, more convenient, and safer.
- 采用三一自主研发SYMC集成控制系统，系统集成度高，操作精准，质量可靠；
- 控制系统：由电源系统、发动机系统、主控制系统、力矩限制器系统、辅助系统以及安全监控系统等系统组成。控制器、显示器、发动机之间应用CAN总线技术进行数据通讯；
- 远程监控系统：全新开发的APP，随时随地可以掌握设备状态，智能维护保养提醒、故障报警、施工数据推送、一键服务召请、设备健康管理等功能上线，让用户使用更加放心；
- 远程无线遥控系统：可选配，操作所有主要机构和辅助油缸动作，配备显示器，可显示发动机及力矩限制器相关数据，让操作更加简单、方便、安全。

05

Main Characteristics

主要特性

1 Product Specification 产品规格

Additional Devices 额外装置

- Track Outrigger (standard).
- Lowerstructure Support Cylinder (standard).
- Self-assembly/Disassembly Cylinder for Crawler Tracks (located on the main luffing mast).
- Mobile Pump Station.
- Transport Bracket.
- 侧扳起支腿(标配);
- 下车支腿油缸(标配);
- 履带自装卸油缸(位于主变幅桅杆);
- 移动泵站;
- 运输支架。

Working Weight 工作重量

- Working Weight: 715t, including upperworks, undercarriage, basic machine rear counterweight, central counterweight, and a 37.5m basic boom.
- 工作重量约为715t, 包括上车, 下车, 主机后配重, 中央配重, 37.5m基本臂。

Counterweight 配重

- Counterweight includes central counterweight, basic machine rear counterweight, superlift counterweight, and additional rear counterweight. Specific parameters are as follows:
- 配重包括: 中央配重、主机后配重、超起配重、主机附加后配重具体参数如下:

Name 名称	QTY 数量	Length 长(m)	Width 宽(m)	Height 高(m)	Unit Weight 单件重量(t)
Carbody counterweight 中央配重	4	2.85	2.40	0.48	10
Carbody Counterweight Tray 中央配重托盘	2	3.17	2.80	1.20	20
Basic Machine Rear Counterweight 主机后配重	14	2.85	2.40	0.48	10
Basic Machine Rear Counterweight Tray 主机后配重托盘	2	3.45	2.82	2.70	15
Additional/Superlift Counterweight 附加 / 超起配重	25	2.85	2.40	0.48	10
	36	2.85	2.40	0.28	5
Additional/Superlift Counterweight Tray 附加 / 超起配重托盘	1	10.12	5.32	1.1	30
Superlift Small Counterweight Tray 超起配重小托盘	1	3.6	3.1	1.1	10

Boom 主臂

- The boom features a uniform cross-section in the middle and variable cross-sections at both ends, forming a space truss structure made of welded steel tubes. The top and base of the boom are reinforced with steel plates to improve load transfer.
- Components: 12m boom base H2 × 1, 1.5m boom head × 1, boom head pulley block × 2.
- 臂架为中间等截面, 两端变截面的空间桁架式结构, 钢管焊接, 臂架顶部与根部用钢板加强, 更有利于传递载荷;
- 组成: H2下节臂12m×1、主臂臂头1.5m×1、臂头滑轮组×2。

CK-boom 宽臂

- The CK-boom features variable cross-sections at both ends and a uniform cross-section in the middle, forming a space truss structure made of welded steel tubes. The top and base are reinforced with steel plates to improve load transfer.
- Length: 96m.
- Components: 12m CK-boom lower transition section CK4A × 1, 12m CK-boom upper transition section CK4B × 1, 12m CK-boom insert CK8A × 4, 12m CK-boom insert CK8B × 1, 6m CK-boom insert CK6A × 2.
- 臂架两端为变截面, 中间为等截面的空间桁架式结构, 钢管焊接, 臂架顶部与根部用钢板加强, 更有利于传递载荷;
- 宽臂长度为96m;
- 组成: CK4A宽臂下过渡节12m×1、CK4B宽臂上过渡节12m×1、CK8A宽臂12m中间臂12m×4、CK8B宽臂12m中间臂12m×1、CK6A宽臂6m中间臂6m×2。

Luffing Jib 变幅副臂

- The luffing jib features variable cross-sections at both ends and a uniform cross-section in the middle, forming a space truss structure made of welded steel tubes. The top and base are reinforced with steel plates to improve load transfer.
- Length: 57m.
- Components: 3m luffing jib insert LJ3A × 1, 12m luffing jib insert LJ8AA × 1, 6m luffing jib insert LJ6 × 1, 12m luffing jib insert LJ8A × 1, 12m luffing jib insert LJ8B × 1.
- 臂架两端为变截面, 中间为等截面的空间桁架式结构, 钢管焊接, 臂架顶部与根部用钢板加强, 更有利于传递载荷;
- 变幅副臂长度为57m;
- 组成: LJ3A变幅副臂3m中间臂3m×1、LJ8AA变幅副臂12m中间臂12m×1、LJ6变幅副臂6m中间臂6m×1、LJ8A变幅副臂12m中间臂12m×1、LJ8B变幅副臂12m中间臂12m×1。

E-jib 鹰嘴臂

- The E-jib features variable cross-sections at both ends and a uniform cross-section in the middle, forming a space truss structure made of welded steel tubes. The top and base are reinforced with steel plates to improve load transfer.
- Length: 6m+9m.
- Components: 6m E-jib connecting head E1 × 1, 9m E-jib E2 × 1.
- 臂架两端为变截面, 中间为等截面的空间桁架式结构, 钢管焊接, 臂架顶部与根部用钢板加强, 更有利于传递载荷;
- 鹰嘴臂长度为6m+9m;
- 组成: E1鹰嘴臂连接节6m×1、E2鹰嘴臂9m×1。

05 | Main Characteristics

主要特性

1 Product Specification 产品规格

Superlift Device 超起装置

- The superlift mast features variable cross-sections at both ends and a uniform cross-section in the middle, forming a space truss structure made of welded steel tubes. The top and base are reinforced with steel plates to improve load transfer.
- Length: 42m and 48m.
- Components: 12m superlift mast base D2 × 1, 12m superlift mast insert D6 × 1, 6m superlift mast insert D4 × 2, 12m superlift mast top D1 × 1.
- 超起桅杆臂架两端为变截面，中间为等截面的空间桁架式结构，钢管焊接，臂架顶部与根部用钢板加强，更有利于传递载荷；
- 超起桅杆长度为42m和48m；
- 组成：D2超起桅杆下节臂12m × 1、D6超起桅杆12m中间臂12m × 1、D4超起桅杆6m中间臂6m × 2、D1超起桅杆上节臂12m × 1。

Hook 吊钩

- With the following parameters:
- 具体参数如下：

Name 吊钩名称	Max. load weight 最大吊重量 (t)	QTY 数量	No. of pulleys 滑轮数	Unit weight 单件重量 (t)
350t hook (double pulley blocks) 吊钩(双滑轮组)	350	1	2 × 5	7.9
Hook counterweight 吊钩配重	-	8	-	0.75

Hoisting Winch Mechanism 提升卷扬机构

- A variable hydraulic motor drives the planetary gear reducer, controlling both main hoist I and main hoist II for lifting and lowering, offering excellent micro-speed performance. The fastest gear allows for high-speed power hoisting for both main hoist I and II.
- Winding: The zigzag drum multi-layer winding design prevents rope disorder, while the reducer offers low noise, high efficiency, long lifespan, and easy oil changes.
- 变量液压马达驱动行星齿轮减速机，来控制主提升I、主提升II的起升降落，同时具有良好的微速性能，最快档可以实现主提升I、主提升II快速动力提升；
- 折线式卷筒多层缠绕保证不乱绳，减速机具有低噪高效、寿命长、换油方便等特点。

Main Hoisting Mechanism 主提升机构

W1-1(Main Hoisting Mechanism 1)W1-1(主提升机构 1)

W1-2(Main Hoisting Mechanism 2)W1-2(主提升机构 2)

Rope Speed (outermost layer) 最外工作层绳速	0~170m/min
Wire Rope Diameter 钢丝绳直径	Φ32mm
Rated Single Line Pull 额定单绳拉力	23.5t

Luffing Winch Mechanism 变幅卷扬机构

- Includes: Main boom luffing mechanism and superlift luffing mechanism.
- Mechanism: Each luffing device uses a zigzag drum, driven by a hydraulic motor through a planetary reducer. It supports various combined actions and provides excellent micro-speed performance.
- 包括：主臂变幅机构、超起变幅机构；
- 各变幅装置采用折线式卷筒，由液压马达通过行星减速机驱动，可实现多种复合动作并具有良好的微速性能。

Main Luffing Mechanism W3 主变幅机构 W3

Rope Speed (outermost layer) 最外工作层绳速	60 × 2m/min
--------------------------------------	-------------

Superlift Luffing Mechanism W5 超起变幅机构 W5

Rope Speed (outermost layer) 最外工作层绳速	180m/min
--------------------------------------	----------

Slewing Mechanism 回转机构

- The slewing hydraulic system uses three motors driving spur gears through a planetary reducer, providing 360° rotation. The slewing speed ranges from 0 to 0.8 rpm, allowing stepless speed regulation. The slewing operation is smooth, with no impact during start and stop, and it features a mid-position free slewing function.
- Slewing Bearing Device: The system uses an external-tooth, triple-row roller slewing bearing. A transition ring enables separation of the basic machine and the undercarriage.
- 回转液压系统采用三马达通过行星减速机带动正齿轮驱动，可以提供360°旋转，回转速度为0~0.8rpm，可实现无级调速、回转无启动及停止冲击、运行平稳并具有中位自由滑转功能。
- 回转支承装置：采用三排滚柱式外齿回转支承。可通过转接环实现主机和下车分离。

Traveling Mechanism 行走机构

- Track Frame: Each track frame is equipped with an independent travel drive unit. The hydraulic travel motor drives the planetary gear reducer, which powers the drive wheels for independent traveling. The travel system has two speed modes: low speed provides sufficient traction to achieve 100% load travel, while high speed improves transfer efficiency. The travel drive also supports stepless speed regulation.
- Track Shoes: Manufactured using advanced casting techniques, the track shoes are made from high-strength, wear-resistant materials. After installation, the tension of the track can be adjusted by hydraulic cylinders, and adjusting the shims ensures optimal track tension.
- 履带架：每个履带架都有独立的行走驱动装置。由液压行走马达驱动行星齿轮减速机，并通过驱动轮的传动来实现独立行走。行驶系统有快慢二档速度，慢速，可提供足够的牵引力，实现100%带载行走；快速，可提供较快速度，提高转场效率。行走驱动也可实现无极变速；
- 履带板：采用先进铸造工艺，高强度、高耐磨性的材料制作而成，在设备上安装后，张紧程度可以通过液压油缸进行调节，调节垫片的位置达到理想的张紧度。

05

Main Characteristics

主要特性

2

Safety Devices 安全装置

Load Moment Limiter (LMI) 力矩限制器

- The load moment limiter is independently developed and forms a network with other controllers through CAN bus communication, ensuring safe and reliable control. The LMI can automatically detect the crane's lifted load and boom angle, and it displays the rated load, actual load, working radius, and allowable hook height.
- The LMI system consists of a large color display, main unit, angle sensor, load sensor, and pressure sensor.
- 采用自主研发的力矩限制器，通过CAN总线与其它控制器组成网络，实现安全可靠的控制。力矩限制器能自动检测出起重机所吊载的重量及起重臂所处的角度，并能显示出其额定载重量和实际载荷、工作半径、吊钩的允许高度；
- 力矩限制器系统由大屏幕彩色显示器、主机、角度传感器、拉力传感器和压力传感器等组成。

Anti-Overhoist Device for Main and Auxiliary Hooks 主、副吊钩防过卷装置

- This device prevents the hooks from being lifted too high. When the hook reaches a certain height, the limit switch activates, the control system automatically cuts off the hoisting operation, and both the display and buzzer issue an alarm. At this point, only the lowering operation can be performed, preventing overhoisting.
- 用于防止吊钩过提升。当起重钩提升到一定高度时，限位开关动作，控制系统自动切断起重钩的提升动作，同时显示器及蜂鸣器报警，此时只能进行起重钩下降的操作，从而防止起重钩过卷现象出现。

Anti-Overlowering Device for Main and Auxiliary Hooks 主、副吊钩防过放装置

- This device prevents the winch wire rope from being over-lowered. When the rope reaches the last three wraps, the limit switch activates, the control system automatically cuts off the lowering operation, and both the display and buzzer issue an alarm. At this point, only the winding operation can be performed, preventing overwinding.
- 用于防止卷扬钢丝绳的过放。当钢丝绳放至最后三圈时，限位开关动作，控制系统自动切断放绳动作，同时显示器及蜂鸣器报警，此时只能进行收绳操作，从而防止起重钩过放现象出现。

Boom Limit Device 起重臂限位装置

- When the boom angle exceeds 86°, the corresponding limit switch activates, the control system automatically cuts off the boom hoisting operation, and both the display and buzzer issue an alarm. At this point, the boom hoisting function is disabled, but the lowering operation is still allowed.
- When the boom lowering angle is less than 30°, the control system automatically cuts off the boom lowering operation, and both the display and buzzer issue an alarm. The boom lowering function will be restricted, with the protection managed by the LMI.
- 主臂仰角大于86°时，相应的限位开关动作，控制系统自动切断臂架起升动作，同时显示器及蜂鸣器报警。此时相应变幅卷扬起升操作不起作用，但下降操作可以实现；
- 当主臂下放角度小于30°时，控制系统将自动切断臂架下降动作，同时显示器及蜂鸣器报警。此时相应臂架下降操纵将被限制，此保护功能由力矩限制器自动控制。

Boom Back-stop Device 起重臂防后倾装置

- A pair of back-stop cylinders is installed on both the main boom and the superlift mast. These cylinders must be overcome to tilt the boom backward. The hydraulic system automatically supplies high-pressure oil to tension the boom when it moves forward, preventing vibrations and back-tilt during operation.
- The fixed jib mast has a pair of anti-back-tilt devices, while the luffing jib mast has a pair of oil-gas cylinders to prevent back-tilt and tension the luffing jib wire ropes.
- 主臂及超起桅杆各有一对防后倾油缸，臂架向后倾斜时需克服防后倾油缸的高压，臂架向前摆出时液压系统自动补充高压油，张紧臂架，防止臂架在工作过程中振动及后倾；
- 副臂固定桅杆有一对防后倾装置，副臂变幅桅杆有一对油气缸防止桅杆后倾及张紧副臂变幅钢丝绳。

Hoisting Mechanism Brakes 提升机构制动器

- All hoisting brakes adopt spring-loaded, normally-closed disc brakes, providing high braking force, maintenance-free operation, safety, reliability, and long lifespan.
- 各提升制动器采用弹簧加载常闭式片式制动器，制动力大、免维护、使用安全可靠，寿命长。

Closed-Circuit Monitoring System 闭路监视系统

- The dual-display multi-camera closed-circuit monitoring system can display up to four monitoring screens simultaneously on each display. It allows real-time monitoring of wire rope winding conditions, superlift counterweight status, and the surroundings of the equipment.
- Equipped with a video recorder that can store video footage for up to 76 hours.
- It can also record the machine's operational data.
- 双显示屏多摄像头闭路监视系统，每个屏最多可同时显示四个监视画面。可实现对各卷扬机构钢丝绳缠绕情况、超起配重的状态及设备周围情况的实时监控；
- 带视频记录仪，可存储视频监视画面，最大存储时间可达76小时；
- 可记录车子运行情况。

Fault Self-Diagnosis System 故障自诊断系统

- Faults can be easily diagnosed and resolved based on error codes.
- 可以根据故障代码方便地排除故障。

05 | Main Characteristics

主要特性

2 Safety Devices 安全装置

Black Box 黑匣子

- Records operator actions and machine operational data, allowing for analysis of the equipment's remaining usage and lifespan based on actual operating conditions.
- 可以将司机的操作及设备的运行数据记录下来。并可根据设备的实际运行情况，对设备的剩余使用情况和寿命进行分析。

Pharos 航标灯

- Installed at the top of the boom as a high-altitude warning during nighttime operations.
- 安装在臂架顶部，夜间高空警示。

Anemometer 风速仪

- It is mounted on the top of the boom/jib to monitor the wind speed in real time and display relative data on the monitor.
- 安装在臂架顶部，实时监测风速，并在监视器上显示。

Electronic Level Indicator 电子水平仪

- The monitor displays the crane's tilt angle in real-time, ensuring safe crane operation.
- 在监视器上实时显示起重机的倾斜角度，保护起重机的安全运行。

Lightning Protection Device 防雷击保护装置

- Includes lightning grounding devices and surge protection devices to effectively protect electrical components and personnel from lightning strikes.
- 包括防雷接地装置与电涌保护装置，可有效防止雷击时，电气系统元器件的伤害与对工作人员的伤害。

Hook Latch 起重钩防脱卡

- The lifting hook is installed with a baffle plate to prevent wire rope from falling off.
- 起重钩上安装有防止钢丝绳脱落的挡板。

Swing and Traveling Alarm 回转及行走声光报警

- When the machine is swinging or traveling, the horn will send out alarm per certain frequency, and warning indicator light flashes, to warn the people around the machine. This can be turned off in the control system.
- 回转及行走时，报警喇叭按一定频率鸣叫，同时警示灯闪烁，对起重机周围的人员进行警示提醒，可以通过显示器关闭。

Function Lock 操纵解除

- The operation will be locked by pulling up the function locking lever on the right side of the seat inside the driver's cab or when the operator left the seat, after which no operating handles will be working so that improper operation caused by the body collision when getting on and off the crane can be avoided.
- 拉起司机室座椅右侧的功能锁定杆或操作人员离开座椅，所有操纵手柄不起作用，可以避免因上下车时身体碰撞而产生的误操作。

Regulation of Engine Power Ultimate Load and Stalling Protection 发动机功率极限载荷调节及失速保护

- The controller can monitor the engine power so as to prevent stalling.
- 控制器对发动机功率进行监控，防止发动机憋车及失速。

Remote Monitoring System 远程监控系统

- It monitors and analyzes the operation data so as to realize remote diagnosis of faults and timely solution.
- 进行运行数据监测，对运行数据进行分析，从而对故障远程诊断，及时解决问题。

Proactive Safety Control Technology 主动安全控制技术

- Swing speed can be automatically reduced based on boom length to make it safer.
- Flexible safety protection reduces the speed when the mechanism approaches to the safety limit position, which ensures reliability.
- Real-time monitor of hydraulic oil temperature allows limits on the action speed based on oil temperature, which protect the hydraulic components effectively.
- The protection can be set on man-machine interface as customer needs.
- 根据臂架长度自动降低回转速度，更安全；
- 柔性安全保护，接近安全限位条件时柔性降低动作速度，更稳定可靠；
- 实时监控液压油温，根据液压油温进行动作速度限制，有效保护液压元器件；
- 人机界面可选择此保护功能有效或无效，更人性化。

Additional Rear Counterweight Control Technology 附加后配重控制技术

- Flexible safety protection: when approaching safety limits, the operation speed is flexibly reduced for more stable and reliable operation.
- Displays the utilization rate of the additional rear counterweight when it is not off the ground, alerting the operator to potential back-tilt risks.
- During hook suspension, if the actual additional counterweight reaches 95% of the maximum floating counterweight, an alarm alerts the operator that the counterweight is about to leave the ground. If the actual additional counterweight reaches 105% of the maximum floating counterweight, operation is restricted, preventing the operator from further raising the cylinder and avoiding back-tilt risks.
- 柔性安全保护，接近安全限位条件时柔性降低动作速度，更稳定可靠；
- 在附加配重没有离地时可显示附加后配重利用率，让操作手知道是否有后倾风险；
- 空钩状态进行悬吊时，当实际附加配重达到最大悬浮配重的95%时报警，提醒操作手附加配重即将离地，当实际附加配重达到最大悬浮配重的105%时联动，禁止操作手继续提油缸，防止后倾风险。

06

Combination

工况组合

1 Standard Configuration 标准工况

2 Superlift Configuration 超起工况



H_CK
(25.5m~121.5m)

HJHE_CK
(108m+9m)~(138m+9m)

HDB_CK
(43.5m~163.5m)

HJHEDB_CK
(126m+9m)~(177m+9m)

Configuration 工况	Combination 臂架组合	Boom Length 臂长
H_CK	Boom Base + CK-boom + Luffing Jib + Boom Head 主臂下节臂+ 宽臂+ 变幅副臂+主臂臂头	25.5m~121.5m
HJHE_CK	Boom Base + CK-boom + Luffing Jib + E-jib 主臂下节臂+ 宽臂+ 变幅副臂+ 鹰嘴臂	(108m+9m)~(138m+9m)
HDB_CK	Boom Base + CK-boom + Luffing Jib + Boom Head + Superlift 主臂下节臂+ 宽臂+ 变幅副臂+主臂臂头+ 超起	43.5m~163.5m
HJHEDB_CK	Boom Base + CK-boom + Luffing Jib + E-jib + Superlift 主臂下节臂+ 宽臂+ 变幅副臂+ 鹰嘴臂+ 超起	(126m+9m)~(177m+9m)

Note: The above diagrams are for reference regarding load situations.
注: 以上示意图仅做吊载情况参考。

06 | H_CK Configuration

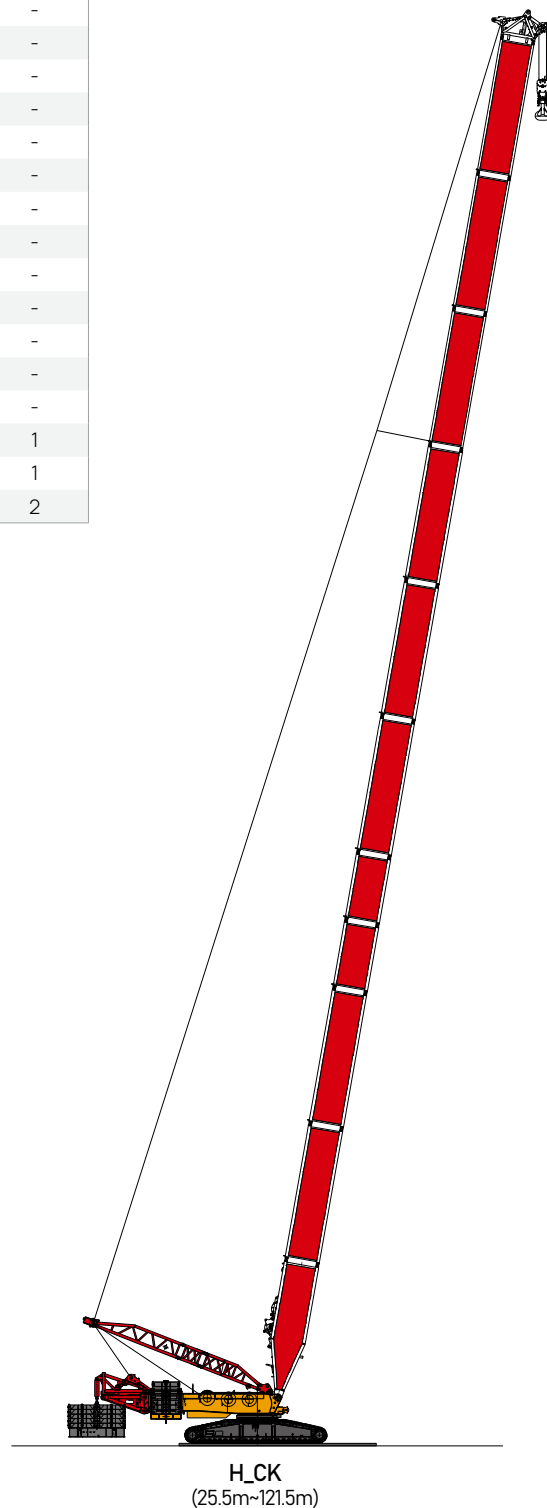
H_CK工况臂架组合

Boom length 臂长(m)	CK-boom 宽臂				Luffing Jib 变幅副臂		
	12m CK-boom 宽臂 CK8A	6m CK-boom 宽臂 CK6A	12m CK-boom 宽臂 CK8B	12m upper transition insert 上过渡节 CK4B	12m luffing jib 变幅副臂 LJ8AA	6m luffing jib 变幅副臂 LJ6	12m luffing jib 变幅副臂 LJ8A
25.5	-	-	-	1	-	-	-
31.5	-	1	-	1	-	-	-
37.5	-	2	-	1	-	-	-
43.5	1	1	-	1	-	-	-
49.5	1	2	-	1	-	-	-
55.5	2	1	-	1	-	-	-
61.5	2	2	-	1	-	-	-
67.5	2	1	1	1	-	-	-
73.5	2	2	1	1	-	-	-
79.5	2	1	2	1	-	-	-
85.5	2	2	2	1	-	-	-
91.5	2	2	2	1	-	1	-
97.5	2	2	2	1	1	-	-
103.5	2	2	2	1	1	1	-
109.5	2	2	2	1	1	-	1
115.5	2	2	2	1	1	1	1
121.5	2	2	2	1	1	-	2

Notes 注释:

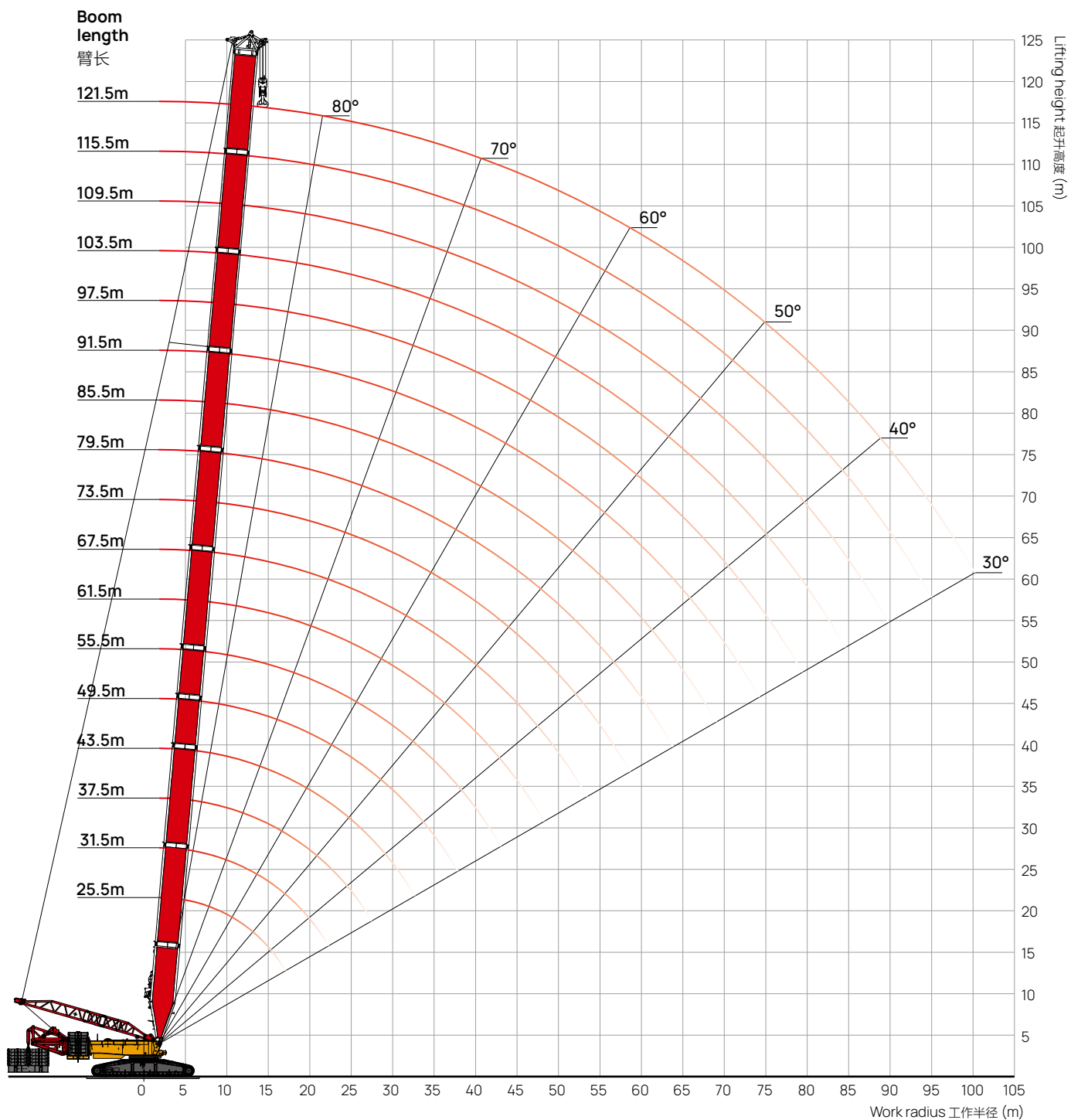
1. The 12m boom base, 1.5m boom head, and 1000t boom head pulley block are mandatory.
2. One section of CK8A can replace two sections of CK6A.

1. 主臂下节臂 12m 臂架、1.5m 主臂臂头、1000t 臂头滑轮组必选。
2. 一节CK8A可替换两节CK6A。



06 | Working Radius-H_CK

工况作业范围图-H_CK工况



06 | Load Chart-H_{CK}

工况载荷表- H_{CK}工况

Unit: t

 m	Boom Length: 25.5~121.5m; Carbody Counterweight: 80t; Rear Counterweight: 170t; Additional Rear Counterweight: 0t. 主臂长度25.5~121.5m, 中央配重80t, 后配重170t, 附加后配重0t																	 m
	25.5	31.5	37.5	43.5	49.5	55.5	61.5	67.5	73.5	79.5	85.5	91.5	97.5	103.5	109.5	115.5	121.5	
6	961																	6
6.5	948	947																6.5
7	870	847																7
7.5	804	765	709															7.5
8	747	698	650	607														8
9	632	592	556	524	495	468												9
10	544	514	486	460	436	415	394	376										10
11	477	452	430	409	390	372	354	339	324	311								11
12	423	404	385	368	351	336	321	308	295	284	272	261						12
13	380	364	348	333	319	306	293	282	270	260	249	240	231	223				13
14	341	331	317	304	292	280	269	259	249	240	230	222	214	206	199	192		14
15	305	303	291	280	269	258	248	239	230	222	213	206	198	191	185	178	173	15
16	275	276	268	258	248	239	230	222	213	206	198	191	184	178	172	166	161	16
17	251	251	249	240	231	222	214	207	199	192	184	178	172	166	161	155	150	17
18	230	230	230	223	215	207	199	193	185	179	172	166	161	155	150	145	140	18
19	211	212	212	208	201	194	186	181	174	168	161	156	151	145	141	136	132	19
20	195	196	196	195	188	182	175	169	163	158	151	146	141	136	132	128	124	20
22	169	170	169	168	167	161	155	150	144	140	134	130	125	121	117	113	109	22
24	147	149	148	147	146	144	138	134	129	124	119	115	111	107	104	100	97.3	24
26		131	131	130	129	127	124	120	115	112	107	103	99.7	96.1	93.2	89.6	86.6	26
28		117	117	116	114	113	111	109	104	100	96.2	92.9	89.4	86	83.3	80	77.2	28
30		104	104	104	102	101	99.4	98.6	94.4	91.1	86.7	83.6	80.3	77.2	74.7	71.5	68.9	30
32			94.5	93.8	92.3	90.9	88.9	88.2	85.6	82.5	78.4	75.4	72.3	69.3	67	64	61.6	32
34			85.3	84.7	83.3	81.9	79.9	79.2	77.1	74.9	70.9	68.1	65.2	62.3	60.1	57.3	55	34
36				76.8	75.4	74	72	71.3	69.2	68.1	64.3	61.6	58.8	56	54	51.2	49	36
38				69.8	68.5	67.1	65.1	64.3	62.2	61.1	58.3	55.7	53	50.4	48.4	45.7	43.7	38
40				63.5	62.2	60.9	58.9	58.1	56	54.9	52.7	50.4	47.7	45.2	43.4	40.8	38.8	40
44					51.6	50.3	48.4	47.6	45.4	44.3	42.1	40.9	38.6	36.2	34.5	32	30.2	44
48						41.6	39.7	38.9	36.8	35.6	33.4	32.2	30.8	28.6	27	24.7	22.9	48
52							32.4	31.7	29.5	28.4	26.1	25	23.6	22.1	20.6	18.3	16.7	52
56							26.1	25.5	23.4	22.3	20	18.8	17.4	16.1	15.1	12.9	11.3	56
60								20.2	18.1	17	14.7	13.6	12.1	10.8	10.1	8.1	6.5	60
64									13.4	12.4	10.1	9	7.6	6.2	5.5			64
68										8.3	6.1							68

Notes 注释:

1. Meets ISO4305 standards.

2. The rated load values in the table include the weights of the hook, wire rope, and other rigging; the lifting weight is derived by subtracting the total weight of the above items from the rated load.

1. 满足 ISO4305 标准。

2. 表中的额定载荷值包括吊钩、钢丝绳和其它吊具的重量, 额定载荷减去上述项目重量之和得出的才是起吊的重量。

06

Load Chart-H_{CK}

工况载荷表- H_{CK}工况

Unit: t

 m	Boom Length: 25.5~121.5m; Carbody Counterweight: 80t; Rear Counterweight: 170t; Additional Rear Counterweight: 280t. 主臂长度25.5~121.5m，中央配重80t，后配重170t，附加后配重280t																	 m
	25.5	31.5	37.5	43.5	49.5	55.5	61.5	67.5	73.5	79.5	85.5	91.5	97.5	103.5	109.5	115.5	121.5	
6	961																	6
6.5	961	961																6.5
7	961	961																7
7.5	961	961	961															7.5
8	961	961	961	961														8
9	961	961	961	961	961	927												9
10	933	933	931	930	929	927	823	725										10
11	840	839	838	837	835	834	824	732	696	627								11
12	763	762	761	760	758	756	751	724	692	630	595	568						12
13	699	698	697	695	693	686	683	667	643	620	591	535	512	488				13
14	644	643	642	640	639	637	624	617	597	578	559	535	484	462	444	429		14
15	597	596	595	593	591	590	588	572	556	539	522	507	460	440	423	408	393	15
16	556	555	554	552	550	549	547	537	520	505	490	476	463	420	403	390	375	16
17	520	519	518	516	514	513	510	503	488	475	461	448	436	425	386	373	360	17
18	488	487	486	484	483	481	479	474	460	447	435	423	412	401	392	358	345	18
19	459	459	458	456	454	452	450	447	434	423	411	401	390	380	372	362	332	19
20	434	433	432	431	429	427	425	423	411	401	390	380	370	361	353	344	337	20
22	387	390	388	387	385	383	381	380	371	362	352	344	336	328	321	313	306	22
24	347	353	352	351	349	347	345	344	337	329	321	313	306	299	293	286	280	24
26		322	322	320	318	316	314	313	309	302	294	287	281	274	269	263	257	26
28		293	294	293	292	290	288	287	284	278	270	265	259	253	248	242	237	28
30		268	268	267	266	264	262	262	260	257	250	245	239	234	229	224	220	30
32			246	245	243	242	240	239	237	236	232	227	222	217	213	208	204	32
34			226	226	224	223	221	220	218	217	215	212	207	202	198	194	190	34
36				209	207	206	204	203	201	200	198	197	193	189	185	181	177	36
38				194	192	191	189	188	186	185	183	182	180	177	173	169	166	38
40				180	179	178	176	175	173	172	170	168	167	166	163	159	156	40
44					157	155	153	153	150	149	147	146	145	143	143	140	137	44
48						137	135	134	132	131	129	128	126	125	124	123	122	48
52							120	119	117	116	113	112	111	109	109	107	106	52
56							107	106	104	103	100	99.7	98.3	96.9	96.2	94.8	93.9	56
60								95.2	93.1	92	89.7	88.6	87.1	85.8	85.1	83.6	82.7	60
64									83.4	82.3	80.1	78.9	77.5	76.2	75.4	74	73.1	64
68										73.8	71.6	70.5	69.1	67.7	67	65.5	64.6	68
72											64.1	63	61.6	60.3	59.5	58.1	57.1	72
76												57.4	56.3	54.9	53.6	52.9	51.4	76
80													50.3	49	47.7	46.9	45.5	80
84														43.6	42.3	41.6	39.2	84
88															37.4	36.7	35.2	88
92															32.9	32.2	30.8	92
96																28.2	26.7	96
100																	23	100
104																	18.7	104

Notes 注释:

1. Meets ISO4305 standards.

2. The rated load values in the table include the weights of the hook, wire rope, and other rigging; the lifting weight is derived by subtracting the total weight of the above items from the rated load.

1. 满足 ISO4305 标准。

2. 表中的额定载荷值包括吊钩、钢丝绳和其它吊具的重量，额定载荷减去上述项目重量之和得出的才是起吊的重量。

06

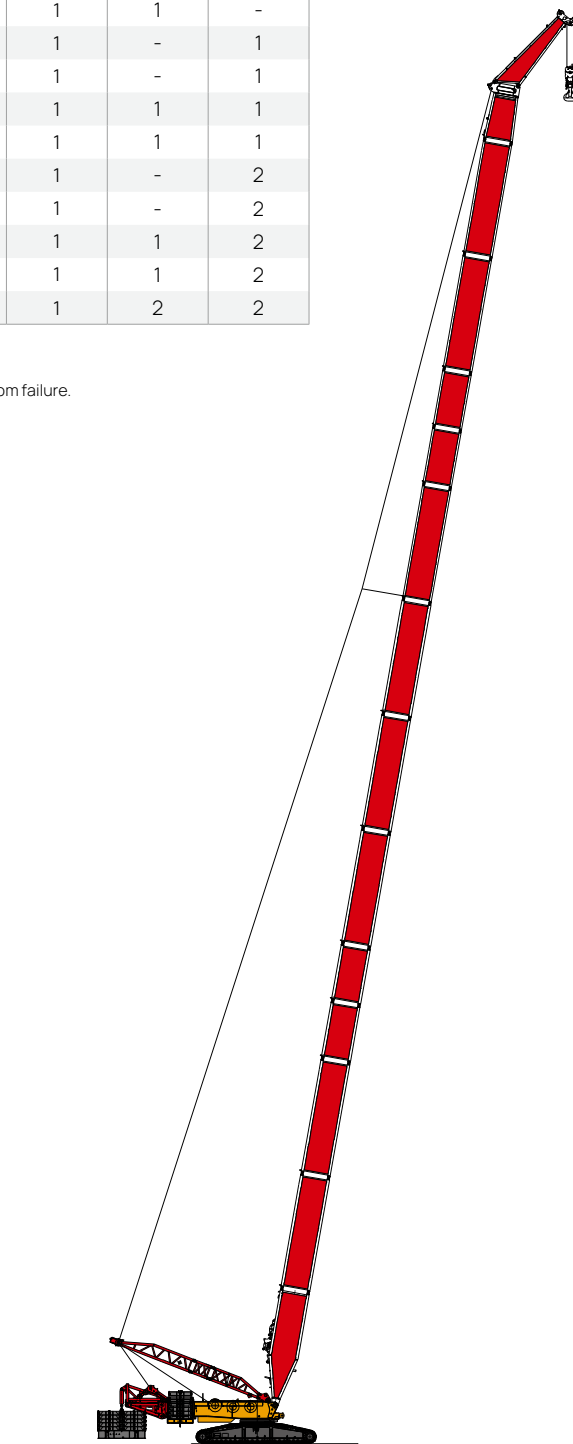
HJHE_CK Configuration

HJHE_CK工况臂架组合

Boom length 臂长(m)	CK-boom 宽臂				Luffing Jib 变幅副臂			
	12m CK-boom insert 宽臂中间臂 CK8A	6m CK-boom insert 宽臂中间臂 CK6A	12m CK-boom insert 宽臂中间臂 CK8B	12m upper transition insert 上过渡节 CK4B	3m luffing jib 变幅副臂 LJ3A	12m luffing jib 变幅副臂 LJ8AA	6m luffing jib 变幅副臂 LJ6	12m luffing jib 变幅副臂 LJ8A
108	2	2	2	1	-	1	1	-
111	2	2	2	1	1	1	1	-
114	2	2	2	1	-	1	-	1
117	2	2	2	1	1	1	-	1
120	2	2	2	1	-	1	1	1
123	2	2	2	1	1	1	1	1
126	2	2	2	1	-	1	-	2
129	2	2	2	1	1	1	-	2
132	2	2	2	1	-	1	1	2
135	2	2	2	1	1	1	1	2
138	2	2	2	1	-	1	2	2

Notes 注释:

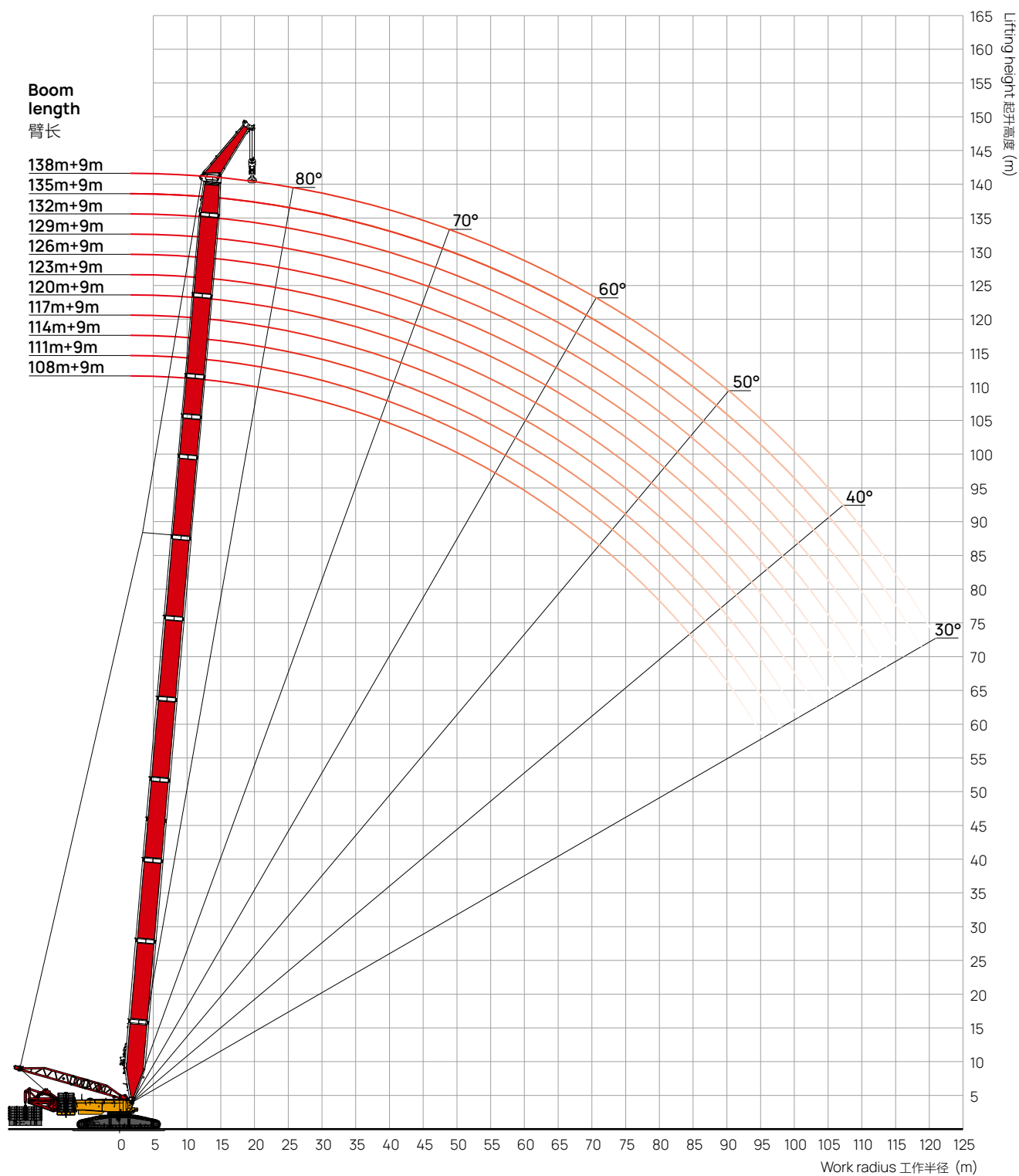
1. The 12m boom base, 6m connecting head E1, and 9m E-jib are mandatory for this configuration.
 2. For this boom length (108m to 135m), a mid-point suspension cable is mandatory; otherwise, there is a risk of boom failure.
 3. One section of CK8A can replace two sections of CK6A.
1. H2主臂下节臂 12m 臂架、E1鹰嘴臂6m连接节、E2鹰嘴臂9m必选。
 2. 此工况臂长(108m~135m)必选腰绳, 否则臂架有折断风险。
 3. 一节CK8A可替换两节CK6A。



HJHE_CK
(108m+9m)~(138m+9m)

06 | Working Radius-HJHE_CK

工况作业范围图- HJHE_CK工况



06

Load Chart-HJHE_CK

工况载荷表- HJHE_CK工况

Unit: t

	Boom Length: 108~138m; E-jib: 9m; Carbody Counterweight: 80t; Rear Counterweight: 170t; Additional Rear Counterweight: 0t. 主臂长度108~138m, 鹰嘴臂9m, 中央配重80t, 后配重170t, 附加后配重0t											
	108	111	114	117	120	123	126	129	132	135	138	
19	147	145	143	140								19
20	139	136	135	132	131	128	127					20
22	124	121	120	118	116	114	113	111	109	107	105	22
24	111	109	108	106	104	102	101	99.3	97.8	95.7	94.2	24
26	100	98.1	97.3	95.2	93.9	91.8	91	89	87.6	85.6	84.3	26
28	90.4	88.4	87.8	85.8	84.6	82.6	81.9	80	78.7	76.8	75.5	28
30	81.8	79.9	79.3	77.4	76.3	74.4	73.8	71.9	70.8	69	67.8	30
32	74.2	72.3	71.8	70	68.9	67.1	66.6	64.8	63.7	61.9	60.8	32
34	67.3	65.5	65.1	63.4	62.4	60.6	60.1	58.4	57.3	55.6	54.6	34
36	61.2	59.4	59.1	57.3	56.4	54.7	54.3	52.6	51.6	49.9	48.9	36
38	55.6	53.9	53.6	51.9	51	49.3	48.9	47.3	46.4	44.7	43.7	38
40	50.5	48.8	48.6	47	46.1	44.5	44.1	42.5	41.6	40	39	40
44	41.6	40	39.9	38.3	37.5	35.9	35.6	34	33.2	31.6	30.8	44
48	34.1	32.6	32.5	30.9	30.2	28.6	28.4	26.8	26.1	24.5	23.7	48
52	27.7	26.1	26.1	24.6	23.9	22.3	22.2	20.7	19.9	18.4	17.6	52
56	22.1	20.6	20.5	19.1	18.4	16.9	16.7	15.3	14.5	13.1	12.3	56
60	17.2	15.7	15.7	14.2	13.6	12.1	12	10.5	9.8	8.4	7.6	60
64	12.6	11.4	11.4	9.9	9.3	7.9	7.8	6.3	5.6			64
68	8.4	7.3	7.6	6.1	5.5							68
72												72

Notes 注释:

1. Meets ISO4305 standards.
2. The rated load values in the table include the weights of the hook, wire rope, and other rigging; the lifting weight is derived by subtracting the total weight of the above items from the rated load.

1. 满足 ISO4305 标准。
2. 表中的额定载荷值包括吊钩、钢丝绳和其它吊具的重量, 额定载荷减去上述项目重量之和得出的才是起吊的重量。

06

Load Chart-HJHE_CK

工况载荷表- HJHE_CK工况

Unit: t

	Boom Length: 108~138m; E-jib: 9m; Carbody Counterweight: 80t; Rear Counterweight: 170t; Additional Rear Counterweight: 280t. 主臂长度108~138m, 鹰嘴臂9m, 中央配重80t, 后配重170t, 附加后配重280t											
	108	111	114	117	120	123	126	129	132	135	138	
19	300	300	300	299								19
20	300	300	300	297	299	293	292					20
22	300	300	299	294	295	292	287	278	270	258	245	22
24	297	293	291	286	282	276	272	267	262	258	240	24
26	273	270	268	265	262	259	257	254	250	245	241	26
28	253	249	248	245	242	239	238	235	232	230	227	28
30	234	232	230	227	225	222	221	218	216	213	211	30
32	218	216	214	212	210	207	206	203	201	199	197	32
34	204	201	200	198	196	193	192	190	188	185	184	34
36	191	188	187	185	183	181	180	177	176	174	172	36
38	179	177	176	174	172	170	169	166	165	163	161	38
40	169	166	165	163	162	160	159	156	155	153	151	40
44	150	148	147	145	144	142	141	139	137	135	134	44
48	132	131	131	130	128	126	126	124	123	121	119	48
52	116	115	115	114	114	113	113	111	110	108	107	52
56	103	102	102	101	101	100	100	99.4	99	97.3	96.2	56
60	92.3	91.2	91.5	90.4	90.1	89	89.1	88	87.7	86.6	86.2	60
64	82.5	81.4	81.7	80.6	80.3	79.2	79.3	78.2	77.8	76.7	76.3	64
68	74	72.9	73.1	72	71.7	70.6	70.7	69.6	69.2	68.1	67.7	68
72	66.4	65.3	65.6	64.4	64.1	63	63.1	62	61.6	60.5	60.1	72
76	59.7	58.6	58.8	57.7	57.4	56.2	56.4	55.3	54.9	53.7	53.3	76
80	53.6	52.5	52.8	51.7	51.3	50.2	50.3	49.2	48.8	47.7	47.2	80
84	48.2	47.1	47.4	46.2	45.9	44.8	44.9	43.8	43.4	42.2	41.8	84
88	43.3	42.1	42.4	41.3	41	39.8	40	38.8	38.4	37.3	36.8	88
92	38.7	37.6	37.9	36.8	36.5	35.3	35.5	34.3	33.9	32.8	32.3	92
96	34.6	33.5	33.8	32.7	32.3	31.2	31.4	30.2	29.8	28.7	28.2	96
100	30.8	29.7	30	28.9	28.5	27.4	27.6	26.4	26	24.9	24.4	100
104	27.2	26.1	26.5	25.4	25	23.9	24.1	22.9	22.5	21.4	21	104
108			23.2	22.1	21.8	20.7	20.8	19.7	19.3	18.2	17.7	108
112				19	18.7	17.6	17.8	16.7	16.3	15.2	14.7	112
116						14.8	15	13.9	13.5	12.4	11.9	116
120								11.2	10.9	9.7	9.3	120
124									8.4	7.3	6.8	124

Notes 注释:

1. Meets ISO4305 standards.

2. The rated load values in the table include the weights of the hook, wire rope, and other rigging; the lifting weight is derived by subtracting the total weight of the above items from the rated load.

1. 满足 ISO4305 标准。

2. 表中的额定载荷值包括吊钩、钢丝绳和其它吊具的重量,额定载荷减去上述项目重量之和得出的才是起吊的重量。

06

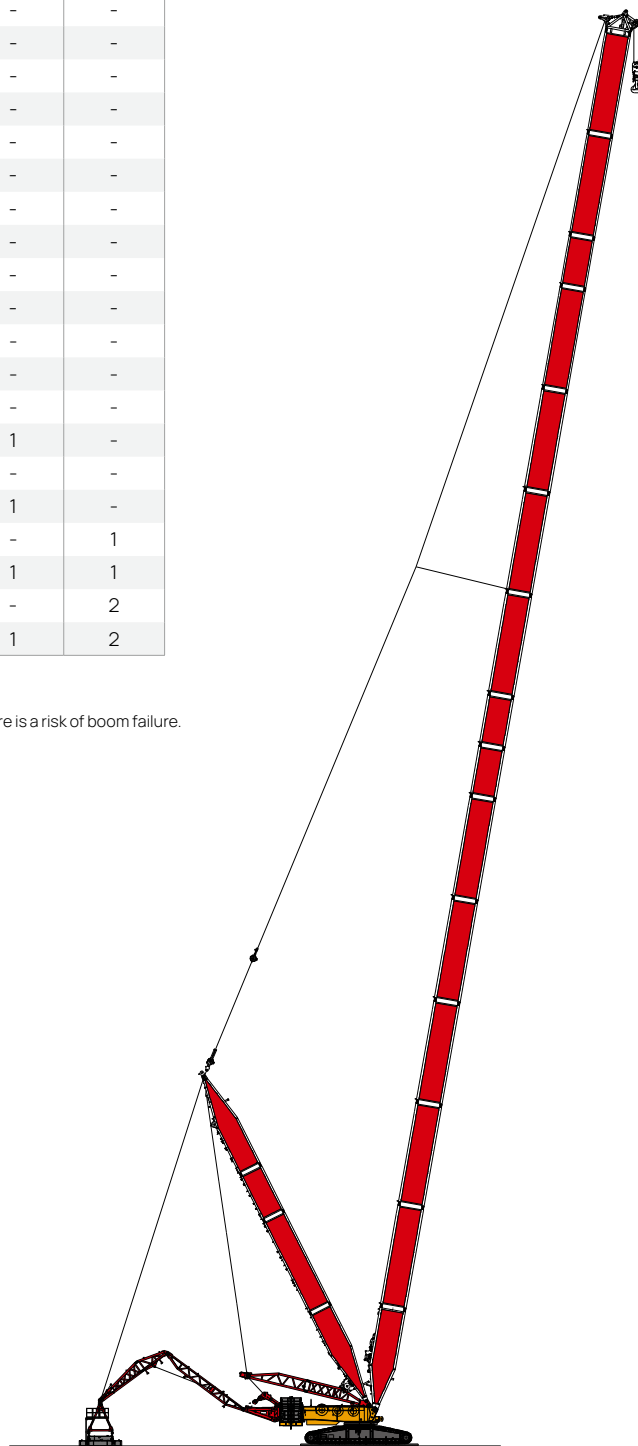
HDB_CK Configuration

HDB_CK工况臂架组合

Boom length 臂长(m)	CK-boom 宽臂				Luffing Jib 变幅副臂		
	12m CK-boom 宽臂 CK8A	6m CK-boom 宽臂 CK6A	12m CK-boom 宽臂 CK8B	12m upper transition insert 上过渡节 CK4B	12m luffing jib 变幅副臂 LJ8AA	6m luffing jib 变幅副臂 LJ6	12m luffing jib 变幅副臂 LJ8A
43.5	1	1	-	1	-	-	-
49.5	1	2	-	1	-	-	-
55.5	2	1	-	1	-	-	-
61.5	2	2	-	1	-	-	-
67.5	2	1	1	1	-	-	-
73.5	2	2	1	1	-	-	-
79.5	2	1	2	1	-	-	-
85.5	2	2	2	1	-	-	-
91.5	3	1	2	1	-	-	-
97.5	3	2	2	1	-	-	-
103.5	4	1	2	1	-	-	-
109.5	4	2	2	1	-	-	-
115.5	5	1	2	1	-	-	-
121.5	5	2	2	1	-	-	-
127.5	5	2	2	1	-	1	-
133.5	5	2	2	1	1	-	-
139.5	5	2	2	1	1	1	-
145.5	5	2	2	1	1	-	1
151.5	5	2	2	1	1	1	1
157.5	5	2	2	1	1	-	2
163.5	5	2	2	1	1	1	2

Notes 注释:

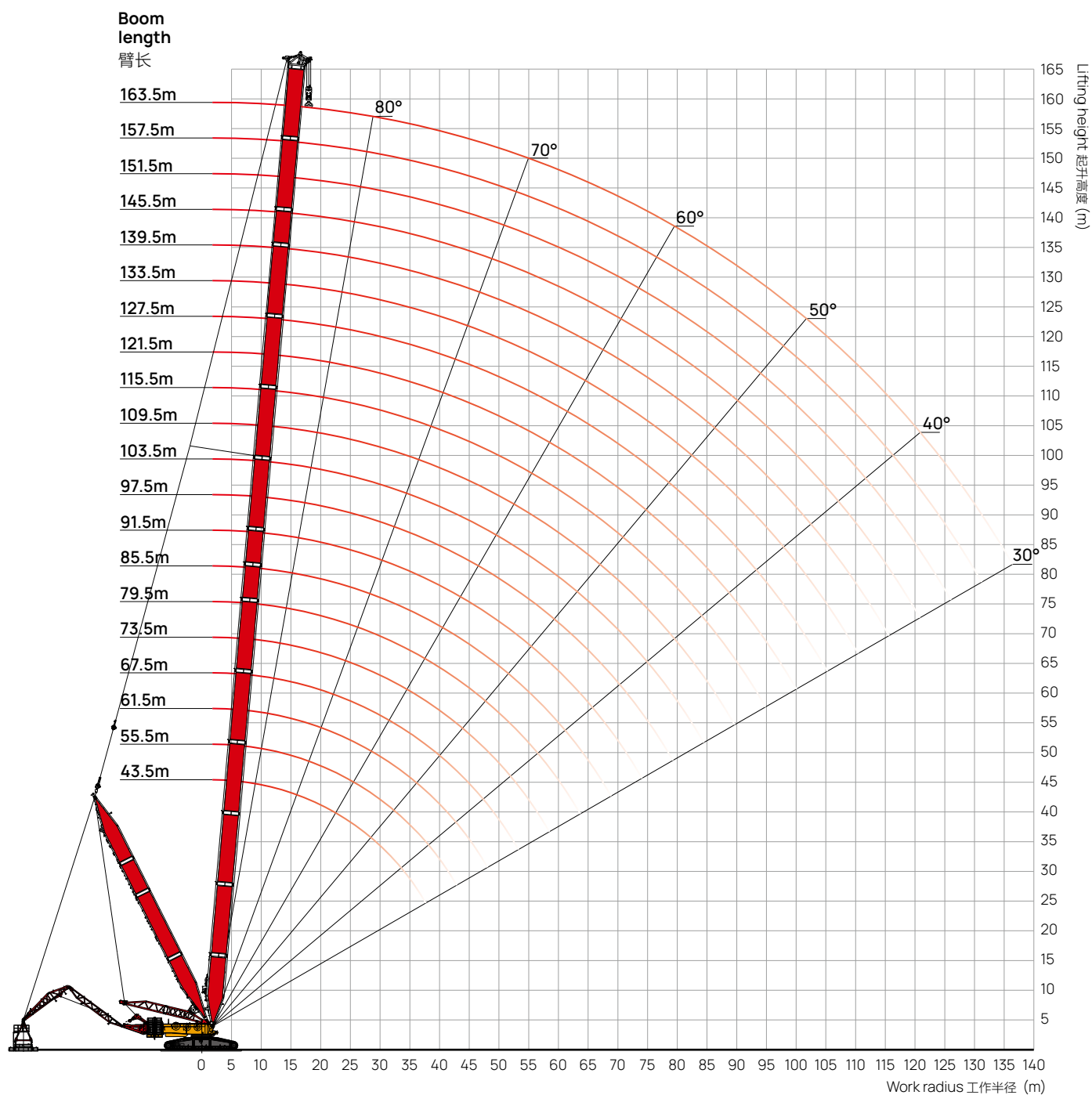
1. The 12m boom base, 1.5m boom head, and 1000t boom head pulley block are mandatory.
 2. For this boom length (109.5m to 157.5m), a mid-point suspension cable is mandatory; otherwise, there is a risk of boom failure.
 3. One section of CK8A can replace two sections of CK6A.
1. 主臂下节臂12m 臂架、1.5m 主臂臂头、1000t臂头滑轮组必选。
 2. 此工况臂长(109.5m~157.5m)必选腰绳，否则臂架有折断风险。
 3. 一节CK8A可替换两节CK6A。



HDB_CK
43.5m~163.5m

06 | Working Radius-HDB_CK

工况作业范围图- HDB_CK工况



06 | Load Chart-HDB_CK

工况载荷表- HDB_CK工况

Unit: t

 m	Boom Length: 43.5~163.5m; Carbody Counterweight: 80t; Rear Counterweight: 170t; Superlift Counterweight: 0t. 主臂长度43.5~163.5m, 中央配重80t, 后配重170t, 超起配重0t												 m
	43.5	49.5	55.5	61.5	67.5	73.5	79.5	85.5	91.5	97.5	103.5	109.5	
8	792												8
9	685	650	614										9
10	603	575	546	521	498								10
11	538	515	491	469	450	431	415						11
12	485	465	445	427	411	394	380	365	350				12
13	441	424	406	391	377	362	349	336	323	311	300		13
14	403	389	374	360	347	335	323	312	300	289	279	268	14
15	372	359	345	333	322	311	300	290	279	269	260	250	15
16	344	333	321	309	300	289	280	270	261	251	243	234	16
17	320	310	299	289	280	270	262	253	244	236	227	219	17
18	299	290	280	270	262	254	246	238	229	221	214	206	18
19	280	272	262	254	247	238	231	224	216	208	201	194	19
20	264	256	247	239	232	225	218	211	203	196	190	183	20
22	232	228	220	213	208	201	195	189	182	176	170	163	22
24	205	204	198	192	187	181	176	170	164	158	152	147	24
26	182	181	180	174	169	164	159	154	148	143	138	132	26
28	164	163	161	158	154	149	145	140	135	130	125	120	28
30	148	147	145	143	141	136	133	128	123	118	114	109	30
32	134	133	131	130	129	125	122	117	112	108	103	99.3	32
34	123	122	120	118	117	115	112	107	103	99	95	90.6	34
36	113	111	110	108	107	105	103	99.3	95.1	90.8	86.9	82.7	36
38	103	102	100	99	98.4	96.4	95.4	91.6	87.5	83.4	79.7	75.6	38
40	95.9	94.6	92.9	91	90.3	88.3	87.3	84.7	80.7	76.7	73.1	69.1	40
44		80.9	79.2	77.2	76.6	74.5	73.5	71.4	68.9	65	61.6	57.8	44
48			67.9	66	65.3	63.2	62.2	60	57.8	55.2	51.9	48.2	48
52				56.6	55.9	53.8	52.8	50.6	48.4	46.1	43.6	40	52
56				48.5	47.9	45.8	44.8	42.6	40.4	38.1	36.1	32.9	56
60					40.9	38.9	37.9	35.7	33.5	31.2	29.2	26.6	60
64						32.9	31.9	29.7	27.5	25.2	23.1	20.7	64
68							26.6	24.4	22.2	19.9	17.9	15.4	68
72								19.7	17.6	15.2	13.2	10.8	72
76								15.5	13.4	11.1	9	6.6	76
80									9.6	7.3	5.3		80

Notes 注释:

1. Meets ISO4305 standards.

2. The rated load values in the table include the weights of the hook, wire rope, and other rigging; the lifting weight is derived by subtracting the total weight of the above items from the rated load.

1. 满足 ISO4305 标准。

2. 表中的额定载荷值包括吊钩、钢丝绳和其它吊具的重量, 额定载荷减去上述项目重量之和得出的才是起吊的重量。

06

Load Chart-HDB_CK

工况载荷表- HDB_CK工况

Unit: t

 m	Boom Length: 43.5~163.5m; Carbody Counterweight: 80t; Rear Counterweight: 170t; Superlift Counterweight: 0t. 主臂长度43.5~163.5m, 中央配重80t, 后配重170t, 超起配重0t									 m
	115.5	121.5	127.5	133.5	139.5	145.5	151.5	157.5	163.5	
14	259									14
15	241	232	225							15
16	226	217	211	204	197					16
17	212	204	198	191	185	180	174			17
18	199	192	186	180	174	169	164	159	154	18
19	187	180	175	169	164	159	154	150	145	19
20	177	170	165	159	154	150	145	141	136	20
22	158	152	147	142	138	134	129	126	121	22
24	141	136	132	127	123	120	116	112	108	24
26	127	122	118	114	110	107	104	100	97.2	26
28	115	110	107	103	99.8	96.9	93.4	90.5	87	28
30	104	100	96.7	93.2	89.9	87.3	83.9	81.2	77.9	30
32	95.2	90.6	87.5	84.2	81.1	78.6	75.4	72.9	69.7	32
34	86.6	82.2	79.3	76.1	73.1	70.8	67.8	65.4	62.4	34
36	78.9	74.6	71.8	68.8	65.9	63.8	60.9	58.6	55.7	36
38	71.9	67.7	65	62.1	59.4	57.3	54.6	52.4	49.6	38
40	65.5	61.5	58.9	56.1	53.4	51.5	48.8	46.7	44	40
44	54.4	50.5	48.1	45.5	43	41.2	38.6	36.7	34.1	44
48	44.9	41.2	38.9	36.4	34	32.4	30	28.2	25.7	48
52	36.8	33.2	31	28.6	26.4	24.8	22.5	20.8	18.4	52
56	29.8	26.2	24.2	21.8	19.7	18.2	15.9	14.3	12	56
60	23.6	20.2	18.1	15.9	13.8	12.3	10.2	8.6	6.4	60
64	18.2	14.8	12.8	10.6	8.5	7.2	5			64
68	13.3	9.9	8	5.9						68
72	8.7	5.6								72

Notes 注释:

1. Meets ISO4305 standards.

2. The rated load values in the table include the weights of the hook, wire rope, and other rigging; the lifting weight is derived by subtracting the total weight of the above items from the rated load.

1. 满足 ISO4305 标准。

2. 表中的额定载荷值包括吊钩、钢丝绳和其它吊具的重量, 额定载荷减去上述项目重量之和得出的才是起吊的重量。

06 | Load Chart-HDB_CK

工况载荷表- HDB_CK工况

Unit: t

 m	Boom Length: 43.5~163.5m; Carbody Counterweight: 80t; Rear Counterweight: 170t; Superlift Counterweight: 400t. 主臂长度43.5~163.5m, 中央配重80t, 后配重170t, 超起配重400t												 m
	43.5	49.5	55.5	61.5	67.5	73.5	79.5	85.5	91.5	97.5	103.5	109.5	
8	1000*												8
9	1000*	1000*	935*										9
10	1000*	1000*	935*	862*	787*								10
11	1000*	1000*	935*	862*	787*	711*	673*						11
12	1000*	1000*	935*	862*	787*	711*	673*	594*	554*				12
13	1000*	1000*	935*	862*	787*	711*	673*	594*	554*	554*	514*		13
14	1000*	1000*	935*	862*	787*	711*	673*	594*	554*	554*	514*	474*	14
15	1000*	1000*	935*	862*	787*	711*	673*	634*	554*	554*	514*	474*	15
16	1000	1000	935*	862*	787*	711*	673*	634*	554*	554*	514*	474*	16
17	970	969	967	862*	787*	711*	673*	634*	594*	554*	514*	474*	17
18	912	911	909	862	787*	711*	673*	634*	594*	554*	514*	474*	18
19	860	859	857	855	787	711*	673*	634*	594*	554*	514*	474*	19
20	814	813	811	809	787	711*	673*	634*	594*	554*	514*	474*	20
22	734	733	731	729	728	726	673	634*	594*	554*	514*	474*	22
24	668	667	665	663	662	660	659	634	594	554*	514*	474*	24
26	613	611	609	607	606	604	603	601	594	554	514*	474*	26
28	566	564	562	560	559	557	556	553	551	549	514	474*	28
30	525	523	521	519	518	516	515	512	510	508	506	474	30
32	489	487	485	483	482	480	479	476	474	472	470	467	32
34	457	456	454	451	451	448	447	445	443	440	438	436	34
36	429	428	426	424	423	420	419	417	415	412	410	408	36
38	404	403	401	399	398	395	394	392	390	387	385	383	38
40	382	380	378	376	375	373	372	369	367	365	363	360	40
44		341	340	337	337	334	333	331	328	326	324	321	44
48			307	305	304	302	301	299	296	294	292	289	48
52				278	277	275	274	271	269	267	265	262	52
56				255	254	252	250	248	246	243	241	239	56
60					234	231	230	228	226	223	221	219	60
64						214	213	210	208	206	203	201	64
68							197	195	192	190	188	185	68
72								181	179	176	174	172	72
76								168	166	164	162	159	76
80									155	153	151	148	80
84										142	140	138	84
88											131	129	88
92											122	120	92
96												112	96

Notes 注释:

1. Meets ISO4305 standards.

2. The rated load values in the table include the weights of the hook, wire rope, and other rigging; the lifting weight is derived by subtracting the total weight of the above items from the rated load.

1. 满足 ISO4305 标准。

2. 表中的额定载荷值包括吊钩、钢丝绳和其它吊具的重量, 额定载荷减去上述项目重量之和得出的才是起吊的重量。

06

Load Chart-HDB_CK

工况载荷表- HDB_CK工况

Unit: t

 m	Boom Length: 43.5~163.5m; Carbody Counterweight: 80t; Rear Counterweight: 170t; Superlift Counterweight: 400t. 主臂长度43.5~163.5m, 中央配重80t, 后配重170t, 超起配重400t									 m
	115.5	121.5	127.5	133.5	139.5	145.5	151.5	157.5	163.5	
14	433*									14
15	433*	433*	391*							15
16	433*	433*	391*	391*	350*					16
17	433*	433*	391*	391*	350*	339*	308*			17
18	433*	433*	391*	391*	350*	340*	308*	282*	255*	18
19	433*	433*	391*	391*	350*	340*	309*	282*	256*	19
20	433*	433*	391*	391*	350*	340*	310*	283*	256*	20
22	433*	433*	391*	391*	350*	341*	311*	282*	257*	22
24	433*	433*	391*	391*	350*	343*	312*	283*	257*	24
26	474*	433*	391*	391*	350*	344*	311*	283*	258*	26
28	474*	433*	391*	391*	350*	343*	312*	284*	258*	28
30	474	433*	391*	391*	350*	344*	313*	284*	258*	30
32	465	433	391*	391*	350*	345*	313*	283*	258*	32
34	434	431	430	391	376	343*	312*	284*	258*	34
36	406	403	402	391	377	344	314*	284*	258*	36
38	381	378	377	375	374	343	313*	285*	257*	38
40	358	355	354	353	351	343	313	285*	255*	40
44	319	317	315	314	313	312	310	283	252*	44
48	287	285	283	282	280	280	278	277	248	48
52	260	257	256	255	253	252	251	250	245	52
56	237	234	233	231	230	229	228	227	225	56
60	216	214	213	211	210	209	207	206	205	60
64	199	196	195	193	192	191	190	189	187	64
68	183	181	179	178	176	176	174	173	172	68
72	169	167	166	164	163	162	160	159	158	72
76	157	155	153	152	150	150	148	147	146	76
80	146	143	142	141	139	138	137	136	134	80
84	136	133	132	131	129	128	127	126	124	84
88	127	124	123	121	120	119	118	117	115	88
92	118	115	114	113	111	110	109	108	107	92
96	110	107	106	104	103	102	101	100	99	96
100	102	100	98.8	97.4	96	95.3	93.9	93.1	91.5	100
104		93.1	91.9	90.5	89.2	88.5	87	86.2	84.7	104
108			85.5	84.1	82.8	82.1	80.7	79.8	78.3	108
112			79.6	78.2	76.9	76.2	74.8	74	72.5	112
116				72.7	71.4	70.8	69.3	68.5	67	116
120					66.3	65.6	64.2	63.4	61.9	120
124						60.8	59.4	58.6	57.1	124
128						56.3	55	54.2	52.7	128
132							50.7	49.9	48.5	132

Notes 注释:

1. Meets ISO4305 standards.

2. The rated load values in the table include the weights of the hook, wire rope, and other rigging; the lifting weight is derived by subtracting the total weight of the above items from the rated load.

1. 满足 ISO4305 标准。

2. 表中的额定载荷值包括吊钩、钢丝绳和其它吊具的重量, 额定载荷减去上述项目重量之和得出的才是起吊的重量。

06

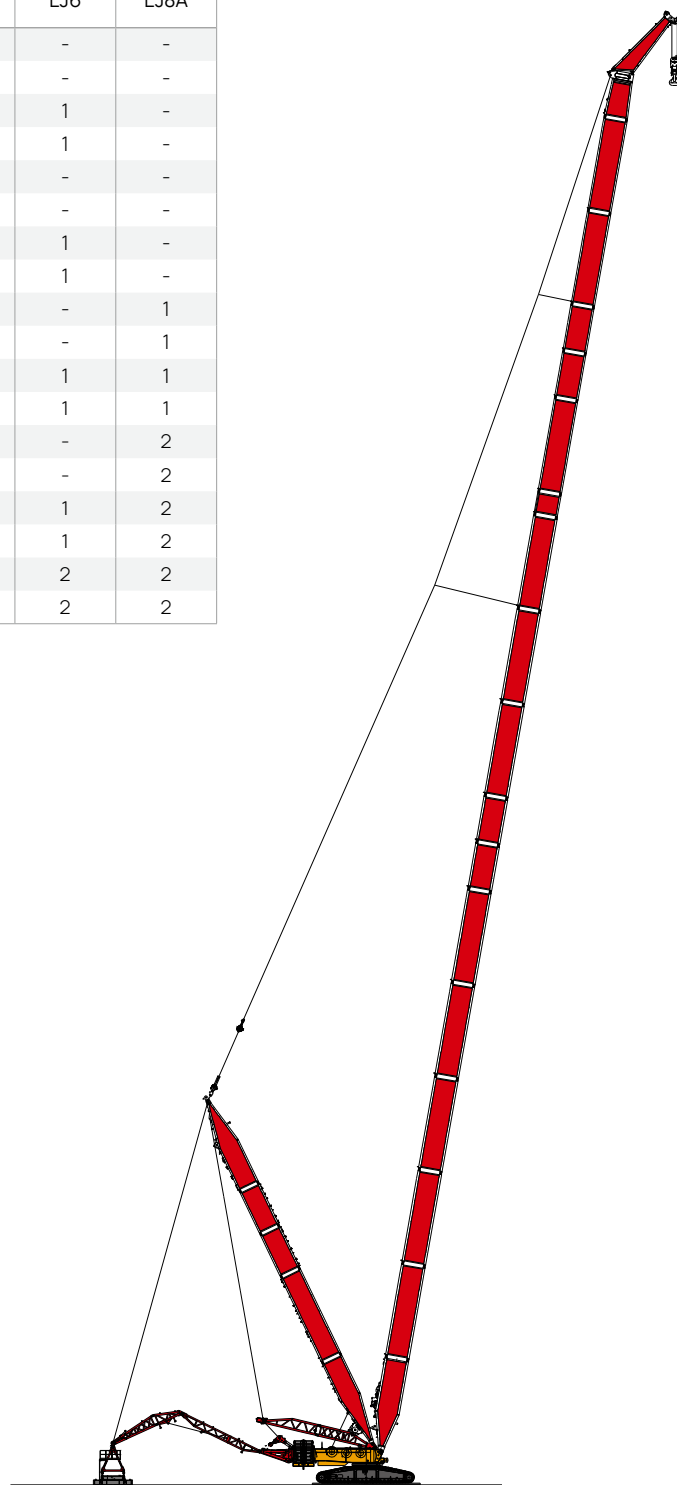
HJHEDB_CK Configuration

HJHEDB_CK工况臂架组合

Boom length 臂长(m)	CK-boom 宽臂				Luffing Jib 变幅副臂			
	12m CK-boom insert 宽臂中间臂 CK8A	6m CK-boom insert 宽臂中间臂 CK6A	12m CK-boom insert 宽臂中间臂 CK8B	12m upper transition insert 上过渡节 CK4B	3m luffing jib 变幅副臂 LJ3A	12m luffing jib 变幅副臂 LJ8AA	6m luffing jib 变幅副臂 LJ6	12m luffing jib 变幅副臂 LJ8A
126	5	2	2	1	-	-	-	-
129	5	2	2	1	1	-	-	-
132	5	2	2	1	-	-	1	-
135	5	2	2	1	1	-	1	-
138	5	2	2	1	-	1	-	-
141	5	2	2	1	1	1	-	-
144	5	2	2	1	-	1	1	-
147	5	2	2	1	1	1	1	-
150	5	2	2	1	-	1	-	1
153	5	2	2	1	1	1	-	1
156	5	2	2	1	-	1	1	1
159	5	2	2	1	1	1	1	1
162	5	2	2	1	-	1	-	2
165	5	2	2	1	1	1	-	2
168	5	2	2	1	-	1	1	2
171	5	2	2	1	1	1	1	2
174	5	2	2	1	-	1	2	2
177	5	2	2	1	1	1	2	2

Notes 注释:

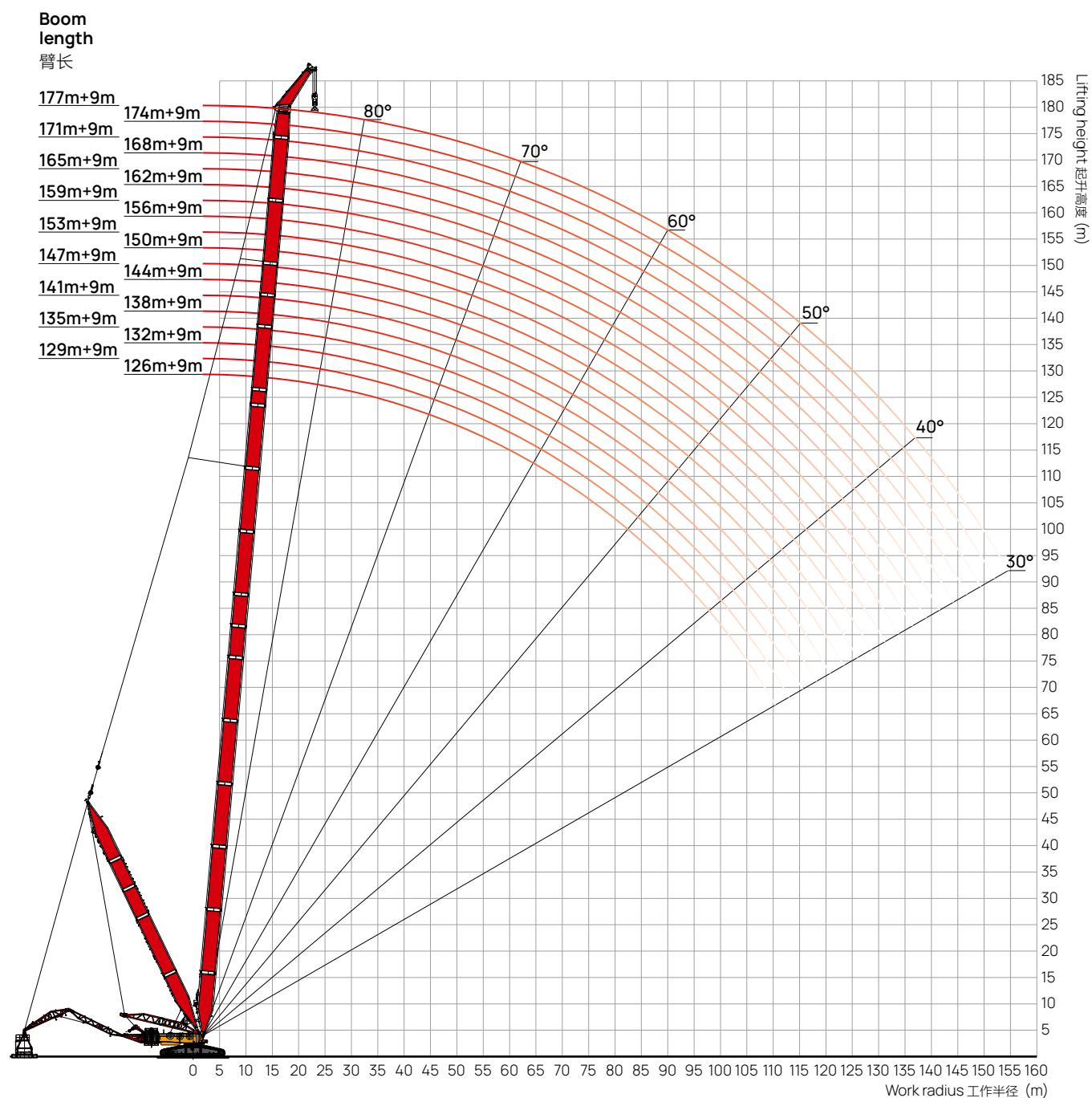
1. The 12m boom base, 6m E-jib connecting head E1, and 9m E-jib E2 are mandatory.
2. For this configuration, a mid-point suspension cable is required when the boom length is between 126m and 177m; otherwise, there is a risk of boom failure.
3. One section of CK8A can replace two sections of CK6A..
1. H2主臂下节臂12m 臂架、E1鹰嘴臂6m连接节、E2鹰嘴臂9m必选。
2. 此工况臂长(126m~177m)必选腰绳，否则臂架有折断风险。
3. 一节CK8A可替换两节CK6A。



HJHEDB_CK
(126m+9m)~(177m+9m)

06 | Working Radius-HJHEDB_CK

工况作业范围图- HJHEDB_CK工况



06

Load Chart-HJHEDB_CK

工况载荷表- HJHEDB_CK工况

Unit: t

	Boom Length: 126~171m; E-jib: 9m; Carbody Counterweight: 80t; Rear Counterweight: 170t; Superlift Counterweight: 0t. 主臂长度126~171m, 鹰嘴臂9m, 中央配重80t, 后配重170t, 超起配重0t																		
	126	129	132	135	138	141	144	147	150	153	156	159	162	165	168	171	174	177	
20	180																		20
22	162	159	158	155	153	150	149	146											22
24	146	144	142	140	138	136	134	132	131	128	127	125	123	121	120				24
26	133	130	129	127	125	123	122	119	118	116	115	113	112	109	108	106	104	102	26
28	121	119	117	115	114	112	110	108	107	105	104	102	101	99.5	98.1	96.1	94.7	92.7	28
30	110	108	107	105	104	101	100	98.7	98.1	96	94.8	92.8	92.2	90.1	88.9	86.9	85.7	83.7	30
32	101	99.2	98.1	96.1	94.9	92.9	91.8	89.8	89.3	87.3	86.2	84.3	83.7	81.8	80.6	78.7	77.5	75.6	32
34	92.7	90.7	89.8	87.8	86.7	84.7	83.7	81.8	81.4	79.5	78.5	76.6	76.1	74.2	73.1	71.2	70.2	68.3	34
36	85	83.1	82.2	80.3	79.3	77.4	76.4	74.6	74.2	72.4	71.4	69.6	69.1	67.3	66.3	64.5	63.4	61.6	36
38	78	76.2	75.3	73.5	72.5	70.7	69.8	68	67.7	65.9	65	63.2	62.8	61	60	58.3	57.3	55.5	38
40	71.6	69.8	69.1	67.3	66.3	64.5	63.7	61.9	61.7	59.9	59.1	57.3	57	55.2	54.3	52.6	51.6	49.9	40
44	60.5	58.7	58	56.3	55.5	53.7	53	51.3	51.1	49.4	48.6	47	46.7	45	44.2	42.5	41.6	40	44
48	50.9	49.3	48.6	47	46.2	44.5	43.8	42.2	42.1	40.5	39.7	38.1	37.9	36.3	35.5	33.9	33.1	31.4	48
52	42.7	41.1	40.5	38.9	38.2	36.6	35.9	34.3	34.3	32.7	32	30.4	30.3	28.7	27.9	26.4	25.6	24	52
56	35.6	34	33.5	31.9	31.2	29.6	29	27.4	27.5	25.9	25.2	23.7	23.6	22	21.3	19.8	19	17.5	56
60	29.3	27.7	27.3	25.7	25	23.5	22.9	21.4	21.4	19.9	19.3	17.7	17.7	16.2	15.5	14	13.3	11.7	60
64	23.7	22.2	21.8	20.2	19.6	18	17.5	16	16.1	14.6	14	12.4	12.4	10.9	10.3	8.8	8.1	6.6	64
68	18.8	17.2	16.8	15.3	14.7	13.2	12.7	11.2	11.3	9.8	9.2	7.7	7.7	6.2	5.6				68
72	14.3	12.8	12.4	10.9	10.3	8.8	8.3	6.8	7	5.5									72
76	10.2	8.8	8.4	6.9	6.3														76
80	6.6	5.1																	80

Notes 注释:

1. Meets ISO4305 standards.
2. The rated load values in the table include the weights of the hook, wire rope, and other rigging; the lifting weight is derived by subtracting the total weight of the above items from the rated load.

1. 满足 ISO4305 标准。

2. 表中的额定载荷值包括吊钩、钢丝绳和其它吊具的重量, 额定载荷减去上述项目重量之和得出的才是起吊的重量。

06

Load Chart-HJHEDB_CK

工况载荷表- HJHEDB_CK工况

Unit: t

 m	Boom Length: 126~177m; E-jib: 9m; Carbody Counterweight: 80t; Rear Counterweight: 170t; Superlift Counterweight: 400t. 主臂长度126~177m, 鹰嘴臂9m, 中央配重80t, 后配重170t, 超起配重400t																		 m
	126	129	132	135	138	141	144	147	150	153	156	159	162	165	168	171	174	177	
20	300*																		20
22	300*	300*	300*	297*	300*	300*	300*	285*											22
24	300*	300*	296*	293*	300*	300*	299*	293*	282*	271*	259*	248*	231*	227*	218*				24
26	300*	298*	292*	289*	300*	300*	300*	295*	284*	271*	259*	248*	233*	229*	218*	205*	197*	187*	26
28	300*	296*	288*	288*	300*	300*	297*	294*	284*	271*	260*	248*	239*	229*	215*	207*	196*	186*	28
30	300*	291*	286*	283*	300*	300*	294*	292*	284*	273*	260*	250*	239*	226*	218*	207*	196*	186*	30
32	300*	289*	281*	279*	300*	300*	292*	289*	286*	273*	260*	249*	236*	229*	218*	207*	195*	185*	32
34	298*	284*	279*	276*	300*	300*	290*	285*	282*	271*	258*	247*	238*	229*	217*	206*	195*	185*	34
36	293*	281*	276*	273*	300*	300*	286*	283*	279*	271*	259*	248*	241*	229*	217*	206*	194*	184*	36
38	290*	278*	273*	270*	295*	297*	284*	281*	277*	271*	260*	249*	240*	229*	216*	205*	194*	184*	38
40	284*	275*	270*	267*	291*	293*	282*	277*	274*	272*	261*	248*	240*	228*	216*	204*	193*	183*	40
44	275*	268*	263*	261*	282*	284*	275*	273*	270*	266*	260*	249*	239*	227*	214*	203*	192*	181*	44
48	268*	264*	258*	250*	275	275	272	268	265*	262*	257*	248*	237*	225*	213*	201*	190*	180*	48
52	260	259	251	237*	267	268	267	264	259	257	249	237	236	224*	211*	200*	188*	178*	52
56	252	251	240	226	253	251	251	250	250	249	237	227	234	222	209*	198*	186*	176*	56
60	234	233	228	215	231	230	230	229	229	228	228	217	227	220	207	196	184*	174*	60
64	215	214	214	206	213	212	211	210	210	209	209	208	208	207	205	194	182	172	64
68	199	198	198	197	196	195	195	194	194	193	193	191	192	190	190	189	180	170	68
72	184	183	183	182	182	181	180	179	179	178	178	177	177	176	176	174	174	167	72
76	171	170	170	169	169	167	167	166	166	165	165	164	164	163	162	161	161	160	76
80	160	159	158	157	157	156	155	154	155	153	153	152	152	151	151	150	149	148	80
84	149	148	148	147	146	145	145	144	144	143	142	141	142	140	140	139	138	137	84
88	139	138	138	137	137	135	135	134	134	133	133	132	132	131	130	129	129	128	88
92	130	129	129	128	128	127	126	125	125	124	124	123	123	122	122	120	120	119	92
96	122	121	121	120	120	118	118	117	117	116	116	115	115	114	113	112	112	111	96
100	114	113	113	112	112	111	110	109	110	108	108	107	107	106	106	105	104	103	100
104	107	106	106	105	104	103	103	102	102	101	101	100	100	99.3	98.9	97.8	97.4	96.2	104
108	100	99.6	99.5	98.4	98.1	97	96.8	95.6	96	94.9	94.6	93.4	93.7	92.5	92.2	91	90.7	89.5	108
112	94.5	93.4	93.3	92.1	91.8	90.7	90.5	89.4	89.8	88.6	88.3	87.2	87.4	86.3	85.9	84.8	84.4	83.3	112
116	88.6	87.5	87.4	86.3	86	84.9	84.7	83.6	83.9	82.8	82.5	81.4	81.6	80.5	80.1	79	78.6	77.5	116
120		82	82	80.8	80.6	79.4	79.3	78.1	78.5	77.4	77.1	75.9	76.2	75.1	74.7	73.6	73.2	72	120
124			76.8	75.7	75.5	74.3	74.2	73	73.4	72.3	72	70.9	71.2	70	69.7	68.5	68.1	67	124
128					70.7	69.5	69.4	68.3	68.7	67.5	67.3	66.1	66.4	65.2	64.9	63.8	63.4	62.2	128
132						65	64.9	63.8	64.2	63	62.8	61.6	61.9	60.8	60.5	59.3	58.9	57.8	132
136								59.5	59.9	58.8	58.6	57.4	57.7	56.6	56.3	55.1	54.7	53.6	136
140									55.9	54.8	54.6	53.4	53.7	52.6	52.3	51.1	50.8	49.6	140
144											50.8	49.7	50	48.8	48.5	47.4	47	45.9	144
148												46.1	46.4	45.3	45	43.8	43.5	42.3	148
152														41.9	41.6	40.4	40.1	39	152
156															38.3	37.2	36.9	35.7	156
160																	33.8	32.7	160
164																		29.8	164

Notes 注释:

1. Meets ISO4305 standards.

2. The rated load values in the table include the weights of the hook, wire rope, and other rigging; the lifting weight is derived by subtracting the total weight of the above items from the rated load.

1. 满足 ISO4305 标准。

2. 表中的额定载荷值包括吊钩、钢丝绳和其它吊具的重量, 额定载荷减去上述项目重量之和得出的才是起吊的重量。

Zhejiang Sany Equipment Co.,LTD

SANY Crawler Crane Industrial Park, No. 2188 Daishan Road, Wuxing District, Huzhou City, Zhejiang Province, P. R. China Zip 313028
Consulting sanycrane@sanygroup.com (Crane BU) / crd@sany.com.cn (IHO)
After-sales Service 0086-400 6098 318

Reminder:

Any change in the technical parameters and configuration due to product modification or upgrade may occur without prior notice.
The machine in the picture may include additional equipment. This brochure is for reference only, and goods in kind shall prevail.
Copyright at SANY. No part of this brochure may be copied or used for any purpose without written approval from SANY.

© Edited in September 2024

浙江三一装备有限公司

中国浙江省湖州市吴兴区戴山路2087号三一产业园 邮编: 313028
售后服务热线: 400 887 8318 咨询投诉电话: 400 887 9318

温馨提示:

为了使您的柴油机安全可靠的运行,国VI机型请添加符合国家标准的国VI柴油及尿素溶液,具体参见使用说明书及相关标准。
由于技术不断更新,技术参数及配置如有更改,恕不另行通知。图片上的机器可能包括附加设备,本画册仅供参考,以实物为准。
版权为三一重工所有,未经三一重工书面许可,本目录任何部分的内容不得被复制或抄袭用于任何目的。

© 中国印刷 2024 年 9 月版

SANY CRANE |    www.sanygroup.com

