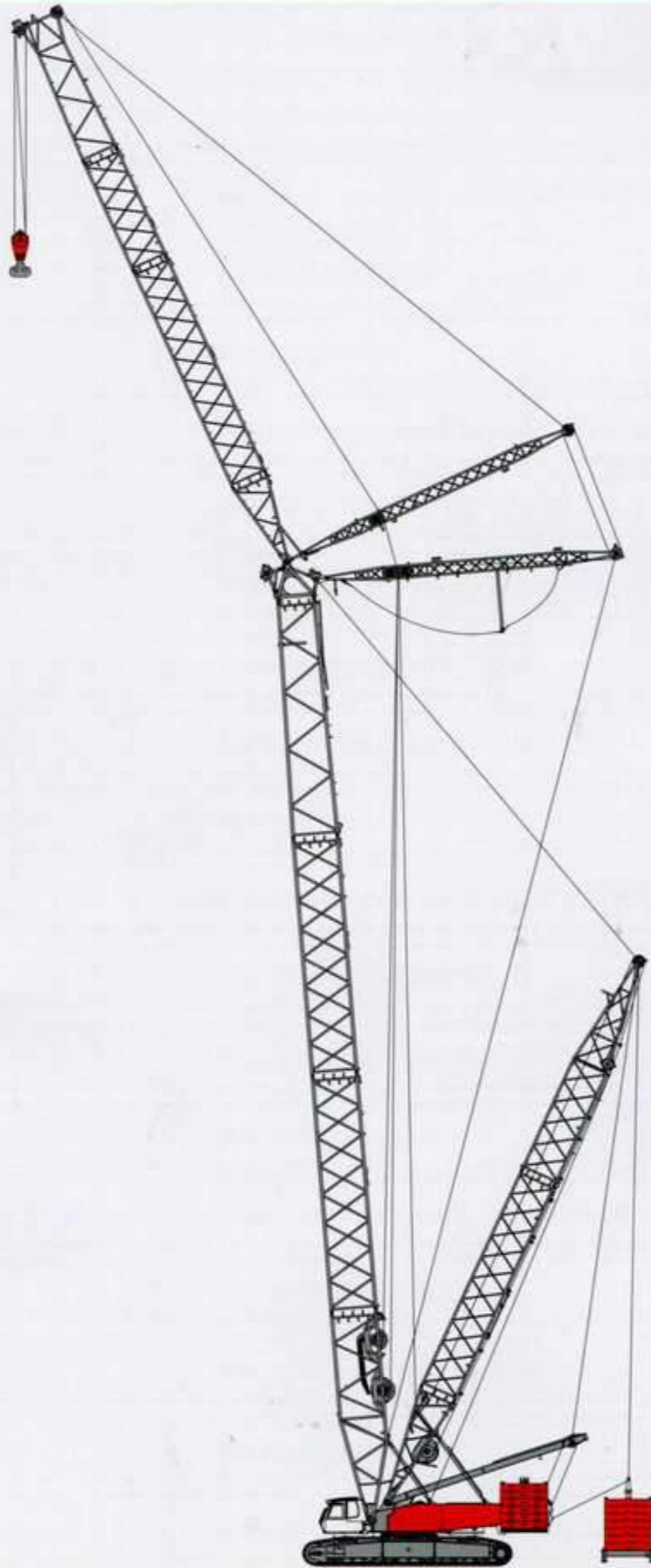


液压式履带起重机

HYDRAULIC CRAWLER CRANE

QUY320



辽宁抚挖重工机械股份有限公司
FUWA HEAVY INDUSTRY CO.,LTD.



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安全装置

钩上限位和臂架防倾装置	吊钩和臂架防过卷装置是用于防止因过卷导致的机器损坏或后翻事故。
钩上限位装置	当起重钩提升到一定高度时,将重锤托起,则微动开关由弹簧复位,开关接点断开,控制继电器线圈断电,继电器触点断开,使蜂鸣器报警,报警指示灯闪亮,同时控制器锁定起重钩的提升,起重钩提升动作自动停止。
臂架防倾装置	<p>臂上限角度显示是由力矩限制器角度传感器检测的,控制信号由力矩限制器和臂架防倾同时检测发出,采取谁先谁有效原则。</p> <p>a. 主臂起重工况时 当主臂\geq上限位角度85°时,力矩限制器声光连续报警,输出限制信号给PLC。同时主臂85°上限位开关动作,输出限制信号给PLC; PLC输出控制信号,控制主变幅卷扬停止动作,锁定主臂停止升臂。</p> <p>b. 塔式工况时 当塔式主臂\geq上限位角度85°时,力矩限制器声光连续报警,输出限制信号给PLC。同时主臂85°上限位开关动作,输出限制信号给PLC; PLC输出控制信号,控制主变幅卷扬停止动作,锁定塔式主臂停止升臂。 当塔臂=上限位角度74°时,力矩限制器声光连续报警,输出限制信号给PLC。同时主臂74°上限位开关动作输出限制信号给PLC; PLC输出控制信号,控制塔变幅卷扬停止动作,锁定塔臂停止升臂。</p> <p>c. 超起工况时 当超起桅杆$\geq 122.25^\circ$时,力矩限制器声光连续报警,输出限制信号给PLC,同时超起桅杆122.25°上限位开关动作,输出限制信号给PLC; PLC输出控制信号,控制主变幅卷扬停止动作锁定超起桅杆停止升臂。</p>
力矩限制器	<p>限制器对起重机作业进行实时监控,在各种工况下,通过按键设置工况参数。</p> <p>当额定起重力矩的$0\% \leq$起重力矩$<$额定起重力矩的90%时,力矩限制器显示屏上,力矩百分比条形码绿色点亮,限制器无声音报警。</p> <p>当额定起重力矩的$90\% \leq$起重力矩$<$额定起重力矩的100%时,力矩限制器显示屏上,力矩百分比条形码黄色预警,同时限制器发出声音断续报警。</p> <p>当额定起重力矩的$100\% \leq$起重力矩$<$额定起重力矩的105%时,力矩限制器显示屏上,力矩百分比条形码红色报警,同时限制器发出声音连续报警。</p> <p>当起重力矩\geq额定起重力矩的105%时,力矩限制器显示屏上,力矩百分比条形码红色报警,限制器发出声音连续报警,同时输出信号,主、副钩停止提升,主臂、塔臂停止增幅动作。</p>
负载率指示灯	为了便于现场人员了解机械载荷情况,采用了与交通信号相同的3色负载率指示灯。同时配备了司机与吊装指挥人员联系用的对讲机。
风速仪及航标灯	主臂架顶部的风速传感器装置用于检测风速,力矩限制器显示风速。臂架顶部装有太阳能航标灯。
制动器和锁定装置	制动器:本起重机设有主、副卷筒制动器、主、副变幅卷筒制动器,回转制动器。
拉力传感器及角度传感器	<p>在桅杆、塔臂上撑架和超起桅杆上安装有拉力传感器,用于检测拉力,通过力矩限制器计算并显示吊载重量。</p> <p>主臂、塔臂、超起臂根部以及主臂、塔臂头部装有角度传感器,用于检测主臂、塔臂、超起臂的角度以及臂架的凹度。</p>
水平仪	该装置用于检测机体与水平地面的角度,保证机器工作地面符合要求。
卷筒过放保护(三圈半保护)	主卷、副卷筒分别安装有三圈半保护装置,用来避免卷筒放绳时产生过放现象。
回转、行走报警	蜂鸣器发出报警声



Safety Device

Hook block upper limiter and boom backstop device	Used for preventing material damage to the machine and tipping accidents due to over-hoist of winch
Hook upper limiter (anti two block)	When the hook is lifted up as high as to touch the plumb, the microswitch will be activated and disconnected by the restoration of spring, cutting off the control circuit while the buzzer gives audible alarm and the indicator lights up. At the same time, the rise of the hook will stop automatically.
Boom topple prevention device	<p>Both angle sensor and moment limiter can measure boom angle, so the earlier control signal given by whichever will be effective to stop boom movement.</p> <p>a. Boom When boom angle reaches the upper limit of 85 degree or more, the moment limiter gives out visual and audible alarm, and transmits stop signal to PLC, activating boom 85-degree limiter to stop main derricking winch and lock the boom.</p> <p>b. Luffing jib When the angle of luffing jib-attached boom reaches the upper limit of 85 degree or more, the moment limiter gives out visual and audible alarm, and transmits stop signal to PLC, activating boom 85-degree limiter to stop main derricking winch and lock the boom.</p> <p>When luffing jib angle reaches the upper limit of 74 degree, the moment limiter gives out visual and audible alarm, and transmits stop signal to PLC, activating luffing jib 74-degree limiter to stop main derricking winch and lock the jib.</p> <p>c. Superlift mast When SL mast angle reaches the limit of 122.25 degree, the moment limiter gives out visual and audible alarm, and transmits stop signal to PLC, activating SL mast 122.25-degree limiter to stop main derricking winch and lock SL mast.</p>
Moment limiter	<p>The limiter can monitor the current load of all working attachments, for which the data can be set by buttons.</p> <p>When the green light is lit and the moment proportion bar on display green, this indicates that the load is less than 90% of the maximum rated capacity. When the yellow light is lit and the moment proportion bar yellow, this means that the crane is between 90% and 100% of the maximum rated capacity, also an intermittent audible alarm sounds. When the crane reaches 105% of the maximum rated capacity, the red light comes on, the moment proportion bar shows red, a continuous alarm sounds, and all motions which would bring the crane into an unsafe state are disabled.</p>
Tricolor load indicator	For the operator's easy knowledge of actual load and rated load, the crane adopts tricolor load indicator as said above, and is also equipped with interphone for communication between operator and directing personnel.
Anemoscope and beacon	Anemometer (wind speed sensor) is installed on boom top to test wind speed which is shown in the moment limiter display. A solar energized beacon is also equipped there.
Brake and locking device	The main hoist winch, auxiliary hoist winch, main derricking winch, and auxiliary derricking winch as well as slew mechanism are all equipped with brake and locking device.
Pull sensor (load cell) and angle sensor	<p>Pull sensors are installed on mast, front strut for luffing jib, and superlift mast to measure pull force, the value of which are calculated by moment limiter, showing the weight of load.</p> <p>The angle sensors are installed on the boom foot, luffing jib foot, and superlift boom foot as well as boom head and luffing jib head to measure the respective angle and included angle.</p>
Gradienter	The gradienter is used for measuring the angle between cranebody and level surface to ensure the machine can work in as level position as to meet the requirements.
Rope over feeding prevention system (three-loop protection)	Three-loop protection devices are installed on main hoist winch and auxiliary hoist winch, preventing rope from being over fed.
Slew and travel alarm	The alarm will sound when the platform is slewing or crane is traveling.



详细说明

车体上部部件

发动机

康明斯6缸水冷的QSM11柴油机，功率298KW，额定转速2100rpm，最大输出扭矩：1898N·m，最大输出扭矩转速1400rpm。符合Tier3/Stage II 排放标准。发动机配有空气预滤器，双级空滤器，消声器，复合冷却器，散热器和风扇等康明斯指定发动机配件。通过3个变量柱塞泵，1个齿轮泵动力系统向各系统提供动力。四个12伏的免维护的电瓶，24伏系统和75安培交流发电机。一个660升柴油机油箱，在司机室内有油面指示器。

控制系统

电比例控制手柄通过储存的各种操作程序进行控制操作，包括诊断系统。可通过触摸屏对双色显示器和安全力矩控制器进行操作。工作速度可通过控制拉杆位置无级变速。自动动力控制可优化使用发动机输出功率。采用力士乐公司的RC控制器和显示器、进口编码器、力矩限制器和监视系统，数据之间的传输采用Can-Bus总线技术，提高了系统的可靠性。

液压系统

电比例控制开闭式结合液压系统，液压系统由三部分组成：主回路系统，控制系统和辅助系统。主要液压元件采用力士乐产品。力士乐系统负载敏感LUDV系统，可以实现与负载无关的流量分配，采用电比例先导控制，操作灵敏，微动性好。系统有870升的液压油箱，滤芯器和液压油冷却器，每个动作都装有减压阀以保护液压回路过载和震动。

提升卷扬装置

标准起重机配有2个提升卷扬，即主提升卷扬H1、辅助提升卷扬H2。博世力士乐变量马达驱动油浴行星减速机，控制卷扬的升降。卷扬速度可根据用户需要无极调速，内置式减速机篷盖式卷筒设计使起升装置结构紧凑，方便拆装。

提升装置

卷筒直径650mm
工作层数0-7
最大绳速0-118m/min
钢丝绳直径26mm
钢丝绳长度950m

变幅卷扬装置

标准起重机有主变幅W1，副臂变幅W2，超起装置配置带有超起变幅卷扬装置W3。篷盖式卷筒设计，由变量液压马达通过密闭的油浴行星减速机提供动力并独立驱动，内置式减速机使起升装置结构紧凑，方便拆装。所有钢丝绳卷扬配有弹簧制动，液压弹簧多片制动。

主变幅装置

卷筒直径610mm
工作层数0-3
最大绳速0-39m/min
钢丝绳直径26mm
钢丝绳长度230m 2

副臂变幅装置

卷筒直径630mm
工作层数0-7
最大绳速0-72m/min
钢丝绳直径26mm
钢丝绳长度500m

超起变幅装置

卷筒直径630mm
工作层数0-7
最大绳速0-108m/min
钢丝绳直径26mm
钢丝绳长度：700m

回转系统

回转部分采用闭式液压系统，两个马达通过密闭的油浴行星减速机提供动力，可360度回转。回转支撑为直径2.93米的三排滚柱回转滚盘，回转速度：0-1.1rpm。

配重

下车压重：40吨、4块配重、2个托盘。主机后配重：托盘悬挂式配重、140吨、12块配重、1个托盘。超起配重：160吨、15块配重、1个托盘。

司机室

完全封闭的钢框架结构设计，室内底噪音。舒适宽敞的驾驶室配有大风挡玻璃和空调，顶窗，各种显示仪表和起重机控制装置，灭火器，通风装置和CD机等。符合人机工程学的司机座椅和操作手柄。司机室可上仰20度，增加操作者的臂杆控制视野。安装了摄像头以便观察卷扬的工作情况，驾驶室可转至车体前方，减小运输宽度。

车体下部部件

下车由车体、两条履带装置三部分组成。车体和履带架采用动力销连接，安装和拆卸简便易。

车体

用来连接回转平台和履带装置，由高强度箱式结构合金钢焊接而成，具有良好的抗弯、抗扭性能。

履带装置

履带架采用高抗弯强度结构钢焊接制成。履带板由经热处理的高强度铸钢制成。在每边有15个经表面硬化处理过的支重轮。左右履带行走装置共有152块履带板，履带板宽度为1200mm，履带的张紧程度可以通过油缸进行调节，通过调节垫片，达到理想的张紧度。自动集中润滑系统为标准配置。

驱动

驱动形式为两驱，履带由两个变量液压马达通过密闭的油浴行星齿轮减速装置提供动力，装有弹簧的液压常闭制动系统。每条履带无级变速控制，运行平稳，最大行走速度0-1.05Kmh。

作业设备部分

臂架组合

臂架采用进口高强钢管，空间桁架结构设计，有重主臂工况、重主臂工况+超起桅杆、重主臂工况+超起桅杆+超起配重、风电专用主臂工况、重轻混合主臂工况、重轻混合主臂工况+超起桅杆、重轻混合主臂工况+超起桅杆+超起配重、重主臂工况+固定副臂、重主臂工况+固定副臂+超起桅杆+超起配重、塔式工况。

重主臂工况 (H)

主臂：由主臂10.5米基础臂节、主臂12米和6米中间臂节、主臂12米变径节、主臂1.5米臂头组成。
主臂长度：24米-84米

重主臂工况+超起桅杆 (HS)

臂节的组成与重主臂工况相同。
主臂长度：30米-84米
超起装置：超起桅杆30米，包括6米基础臂节、12米中间臂节、12米顶部臂节。

重主臂工况+超起桅杆+超起配重 (HSD)

臂节的组成与重主臂工况相同。
主臂长度：30米-84米
超起装置：超起桅杆30米，超起配重0-200吨。

风电专用主臂工况 (HW)

主臂：由主臂10.5米基础臂节、主臂12米和6米中间臂节、主臂12米变径节、主臂1.5米臂头、

风电专用主臂头7米组成。

重轻混合主臂工况 (H/L)

主臂：由主臂10.5米基础臂节、主臂12米和6米中间臂节、主臂12米变径节、塔臂12米和6米中间臂节、轻型6米中间臂节、塔臂7.5米中间臂节组成。
主臂长度：42米-108米

重轻混合主臂工况+超起桅杆 (HS/L)

臂节的组成与重轻混合主臂工况相同。
主臂长度：78米-108米
超起装置：超起桅杆30米

重轻混合主臂工况+超起桅杆+超起配重 (HSD/L)

臂节的组成与重轻混合主臂工况相同。
主臂长度：78米-108米
超起装置：超起桅杆30米，超起配重0-200吨。

重主臂工况+固定副臂 (HF)

主臂：由主臂10.5米基础臂节、主臂12米和6米中间臂节、主臂12米变径节、主臂1.5米臂头组成。
主臂长度：30米-84米
固定副臂：由副臂4.5米基础臂节、副臂12米和6米中间臂节、副臂7.5米顶部臂节组成。
固定副臂长度：18米-30米

重主臂工况+固定副臂+超起桅杆+超起配重 (HFSD)

臂节的组成与重主臂工况+固定副臂相同。
主臂长度：36米-84米
超起装置：超起桅杆30米，超起配重0-200吨。

塔式工况 (HT)

主臂：由主臂10.5米基础臂节、主臂12米和6米中间臂节、主臂12米变径节、主臂1.5米臂头组成。
主臂长度：30米-72米
塔臂：由塔臂4.5米基础臂节、塔臂12米和6米中间臂节、塔臂7.5米顶部臂节组成。
塔臂长度：24米-72米

吊钩

类型	起升能力	最大倍率	自重
320t	320t	28	7600t
160t	160t	12	4600t
100t	100t	8	3600t
70t	70t	5	3000t
15t	15t	1	800t

注：320吨吊钩可拆成200吨吊钩

注解

1. 重主臂工况：(H)
2. 重主臂工况+超起桅杆：(HS)
3. 重主臂工况+超起桅杆+超起配重：(HSD)
4. 风电专用主臂工况：(HW)
5. 重轻混合主臂工况：(H/L)
6. 重轻混合主臂工况+超起桅杆 (HS/L)
7. 重轻混合主臂工况+超起桅杆+超起配重：(HSD/L)
8. 重主臂工况+固定副臂：(HF)
9. 重主臂工况+固定副臂+超起桅杆+超起配重：(HFSD)
10. 塔式工况：(HT)

Specifications

Superstructure

Engine

The crane is powered by Cummins QSM11 Diesel Engine, 6-cylinder, water cooled, rated power 298 KW/2100rpm, maximum output torque 1898N.m, 1400rpm at max output torque, up to Tier3/Stage III Emission standard, fitted with air pre-filter, dual-process air filter, muffler, cooler, radiator and fan used are the designated accessories of Cummins. The transfer case provides drive via three variable displacement plunger pumps and one gear pump to all function modules; four 12V maintenance-free batteries together provide 24V power and there is a 75 amp. AC generator equipped, too. A 660L fuel tank for engine is installed on power station and the fluid level is shown by indicator in operator's cab.

Control System

Modulating electronic-over-hydraulic controls provide infinite speed response directly proportional to control lever movement. Fault diagnosis system is built-in for troubleshooting. The dual-color touch screen enables operator to operate moment limiter. Automatic power control optimizes efficiency of the engine output. The controls adopt Rexroth RC controller, display, coder, moment limiter and monitor system. Data transmission is conducted through Controller Area Network (CAN)-Bus, improving system reliability.

Hydraulic System

Under electronic-over-hydraulic control, the system consists of main circuit, control system, and auxiliary system. The key hydraulic elements are from Rexroth. It adopts LUDV load independent flow distribution system. The system is equipped with a hydraulic oil tank of 870L, cartridge and hydraulic oil cooler. Each function is equipped with relief valves to protect the hydraulic circuit from overload or shock.

Hoist Winches

The standard machine is equipped with two hoist winches: main hoist winch H1 and auxiliary hoist winch H2, which are driven by Rexroth variable displacement motor via planetary reduction gear running in oil. The infinite rotation speed of drum can be obtained through adjustment all at user's need. Besides there is also an optional hoist winch available. The drums are grooved. The design of built-in reduction gear makes more structural compactness.

Hoist Winches

Drum diameter: 650mm
Number of rope layers: 0~7
Max rope speed: 118m/min
Wire rope diameter: 26mm
Wire rope length: 950m

Derricking Winch

The standard crane is equipped with main derricking winch W1 and auxiliary derricking winch W2. In addition, the superlift structure has SL derricking winch W3. The drum is independently driven by variable displacement hydraulic motor via built-in planetary reduction gear that is easy to install and dismantle. All winches are equipped with hydraulic spring brakes.

Main Derricking Winch

Drum diameter: 610mm
Number of rope layers: 0~3
Max rope speed: 39m/min
Wire rope diameter: 26mm
Wire rope length: 230m x 2

Jib (aux.) Derricking Drum

Drum diameter: 630mm
Number of rope layers: 0~7
Max rope speed: 72m/min
Wire rope diameter: 26mm
Wire rope length: 500m

SL Mast Derricking Winch

Drum diameter: 630mm
Number of rope layers: 0~7
Max rope speed: 108m/min

Wire rope diameter: 26mm
Wire rope length: 700m

Slew Mechanism

Slew mechanism has close hydraulic circuit and the platform is driven to slew from 0 to 360 degree at speed from 0 to 1.1rpm by two hydraulic motors via planetary reduction gear running in oil bath. The slew bearing, 2.93m in diameter, has three rows of supporting rollers.

Counterweight

Central ballast: 40t / 4 blocks, 2 trays;
Rear counterweight: 140t / 12 blocks, 1 tray;
Superlift counterweight: 160t / 15 blocks, 1 tray.

Operator's Cab

The operator's cab, fully closed, of steel frame structure, with low noise inside, is equipped with large windshield wiper, air conditioner, skylight, meters for all functions, control devices, extinguisher, air ventilator, CD player, to name but a few, making it comfortable to work in. Operator's seat and control levers are ergonomically designed. The cab can tilt up 20 degree, enlarging the view of operator. Inside the cab are the displays for video cameras installed to monitor winches. The cab can be placed in front of superstructure, reducing transportation width.

Undercarriage

The undercarriage consists of the chassis and crawlers. The two are connected by power-actuated pins, making it easy to install and dismantle.

Chassis (Lower Frame)

The chassis is a weldment made from high strength alloy steel, box structure, torque resistant.

Crawlers

The crawlers are weldments made from high strength alloy steel, torque resistant. Track shoes are made from high strength cast steel after heat treatment, 1200mm wide each. There are 15 rigidified track rollers each side. The tension of track can be adjusted by the propelling of cylinders and secured by adding or reducing shims. The automatic centralized lubrication system is standard.

Crawler Drive

Two wheel drive: each crawler is propelled by a variable displacement motors via closed planetary reduction gear running in oil bath; normal close hydraulic brake with spring. Both crawlers can stably travel at infinite speed under operator's control, 1.05km/h at maximum, independently or reversely.

Working Attachments

Boom Combination

Boom (jib) is made from imported high strength steel pipes, lattice structure, consisting of the following combinations: Heavy-duty boom; heavy-duty boom+SL mast; heavy-duty boom+SL mast+SL counterweight; special boom for wind mill generator; heavy-duty and light-duty combined boom; heavy-duty and light-duty combined boom+SL mast; heavy-duty and light-duty combined boom+SL mast+SL counterweight; heavy-duty boom+ fixed jib; heavy-duty boom+fixed jib+SL mast+SL counterweight; luffing jib.

Heavy-duty boom (H)

Boom length: 24m~84m
Combination: 10.5m boom foot section, 12m and 6m boom insert, 12m tapered section, 1.5m boom head.

Heavy-duty boom+SL mast (HS)

Boom length: 30m~84m
Boom combination the same as H.
SL structure: 30m SL mast consisting of 6m foot section, 12m insert, 12m top section

Heavy-duty boom+SL mast+SL counterweight (HSD)

Boom length: 30m~84m
Boom combination the same as H.
SL structure: 30m SL mast; 0~200t SL counterweight

Special boom for wind mill generator (HW)

Boom length: 30m~84m
Combination: 10.5m boom foot section, 12m and 6m boom insert, 12m tapered section, 1.5m boom head, 7m special boom head for wind mill generator.

Heavy-duty and light-duty combined boom (H/L)

Boom length: 42m~108m
Boom: 10.5m boom foot section, 12m and 6m boom insert, 12m boom tapered section, 12m and 6m luffing jib insert, 6m light-duty insert, 7.5m luffing jib insert.

Heavy-duty and light-duty combined boom+SL mast (HS/L)

Boom length: 78m~108m
Combination the same as H/L
SL structure: 30m SL mast

Heavy-duty/light-duty combined boom +SL mast+SL counterweight (HSD/L)

Boom length: 78m~108m
Combination the same as H/L
SL structure: 30m SL mast, 0~200t SL counterweight.

Heavy-duty boom+fixed jib (HF)

Boom length: 30m~84m
Combination: 10.5m boom foot section; 12m and 6m boom insert; 12m boom tapered section; 1.5m boom head
Fixed jib length: 18m~30m
Combination: 4.5m jib foot section, 12m and 6m jib insert; 7.5m jib top section

Heavy-duty boom+fixed jib+SL Mast+SL counterweight (HFSD)

Boom length: 36m~84m
Combination the same as HF.
SL structure: 30m SL mast, 0~200t SL counterweight

Luffing jib (HT)

Boom length: 30m~72m
Combination: 10.5m boom foot section, 12m and 6m boom insert, 12m boom tapered section, 1.5m boom head
Luffing jib length: 24m~72m
Combination: 4.5m luffing jib foot section, 12m and 6m luffing jib insert and 7.5m luffing jib top section

Hook Block

Type	Lifting capacity	Max.pars of line	weight
320t	320t	28	7600t
160t	160t	12	4600t
100t	100t	8	3600t
70t	70t	5	3000t
15t	15t	1	800t

Note: a 320t hook block can be dismantled to 200t hook block

Alphabetic symbols of working attachments

1. Heavy-duty boom: H
2. Heavy-duty boom+SL mast: HS
3. Heavy-duty boom+SL mast+SL counterweight: HSD
4. Special boom for wind mill generator: HW
5. Heavy-duty and light-duty combined boom: H/L
6. Heavy-duty and light-duty combined boom+SL mast: HS/L
7. Heavy-duty and light-duty combined boom+SL mast+SL counterweight: HSD/L
8. Heavy-duty boom+fixed jib: HF
9. Heavy-duty boom+fixed jib+SL mast+SL counterweight: HFSD
10. Luffing jib: HT

工况符号 Graphic symbols of working attachments:



H, HS, HSD 工况
H, HS, HSD



HW 工况
HW



H/L, HS/L, HSD/L 工况
H/L, HS/L, HSD/L



HF, HFSD 工况
HF, HFSD



HT 工况
HT



臂杆组合

Boom Combination

重主臂工况(H)

最大起重量: 320吨 × 5.3米

最大臂杆长度: 84米

Heavy-duty boom(H)

Max lifting capacity: 320t × 5.3m

Max length: 84m



主臂 Boom
24m-84m

重主臂+超起桅杆+超起配重(HSD)

最大起重量: 290.6吨 × 6米

最大臂杆长度: 84米

Heavy-duty boom+SL mast+SL counterweight (HSD)

Max lifting capacity: 290.6t × 6m

Max length: 84m



主臂 Boom
30m-84m

风电专用主臂工况(HW)

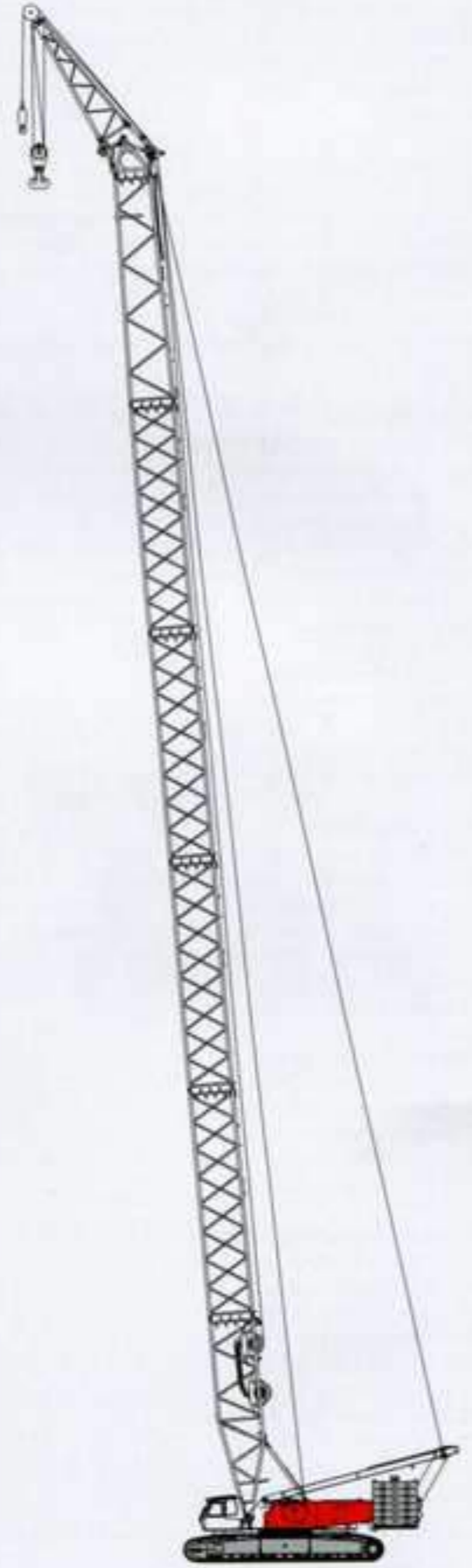
最大起重量: 80吨 × 20米

最大臂杆长度: 84米

Special boom for wind mill generator (HW)

Max lifting capacity: 80t × 20m

Max length: 84m



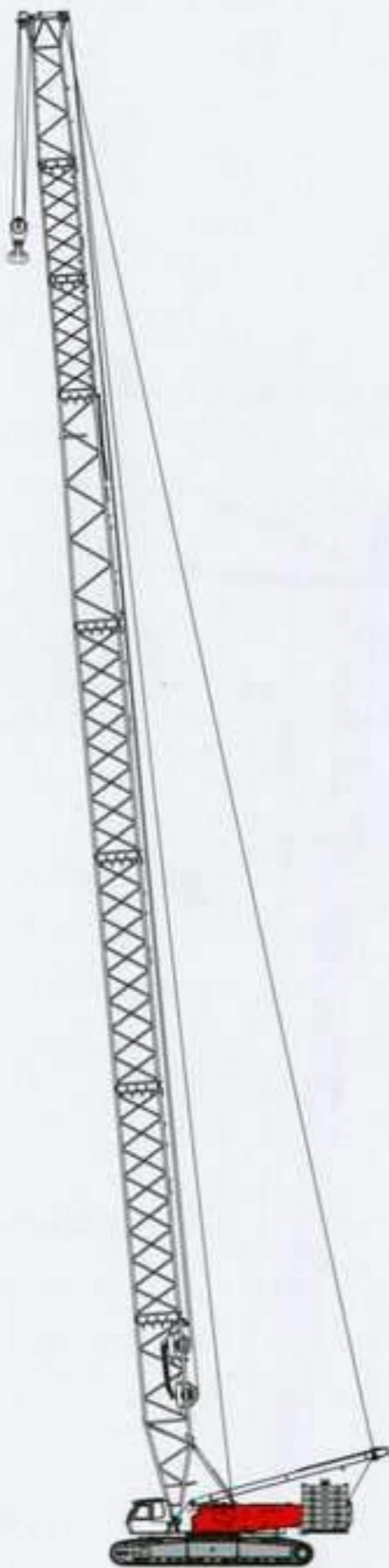
主臂 Boom
30m-84m

重轻混合主臂工况 (H/L)

最大起重量: 160.5吨 × 9米
最大臂杆长度: 108米

Heavy-light combined boom (H/L)

Max lifting capacity: 160.5t × 9m
Max length: 108m



主臂 Boom
42m-108m

重轻混合主臂工况+超起桅杆+超起配重 (HSD/L)

最大起重量: 145.1吨 × 10米
最大臂杆长度: 108米

Heavy-light combined boom +SL mast+SL counterweight (HSD/L)

Max lifting capacity: 145.1t × 10m
Max length: 108m



主臂 Boom
78m-108m

重主臂工况+固定副臂 (HF)

最大起重量: 107吨 × 8米
最大组合: 84米+30米

Heavy-duty boom+fixed jib (HF)

Max lifting capacity: 107t × 8m
Max combined length: 84m+30m



主臂 Boom | 副臂 Fixed jib
30m-84m | 18m-30m



臂杆组合

Boom and Jib Combination Diagram

重主臂工况+固定副臂+超起桅杆+超起配重 (HFSD)

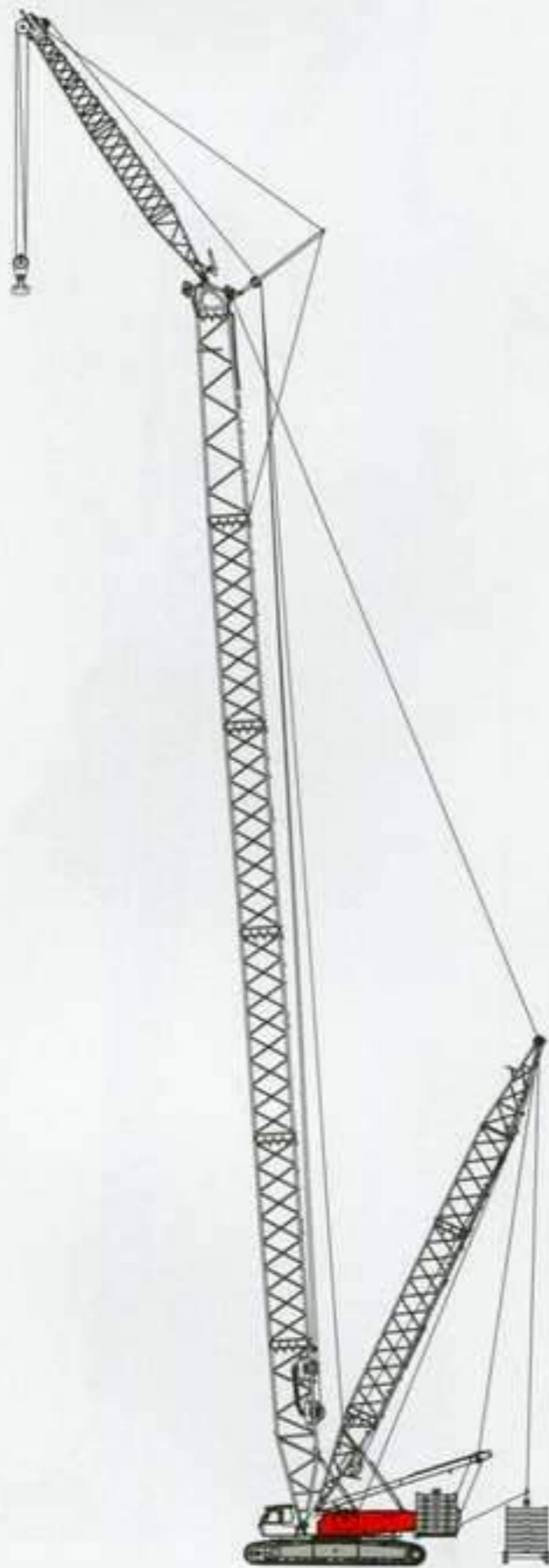
最大起重量: 106.2吨 × 11米

最大组合: 84米+30米

Heavy-duty boom+fixed jib+SL mast+SL counterweight (HFSD)

Max lifting capacity: 106.2t × 11m

Max combined length: 84m+30m



主臂 Boom | 副臂 Fixed jib
36m-84m | 18m-30m

塔式工况 (HT)

最大起重量: 132吨 × 13米

最大组合: 72米+72米

Luffing jib (HT)

Max lifting capacity: 132t × 13m

Max combined length: 72m+72m



主臂 Boom | 塔臂 Luffing jib
30m-72m | 24m-72m

主要技术参数

Main Technical Data

项 目		参 数	
非 超 起 工 况	重型主臂	长度 (m)	24~84
		最大额定起重量 (t)	320t × 5.3m(24m臂长)
	风电专用主臂	长度 (m)	30~84
		最大额定起重量 (t)	80t
	重轻混合臂	长度 (m)	42~108
		最大额定起重量 (t)	160.5 t × 9m
	固定副臂	长度 (m)	30~84
		最大额定起重量 (t)	107t × 8m
	塔式工况	主臂长度 (m)	30~72
		塔臂长度 (m)	24~72
起重量 (t)		132 t × 13m	
超 起 工 况	超起桅杆	长度 (m)	30m
		回转半径 (m)	9, 11.5, 13.5, 15.5
	超起配重	重量 (t)	0, 40, 80, 120, 160
		回转半径 (m)	11, 13, 15
	重主臂	长度 (m)	30~84
		最大额定起重量 (t)	290.6t × 6m(30m臂长)
	重轻混合主臂	长度 (m)	78~108
		最大额定起重量 (t)	145.1 t × 10m
	固定副臂	主臂长度 (m)	36~84
		副臂长度 (m)	18~30
起重量 (t)		106.2 t × 11m	
作 业 性 能	吊钩配置 (t)		15, 70, 100, 160, 320 (含200吨)
	主、副提升速度 (m/min)		0~118
	主变幅速度 (m/min)		39
	塔臂变幅速度 (m/min)		0~72
	超起变幅速度 (m/min)		0~108
	回转速度 (r/min)		0~1.12
	行走速度 (km/h)		0~1.05
	爬坡能力		30% (16.7°)
主臂变幅角度 (°)	30~85	塔式主臂变幅角度(°)	65, 75, 85
塔臂变幅角度 (°)	最大仰角时, 与主臂夹角11°; 最小仰角时与地面夹角15°		
最大起重力矩 (t·m)	4395		
主机尺寸	(长×宽×高)	14765 × 9300 × 5400	
发 动 机	型号	QSM11进口康明斯电控柴油机	
	功率 (kw)	298	
	转速 (rpm)	2100	

Descriptions		Data	
Without superlift	Heavy-duty boom	length (m)	24~84
		max lifting capacity (t)	320t × 5.3m(24m boom)
	Special boom for wind mill generator	length (m)	30~84m
		max lifting capacity (t)	80t
	Heavy-duty/light-duty combined boom	length (m)	42~108
		max lifting capacity (t)	160.5 t × 9m
	Fixed jib	length (m)	30~84
		max lifting capacity (t)	107t × 8m
	Luffing jib	boom length (m)	30~72
		luffing jib length (m)	24~72
max lifting capacity (t)		132 t × 13m	
With superlift	SL mast	length (m)	30m
		slew radius(m)	9, 11.5, 13.5, 15.5
	SL counterweight	weight (t)	0, 40, 80, 120, 160
		slew radius (m)	11, 13, 15
	Heavy-duty boom	length (m)	30~84
		max lifting capacity (t)	290t × 9m(30m boom)
	Heavy-duty/light-duty combined boom	length (m)	78~108
		max lifting capacity (t)	145.1 t × 10m
	Fixed jib	boom length (m)	36~84
		fixed jib length (m)	18~30
max lifting capacity (t)		106.2 t × 11m	
Working capacity	Hook type (t)		15, 70, 100, 160, 320 (including the 200t)
	Main/aux. hoist winch speed (m/min)		0~118
	Main derricking drum speed (m/min)		39
	Luffing jib derricking drum speed (m/min)		0~72
	SL mast derricking drum speed (m/min)		0~108
	Slew speed (r/min)		0~1.12
	Travel speed (km/h)		0~1.05
	Grade ability		30% (16.7°)
Boom derricking range (°)	30~85	Angle of luffing jib - attached boom	65, 75, 85
Luffing jib derricking range	Max angle: 11° offset to boom Min angle: 15° angle to ground		
Max lifting moment (t·m)	4395		
Basic machine dimension	(L × W × H)	14765 × 9300 × 5400	
Engine	Model	QSM11 Cummins diesel engine in electric control	
	Power (KW)	298	
	Revolution (rpm)	2100	

注: (1) 速度随载荷变化而变化。

(2) 主机包括: 平衡重140吨, 车体压重40吨, 24米标准臂和320吨吊钩。

Note: (1) All work speeds vary depending load.

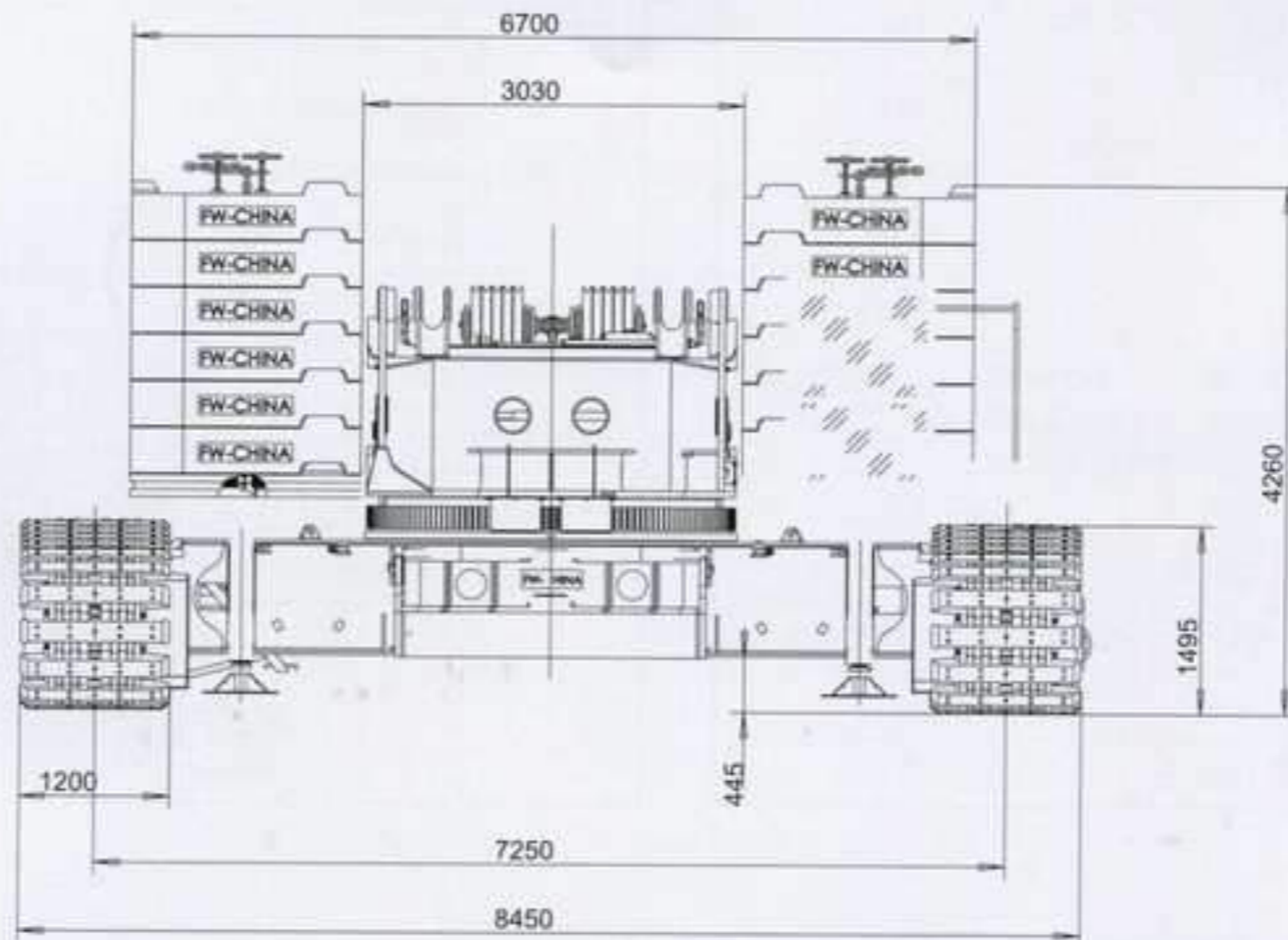
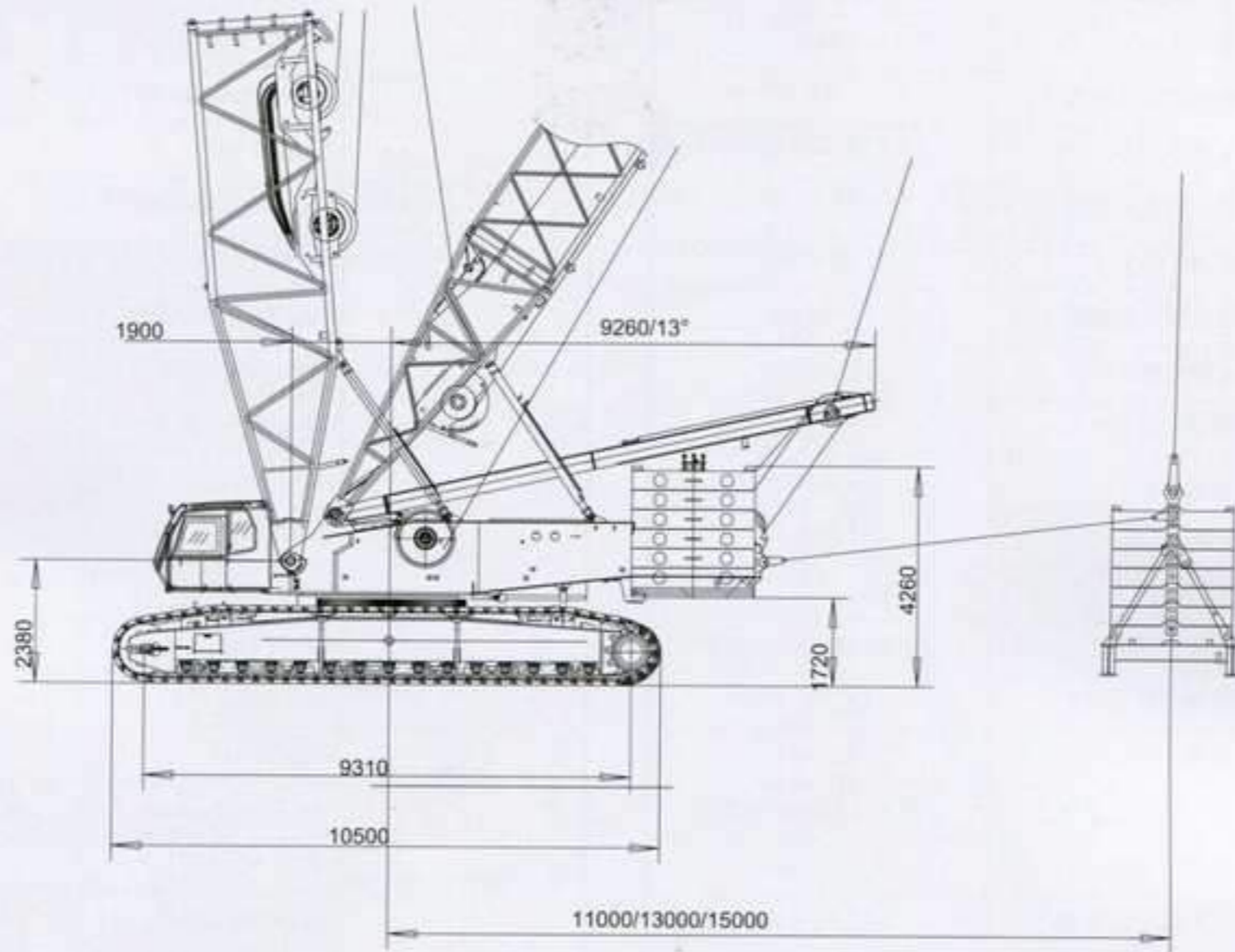
(2) The basic machine includes 140t counterweight, 40t central ballast, 24m basic boom, and 320t hook block.



NO.

总体尺寸

Overall Dimensions

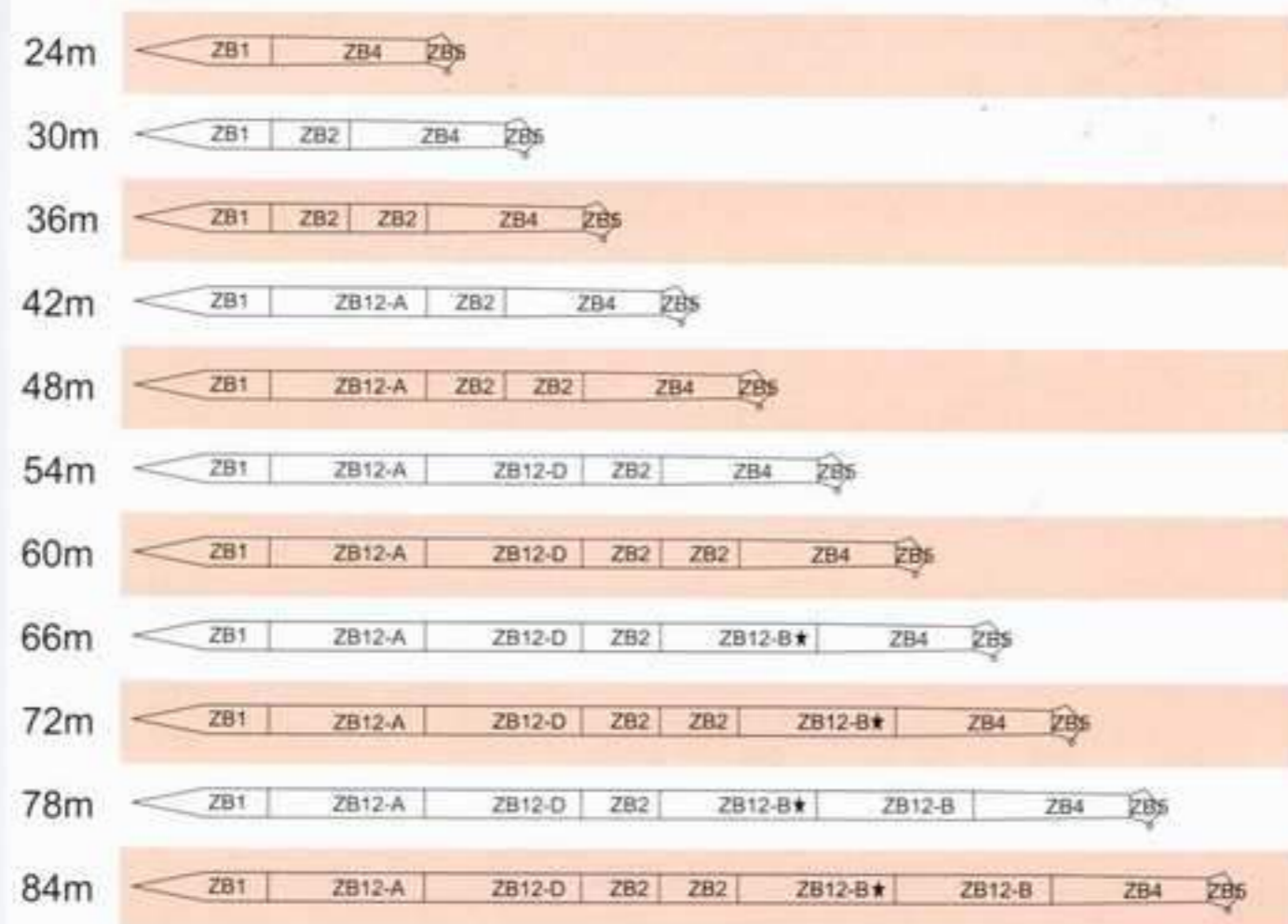


主臂和副臂组合

Itemized Boom / Jib Combinations Chart

重主臂工况 (H) 臂节组合

Heavy-duty boom(H)



注: ☆处表示连接腰绳位置。
 Note: ☆ shows the position of connecting waist rope.

注解

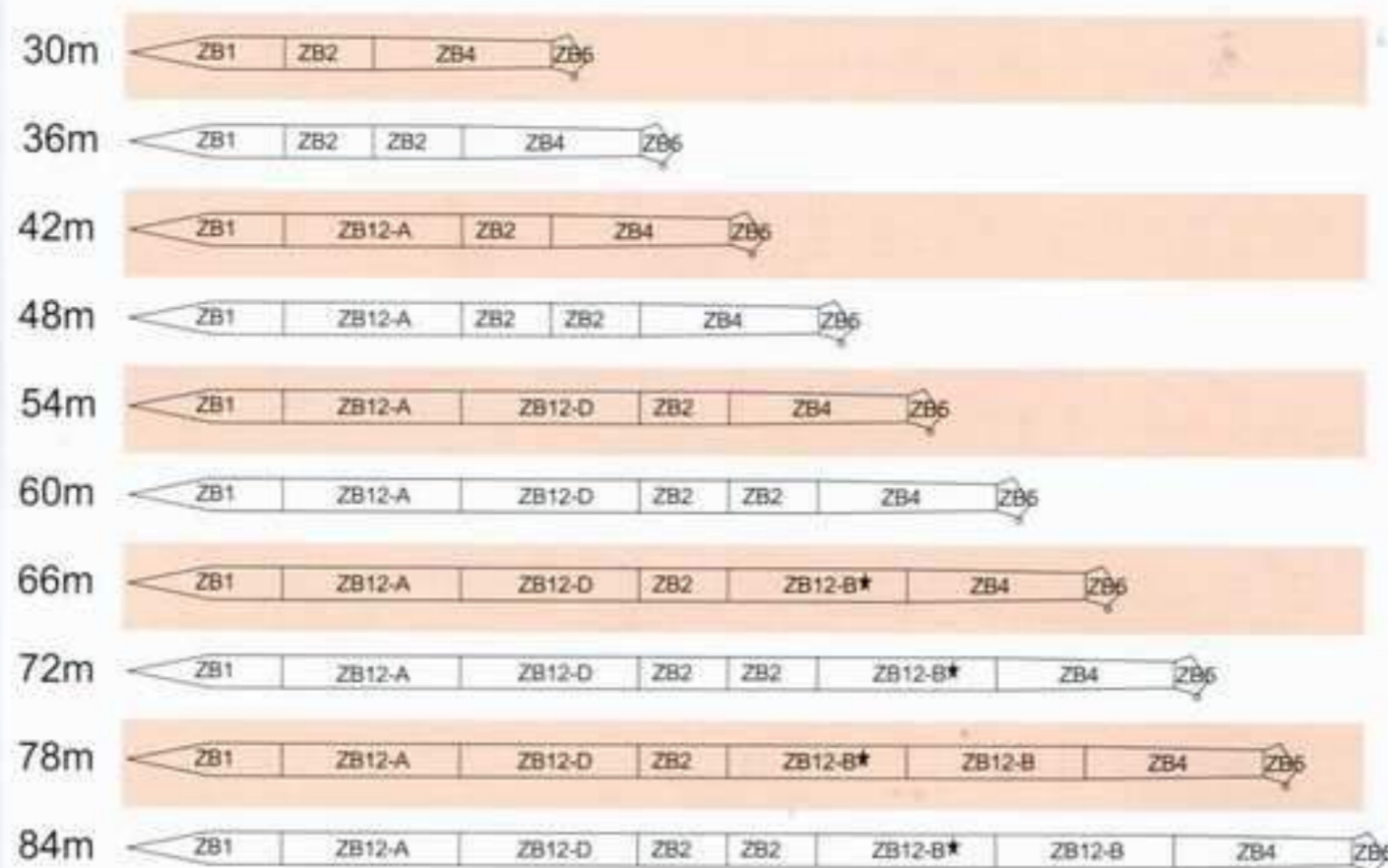
符号	臂杆长度	备注
ZB1	10.5米	主臂10.5米基础臂节
ZB2	6米	主臂6米中间臂节
ZB12-A	12米	主臂12米中间臂节
ZB12-B	12米	主臂12米中间臂节
ZB12-D	12米	主臂12米中间臂节
ZB4	12米	主臂12米变径臂节
ZB5	1.5米	主臂1.5米臂头

Note

Symbol	Boom length	Remarks
ZB1	10.5m	10.5m boom foot section
ZB2	6m	6m boom insert
ZB12-A	12m	12m boom insert A
ZB12-B	12m	12m boom insert B
ZB12-D	12m	12m boom insert D
ZB4	12m	12m boom tapered section
ZB5	1.5m	1.5m boom head

重主臂工况+超起桅杆+超起配重: (HSD) 臂节组合

Heavy-duty boom+SL mast+SL counterweight (HSD)



注: ☆处表示连接腰绳位置。
 Note: ☆ shows the position of connecting waist rope.

注解

符号	臂杆长度	备注
ZB1	10.5米	主臂10.5米基础臂节
ZB2	6米	主臂6米中间臂节
ZB12-A	12米	主臂12米中间臂节A
ZB12-B	12米	主臂12米中间臂节B
ZB12-D	12米	主臂12米中间臂节D
ZB4	12米	主臂12米变径臂节
ZB6	1.5米	主臂1.5米臂头

Note

Symbol	Boom length	Remarks
ZB1	10.5m	10.5m boom foot section
ZB2	6m	6m boom insert
ZB12-A	12m	12m boom insert A
ZB12-B	12m	12m boom insert B
ZB12-D	12m	12m boom insert D
ZB4	12m	12m boom tapered section
ZB6	1.5m	1.5m boom head

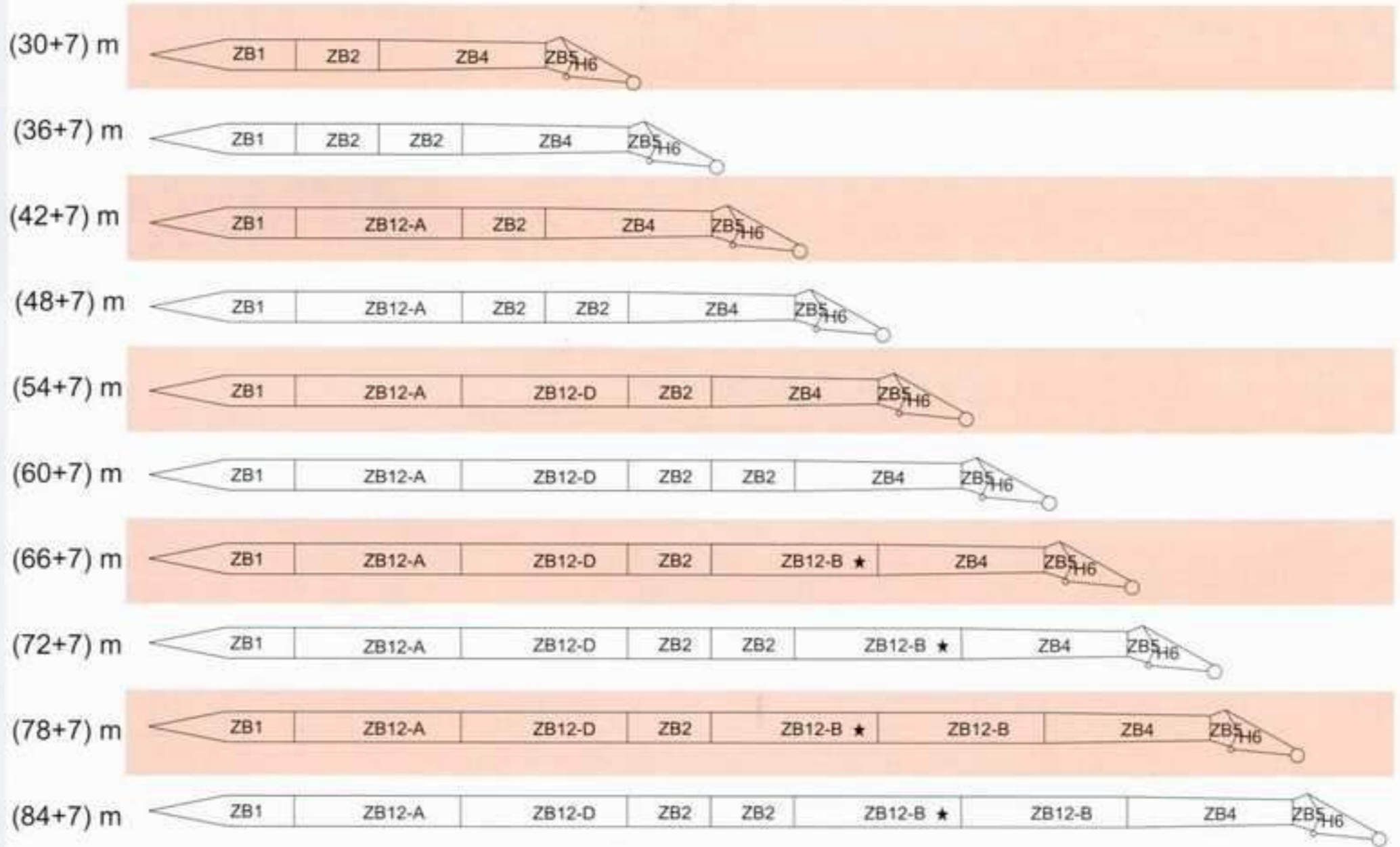


主臂和副臂组合

Itemized Boom / Jib Combinations Chart

风电专用主臂工况：（HW）臂节组合

Special boom for wind mill generator (HW)



注：☆处表示连接腰绳位置。 Note: ☆ shows the position of connecting waist rope.

注解

符号	臂杆长度	备注
	10.5米	主臂10.5米基础臂节
	6米	主臂6米中间臂节
	12米	主臂12米中间臂节A
	12米	主臂12米中间臂节B
	12米	主臂12米中间臂节D
	12米	主臂12米变径臂节
	1.5米	主臂1.5米臂头
	7米	主臂重型顶部臂节

Note

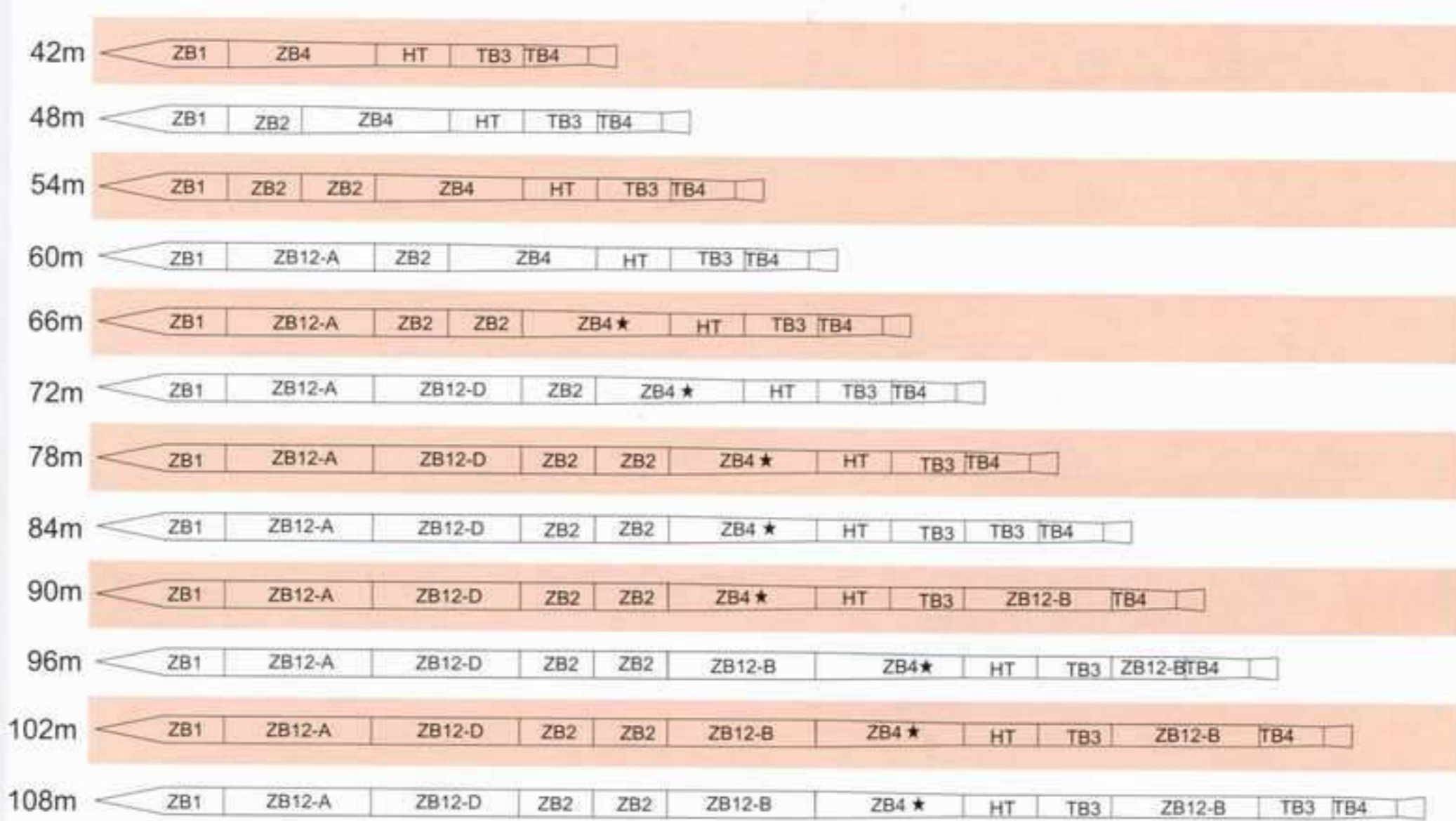
Symbol	Boom length	Remarks
	10.5m	10.5m boom foot section
	6m	6m boom insert
	12m	12m boom insert A
	12m	12m boom insert B
	12m	12m boom insert D
	12m	12m boom tapered section
	1.5m	1.5m boom head
	7m	boom top section

主臂和副臂组合

Itemized Boom / Jib Combinations Chart

重轻混合主臂 (H/L) 臂节组合

Heavy-duty and light-duty combined boom (H/L)



注: ☆处表示连接腰绳位置。 Note: ☆ shows the position of connecting waist rope.

注解

符号	臂杆长度	备注
	10.5米	主臂10.5米基础臂节
	6米	主臂6米中间臂节
	12米	主臂12米中间臂节A
	12米	主臂12米中间臂节B
	12米	主臂12米中间臂节D
	12米	主臂12米变径臂节
	6米	轻型6米中间臂节
	6米	塔臂6米中间臂节
	12米	塔臂12米中间臂节B
	7.5米	塔臂7.5米顶部臂节

Note

Symbol	Boom length	Remarks
	10.5m	10.5m boom foot section
	6m	6m boom insert
	12m	12m boom insert A
	12m	12m boom insert B
	12m	12m boom insert D
	12m	12m boom tapered section
	6m	6m light-duty insert
	6m	6m luffing jib insert
	12m	12m luffing jib insert
	7.5m	7.5m luffing jib top section



主臂和副臂组合

Itemized Boom / Jib Combinations Chart

重轻混合主臂工况+超起桅杆+超起配重：(HSD/L) 臂节组合

Heavy-duty and light-duty combined boom+SL mast+SL counterweight (HSD/L)



注: ☆处表示连接腰绳位置。 Note: ☆ shows the position of connecting waist rope.

注解

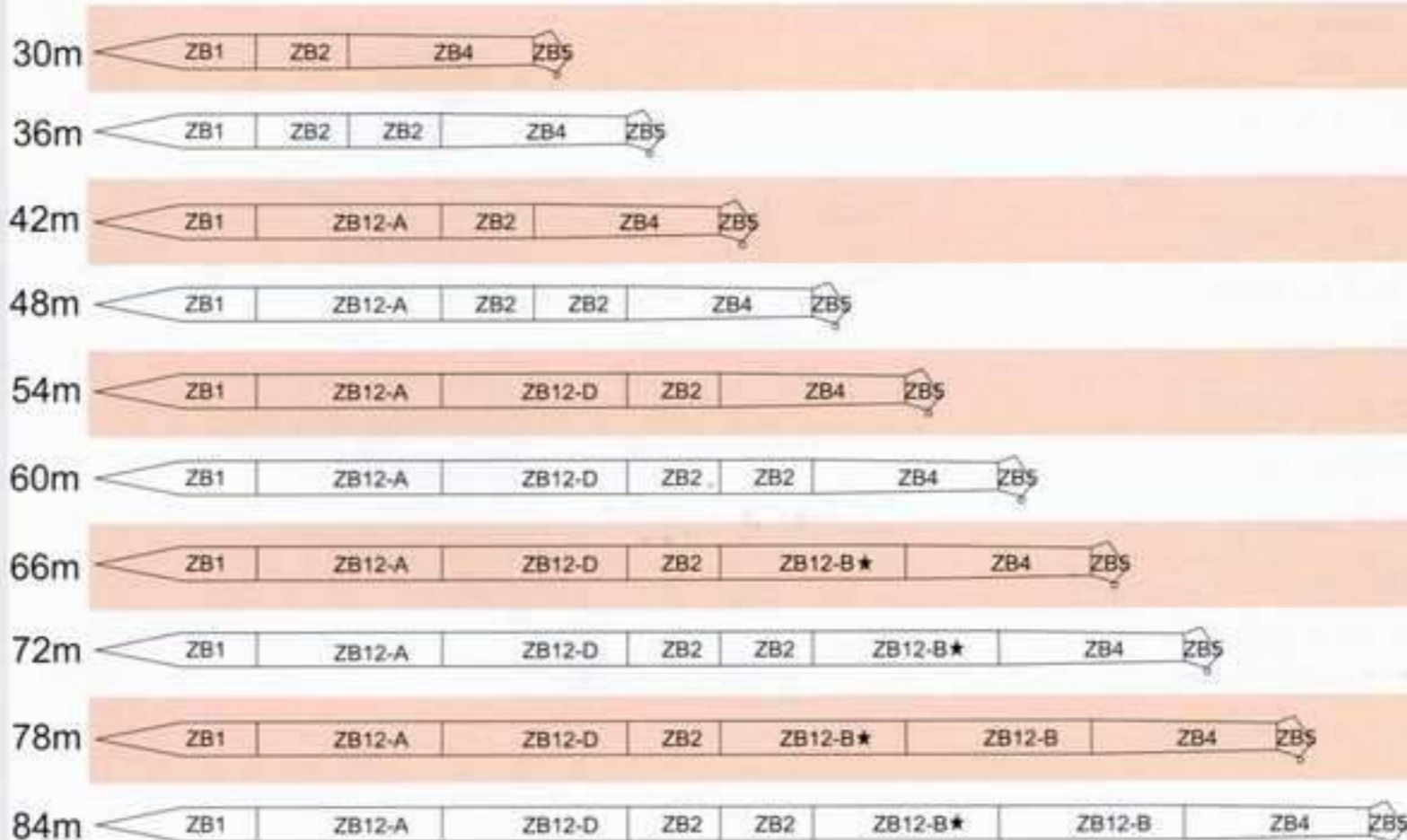
符号	臂杆长度	备注
ZB1	10.5米	主臂10.5米基础臂节
ZB2	6米	主臂6米中间臂节
ZB12-A	12米	主臂12米中间臂节A
ZB12-B	12米	主臂12米中间臂节B
ZB12-D	12米	主臂12米中间臂节D
ZB4	12米	主臂变径臂节
HT	6米	轻型臂6米中间臂节
TB3	6米	塔臂6米中间臂节
TB12-B	12米	塔臂12米中间臂节B
TB4	7.5米	塔臂7.5米顶部臂节

Note

Symbol	Boom length	Remarks
ZB1	10.5m	10.5m boom foot section
ZB2	6m	6m boom insert
ZB12-A	12m	12m boom insert A
ZB12-B	12m	12m boom insert B
ZB12-D	12m	12m boom insert D
ZB4	12m	12m boom tapered section
HT	6m	6m light-duty insert
TB3	6m	6m luffing jib insert
TB12-B	12m	12m luffing jib insert B
TB4	7.5m	7.5m luffing jib top section

重主臂工况+固定副臂：(HF) 主臂臂节组合

Boom of heavy-duty boom+fixed jib (HF)



注: ☆处表示连接腰绳位置。 Note: ☆ shows the position of connecting waist rope.

注解

符号	臂杆长度	备注
ZB1	10.5米	主臂10.5米基础臂节
ZB2	6米	主臂6米中间臂节
ZB12-A	12米	主臂12米中间臂节A
ZB12-B	12米	主臂12米中间臂节B
ZB12-D	12米	主臂12米中间臂节D
ZB4	12米	主臂12米变径臂节
ZB5	1.5米	主臂1.5米臂头

Note

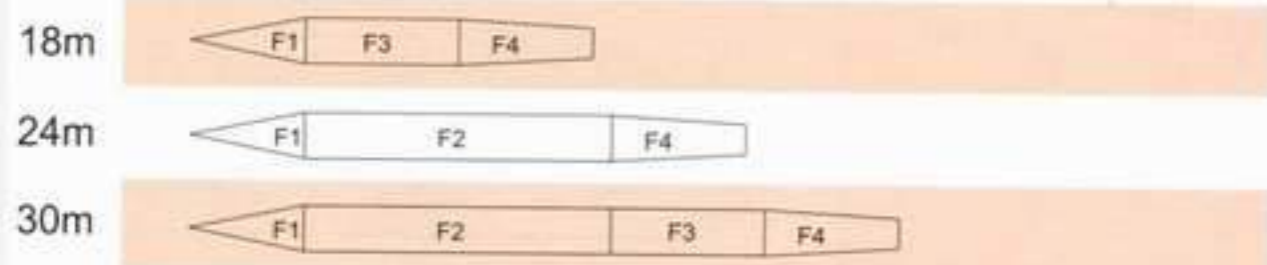
Symbol	Boom length	Remarks
ZB1	10.5m	10.5m boom foot section
ZB2	6m	6m boom insert
ZB12-A	12m	12m boom insert A
ZB12-B	12m	12m boom insert B
ZB12-D	12m	12m boom insert D
ZB4	12m	12m boom tapered section
ZB5	1.5m	1.5m boom head

主臂和副臂组合

Itemized Boom / Jib Combinations Chart

重主臂工况+固定副臂：（HF）副臂臂节组合

Fixed jib of heavy-duty boom+fixed jib (HF)



注解

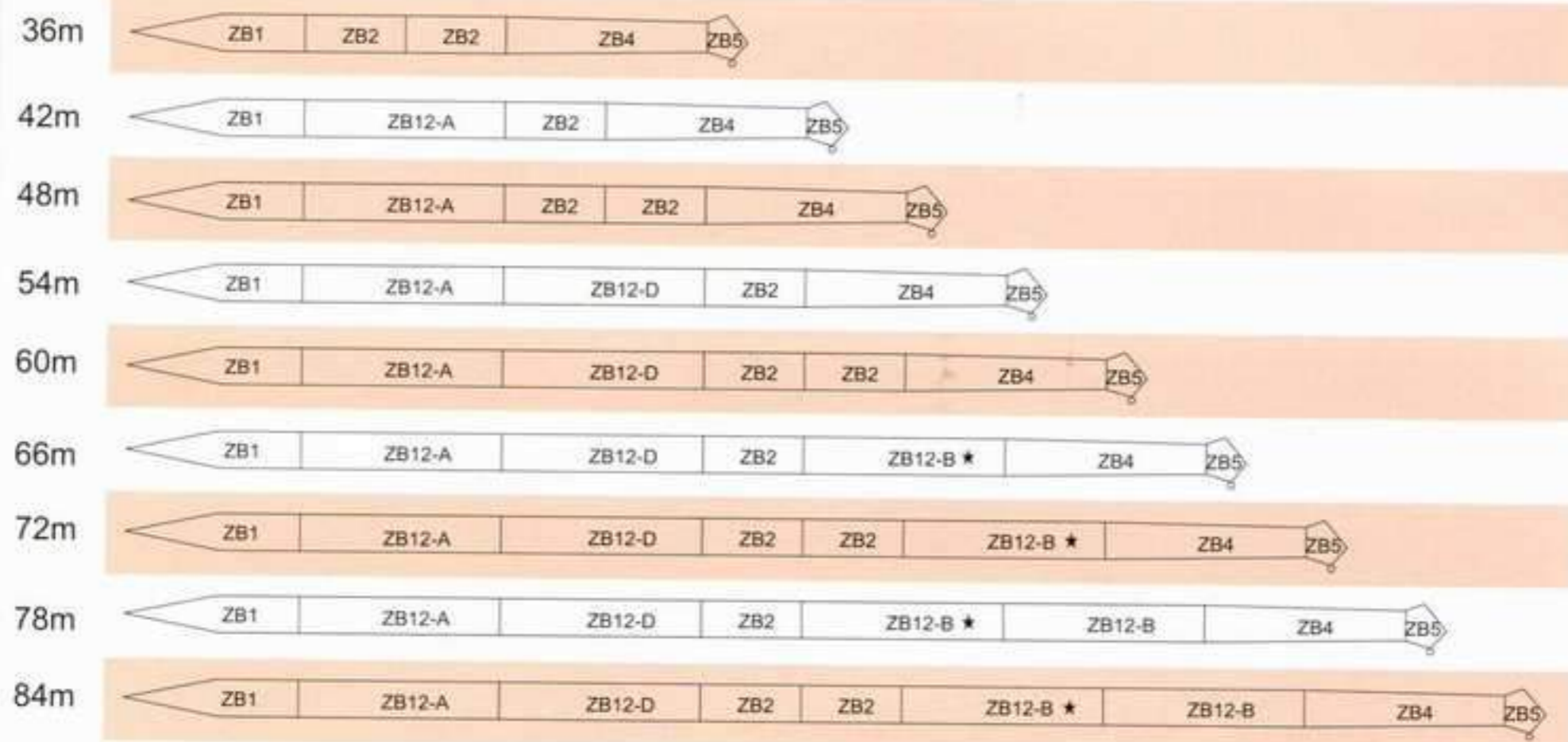
符号	臂杆长度	备注
	4.5米	固定副臂4.5米基础臂节
	12米	固定副臂12米中间臂节
	6米	固定副臂6米中间臂节
	7.5米	固定副臂7.5米顶部臂节

Note

Symbol	Boom length	Remarks
	4.5m	4.5m fixed jib foot section
	12m	12m fixed jib insert
	6m	6m fixed jib insert
	7.5m	7.5m fixed jib top section

重主臂工况+固定副臂+超起桅杆+超起配重：（HFSD）主臂臂节组合

Boom of heavy-duty boom+fixed jib+SL mast+SL counterweight (HFSD)



注：☆处表示连接腰绳位置。 Note: ☆ shows the position of connecting waist rope.

注解

符号	臂杆长度	备注
	10.5米	主臂10.5米基础臂节
	6米	主臂6米中间臂节
	12米	主臂12米中间臂节A
	12米	主臂12米中间臂节B
	12米	主臂12米中间臂节D
	12米	主臂12米变径臂节
	1.5米	主臂1.5米臂头

Note

Symbol	Boom length	Remarks
	10.5m	10.5 boom foot section
	6m	6m boom insert
	12m	12m boom insert A
	12m	12m boom insert B
	12m	12m boom insert D
	12m	12m boom tapered section
	1.5m	1.5m boom head

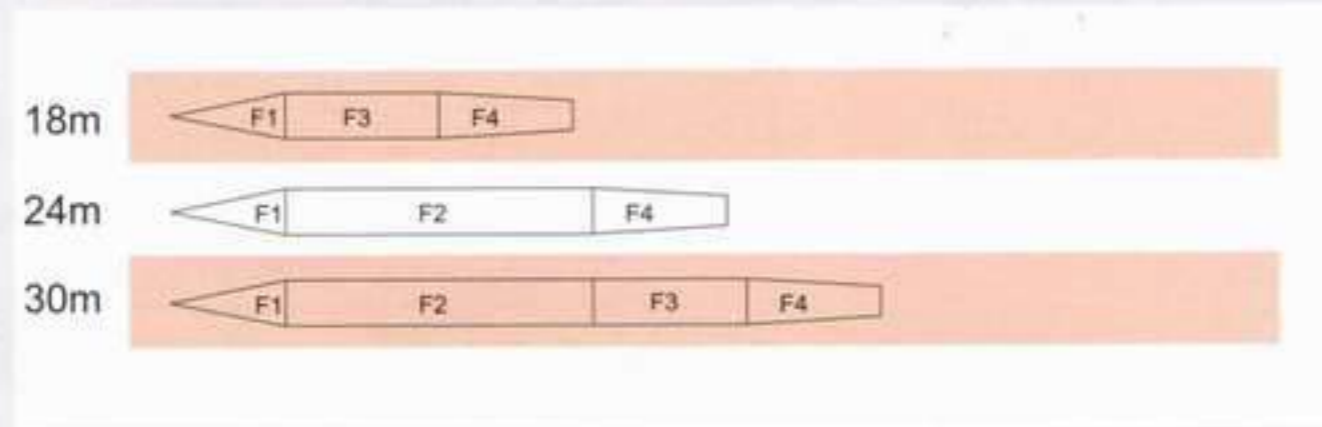


主臂和副臂组合

Itemized Boom / Jib Combinations Chart

重主臂工况+固定副臂+超起桅杆+超起配重：(HFSD) 副臂臂节组合

Fixed jib of heavy-duty boom+fixed jib+SL mast+SL counterweight (HFSD)



注解

符号	臂杆长度	备注
	4.5米	固定副臂4.5米基础臂节
	12米	固定副臂12米中间臂节
	6米	固定副臂6米中间臂节
	7.5米	固定副臂7.5米顶部臂节

Note

Symbol	Boom length	Remarks
	4.5m	4.5m fixed jib foot section
	12m	12m fixed jib insert
	6m	6m fixed jib insert
	7.5m	7.5m fixed jib top section

塔式工况：(HT) 主臂臂节组合

Luffing jib-attached boom (HT)



注：☆处表示连接腰绳位置。 Note: ☆ shows the position of connecting waist rope.

注解

符号	臂杆长度	备注
	10.5米	主臂10.5米基础臂节
	6米	主臂6米中间臂节
	12米	主臂12米中间臂节A
	12米	主臂12米中间臂节B
	12米	主臂12米中间臂节D
	12米	主臂12米变径臂节
	1.5米	主臂1.5米臂头

Note

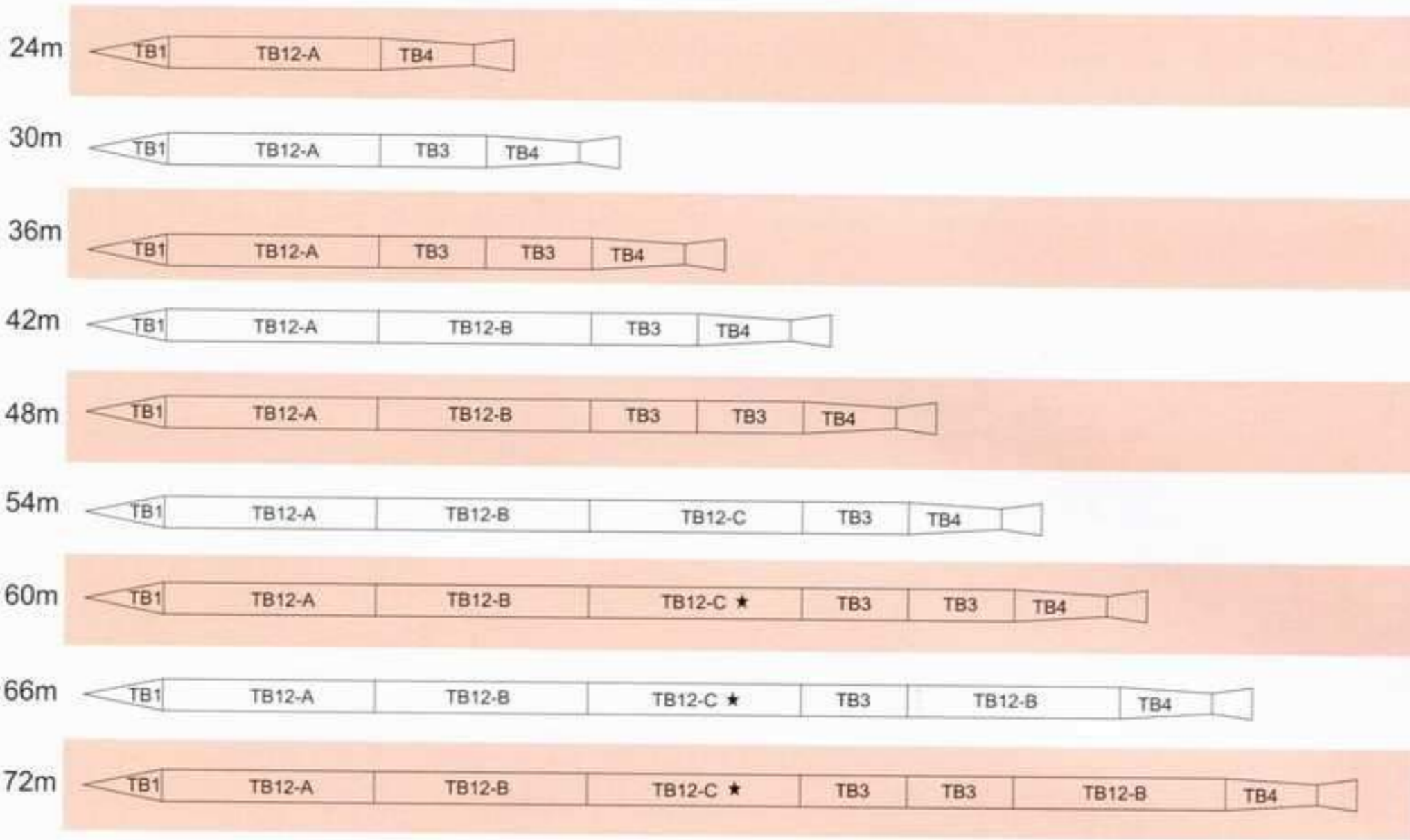
Symbol	Boom length	Remarks
	10.5m	10.5m boom foot section
	6m	6m boom insert
	12m	12m boom insert A
	12m	12m boom insert B
	12m	12m boom insert D
	12m	12m boom tapered section
	1.5m	1.5m boom head

主臂和副臂组合

Itemized Boom / Jib Combinations Chart

塔式工况：（HT）塔臂臂节组合

Luffing jib (HT)



注：☆处表示连接腰绳位置。 Note: ☆ shows the position of connecting waist rope.

注解

符号	臂杆长度	备注
	4.5米	塔臂4.5米基础臂节
	12米	塔臂12米中间臂节A
	12米	塔臂12米中间臂节B
	12米	塔臂12米中间臂节C
	6米	塔臂6米中间臂节
	7.5米	塔臂7.5米顶部臂节

Note

Symbol	Boom length	Remarks
	4.5m	4.5m luffing jib foot section
	12m	12m luffing jib insert A
	12m	12m luffing jib insert B
	12m	12m luffing jib insert C
	6m	6m luffing jib insert
	7.5m	7.5m luffing jib top section



H工况额定起重能力表

Rated Lifting Capacity Chart (H)



24m-78m



360°



120t



0t

主臂长 Boom length 工作幅度 Working radius	24.0m	30.0m	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	主臂长 Boom length 工作幅度 Working radius
5.0m	5.3/306	5.8/256.7									5.0m
6.0m	266.1	255.9	6.3/254.2	6.9/243.1							6.0m
7.0m	254.8	254.2	253.4	242.9	7.4/220.8	7.9/198.5					7.0m
8.0m	219.4	218.8	218.1	217.3	216.5	198.5	8.4/176.6	8.9/155.7			8.0m
9.0m	192.3	191.8	191.1	190.3	189.5	188.6	176.5	155.7	9.5/136.5	10.0/115.8	9.0m
10.0m	170.9	170.4	169.7	169.0	168.1	167.3	166.4	155.5	134.6	115.7	10.0m
11.0m	153.6	153.1	152.4	151.7	150.9	150.0	149.2	147.6	129.3	111.4	11.0m
12.0m	139.3	138.8	138.1	137.4	136.6	135.8	133.3	130.5	124.0	107.0	12.0m
14.0m	111.9	111.8	111.5	111.1	110.6	109.6	107.4	105.2	102.8	98.2	14.0m
16.0m	91.7	91.6	91.2	90.8	90.3	89.7	89.1	87.4	85.4	83.6	16.0m
18.0m	77.1	77.0	76.7	76.2	75.6	75.0	74.4	74.0	72.5	70.9	18.0m
20.0m	66.2	66.1	65.7	65.2	64.6	63.9	63.3	62.9	62.2	61.0	20.0m
22.0m	57.6	57.5	57.1	56.6	56.0	55.3	54.7	54.2	53.5	53.0	22.0m
24.0m	23.3/52.9	50.7	50.3	49.8	49.1	48.4	47.8	47.3	46.5	46.0	24.0m
26.0m		45.0	44.6	44.1	43.5	42.8	42.1	41.6	40.8	40.3	26.0m
28.0m		40.3	39.9	39.4	38.8	38.0	37.3	36.9	36.1	35.5	28.0m
30.0m		28.5/39.2	35.9	35.4	34.8	34.0	33.3	32.9	32.1	31.5	30.0m
32.0m			32.5	32.0	31.3	30.6	29.9	29.4	28.6	28.1	32.0m
34.0m			33.7/29.9	29.0	28.3	27.6	26.9	26.4	25.6	25.0	34.0m
36.0m				26.4	25.7	25.0	24.3	23.8	23.0	22.4	36.0m
38.0m				24.1	23.4	22.7	22.0	21.5	20.7	20.1	38.0m
40.0m				38.9/23.1	21.4	20.6	19.9	19.4	18.6	18.0	40.0m
42.0m					19.5	18.8	18.1	17.6	16.8	16.2	42.0m
44.0m					17.9	17.1	16.4	15.9	15.1	14.5	44.0m
46.0m					44.1/17.8	15.6	14.9	14.4	13.6	13.0	46.0m
48.0m						14.3	13.5	13.0	12.2	11.6	48.0m
50.0m						49.3/13.4	12.3	11.8	11.0	10.4	50.0m
52.0m							11.1	10.6	9.8	9.2	52.0m
54.0m							10.1	9.6	8.7	8.2	54.0m
56.0m							54.5/9.8	8.6	7.8	7.2	56.0m
58.0m								7.7	6.9	6.3	58.0m

H工况额定起重能力表

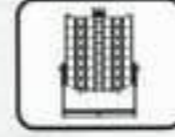
Rated Lifting Capacity Chart (H)



24m-84m



360°



140t



40t

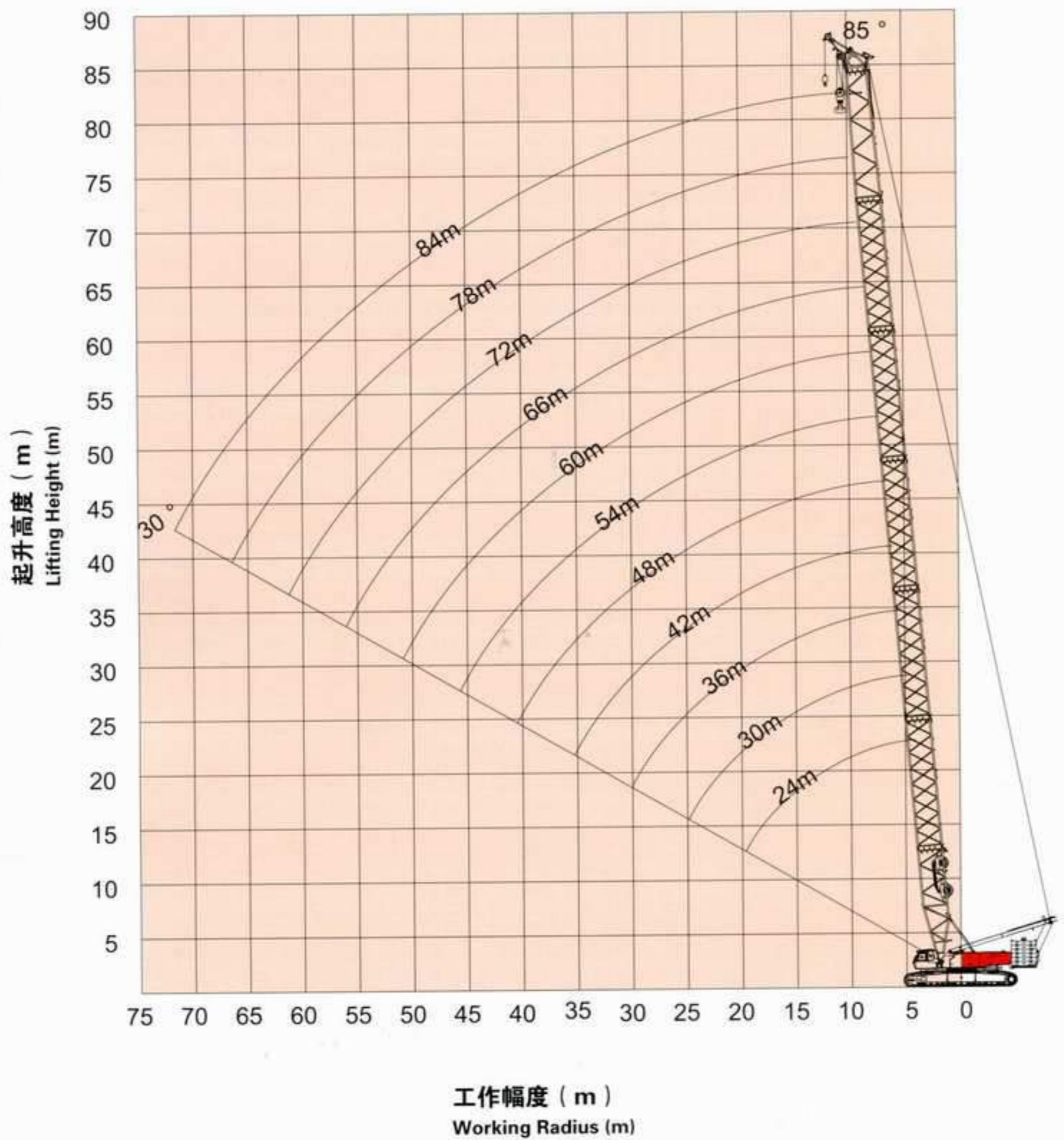
主臂长 Boom length 工作幅度 Working radius	24.0m	30.0m	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m	主臂长 Boom length 工作幅度 Working radius
5.0m	5.3/320.0	5.8/286.7										5.0m
6.0m	297.2	285.9	6.3/267.2	6.9/243.1								6.0m
7.0m	271.9	266.8	257.0	242.9	7.4/220.8	7.9/198.5						7.0m
8.0m	234.2	233.6	232.9	232.1	220.4	198.5	8.4/176.6	8.9/155.7				8.0m
9.0m	205.4	204.8	204.1	203.4	202.5	198.1	176.5	155.7	9.5/136.5	10.0/115.8		9.0m
10.0m	182.6	182.1	181.4	180.6	179.8	179.0	176.4	155.5	134.6	115.7	10.5/97.7	10.0m
11.0m	164.2	163.7	163.0	162.3	161.4	160.6	159.7	150.4	129.3	111.4	95.9	11.0m
12.0m	149.0	148.5	147.8	147.1	146.2	145.4	144.6	143.8	124.0	107.0	92.2	12.0m
14.0m	125.3	124.8	124.1	123.4	122.6	121.8	121.0	120.4	113.3	98.2	84.6	14.0m
16.0m	107.7	107.2	106.6	105.9	105.1	104.3	103.4	102.8	101.9	89.5	77.2	16.0m
18.0m	94.1	93.7	93.1	92.4	91.6	90.7	89.9	89.3	88.4	81.2	70.0	18.0m
20.0m	82.6	82.5	82.1	81.6	80.8	80.0	79.2	78.6	77.7	73.6	63.3	20.0m
22.0m	72.3	72.1	71.7	71.3	70.6	70.0	69.3	68.9	68.1	66.6	57.2	22.0m
24.0m	23.3/66.5	63.8	63.4	62.9	62.3	61.6	60.9	60.5	59.7	59.2	51.5	24.0m
26.0m		57.0	56.6	56.1	55.5	54.8	54.1	53.6	52.8	52.3	47.4	26.0m
28.0m		51.3	50.9	50.4	49.7	49.0	48.3	47.9	47.1	46.5	44.7	28.0m
30.0m		28.5/50.0	46.1	45.6	44.9	44.2	43.5	43.0	42.2	41.7	38.5	30.0m
32.0m			41.9	41.4	40.8	40.0	39.3	38.8	38.0	37.5	34.7	32.0m
34.0m			33.7/38.8	37.8	37.1	36.4	35.7	35.2	34.4	33.9	31.2	34.0m
36.0m				34.7	34.0	33.3	32.5	32.1	31.2	30.7	29.0	36.0m
38.0m				31.9	31.2	30.5	29.7	29.3	28.4	27.9	26.1	38.0m
40.0m				38.9/30.7	28.7	28.0	27.3	26.8	26.0	25.4	23.4	40.0m
42.0m					26.5	25.8	25.0	24.5	23.7	23.1	21.9	42.0m
44.0m					24.5	23.8	23.0	22.5	21.7	21.1	19.9	44.0m
46.0m					44.1/24.4	21.9	21.2	20.7	19.9	19.3	18.5	46.0m
48.0m						20.3	19.5	19.1	18.2	17.6	16.5	48.0m
50.0m						49.3/19.3	18.0	17.5	16.7	16.1	15.0	50.0m
52.0m							16.6	16.2	15.3	14.7	13.9	52.0m
54.0m							15.4	14.9	14.0	13.5	12.3	54.0m
56.0m							54.5/15.1	13.7	12.9	12.3	11.8	56.0m
58.0m								12.6	11.8	11.2	10.3	58.0m



H工况作业范围

Working Range (HT)

重主臂工况 (H) 作业范围
Working range of heavy-duty boom (H)



HS/HSD工况额定起重能力表

Rated Lifting Capacity Chart (HS/HSD)



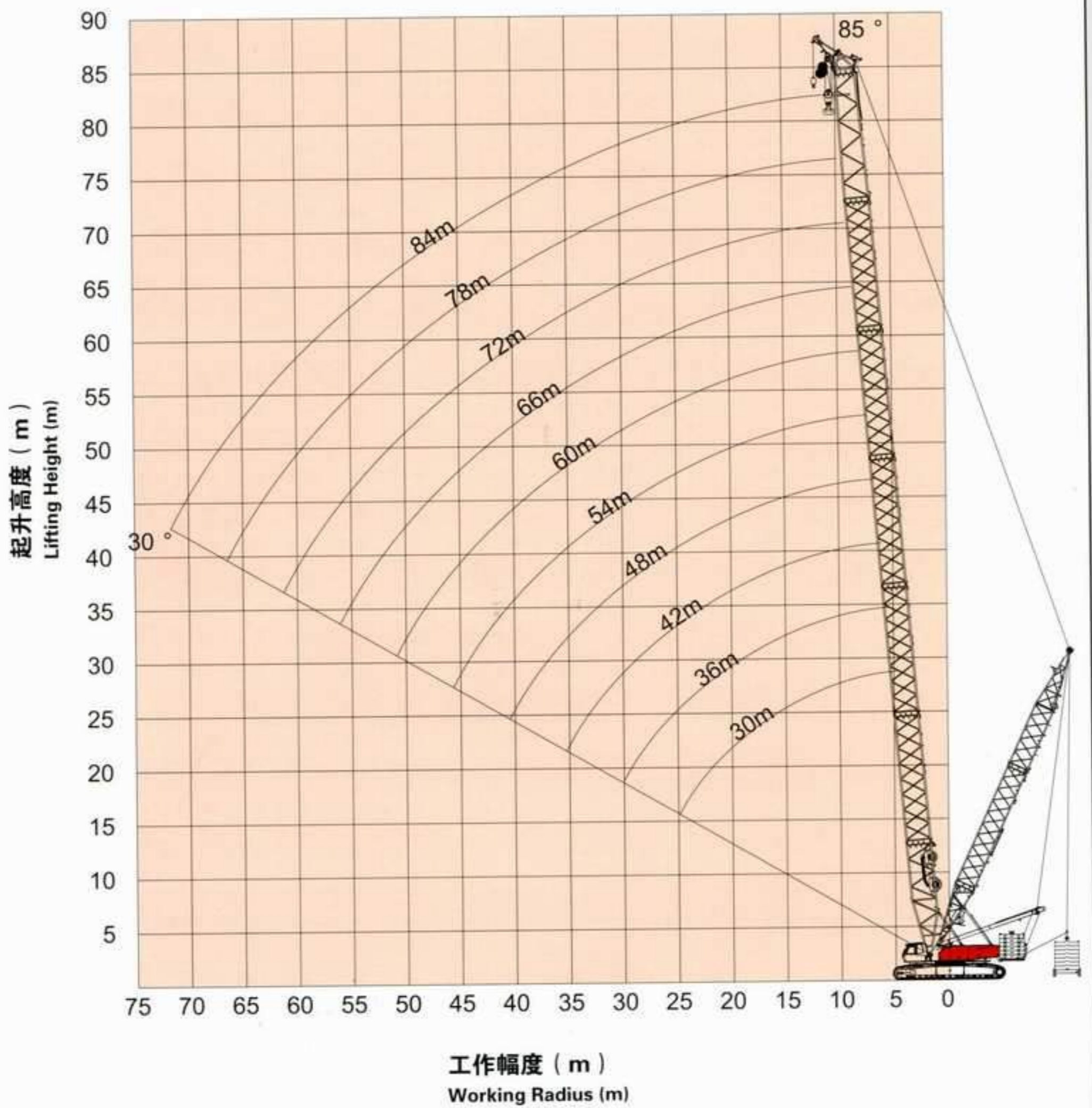
主臂长度 B.L	30m		36.0m		42.0m		48.0m		54.0m		60.0m		66.0m		72.0m		78.0m		84.0m	
起升高度 SL Cw	0t	0-160t	0t	0-160t	0t	0-160t	0t	0-160t	0t	0-160t	0t	0-160t	0t	0-160t	0t	0-160t	0t	0-160t	0t	0-160t
起升半径 SL R	9m	11-15m	9m	11-15m	9m	11-15m	9m	11-15m	9m	11-15m	9m	11-15m	9m	11-15m	9m	11-15m	9m	11-15m	9m	11-15m
工作幅度 Ld.R																				
6.0m	290.6	284.5																		
7.0m	288.6	281.3	276.6	276.3	261.3	265.7														
8.0m	263.4	278.1	246.2	271.9	231.1	260.6	217.4	264.6	207.1	230.2										
9.0m	227.2	274.8	213.9	267.8	202.1	255.8	191.2	259.1	182.8	224.8	174.4	211.3	168.4	171.7						
10.0m	199.9	271.5	189.2	263.7	179.6	251.2	170.7	253.9	163.7	219.7	156.7	206.2	151.8	165.7	144.2	168.5				
12.0m	161.3	264.8	153.8	256.0	146.9	242.8	140.4	244.5	135.3	210.5	130.2	196.9	126.8	159.8	121.0	163.7	116.7	150.7	109.3	114.1
14.0m	135.3	258.1	129.6	248.7	124.4	235.1	119.4	236.0	115.4	202.3	111.4	188.7	108.9	154.0	104.3	157.7	100.9	148.5	97.8	111.1
16.0m	116.8	251.2	112.1	241.7	108.0	227.9	103.9	228.2	100.6	194.9	97.4	181.4	95.4	148.4	91.6	154.0	88.8	146.6	86.3	108.2
18.0m	102.3	244.2	98.9	234.9	95.4	221.1	92.1	221.1	89.3	188.2	86.6	174.7	85.0	142.8	81.7	152.0	79.3	142.4	77.2	102.8
20.0m	88.3	219.7	87.5	218.5	85.6	211.4	82.7	204.8	80.2	182.1	77.9	168.7	76.0	137.4	72.3	145.9	69.1	136.2	69.2	98.1
22.0m	77.3	198.1	76.5	197.0	75.7	191.8	74.7	186.0	71.1	176.4	70.5	163.2	66.2	132.0	62.9	140.3	59.8	130.7	59.8	93.8
24.0m	68.5	177.8	67.8	176.3	66.9	174.8	66.0	170.5	62.6	165.0	62.0	158.0	58.2	126.8	55.2	124.0	52.4	125.7	52.2	89.9
26.0m	61.2	160.7	60.6	159.4	59.8	157.9	58.9	156.3	55.6	150.4	55.0	148.7	51.7	121.7	49.0	114.4	46.3	121.0	46.0	86.3
28.0m	55.2	146.5	54.5	145.2	53.8	143.8	52.9	142.3	49.8	136.8	49.1	136.1	46.3	116.6	43.8	112.0	41.2	116.5	40.9	83.1
30.0m			49.4	133.2	48.7	131.9	47.8	130.4	44.9	125.2	44.2	124.5	41.7	111.7	39.4	103.0	36.8	106.4	36.5	80.0
32.0m			45.1	122.9	44.3	121.6	43.5	120.3	40.6	115.3	39.9	114.6	37.8	106.9	35.6	101.8	33.1	97.8	32.7	77.2
34.0m					40.6	112.7	39.7	111.4	36.9	106.7	36.2	105.9	34.3	98.9	32.3	94.1	29.9	90.3	29.5	74.6
36.0m					37.2	104.9	36.4	103.7	33.7	99.1	33.0	98.4	31.3	91.9	29.4	87.4	27.1	79.5	26.6	72.2
38.0m						98.0	33.5	96.8	30.9	92.4	30.1	91.7	28.7	85.7	26.8	81.5	24.6	75.4	24.1	69.9
40.0m							30.9	90.7	28.3	86.5	27.6	85.8	26.3	80.2	24.6	76.2	22.4	70.5	21.9	67.7
44.0m							28.6	85.2	26.1	81.2	25.3	80.5	22.3	70.8	20.7	67.2	18.6	64.0	18.0	63.7
48.0m							26.5	80.3	24.0	76.4	23.3	75.7	19.0	63.2	17.5	59.8	15.5	56.8	14.9	56.5
52.0m									22.2	72.1	21.4	71.3	16.3	56.7	14.9	53.7	12.9	50.8	12.3	50.4
56.0m									20.5	68.1	19.7	67.4	13.9	51.3	12.7	48.5	10.7	45.7	10.1	41.6
60.0m											18.2	63.8	12.4	47.8	10.7	44.0	8.8	41.3	8.2	37.8
64.0m											16.8	60.5			9.1	40.1	7.2	37.5	6.5	34.1
68.0m											15.4	57.4					5.8	34.2	5.1	33.7
72.0m																	5.1	32.7	3.8	30.8
75.0m																			2.9	28.8



HSD工况作业范围

Working Range (HSD)

重主臂工况+超起桅杆+超起配重 (HSD) 作业范围
Working range of heavy-duty boom+SL mast+SL counterweight (HSD)



HW工况额定起重能力表

Rated Lifting Capacity Chart (HW)



84m



360°



140t



40t

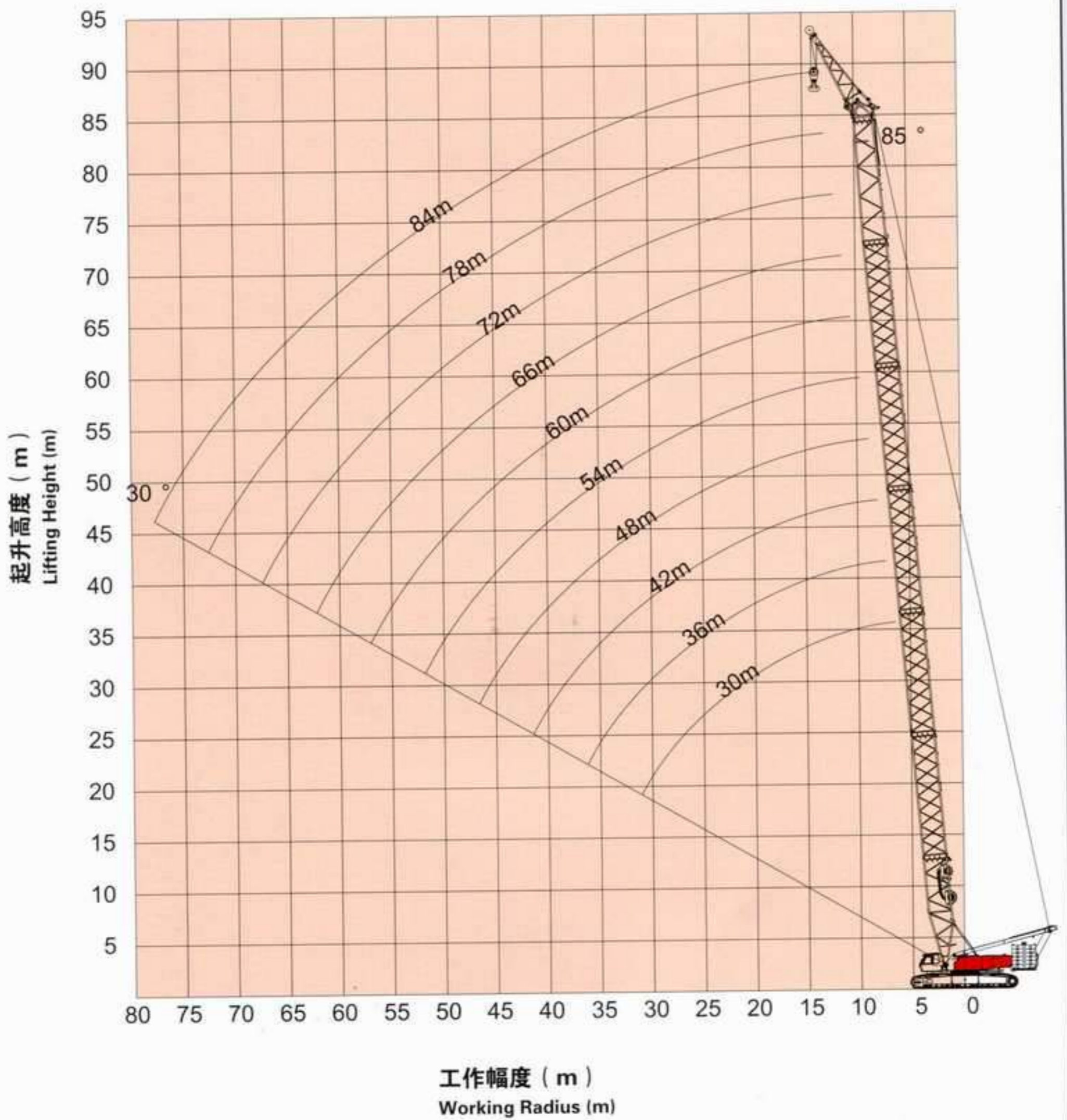
主臂长 B.L. 工作幅度 Ld.R.	30.0m	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m	主臂长 B.L. 工作幅度 Ld.R.
10.0m	80.0	80.0									10.0m
11.0m	80.0	80.0	80.0	80.0							11.0m
12.0m	80.0	80.0	80.0	80.0	80.0	80.0					12.0m
13.0m	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0			13.0m
14.0m	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	75.0	14.0m
15.0m	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	71.6	15.0m
16.0m	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	76.1	67.8	16.0m
17.0m	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	72.4	64.2	17.0m
18.0m	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	69.0	60.9	18.0m
19.0m	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	65.9	57.9	19.0m
20.0m	80.0	80.0	80.0	80.0	80.0	79.7	79.1	78.0	62.9	55.0	20.0m
22.0m	73.0	72.5	72.0	71.4	70.8	70.1	69.7	69.0	57.6	49.9	22.0m
24.0m	64.5	64.0	63.5	62.8	62.2	61.5	61.1	60.4	53.0	45.5	24.0m
26.0m	57.5	57.0	56.5	55.8	55.2	54.5	54.0	53.3	48.9	41.7	26.0m
28.0m	51.7	51.2	50.6	50.0	49.3	48.6	48.1	47.4	45.3	38.2	28.0m
30.0m	46.8	46.3	45.7	45.0	44.4	43.6	43.1	42.4	41.9	35.1	30.0m
32.0m	42.5	42.0	41.4	40.8	40.1	39.3	38.9	38.1	37.5	32.3	32.0m
34.0m	38.8	38.3	37.7	37.1	36.4	35.6	35.1	34.4	33.8	29.9	34.0m
36.0m	35.7/36.0	35.1	34.5	33.8	33.1	32.4	31.9	31.1	30.5	27.7	36.0m
38.0m		32.2	31.6	30.9	30.3	29.5	29.0	28.2	27.6	25.6	38.0m
40.0m		29.6	29.1	28.4	27.7	26.9	26.4	25.6	25.0	23.8	40.0m
42.0m			26.8	26.1	25.4	24.6	24.1	23.3	22.7	22.0	42.0m
44.0m			24.7	24.0	23.3	22.6	22.0	21.2	20.7	20.5	44.0m
46.0m			22.8	22.2	21.5	20.7	20.2	19.4	18.8	19.0	46.0m
48.0m				20.4	19.8	19.0	18.5	17.6	17.0	17.7	48.0m
50.0m				18.9	18.2	17.4	16.9	16.1	15.5	14.6	50.0m
52.0m				51.4/17.9	16.8	16.0	15.5	14.6	14.0	13.2	52.0m
54.0m					15.4	14.6	14.1	13.3	12.7	11.9	54.0m
56.0m					14.2	13.4	12.9	12.1	11.5	10.6	56.0m
58.0m						12.3	11.8	10.9	10.4	9.5	58.0m
60.0m						11.2	10.7	9.9	9.3	8.4	60.0m
62.0m						61.8/10.3	9.7	8.9	8.3	7.5	62.0m
64.0m							8.8	8.0	7.4	6.5	64.0m
66.0m							7.9	7.1	6.5	5.7	66.0m
68.0m								6.3	5.7	4.9	68.0m
70.0m								5.5	4.9	4.1	70.0m



HW工况作业范围

Working Range (HW)

风电专用主臂工况 (HW) 作业范围
Working range of special boom
for wind mill generator (HW)





H/L工况额定起重能力表

Rated Lifting Capacity Chart (H / L)



42m-108m



360°



140t



40t

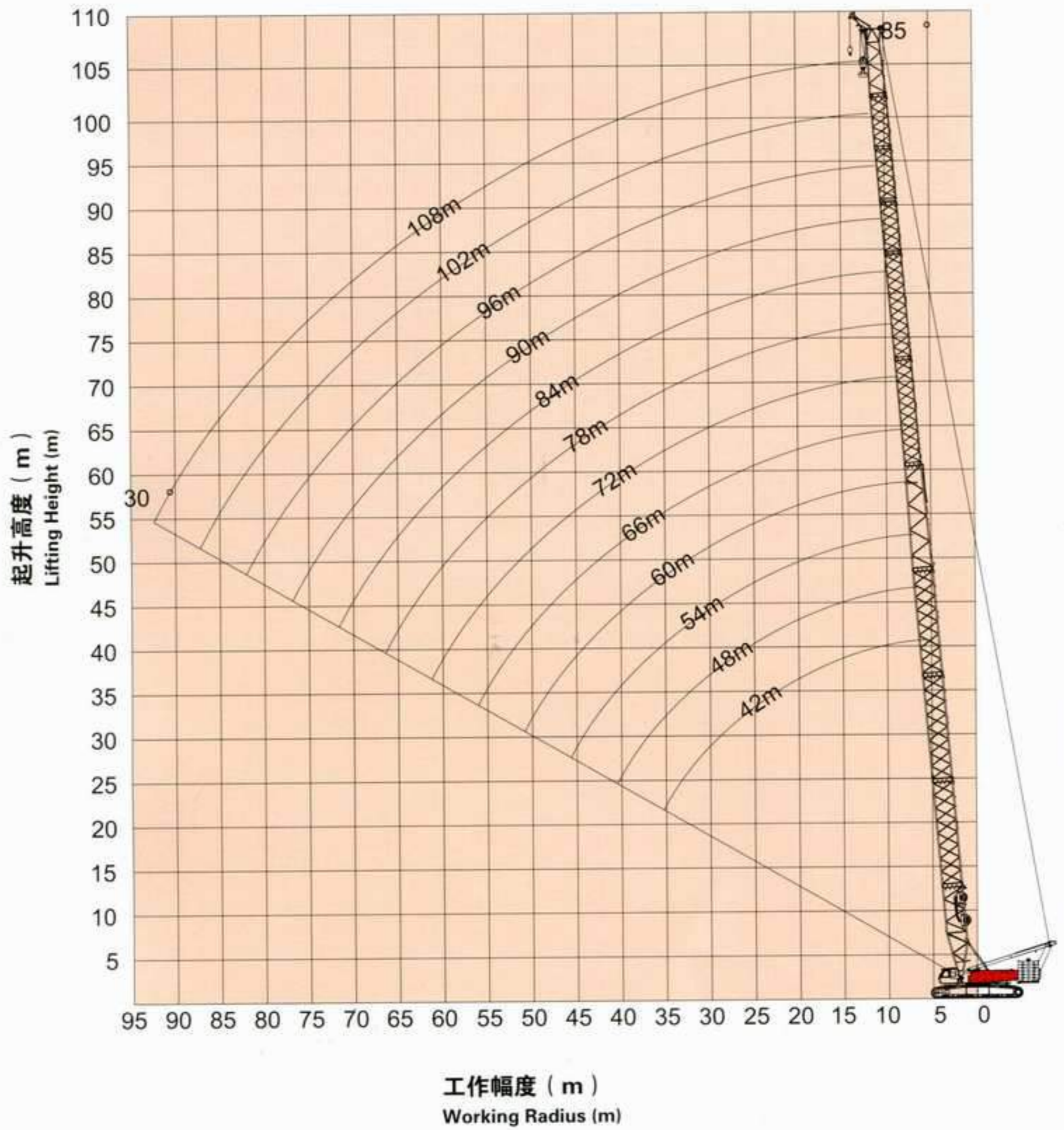
主臂长 Boom length 工作幅度 Working radius	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m	90.0m	96.0m	102.0m	108.0m
7.0m	160.5											
8.0m	160.5	160.5										
9.0m	160.5	155.0	149.5	140.1								
10.0m	151.1	147.8	144.5	136.2	128.1							
11.0m	147.3	143.0	138.8	131.2	124.7	118.1	99.1					
12.0m	139.3	135.2	131.0	125.6	120.1	114.3	97.8	83.0				
14.0m	114.4	113.5	112.6	111.7	106.5	105.0	95.2	80.7	71.4	62.3	55.2	
16.0m	96.7	95.3	94.0	93.5	88.5	87.9	87.9	78.2	70.2	61.3	54.4	46.4
18.0m	83.7	82.4	81.1	80.5	75.4	74.8	74.7	74.3	69.0	60.3	53.7	45.6
20.0m	73.5	72.4	71.2	70.5	65.5	64.9	64.8	64.3	63.7	59.1	52.8	44.9
22.0m	65.8	64.6	63.4	62.6	57.8	57.1	57.0	56.6	55.9	55.7	52.0	44.1
24.0m	59.6	58.4	57.1	56.3	51.5	50.9	50.8	50.2	49.7	49.5	48.7	43.2
26.0m	54.5	53.2	51.9	51.1	46.4	45.8	45.7	45.1	44.5	44.3	43.4	41.9
28.0m	50.1	48.9	47.6	46.7	42.1	41.4	41.3	40.7	40.1	39.9	39.0	38.6
30.0m	46.5	45.2	43.9	43.0	38.4	37.8	37.7	37.0	36.3	36.1	35.3	34.9
34.0m	40.0	38.6	37.2	36.4	32.2	31.4	31.3	30.7	30.0	29.8	28.9	28.5
38.0m	35.1	33.6	32.1	31.2	27.4	26.6	26.5	25.8	25.1	24.8	23.8	23.4
42.0m		33.4	31.8	30.7	27.3	26.4	26.3	25.4	24.3	24.0	22.8	22.3
46.0m			31.3	30.0	27.0	25.7	25.4	24.4	23.2	22.8	21.3	20.8
50.0m				29.2	26.2	24.7	24.3	23.1	21.7	21.3	19.6	19.0
54.0m				28.2	25.2	23.5	23.0	21.5	20.0	19.5	17.7	16.9
58.0m					24.3	22.3	21.6	19.9	18.2	17.5	15.7	14.7
62.0m						20.9	20.1	18.3	16.3	15.5	13.3	12.3
66.0m							18.6	16.4	14.4	13.6	11.2	9.8
70.0m								14.6	12.3	11.3	8.7	7.5
74.0m									12.0	9.7	8.5	
78.0m										7.1	6.1	



H/L工况作业范围

Working Range (H/L)

重轻混合主臂工况 (H/L) 作业范围
Working range of heavy-duty and light-duty combined boom (H/L)



HSD/L工况额定起重能力表

Rated Lifting Capacity Chart (HSD / L)



78m-108m



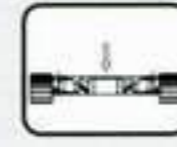
30m



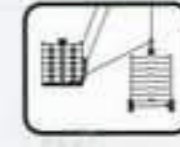
360°



140t



40t



0-160t
9m-15m

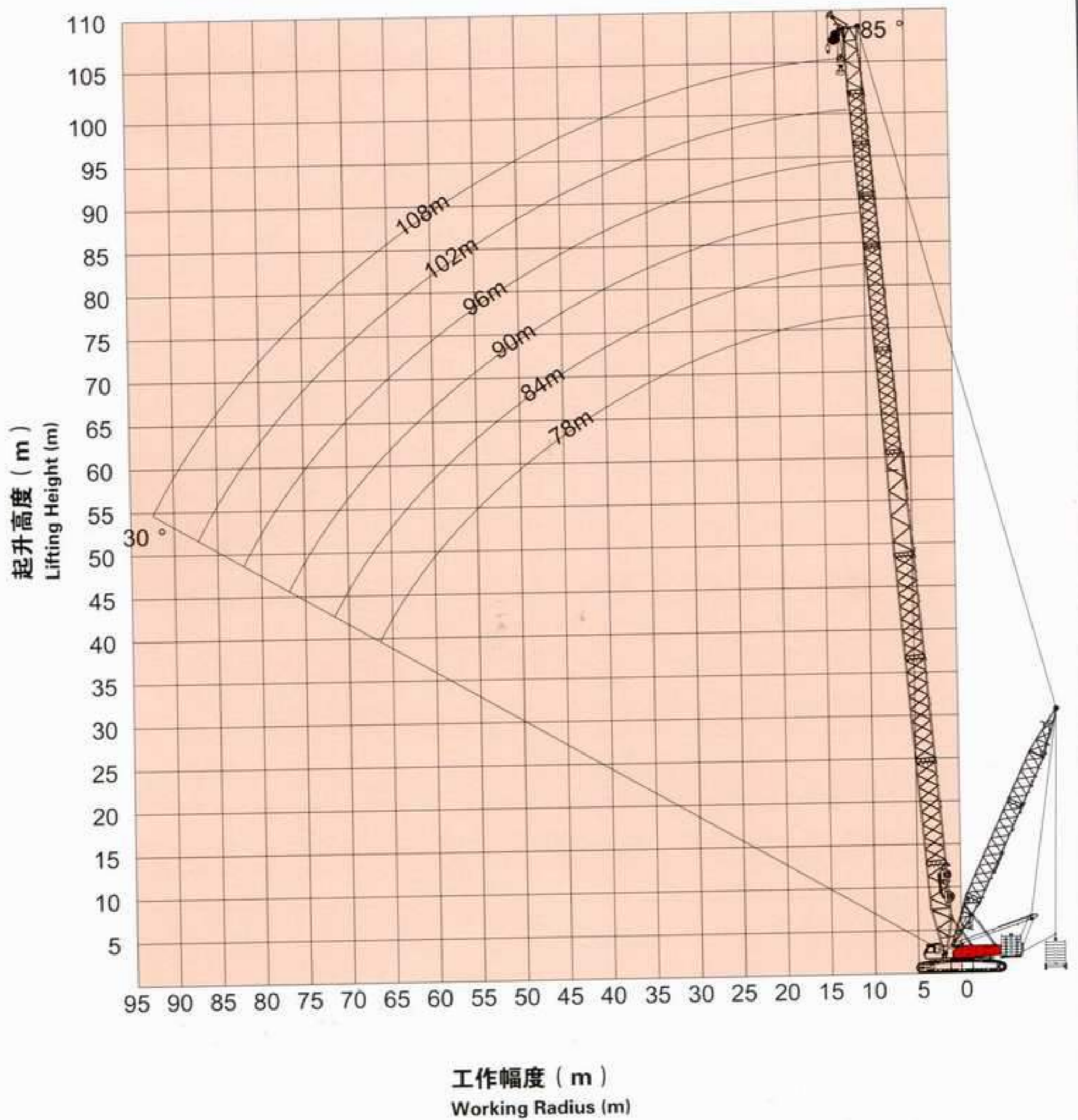
主臂长度 B.L	78.0m		84.0m		90.0m		96.0m		102.0m		108m	
额定起重 SL Cw	0t	0-160t	0t	0-160t	0t	0-160t	0t	160t	0t	160t	0t	160t
额定半径 SL R	9m	9-15m	9m	9-15m	9m	9-15m	9m	9-15m	9m	9-15m	9m	9-15m
工作幅度 Ld R												
10.0m	131.6	145.1										
11.0m	131.6	145.1	112.6	122.2	94.3	102.3						
12.0m	131.6	145.1	112.6	122.2	94.3	102.3	78.0	91.2	65.4	76.7		
14.0m	124.8	145.1	112.6	122.2	94.3	102.3	78.0	91.2	65.4	76.7	58.8	65.7
16.0m	102.8	145.1	102.8	122.2	94.3	102.3	78.0	91.2	65.4	76.7	58.8	65.7
18.0m	87.3	144.5	86.9	122.2	86.6	102.3	78.0	91.2	65.4	76.7	58.8	65.7
20.0m	75.3	144.5	74.9	120.5	74.6	101.6	74.2	91.2	65.4	75.6	58.8	65.7
22.0m	66.0	143.7	65.6	118.0	65.2	101.6	64.8	90.6	64.7	75.6	58.8	65.7
24.0m	58.5	143.4	58.1	115.4	57.7	101.6	57.3	90.6	57.1	75.6	56.9	65.7
26.0m	52.3	139.4	51.9	112.8	51.5	101.6	51.0	90.6	50.9	75.6	50.8	65.7
28.0m	47.1	136.4	46.6	109.1	46.2	101.6	45.8	90.6	45.6	75.6	45.5	65.1
30.0m	42.7	132.9	42.2	105.2	41.8	100.9	41.4	90.6	41.2	75.6	41.1	64.4
34.0m	35.3	125.0	34.9	96.7	34.3	97.2	33.9	88.4	33.7	75.6	33.6	62.4
38.0m	29.6	114.9	29.1	88.1	28.7	93.4	28.2	86.3	27.9	73.8	27.7	60.3
42.0m	25.1	103.4	24.5	79.2	23.9	88.8	23.3	84.0	23.0	71.9	22.8	58.2
46.0m	21.3	93.1	20.6	70.2	20.0	83.9	19.4	81.7	19.1	69.9	18.9	55.9
50.0m	18.1	84.6	17.4	63.9	16.8	81.3	16.1	79.4	15.8	67.9	15.6	53.6
54.0m	15.4	77.4	14.7	58.8	14.1	76.6	13.4	76.1	13.1	64.0	12.8	51.3
58.0m	13.2	71.3	12.4	54.0	11.8	70.4	11.1	69.9	10.7	61.6	10.5	49.0
62.0m	11.3	66.0	10.5	49.2	9.8	65.0	9.1	64.5	8.6	58.3	8.3	46.9
66.0m	9.7	61.4	8.8	44.3	8.0	60.3	7.3	59.8	6.9	55.7	6.6	45.1
70.0m			7.4	39.4	6.6	56.2	6.7	55.6	5.3	53.1	5.0	43.3
74.0m			6.2	34.3	5.3	52.5	4.4	51.9	4.0	50.6	3.5	41.6
78.0m					4.2	49.2	3.3	48.6		48.0		40.4
82.0m								45.7		45.3		39.2
86.0m										42.6		38.0
90.0m										39.9		36.8
94.0m												35.5



HSD/L工况作业范围

Working Range (HSD / L)

重轻混合主臂工况+超起桅杆+超起配重 (HSD/L) 作业范围
Working range of heavy-duty and light-duty combined boom+SL mast+SL counterweight (HSD/L)



HF工况额定起重能力表

Rated Lifting Capacity Chart (HF)



30m-84m



10° , 30°
18m-30m



360°



140t



40t

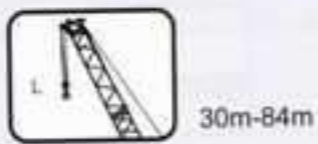
主臂长度 B.L 超起配置 SL Cw	30.0m						36.0m					
	18.0m		24.0m		30.0m		18.0m		24.0m		30.0m	
	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
工作幅度 Ld.R												
超起半径 SL R												
8.0m	104.5											
9.0m	103.2	92.5					105.3					
10.0m	102.1	88.8					104.0	91.2				
11.0m	101.4	84.1					101.8	87.0				
12.0m	98.9	79.9	61.3				97.5	83.3	58.8			
14.0m	89.9	72.6	58.3				93.9	76.0	57.8			
16.0m	81.1	66.2	55.2			34.4	87.1	70.7	56.2			34.3
18.0m	76.2	62.7	50.1			32.8	80.2	65.2	53.1			32.8
20.0m	70.7	59.1	45.9	23.4		31.4	75.3	62.1	48.9	23.8		31.6
22.0m	65.6	55.5	42.1	22.2		30.8	66.2	59.0	45.2	22.7		30.8
24.0m	60.0	51.8	39.1	21.1		30.4	59.0	56.4	41.9	21.7		30.7
26.0m	53.7	48.1	36.5	20.1		28.3	53.2	53.2	39.2	20.8		29.9
28.0m	49.1	45.9	34.1	19.3		26.4	48.3	48.6	36.8	20.0		28.0
30.0m	44.8	44.4	32.2	18.5		24.7	43.9	44.2	34.8	19.2		26.3
34.0m	37.8	38.0	28.6	17.1		21.8	36.8	37.0	31.0	17.8		23.3
38.0m	32.3	32.5	25.8	15.9		19.6	31.4	31.6	28.1	16.7		20.9
42.0m			23.5	15.1		17.7	27.1	27.2	25.7	15.7		18.9
46.0m			21.8	14.4		16.1			23.7	15.0		17.4
50.0m			20.3			14.9			22.0	14.4		16.0
54.0m						13.8			19.8			14.9
58.0m						12.9						13.9
62.0m						12.1						13.1
66.0m												12.4

主臂长度 B.L 超起配置 SL Cw	42.0m				48.0m							
	18.0m		24.0m		30.0m		18.0m		24.0m		30.0m	
	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
工作幅度 Ld.R												
超起半径 SL R												
10.0m	104.0								106.2			
11.0m	99.6	89.5							102.9	87.5		
12.0m	97.1	85.8							97.9	85.1		
14.0m	91.8	79.0	57.3						90.4	81.5	55.3	
16.0m	84.6	73.6	55.2			33.1			84.3	76.1	53.7	
18.0m	78.6	68.7	52.0			32.6			80.2	71.7	53.6	32.3
20.0m	74.8	64.7	50.0	24.1		31.4			71.7	67.7	53.5	31.0
22.0m	65.6	62.1	47.9	23.1		30.9			64.6	64.1	50.5	23.4
24.0m	57.9	58.4	44.7	22.1		30.7			57.4	57.9	47.2	22.6
26.0m	52.2	52.7	41.8	21.3		30.6			51.4	51.6	44.3	21.7
28.0m	47.2	47.5	39.4	20.5		29.5	14.5		46.3	46.7	41.8	21.0
30.0m	42.9	43.3	37.2	19.8		27.9	13.9		42.0	42.4	39.6	20.3
34.0m	35.8	36.0	33.3	18.5		24.8	12.8		34.8	35.1	35.6	19.0
38.0m	30.2	30.4	30.3	17.3		22.3	11.8		29.3	29.5	31.4	17.9
42.0m	25.9	26.0	27.7	16.4		20.2	11.0		24.9	25.2	26.9	16.9
46.0m	22.4	22.5	24.1	15.6		18.5	10.3		21.3	21.4	23.3	16.1
50.0m	19.3	19.4	21.2	15.0		17.1	9.8		18.2	18.3	20.3	15.4
54.0m			18.7	14.4		15.8	9.3		15.6	15.7	17.6	14.9
58.0m			16.4			14.9	8.8				15.3	14.5
62.0m						14.0	8.5				13.3	14.4
66.0m						13.2	8.3				11.5	12.7
70.0m						12.1						11.1
74.0m												9.7



HF工况额定起重能力表

Rated Lifting Capacity Chart (HF)



主臂长度 B.L 超起配置 SL Cw	54.0m				30.0m		18.0m		60.0m		30.0m	
	18.0m		24.0m		30.0m		18.0m		24.0m		30.0m	
工作幅度 Ld.R	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
11.0m	107.0								107.0			
12.0m	104.7	89.2							104.0	87.2		
14.0m	98.8	83.5	53.3						94.8	84.9	51.9	
16.0m	87.1	78.6	53.2						83.1	80.1	51.7	
18.0m	76.7	74.2	52.1						73.7	74.2	51.1	30.6
20.0m	68.7	69.7	52.5			31.8			65.7	66.7	51.0	30.4
22.0m	62.1	62.6	51.9	23.7		30.1			59.0	60.0	51.4	23.9
24.0m	55.9	56.9	49.5	22.9		30.2			53.8	54.3	50.4	23.1
26.0m	50.4	50.9	46.6	22.1		30.3			49.0	49.6	48.7	22.4
28.0m	45.4	45.8	44.0	21.3		30.3	14.8		44.4	44.9	45.3	21.7
30.0m	41.1	41.5	41.8	20.7		30.3	14.2		40.0	40.4	41.8	21.1
34.0m	33.8	34.2	36.1	19.4		27.3	13.2		32.8	33.1	35.1	19.8
38.0m	28.3	28.6	30.4	18.4		24.8	12.3		27.2	27.5	29.4	18.8
42.0m	23.8	24.1	25.9	17.4		22.6	11.6		22.6	22.9	24.9	17.9
46.0m	19.9	20.3	22.3	16.6		20.8	10.9		18.8	19.0	21.1	17.0
50.0m	16.8	17.0	19.1	16.0		19.2	10.3		15.5	15.7	17.9	16.4
54.0m	14.2	14.3	16.4	15.3		17.7	9.8		12.9	13.0	15.1	15.7
58.0m	12.0	12.1	14.0	14.9		15.4	9.4		10.6	10.8	12.8	14.2
62.0m			12.0	13.0		13.3	9.0		8.6	8.8	10.7	12.0
66.0m			10.1			11.5	8.7			7.0	8.9	9.9
70.0m						9.9	8.4				7.3	
74.0m						8.5	8.2				6.0	
78.0m						7.2						
82.0m						6.1						
86.0m												
主臂长度 B.L	66.0m				30.0m		18.0m		72.0m		30.0m	
超起配置 SL Cw	18.0m		24.0m		30.0m		18.0m		24.0m		30.0m	
工作幅度 Ld.R	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
12.0m	93.1								78.9			
14.0m	90.9	84.9							77.7	73.6		
16.0m	79.6	80.6	49.5						75.3	72.0	46.9	
18.0m	70.7	71.7	49.5			29.6			67.7	68.0	46.5	27.3
20.0m	63.1	64.1	49.1			29.4			60.6	61.1	46.2	26.9
22.0m	57.0	57.5	49.1	24.1		28.9			54.4	55.0	45.9	26.6
24.0m	51.3	52.3	49.1	23.4		28.7			49.3	50.0	45.6	23.5
26.0m	47.0	47.6	47.4	22.6		28.9			44.7	45.4	45.2	22.8
28.0m	43.0	43.6	43.5	21.9		29.0			40.8	41.4	41.5	22.3
30.0m	39.4	39.8	40.1	21.4		29.1	14.5		37.3	37.9	38.1	21.7
34.0m	32.1	32.5	34.1	20.2		29.1	13.5		31.1	31.6	32.2	20.5
38.0m	26.5	26.9	28.8	19.1		27.0	12.6		25.3	25.7	27.4	19.6
42.0m	21.7	22.0	24.3	18.3		24.8	12.0		20.4	20.9	23.2	18.6
46.0m	17.9	18.1	20.4	17.5		22.0	11.3		16.6	16.9	19.2	17.8
50.0m	14.7	14.9	17.0	16.7		18.7	10.7		13.3	13.7	16.0	17.1
54.0m	11.9	12.1	14.3	16.1		15.8	10.3		10.7	10.9	13.1	15.2
58.0m	9.7	9.9	11.9	13.5		13.4	9.8		8.4	8.6	10.7	12.5
62.0m	7.6	7.9	9.9	11.2		11.3	9.4		6.3	6.5	8.6	10.2
66.0m	6.0	6.1	8.0	9.3		9.5	9.1		4.6	4.8	6.8	8.1
70.0m	4.5	4.6	6.4	7.4		7.7	8.9		3.0	3.3	5.2	6.4
74.0m			5.0			6.3	7.9				3.7	4.7
78.0m			3.8			5.0	6.5				2.5	
82.0m			2.6			3.9	5.0					
86.0m						2.8						

HF工况额定起重能力表

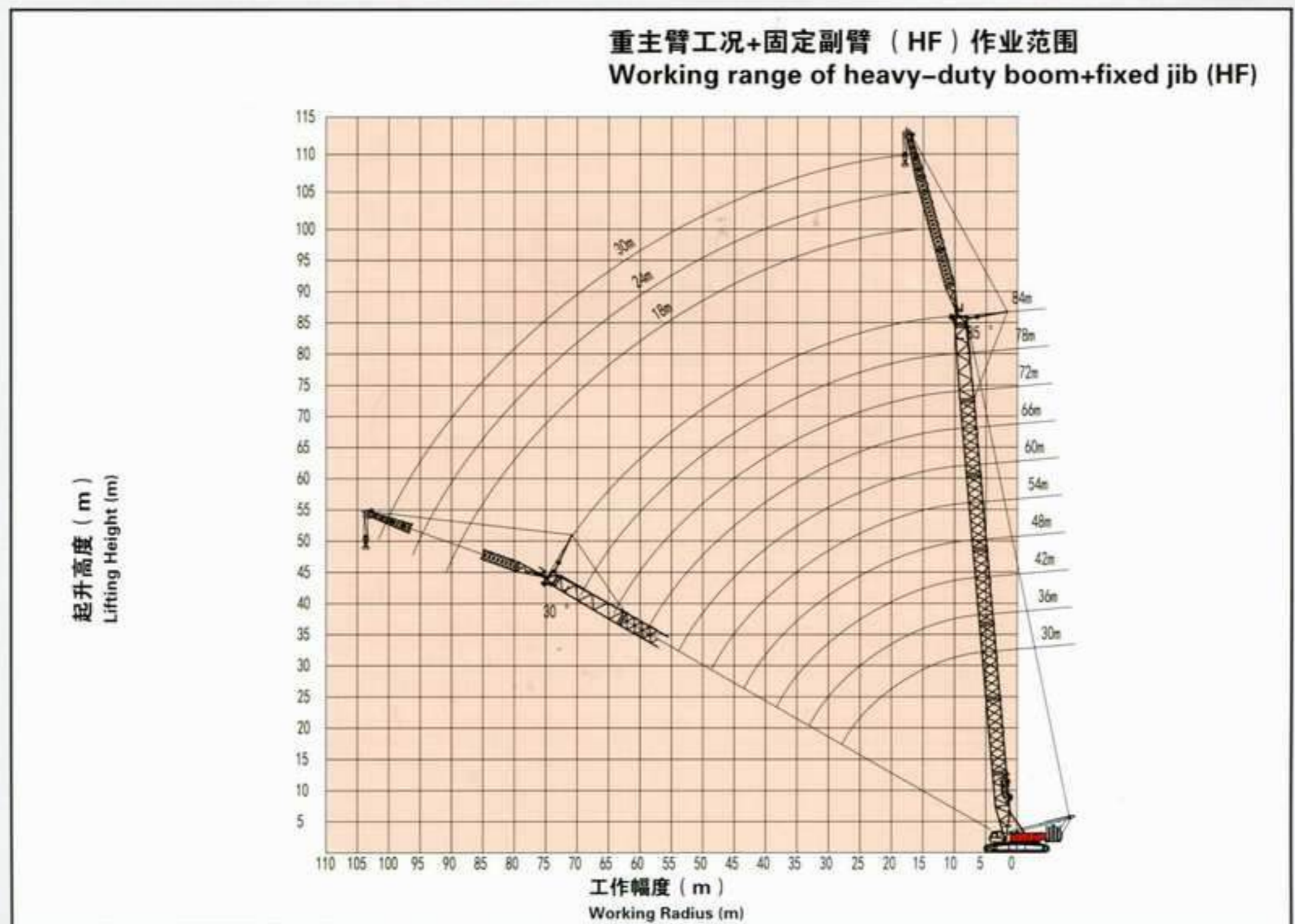
Rated Lifting Capacity Chart (HF)



主臂长度 B.L. 超起配置 SL.Cw.	78.0m						84.0m					
	18.0m		24.0m		30.0m		18.0m		24.0m		30.0m	
工作幅度 Ld.R.	10°		30°		10°		30°		10°		30°	
14.0m	70.1	65.7					60.4	56.8				
16.0m	68.7	65.2	42.9				59.4	56.0	40.1			
18.0m	64.7	62.9	42.0				58.0	54.6	39.8			
20.0m	58.1	59.1	41.1		26.0		55.6	52.5	39.6		24.6	
22.0m	51.9	52.9	40.2		26.0		49.9	49.4	39.4		24.2	
24.0m	47.3	48.0	39.3	23.7	25.7		45.0	45.2	37.7	23.8	23.8	
26.0m	42.9	43.6	38.4	23.0	25.6		40.8	41.5	35.6	23.2	23.4	
28.0m	39.0	39.7	37.5	22.5	25.8		37.0	37.7	33.8	22.7	23.0	
30.0m	35.6	36.3	36.6	21.9	26.0	14.6	33.6	34.3	31.9	22.1	22.6	
34.0m	29.7	30.2	30.7	20.8	26.1	13.7	27.9	28.4	29.0	21.1	22.1	13.8
38.0m	24.4	24.9	26.0	19.8	26.1	13.0	23.1	23.6	24.3	20.1	21.7	13.1
42.0m	19.6	20.0	22.0	18.9	22.9	12.3	18.4	18.9	20.4	19.3	21.3	12.4
46.0m	15.7	16.1	18.4	18.2	19.6	11.6	14.5	15.0	17.1	18.4	18.1	11.9
50.0m	12.5	12.8	15.1	17.5	16.7	11.2	11.3	11.6	14.0	16.6	15.3	11.3
54.0m	9.7	10.1	12.2	14.4	13.9	10.7	8.5	8.9	11.1	13.5	12.9	10.8
58.0m	7.4	7.7	9.9	11.8	11.4	10.2	6.2	6.5	8.7	10.8	10.3	10.3
62.0m	5.4	5.6	7.8	9.5	9.3	9.9	4.1	4.3	6.5	8.5	8.2	10.0
66.0m	3.7	3.8	5.9	7.5	7.5	9.5	2.3	2.6	4.7	6.5	6.4	9.0
70.0m		2.2	4.3	5.6	5.7	8.0			3.0	4.6	4.6	7.1
74.0m			2.8	4.1	4.3	6.3				2.9	3.2	5.3
78.0m				2.6	3.0	4.8						3.8
82.0m						3.3						2.4

HF工况作业范围

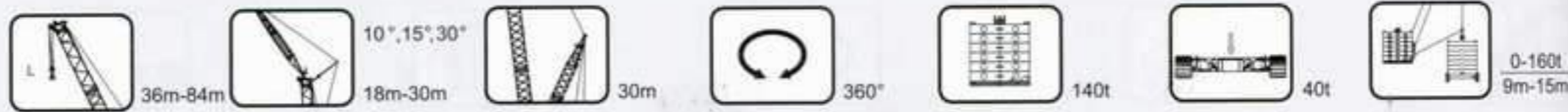
Working Range (HF)





HFSD工况额定起重能力表

Rated Lifting Capacity Chart (HFSD)



工作幅度 Ld R	36.0m						42.0m						48.0m							
	18.0m		24.0m		30.0m		18.0m		24.0m		30.0m		18.0m		24.0m		30.0m			
	10°	15°	10°	30°	10°	30°	10°	15°	10°	30°	10°	30°	10°	15°	10°	30°	10°	30°		
9.0m	104.5																			
10.0m	104.5	90.5					105.4							105.4						
11.0m	104.5	86.4					105.4	88.8						105.4	90.3					
12.0m	104.5	82.3	64.3				105.4	85.2						105.4	87.1					
13.0m	99.1	79.0	64.8				105.0	82.0	64.3					105.4	84.4	62.8				
14.0m	96.0	76.2	64.3				99.9	79.1	63.8					104.9	81.6	62.8				
16.0m	87.3	70.8	58.8		38.1		92.2	73.8	61.3			37.4		96.2	76.3	62.3		37.0		
18.0m	80.4	65.3	53.3		37.1		84.9	68.8	56.3			37.1		89.9	71.9	58.8		36.9		
20.0m	76.0	62.3	49.0	23.9	36.3		79.5	64.8	51.7	24.2	36.4			83.1	67.9	54.2		36.4		
22.0m	71.4	59.2	45.3	22.8	34.8		76.0	62.3	48.1	23.2	35.7			79.1	64.3	50.6	23.5	35.7		
24.0m	67.4	56.6	42.1	21.8	32.3		72.0	59.7	44.8	22.2	33.8			76.1	62.2	47.3	22.6	35.1		
26.0m	62.7	53.4	39.4	20.8	30.1		68.4	57.0	42.0	21.3	31.6			72.5	60.1	44.5	21.8	33.1		
28.0m	58.0	50.2	37.0	20.0	28.1	14.4	64.2	54.3	39.6	20.6	29.7	14.5		69.4	57.4	42.0	21.1	31.1	14.7	
30.0m	54.7	47.2	34.9	19.3	26.4	13.8	60.5	51.8	37.3	19.9	28.0	14.0		65.8	55.2	39.8	20.4	29.4	14.1	
34.0m	50.9	44.4	31.2	17.9	23.4	12.6	54.1	46.7	33.5	18.5	24.9	12.8		58.3	50.3	35.7	19.1	26.2	13.0	
38.0m	47.1	41.6	28.2	16.8	21.0	11.5	50.8	44.3	30.4	17.4	22.4	11.9		53.4	46.4	32.5	17.9	23.7	12.2	
42.0m	43.1	38.7	25.8	15.8	19.0	10.8	47.5	41.9	27.9	16.5	20.3	11.1		50.8	44.3	29.8	17.0	21.6	11.4	
46.0m			23.8	15.1	17.4	10.1	44.1	39.4	25.7	15.7	18.6	10.4		47.9	42.2	27.5	16.1	19.8	10.7	
50.0m			22.1	14.5	16.0	9.5	40.6	36.9	24.0	15.1	17.2	9.8		44.8	40.0	25.6	15.5	18.3	10.1	
54.0m			20.9		14.9	9.0			22.5	14.5	15.9	9.3		41.8	37.8	24.1	14.9	17.0	9.6	
58.0m					13.9	8.6			21.2		14.9	8.9			22.7	14.6	15.9	9.2		
62.0m					13.2	8.2					14.0	8.6			21.6		14.9	8.8		
66.0m					12.5						13.2	8.3			20.6		14.1	8.5		
70.0m											12.7						13.4	8.2		
74.0m																		12.9		
工作幅度 Ld R	54.0m						60.0m						66.0m							
	18.0m		24.0m		30.0m		18.0m		24.0m		30.0m		18.0m		24.0m		30.0m			
	10°	15°	10°	30°	10°	30°	10°	15°	10°	30°	10°	30°	10°	15°	10°	30°	10°	30°		
11.0m	106.2						106.2													
12.0m	106.2	88.6					106.2	87.1						93.5						
13.0m	106.2	86.4					106.2	87.1						93.5	87.8					
14.0m	106.2	83.6	61.8				106.2	85.1	60.3					93.5	86.1					
16.0m	99.7	78.3	61.8				102.7	80.3	60.3					93.5	81.3	57.3				
18.0m	93.5	73.9	60.3		36.4		96.5	75.9	60.3			35.8		93.5	77.4	57.3		34.6		
20.0m	87.6	70.4	56.7		36.0		91.2	72.4	57.7			35.6		93.5	73.9	56.7		34.6		
22.0m	81.7	66.9	52.6	23.8	35.6		86.2	69.4	55.1	24.0	35.2			88.8	70.9	55.6	24.2	34.4		
24.0m	78.7	63.8	49.7	22.9	35.2		81.3	65.8	51.4	23.1	35.0			84.3	67.9	53.5	23.5	34.2		
26.0m	76.2	62.2	46.7	22.2	34.4		78.8	63.7	48.9	22.5	34.6			80.3	65.3	51.0	22.7	34.1		
28.0m	73.1	60.0	44.2	21.4	32.5	14.8	75.7	62.1	46.4	21.8	33.7			77.8	63.7	48.3	22.0	33.7		
30.0m	70.0	57.9	42.0	20.8	30.7	14.3	73.1	60.5	44.0	21.1	31.9	14.4		75.7	62.1	46.0	21.5	33.0	14.5	
34.0m	63.6	53.5	37.8	19.5	27.4	13.2	67.3	56.2	39.7	19.9	28.7	13.5		70.5	58.3	41.7	20.2	29.9	13.6	
38.0m	56.6	49.1	34.5	18.5	24.9	12.4	61.4	52.3	36.3	18.9	26.1	12.6		65.1	54.5	38.1	19.2	27.1	12.7	
42.0m	53.3	46.1	31.6	17.5	22.7	11.6	55.4	48.2	33.4	18.0	23.9	11.8		59.7	51.2	35.2	18.3	25.0	12.0	
46.0m	50.8	44.3	29.4	16.7	20.9	10.9	53.1	46.0	31.0	17.1	22.0	11.2		54.7	47.3	32.6	17.5	23.0	11.4	
50.0m	48.2	42.4	27.4	16.0	19.3	10.4	50.8	44.4	28.9	16.5	20.4	10.6		52.9	45.8	30.6	16.8	21.4	10.8	
54.0m	45.5	40.5	25.6	15.4	18.0	9.9	48.5	42.6	27.1	15.8	19.0	10.1		50.9	44.4	28.7	16.3	19.9	10.3	
58.0m	42.8	38.6	24.2	14.9	16.8	9.4	46.0	40.9	25.7	15.4	17.8	9.6		47.9	42.8	27.0	15.7	18.7	9.8	
62.0m			23.0	14.6	15.8	9.0	43.7	39.2	24.3	14.9	16.7	9.3		43.8	41.3	25.6	15.3	17.6	9.5	
66.0m			21.9		15.0	8.8	37.5	23.1	14.6	15.8	9.0	40.2	39.8	24.4	14.9	16.6	9.2			
70.0m			21.0		14.2	8.5			22.1	15.0	8.7	37.1	37.2	23.3	14.7	15.8	8.9			
74.0m					13.5	8.3			21.3		14.3	8.4			22.4		15.0	8.6		
78.0m					12.9						13.6	8.2			21.5		14.3	8.5		
82.0m					12.5						13.1				20.9		13.8	8.3		
86.0m											12.7						13.2			
90.0m																	12.9			

HFSD工况额定起重能力表

Rated Lifting Capacity Chart (HFSD)



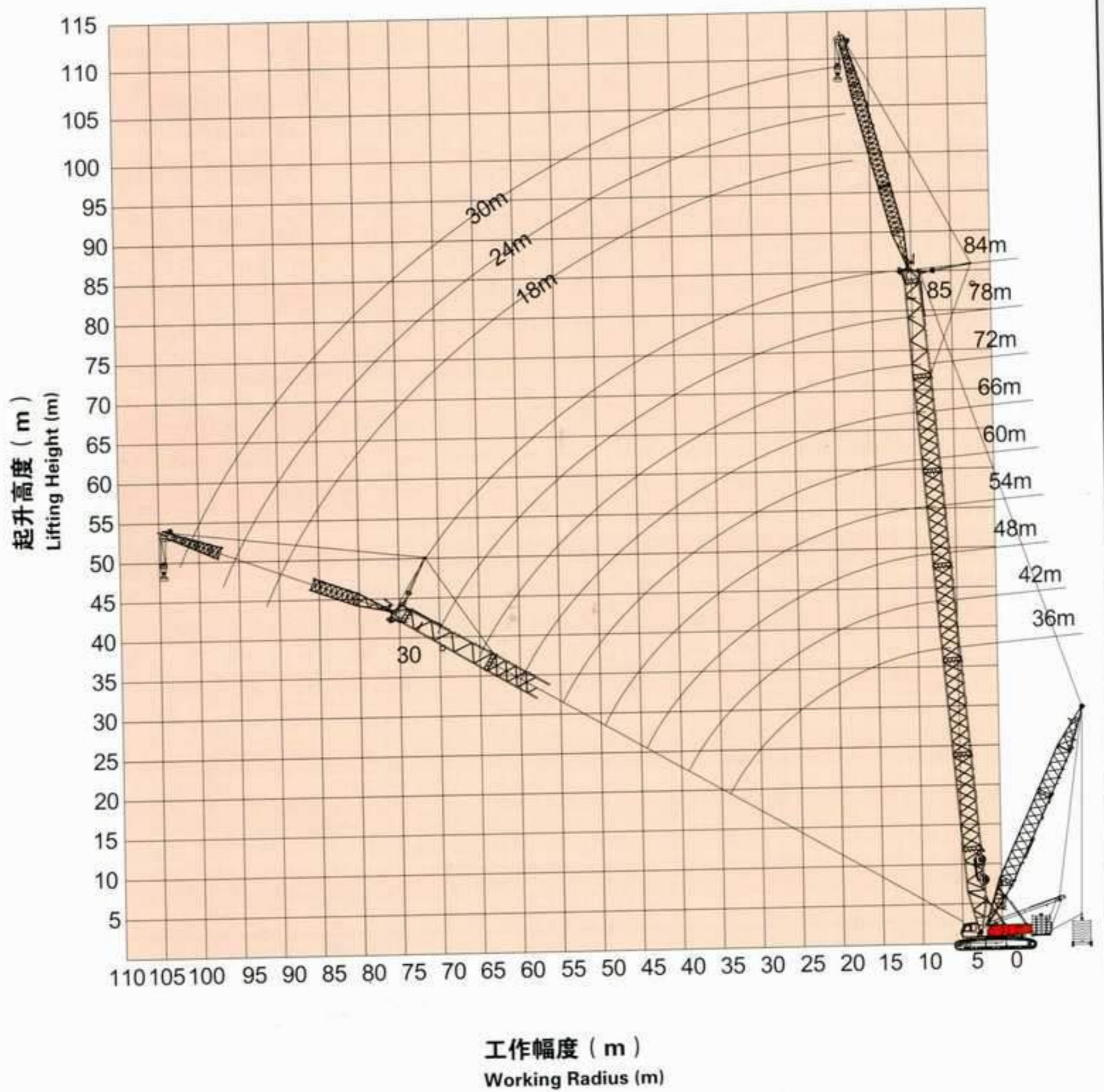
主臂长度 B.L	72.0m						78.0m						84.0m						
	18.0m		24.0m		30.0m		18.0m		24.0m		30.0m		18.0m		24.0m		30.0m		
	10°	15°	10°	30°	10°	30°	10°	15°	10°	30°	10°	30°	10°	15°	10°	30°	10°	30°	
12.0m	80.3																		
13.0m	80.3	81.0					81.0							67.2					
14.0m	80.3	81.0					81.0	81.6						67.2	65.0				
16.0m	80.3	81.0	55.3				81.0	81.6	52.4					67.2	65.0	49.9			
18.0m	80.3	78.9	55.3		33.6		81.0	80.4	52.8					66.2	65.0	49.9			
20.0m	80.3	75.5	55.2		33.6		81.0	77.5	52.7		32.5			65.2	64.0	49.9		30.3	
22.0m	80.3	72.5	55.1		33.6		81.0	74.5	53.1		32.5			64.2	63.0	48.9		30.3	
24.0m	80.3	69.9	55.0	23.6	33.6		81.0	72.0	53.5	23.8	32.4			63.2	62.0	47.9	23.9	30.3	
26.0m	80.3	67.4	52.9	22.9	33.5		81.0	69.4	52.9	23.1	32.4			62.2	61.0	47.0	23.3	30.3	
28.0m	79.9	64.7	50.2	22.3	33.4		81.0	67.4	51.6	22.6	32.5			61.2	60.0	46.0	22.8	30.3	
30.0m	77.8	63.1	47.9	21.8	32.9	14.6	80.0	65.2	49.7	22.0	32.4	14.6		60.2	59.0	45.1	22.2	30.3	
34.0m	73.1	59.9	43.5	20.6	30.9	13.7	75.8	62.0	45.3	20.9	31.4	13.8		59.1	58.0	44.1	21.2	30.1	13.9
38.0m	68.3	56.6	39.8	19.6	28.2	12.9	71.5	59.3	41.5	19.9	29.3	13.0		58.1	55.9	43.1	20.2	29.7	13.1
42.0m	63.5	53.7	36.8	18.7	25.9	12.2	66.7	55.9	38.4	19.0	26.9	12.4		57.1	53.7	39.9	19.4	27.9	12.5
46.0m	58.5	50.3	34.2	17.9	23.9	11.6	62.3	53.1	35.7	18.3	24.9	11.7		56.1	51.6	37.3	18.5	25.8	11.9
50.0m	54.6	47.1	32.0	17.2	22.3	11.0	56.2	50.0	33.5	17.6	23.2	11.2		55.1	49.4	34.9	17.9	24.1	11.3
54.0m	51.6	45.8	30.1	16.6	20.9	10.5	50.9	47.4	31.4	16.9	21.8	10.8		49.8	47.3	32.9	17.3	22.5	10.9
58.0m	46.8	44.5	28.4	16.0	19.6	10.1	46.0	46.0	29.8	16.4	20.4	10.3		44.9	45.2	31.0	16.7	21.2	10.4
62.0m	42.7	42.8	27.0	15.6	18.4	9.7	41.9	42.0	28.2	15.9	19.3	9.9		40.8	41.0	29.4	16.3	20.1	10.0
66.0m	39.1	39.2	25.6	15.3	17.4	9.4	38.3	38.4	26.8	15.6	18.2	9.5		37.1	37.3	28.1	15.8	19.0	9.8
70.0m	35.9	36.0	24.5	14.9	16.5	9.0	35.0	35.1	25.7	15.3	17.3	9.3		33.9	34.0	26.8	15.5	18.1	9.4
74.0m	33.1	33.2	23.6	14.7	15.8	8.8	32.2	32.3	24.6	14.9	16.5	9.0		30.8	31.1	25.7	15.1	17.2	9.1
78.0m			22.6		15.0	8.6	29.6	29.7	23.7	14.7	15.7	8.7		28.2	28.3	24.7	14.9	16.4	8.9
82.0m			21.9		14.4	8.4			22.8		15.1	8.5		25.7	25.8	23.8	14.8	15.7	8.7
86.0m			21.2		13.9	8.2			22.1		14.5	8.4		23.6	23.7	23.0		15.1	8.5
90.0m					13.4				21.5		14.0	8.3				22.3		14.6	8.4
94.0m					12.9						13.5					21.5		14.1	8.2
98.0m					12.7						13.1							13.6	
102.0m											12.8							13.2	
106.0m																		13.0	



HFSD工况作业范围

Working Range (HFSD)

重主臂工况+固定副臂+超起桅杆+
超起配重 (HFSD) 作业范围
Working range of heavy-duty boom
+fixed jib+SM mast+SL counterweight (HFSD)



HT工况额定起重能力表

Rated Lifting Capacity Chart (HT)



30m-72m



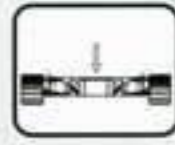
85°, 75°, 65°
24m-72m



360°



140t



40t

主臂长度 B.L		30.0m														
副臂长度 J.L		24.0m			30.0m			36.0m			42.0m			48.0m		
工作幅度 Ld.R	主臂角度 B.Ang	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
		13.0m	132.0													
14.0m	125.6															
15.0m	115.7				112.2											
16.0m	107.2				104.0											
18.0m	93.5				90.7			88.2								
20.0m	82.9				80.4			78.1			74.8			72.5		
22.0m	74.4	68.6			72.1			70.0			67.0			65.0		
24.0m	66.8	62.1			65.3			63.3			60.6			58.8		
26.0m	60.5	56.5			59.7	54.9		57.9			55.4			53.6		
28.0m	55.2	51.5			54.7	50.4		53.2	48.7		50.9			49.2		
30.0m		47.3			50.2	46.7		49.3	45.0		47.1			45.5		
34.0m				37.8	42.9	40.0	37.1	42.5	39.1		40.9	37.2		39.4	35.7	
38.0m				32.9		34.8	32.3	36.9	34.2	31.5	36.2	32.8		34.8	31.4	
42.0m							28.4		30.1	27.8	32.2	29.3	26.5	31.1	27.9	
46.0m										24.7		26.4	23.8	28.1	25.1	22.5
50.0m										22.1		23.6	21.7	25.2	22.9	20.4
54.0m													19.5		20.8	18.6
58.0m																17.1
主臂长度 B.L		30.0m														
副臂长度 J.L		54.0m			60.0m			66.0m			72.0m					
工作幅度 Ld.R	主臂角度 B.Ang	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°			
		22.0m	63.1													
24.0m	57.1				54.1											
26.0m	52.1				49.3			47.8								
28.0m	47.8				45.2			43.9			42.3					
30.0m	44.2				41.7			40.4			39.0					
34.0m	38.2				36.1			34.9			33.6					
38.0m	33.6	30.2			31.6			30.5			29.3					
42.0m	29.9	26.8			28.1	25.0		27.1	24.0		25.9					
46.0m	27.0	24.1			25.2	22.3		24.2	21.4		23.1	20.2				
50.0m	24.5	21.8	19.4		22.8	20.1		21.9	19.2		20.8	18.1				
54.0m	22.4	19.9	17.6		20.9	18.3	16.0	19.9	17.4		18.8	16.3				
58.0m		18.4	16.1		19.3	16.8	14.6	18.2	15.8	13.7	17.1	14.7				
62.0m		16.7	14.9		17.9	15.5	13.3	16.8	14.5	12.5	15.7	13.4	11.4			
66.0m			13.8		14.4	12.3	10.1	15.7	13.4	11.4	14.5	12.3	10.3			
70.0m						11.5	9.3		12.5	10.5	13.5	11.3	9.4			
74.0m									11.8	9.8	12.7	10.5	8.6			
78.0m											9.2	9.9	8.0			
79.0m											9.1	9.7	7.8			
80.0m													7.7			
81.0m													7.6			
82.0m													7.5			
83.0m													7.4			
84.0m													7.3			



HT工况额定起重能力表

Rated Lifting Capacity Chart (HT)



30m-72m



85°, 75°, 65°
24m-72m



360°



140t



40t

FUWA HEAVY INDUSTRY CO.,LTD.

主臂长度 B. L		36.0m															
副臂长度 J. L		24.0m			30.0m			36.0m			42.0m			48.0m			
工作幅度 Ld. R.	主臂角度 B. Ang.	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	
	14.0m		121.6														
15.0m		112.1															
16.0m		104.0			101.0												
18.0m		90.9			88.2			85.7									
20.0m		80.7			78.2			75.9			72.5						
22.0m		72.4			70.1			68.1			65.0			63.0			
24.0m		65.8	59.3		63.6			61.7			58.9			57.1			
26.0m		60.1	54.2		58.2			56.4			53.8			52.1			
28.0m		54.8	49.9		53.7	48.1		51.9			49.5			47.9			
30.0m			46.2		49.8	44.5		48.0	42.9		45.8			44.2			
34.0m			39.6	36.2	42.7	38.8		41.9	37.3		39.8	35.3		38.4			
38.0m				31.5		33.9	30.6	36.7	32.9		35.3	31.1		33.8	29.7		
42.0m							27.1		29.3	26.0	31.7	27.8		30.2	26.4		
46.0m							24.1		26.1	23.5	28.4	25.1	21.9	27.3	23.8		
50.0m										21.0		23.0	19.9	25.0	21.6	18.6	
54.0m													18.3		19.8	17.0	
58.0m														16.8		18.2	15.6
62.0m																	14.5
主臂长度 B. L		36.0m															
副臂长度 J. L		54.0m			60.0m			66.0m			72.0m						
工作幅度 Ld. R.	主臂角度 B. Ang.	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°				
	24.0m	55.4			52.4												
26.0m	50.6				47.7			46.3									
28.0m	46.5				43.8			42.5			40.9						
30.0m	42.9				40.4			39.2			37.7						
34.0m	37.2				35.0			33.8			32.5						
38.0m	32.7	28.6			30.6			29.6			28.3						
42.0m	29.1	25.4			27.2	23.5		26.2			25.0						
46.0m	26.2	22.7			24.4	21.0		23.5	20.0		22.3	18.8					
50.0m	23.8	20.6			22.1	18.9		21.2	17.9		20.1	16.8					
54.0m	21.9	18.7	16.0		20.2	17.1		19.3	16.2		18.1	15.1					
58.0m		17.2	14.6		18.6	15.6	13.0	17.6	14.7		16.5	13.6					
62.0m		16.0	13.4		17.4	14.4	11.9	16.3	13.5	11.0	15.1	12.4	9.9				
66.0m			12.4			13.4	10.9	15.1	12.4	10.0	14.0	11.3	8.9				
70.0m				11.7			10.1		11.5	9.2	13.0	10.4	8.1				
74.0m							9.5		10.8	8.5	12.2	9.6	7.4				
78.0m										7.9		9.0	6.7				
82.0m													6.2				
86.0m														5.9			
87.0m															5.8		

HT工况额定起重能力表

Rated Lifting Capacity Chart (HT)



30m-72m



85°, 75°, 65°

24m-72m



360°



140t



40t

主臂长度 B.L		42.0m														
副臂长度 J.L		24.0m			30.0m			36.0m			42.0m			48.0m		
工作幅度 Ld. R.	主臂角度 B Ang	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
		14.0m	110.8													
15.0m	102.4															
16.0m	95.2				91.8											
18.0m	83.5				80.5			77.6								
20.0m	74.2				71.4			68.8			64.5					
22.0m	66.8				64.2			61.8			58.0			55.7		
24.0m	60.9				58.4			56.2			52.6			50.5		
26.0m	56.0	48.6			53.6			51.4			48.1			46.2		
28.0m	52.1	44.9			49.5	42.9		47.4			44.4			42.5		
30.0m		41.7			46.1	39.8		44.0			41.2			39.4		
34.0m		36.8			40.8	34.8		38.6	33.1		36.0	30.5		34.3		
38.0m			28.2			31.0		34.5	29.2		32.0	27.0		30.3	25.5	
42.0m			25.6			28.3	23.8		26.3		28.9	24.2		27.2	22.7	
46.0m							21.7		24.1	20.1	26.7	21.9		24.8	20.5	
50.0m										18.4		20.2	16.5	22.9	18.6	15.1
54.0m										17.1		19.0	15.1		17.2	13.7
58.0m													14.1		16.1	12.6
62.0m																11.8
66.0m																11.2
主臂长度 B.L		42.0m														
副臂长度 J.L		54.0m			60.0m			66.0m			72.0m					
工作幅度 Ld. R.	主臂角度 B Ang	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°			
		24.0m	48.6													
26.0m	44.4				40.8											
28.0m	40.9				37.5			36.0			34.2					
30.0m	37.8				34.7			33.2			31.6					
34.0m	32.9				30.0			28.7			27.2					
38.0m	29.0				26.4			25.2			23.8					
42.0m	25.9	21.5			23.5	19.1		22.4			21.0					
46.0m	23.4	19.3			21.2	17.0		20.1	15.9		18.8					
50.0m	21.4	17.5			19.3	15.3		18.1	14.2		16.9	13.0				
54.0m	19.8	15.9	12.7		17.7	13.9		16.5	12.9		15.3	11.6				
58.0m	18.7	14.7	11.5		16.4	12.7	9.6	15.2	11.7		13.9	10.5				
62.0m		13.7	10.6		15.4	11.8	8.7	14.1	10.7	7.7	12.8	9.5				
66.0m			9.8		11.0	8.0	13.3	9.9	7.0	11.9	8.6	5.8				
70.0m			9.3		10.5	7.4		9.2	6.4	11.1	7.9	5.2				
74.0m						7.0		8.7	5.9	10.6	7.4	4.6				
78.0m						6.8			5.5		6.9	4.2				
82.0m									5.2		6.6	3.9				
86.0m												3.7				



HT工况额定起重能力表

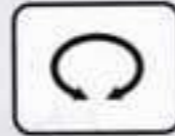
Rated Lifting Capacity Chart (HT)



30m-72m



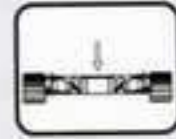
85°,75°,65°
24m-72m



360°



140t



40t

主臂长度 B. L		48.0m														
副臂长度 J. L		24.0m			30.0m			36.0m			42.0m			48.0m		
工作幅度 Ld. R.	主臂角度 B. Ang.	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
	15.0m		97.1													
16.0m		90.4														
18.0m		79.4			76.2			73.3								
20.0m		70.6			67.8			65.2			60.7					
22.0m		63.6			61.0			58.6			54.6			52.3		
24.0m		58.0			55.5			53.3			49.6			47.4		
26.0m		53.4			51.0			48.8			45.4			43.4		
28.0m		49.7	41.5		47.1			45.1			41.9			40.0		
30.0m			38.6		43.9	36.7		41.9			38.9			37.1		
34.0m			34.0		38.9	32.1		36.7	30.3		34.0			32.3		
38.0m			30.8	25.1		28.5		32.9	26.8		30.3	24.5		28.6	22.9	
42.0m				22.6		25.9	21.0		24.1		27.4	21.9		25.7	20.4	
46.0m				21.0			19.0		22.0	17.5	25.3	19.9		23.4	18.4	
50.0m							17.6			16.0		18.2	14.0	21.6	16.7	
54.0m										14.7		17.0	12.9		15.3	11.5
58.0m													11.9		14.3	10.5
62.0m														11.3		9.7
66.0m																9.1
主臂长度 B. L		48.0m														
副臂长度 J. L		54.0m			60.0m			66.0m			72.0m					
工作幅度 Ld. R.	主臂角度 B. Ang.	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°			
	24.0m		45.5													
26.0m			41.6		37.9											
28.0m			38.3		34.9			33.3								
30.0m			35.5		32.3			30.7			29.0					
34.0m			30.9		27.9			26.6			25.1					
38.0m			27.2		24.6			23.3			21.9					
42.0m			24.4	19.2	21.9			20.7			19.3					
46.0m			22.1	17.2	19.7	14.8		18.6	13.7		17.2					
50.0m			20.2	15.5	17.9	13.3		16.8	12.2		15.4	10.9				
54.0m			18.7	14.1	16.4	12.1		15.3	11.0		14.0	9.7				
58.0m			17.6	13.0	9.4	15.2	11.0		14.0	9.9	12.8	8.7				
62.0m				12.2	8.6	14.4	10.1	6.6	13.1	9.1	11.7	7.8				
66.0m				11.5	7.9		9.4	6.0	12.3	8.3	5.0	10.9	7.1			
70.0m					7.4		9.0	5.5	11.8	7.7	4.5	10.2	6.5	3.3		
74.0m						7.1		5.1		7.3	4.1	9.7	6.0	2.9		
78.0m							4.9			7.1	3.7		5.6	2.5		
82.0m											3.5		5.3	2.3		
86.0m												3.5		2.1		
90.0m														2.0		

HT工况额定起重能力表

Rated Lifting Capacity Chart (HT)



30m-72m

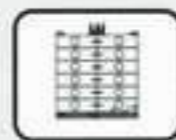


85°, 75°, 65°

24m-72m



360°



140t



40t

主臂长度 B.L		54.0m														
副臂长度 J.L		24.0m			30.0m			36.0m			42.0m			48.0m		
工作幅度 Ld.R.	主臂角度 B.Ang	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
	15.0m		89.1													
16.0m		83.0														
18.0m		72.8			69.6											
20.0m		65.0			62.0		59.3									
22.0m		58.7			56.0		53.5			48.9				46.5		
24.0m		53.7			51.0		48.7			44.5				42.2		
26.0m		49.5			46.9		44.7			40.8				38.7		
28.0m		46.1			43.5		41.3			37.7				35.8		
30.0m		43.5	34.4		40.6		38.5			35.1				33.2		
34.0m			30.2		36.1	28.3	33.9	26.5		30.8				28.9		
38.0m			27.3			25.3	30.4	23.5		27.5	20.9			25.7		
42.0m				19.1		23.0		21.2		25.0	18.7			23.2	17.1	
46.0m				17.6			15.8	19.3		23.1	17.0			21.2	15.4	
50.0m							14.5	18.0	13.0		15.6			19.6	14.0	
54.0m							13.7			12.0	14.5	9.9		12.9		
58.0m									11.2				9.1	12.0	7.7	
62.0m													8.6	11.5	7.1	
66.0m													8.4			6.6
70.0m																6.4
主臂长度 B.L		54.0m														
副臂长度 J.L		54.0m			60.0m			66.0m			72.0m					
工作幅度 Ld.R.	主臂角度 B.Ang	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°			
	24.0m	40.2														
26.0m	36.9				32.8											
28.0m	34.1				30.0		28.4									
30.0m	31.6				27.8		26.2			24.5						
34.0m	27.4				24.2		22.7			21.1						
38.0m	24.3				21.3		20.0			18.4						
42.0m	21.8	15.8			19.0		17.7			16.2						
46.0m	19.7	14.1			17.1	11.5	15.8			14.4						
50.0m	18.1	12.8			15.5	10.3	14.3	9.1		13.0	7.7					
54.0m	16.8	11.6			14.3	9.3	13.1	8.1		11.7	6.8					
58.0m	15.9	10.7			13.3	8.4	12.1	7.3		10.7	6.0					
62.0m		10.0	5.9		12.7	7.8	11.2	6.6		9.8	5.3					
66.0m		9.5	5.4		7.2	3.3	10.6	6.1		9.1	4.7					
70.0m			5.0		6.9	3.0	10.3	5.6		8.6	4.3					
74.0m			4.8		6.8	2.8		5.3		8.2	3.9					
78.0m								5.1			3.7					
82.0m											3.5					
86.0m											3.6					



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HT工况额定起重能力表

Rated Lifting Capacity Chart (HT)



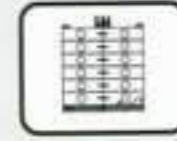
30m-72m



85°,75°,65°
24m-72m



360°



140t



40t

FUWA HEAVY INDUSTRY CO.,LTD.

主臂长度 B.L	60.0m														
	24.0m			30.0m			36.0m			42.0m			48.0m		
副臂长度 J.L 主臂角度 B.Ang 工作幅度 Ld.R	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
16.0m	79.2														
18.0m	69.5			66.4											
20.0m	62.1			59.2			56.6								
22.0m	56.2			53.5			51.0			46.4					
24.0m	51.3			48.8			46.5			42.2			40.0		
26.0m	47.4			44.9			42.7			38.8			36.8		
28.0m	44.2			41.6			39.5			35.9			34.0		
30.0m	41.6	31.6		38.9			36.8			33.4			31.5		
34.0m		27.8		34.6	25.9		32.4			29.2			27.5		
38.0m		25.0			23.1		29.1	21.5		26.1	18.8		24.4		
42.0m					20.9		26.8	19.3		23.7	16.7		22.0	15.1	
46.0m			15.0		19.4			17.5		22.0	15.1		20.1	13.6	
50.0m			14.0			12.2		16.2			13.8		18.6	12.3	
54.0m						11.4			9.8		12.9	7.7	17.7	11.3	
58.0m									9.1		12.3	7.1		10.5	5.7
62.0m									8.7			6.6		9.9	5.1
66.0m												6.3			4.7
70.0m															4.5
74.0m															4.5

主臂长度 B.L	60.0m											
	54.0m			60.0m			66.0m			72.0m		
副臂长度 J.L 主臂角度 B.Ang 工作幅度 Ld.R	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
26.0m	35.0			30.7								
28.0m	32.3			28.2			26.6					
30.0m	29.8			26.1			24.6			22.9		
34.0m	26.0			22.7			21.3			19.7		
38.0m	23.0			20.0			18.6			17.1		
42.0m	20.6			17.8			16.5			15.0		
46.0m	18.7	12.4		16.0	9.7		14.7			13.4		
50.0m	17.1	11.1		14.5	8.6		13.3	7.4		12.0		
54.0m	15.9	10.1		13.4	7.7		12.2	6.6		10.8	5.2	
58.0m	15.0	9.2		12.5	6.9		11.2	5.8		9.8	4.5	
62.0m		8.6		11.8	6.3		10.4	5.2		9.0	3.9	
66.0m		8.1			5.8		9.8	4.7		8.3	3.4	
70.0m		7.9			5.5		9.5	4.3		7.8	3.1	
74.0m					5.4			4.0		7.5	2.7	
78.0m								3.9				

HT工况额定起重能力表

Rated Lifting Capacity Chart (HT)



30m-72m



85°, 75°, 65°
24m-72m



360°



140t



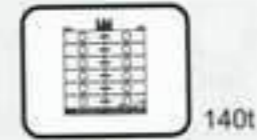
40t

主臂长度 B-L		66.0m														
副臂长度 J-L		24.0m			30.0m			36.0m			42.0m			48.0m		
工作幅度 Ld. R.	主臂角度 B Ang	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
	16.0m		69.7													
18.0m		61.5			58.3											
20.0m		55.2			52.2			49.5								
22.0m		50.1			47.3			44.8			39.6					
24.0m		46.0			43.3			40.9			36.3			34.0		
26.0m		42.6			40.0			37.7			33.5			31.3		
28.0m		39.8			37.2			35.1			30.9			28.8		
30.0m		37.6			34.9			32.7			28.8			26.9		
34.0m			23.6		31.1	21.8		28.9			25.4			23.6		
38.0m			21.3			19.4		26.1	17.7		22.8			21.0		
42.0m			19.7			17.6		24.2	15.9		20.8	13.1		19.0		
46.0m				11.5		16.3			14.4		19.4	11.8		17.4	10.2	
50.0m				10.7			9.0		13.4			10.8		16.2	9.2	
54.0m							8.3		12.8	6.8		10.1		15.5	8.4	
58.0m							7.9			6.3		9.6	4.0		7.8	
62.0m										5.9			3.7		7.5	
66.0m													3.5		7.4	
主臂长度 B-L		66.0m														
副臂长度 J-L		54.0m			60.0m			66.0m			72.0m					
工作幅度 Ld. R.	主臂角度 B Ang	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°			
	26.0m		29.3													
28.0m			27.1			22.8										
30.0m			25.2			21.1			19.5							
34.0m			22.0			18.3			16.8			15.0				
38.0m			19.5			16.1			14.6			13.1				
42.0m			17.5			14.3			13.0			11.5				
46.0m			15.9	8.9		12.9			11.6			10.1				
50.0m			14.6	8.0		11.8	5.1		10.4			9.0				
54.0m			13.6	7.2		10.8	4.5		9.5	3.3		8.1				
58.0m			13.0	6.6		10.1	4.0		8.8	2.9		7.3				
62.0m				6.1		9.7	3.6		8.2	2.5		6.7				
66.0m				5.7		9.6	3.3		7.8			6.3				
70.0m				5.6			3.2		7.6			5.9				
74.0m							3.1					5.7				



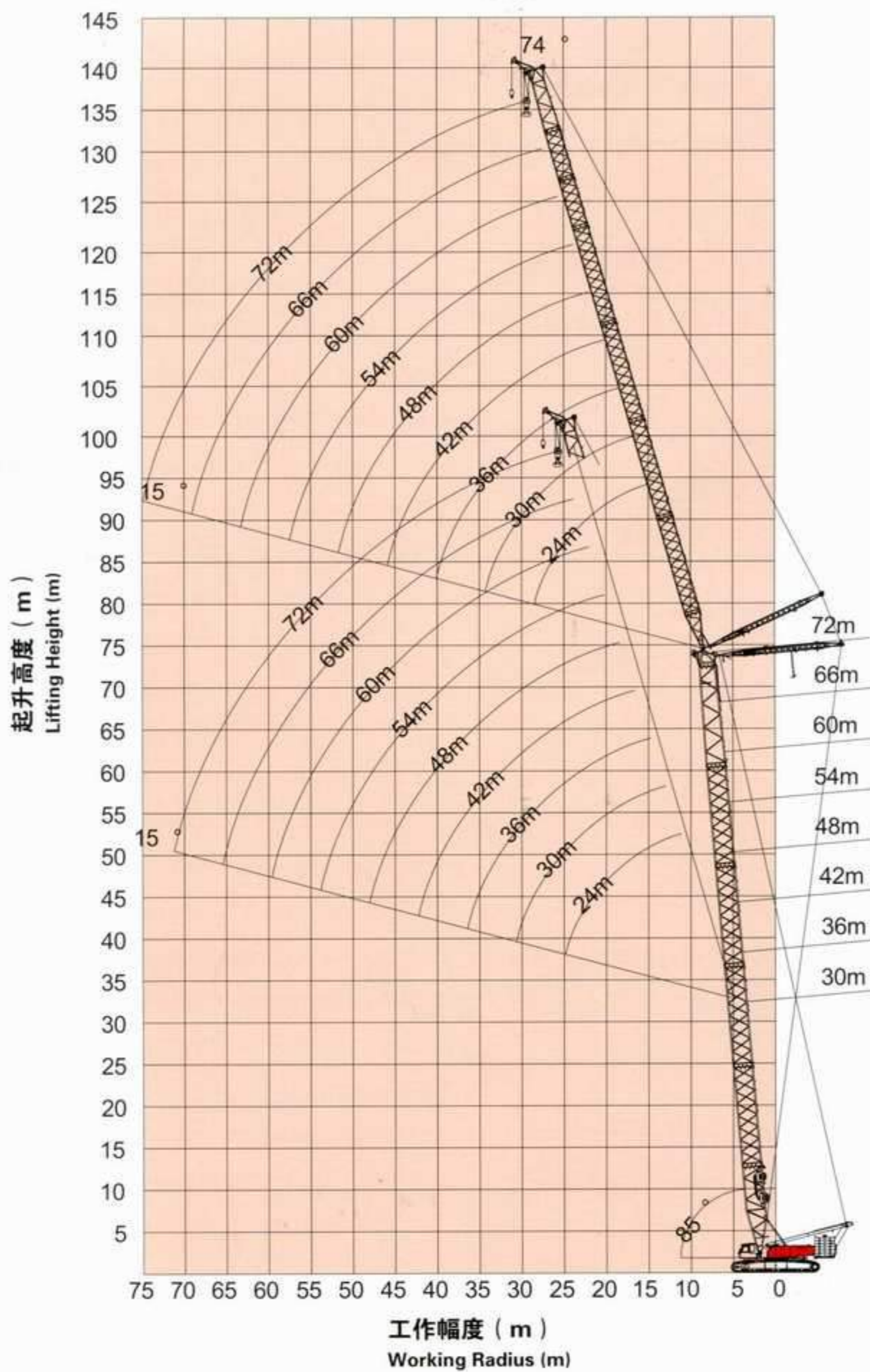
HT工况额定起重能力表

Rated Lifting Capacity Chart (HT)



主臂长度 B.L		72.0m														
副臂长度 J.L		24.0m			30.0m			36.0m			42.0m			48.0m		
工作幅度 Ld.R.	主臂角度 B.Ang	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
	18.0m		60.2													
20.0m		54.0			51.3											
22.0m		49.0			46.5			44.0			39.1					
24.0m		45.0			42.5			40.2			35.8			33.6		
26.0m		41.6			39.2			37.1			33.0			30.8		
28.0m		38.9			36.5			34.5			30.4			28.5		
30.0m		36.6			34.2			32.2			28.3			26.5		
34.0m			22.0		30.4			28.3			25.0			23.2		
38.0m			19.7			18.0		25.5			22.4			20.7		
42.0m			18.0			16.2		23.5	14.5		20.4	11.9		18.6		
46.0m						14.8			13.2		18.9	10.6		17.0	9.1	
50.0m				8.7		14.1			12.2			9.7		15.8	8.2	
54.0m				8.1			6.5		11.4			8.9		14.9	7.4	
58.0m							6.1			4.6		8.4			6.8	
62.0m							6.0								6.4	
66.0m															6.2	
主臂长度 B.L		72.0m														
副臂长度 J.L		54.0m			60.0m			66.0m			72.0m					
工作幅度 Ld.R.	主臂角度 B.Ang	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°			
	26.0m		29.0													
28.0m			26.8		22.7											
30.0m			24.9		21.0			19.4								
34.0m			21.8		18.2			16.7			15.0					
38.0m			19.3		15.9			14.5			13.1					
42.0m			17.3		14.1			12.9			11.4					
46.0m			15.6		12.7			11.5			10.0					
50.0m		14.3	7.0		11.6	4.2		10.3			8.9					
54.0m		13.3	6.2		10.6	3.6		9.4	2.6		8.0					
58.0m		12.6	5.6		9.9	3.2		8.6			7.2					
62.0m			5.1		9.3	2.8		8.0			6.6					
66.0m			4.8		9.1	2.5		7.5			6.1					
70.0m			4.6					7.3			5.7					
74.0m											5.5					
78.0m											5.5					

塔式工况 (HT) 作业范围
Working range of luffing jib (HT)





额定起重能力表说明

Note for Rated Lifting Capacity Chart

说明

(1) 本起重机符合GB3811标准, 同时又满足ISO 4302、ISO 4305标准。

(2) 额定起重能力表所表示的额定总载荷值为水平坚硬地面上, 理想作业条件的最大允许值。

(3) 额定起重能力表所示的值以吨为单位并基于平衡负载而计算, 不包括如突然停止的冲击负载, 地表状况, 风力负荷及操作速度等影响。如在此条件下, 驾驶员必须进行减载作业。

(4) 表中的额定起重能力值包括吊钩、钢丝绳和其它吊具的重量, 额定起重能力值减去上述项目重量之和得出的才是起吊重量。

(5) 吊钩自重: 320吨钩……7.60吨,
160吨钩……4.60吨,
100吨钩……3.60吨,
70吨钩……3.00吨,
15吨钩……0.80吨。

(6) 一个320吨吊钩可拆成200吨吊钩。

(7) 转台配重的质量为140吨, 超起配重质量为200吨。

(8) 侧面时的稳定值最小。

※ 额定起重能力表所表示的值, 有些不是最终结果, 随着机器不断改进额定起重能力表的值也随着有所变化。敬请谅解。

Notes

1.This model conforms to GB3811 as well as ISO4302 and ISO4305.

2.The rated lifting capacities are the maximums allowable for the crane standing on solid and level ground under ideal work condition

3.The values in the load charts are in tonne and based on equilibrium load, excluding such factors as shock of sudden stop, poor ground condition, wind load and operation speed, under which condition, the applied load must be reduced for safety concern.

4.The rated lifting capacities include the weight of hook, wire rope and other slings, which shall be deducted from the listed value to obtain the net load to be lifted.

5.Hook block weight: 320t hook block……7.60t
160t hook block……1.60t
100t hook block……3.60t
70t hook block……3.00t
15t hook……0.80t

6.A 320t hook block can be dismantled to 200t hook block.

7.The counterweights mounted on basic machine weigh 140t, SL counterweight 200t.

8.Stability is minimum over sides.

※ It should be understood that the listed rated lifting capacities are not finally decided results, which may vary with mechanical improvement.

Abbreviations:

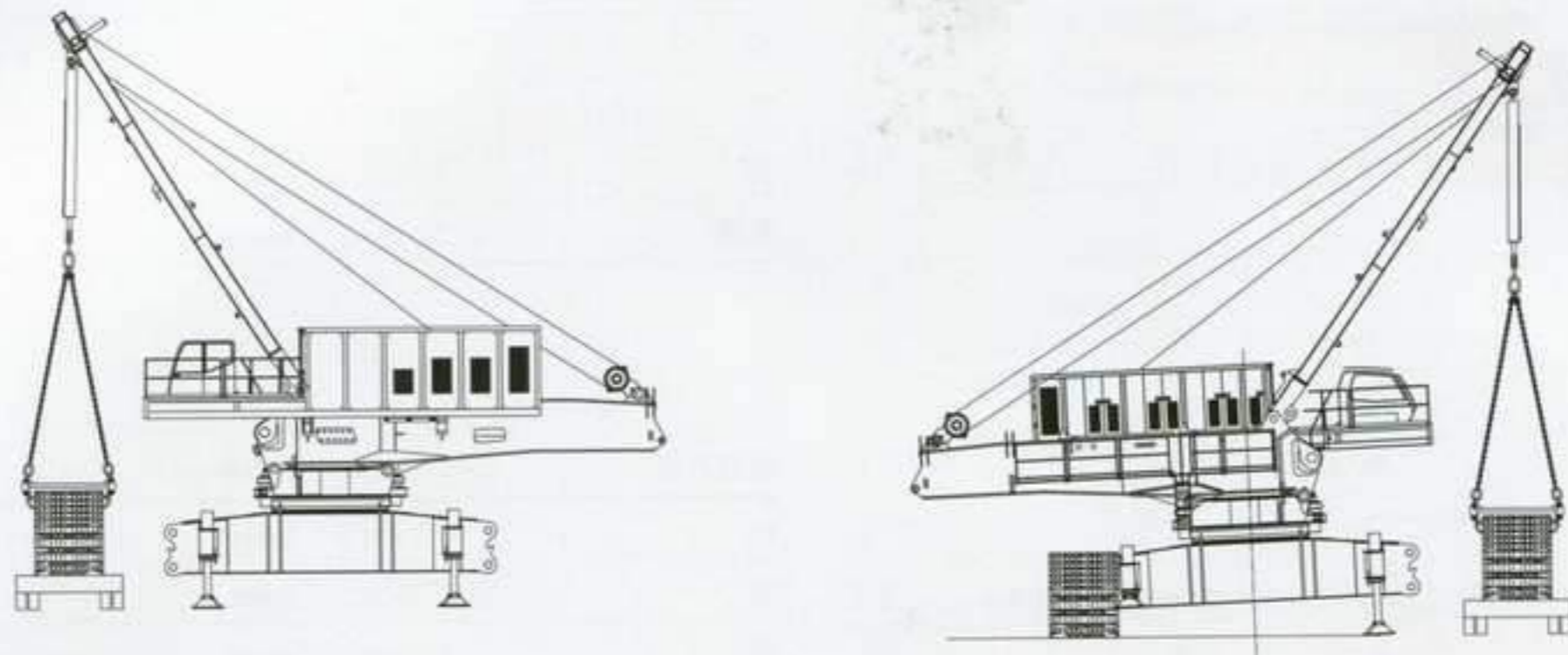
Ang=Angle, B=Boom, J=Jib (fixed or luffing),
L=Length, Ld R=Load Radius, Offs=Offset (angle),
Cw=Counterweight



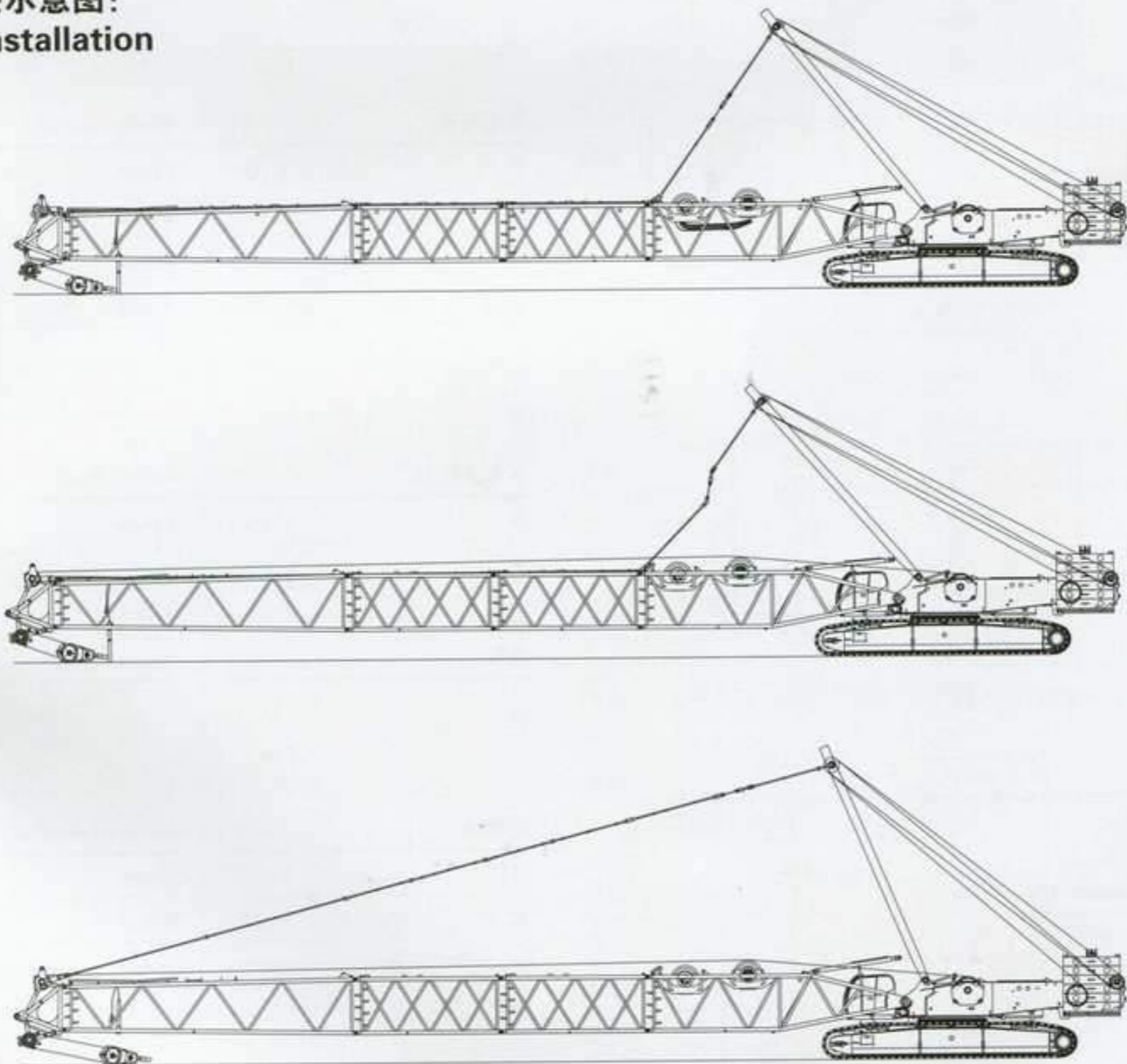
安装示意图

Installation Diagram

履带架自装卸示意图：
Self-installation of crawlers



主臂安装示意图：
Boom installation



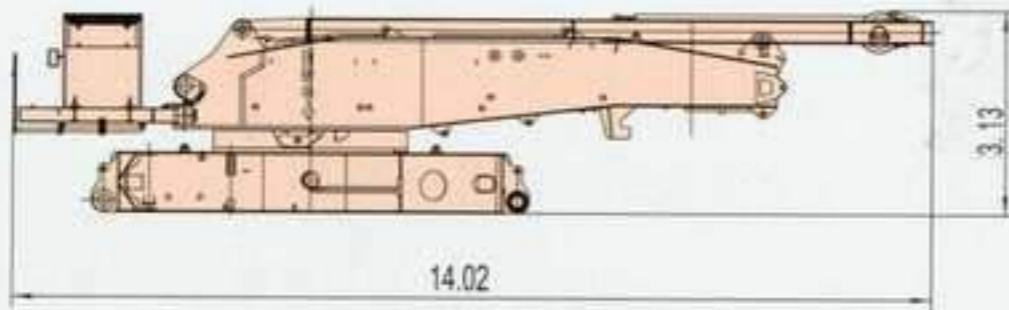


NO.

主要零部件运输尺寸

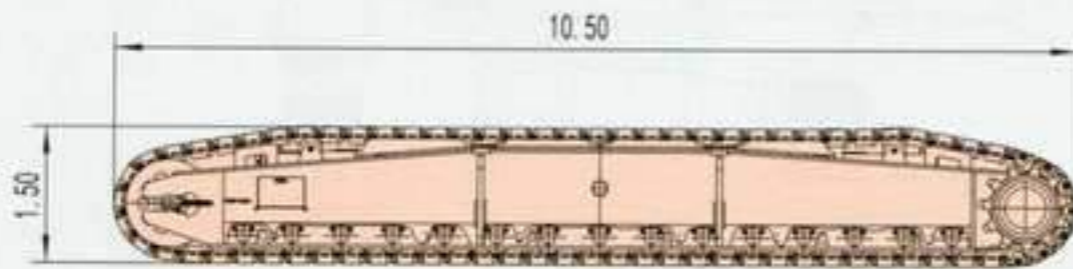
Transportation Dimension

尺寸单位: m Unit: m



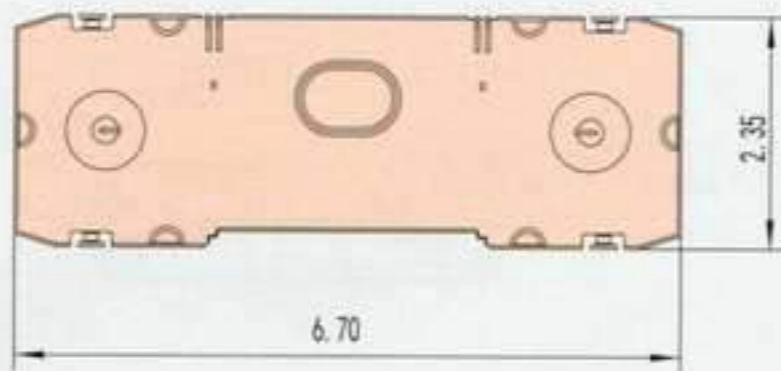
机体 (包括桅杆、主提升、主变幅装置等)	× 1
长	14.02m
宽	2.99m
高	3.13m
重量	57000kg

basic machine (including mast, main hoist winch, and main derrick winch)	× 1
Length	14.02m
Width	2.99m
Height	3.13m
Weight	57000kg



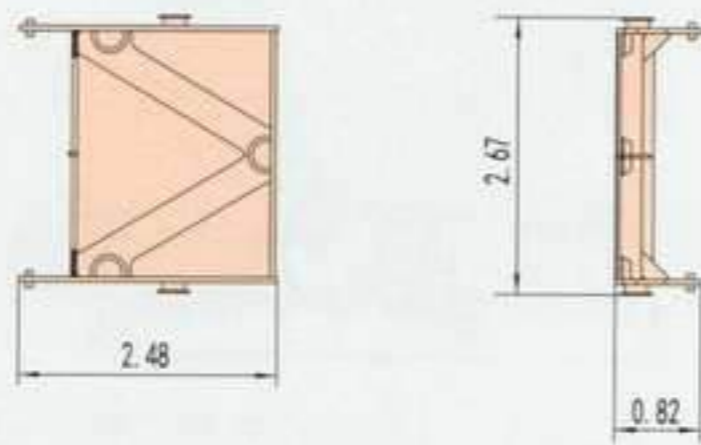
履带总成	× 2
长	10.50m
宽	1.35m
高	1.50m
重量	28000kg

crawler assy	× 2
Length	10.50m
Width	1.35m
Height	1.50m
Weight	28000kg



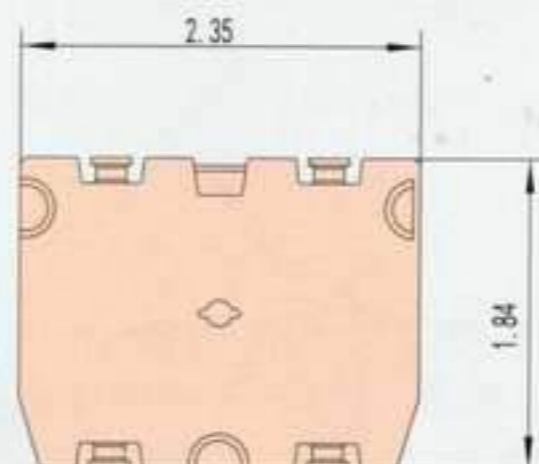
配重托盘	× 1
长	6.70m
宽	2.35m
高	0.38m
重量	24000kg

counterweight tray	× 1
Length	6.70m
Width	2.35m
Height	0.38m
Weight	24000kg



下车压重架	× 2
长	2.48m
宽	2.67m
高	0.82m
重量	2000kg

central ballast	× 2
Length	2.48m
Width	2.67m
Height	0.82m
Weight	2000kg



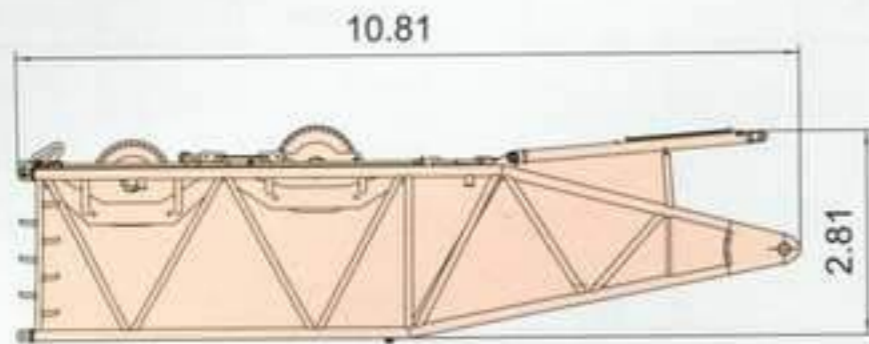
配重块	× 32
长	2.35m
宽	1.84m
高	0.47m
重量	10000kg

counterweigh block	× 32
Length	2.35m
Width	1.84m
Height	0.47m
Weight	10000kg

主要零部件运输尺寸

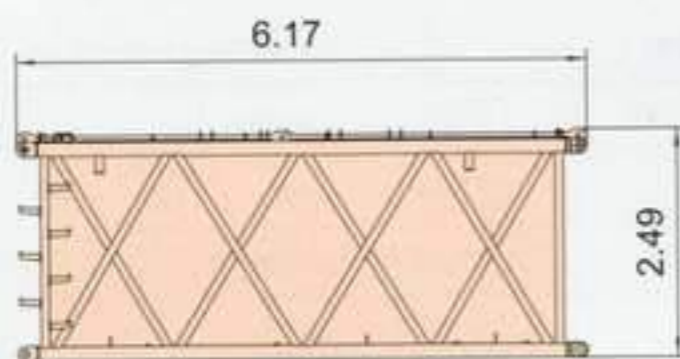
Transportation Dimension

尺寸单位: m Unit: m



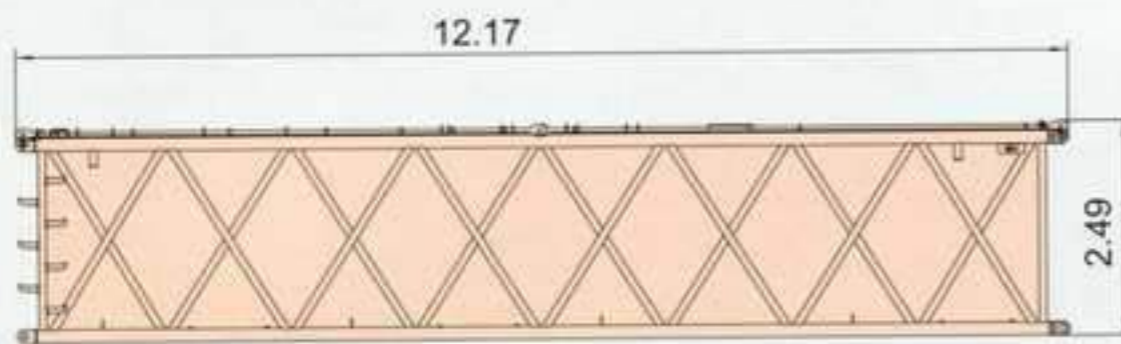
主臂基础臂节 (含防后倾撑杆、副变幅、辅助提升卷扬) × 1	
长	10.81m
宽	2.87m
高	2.81m
重量	6066kg

boom foot section (including backstop brace, aux. demicking winch, aux. hoist winch) × 1	
Length	10.81m
Width	2.87m
Height	2.81m
Weight	6066kg



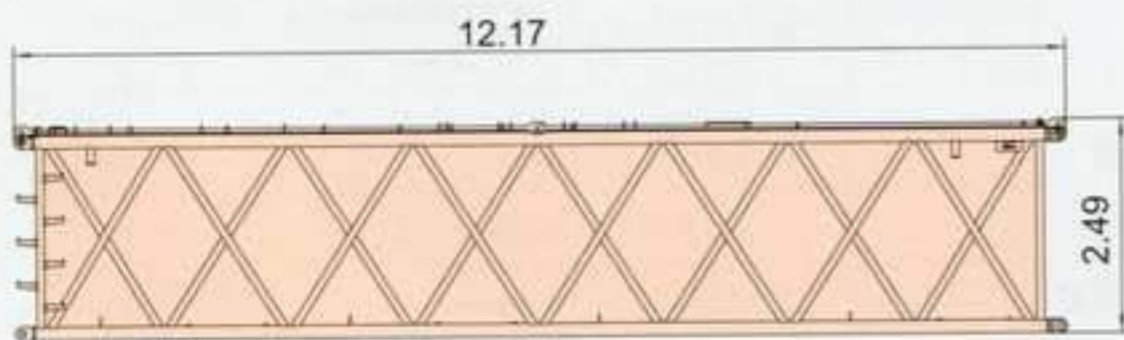
主臂6米中间臂节 × 2	
长	6.17m
宽	2.86m
高	2.49m
重量	1883kg

6m boom insert × 2	
Length	6.17m
Width	2.86m
Height	2.49m
Weight	1883kg



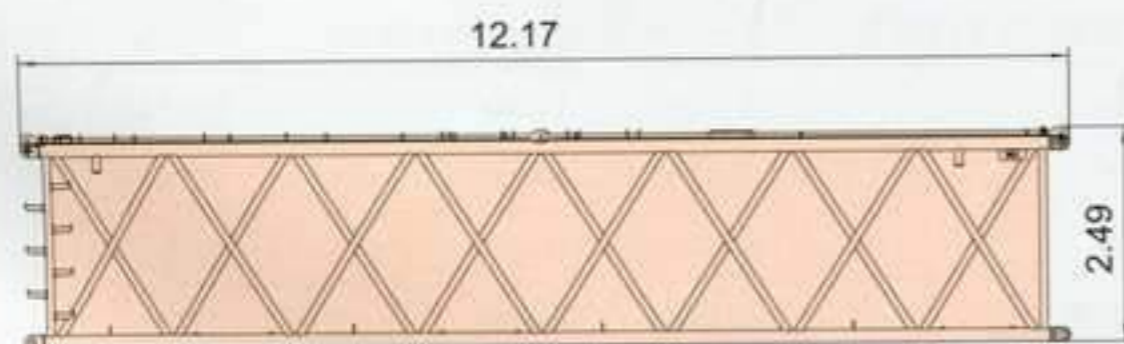
主臂12米中间臂节A × 1	
长	12.17m
宽	2.86m
高	2.49m
重量	3481kg

12m boom insert A × 1	
Length	12.17m
Width	2.86m
Height	2.49m
Weight	3481kg



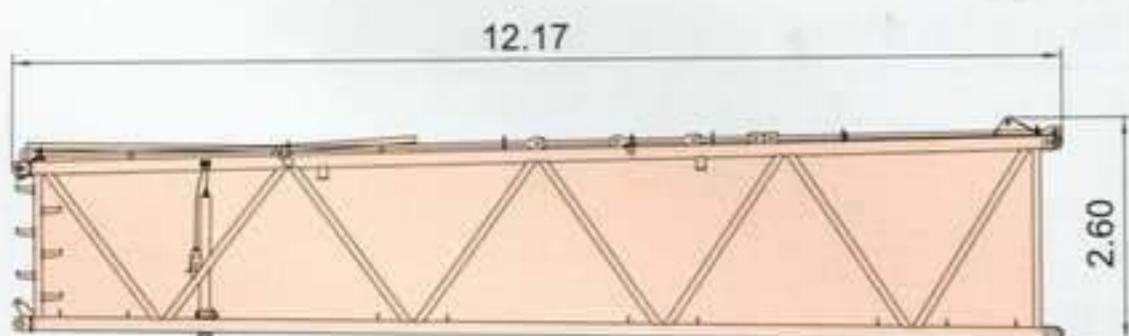
主臂12米中间臂节B × 2	
长	12.17m
宽	2.86m
高	2.49m
重量	3145kg

12m boom insert B × 2	
Length	12.17m
Width	2.86m
Height	2.49m
Weight	3145kg



主臂12米中间臂节D × 1	
长	12.17m
宽	2.86m
高	2.49m
重量	3438kg

12m boom insert D × 1	
Length	12.17m
Width	2.86m
Height	2.49m
Weight	3438kg



主臂12米变径节 × 1	
长	12.17m
宽	2.88m
高	2.60m
重量	3972kg

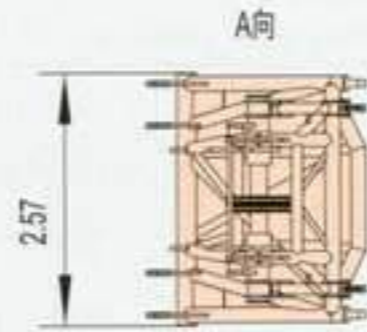
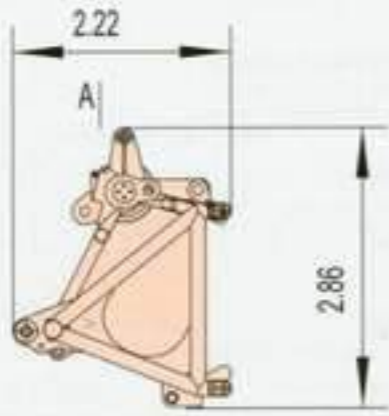
12m boom tapered section × 1	
Length	12.17m
Width	2.88m
Height	2.60m
Weight	3972kg



主要零部件运输尺寸

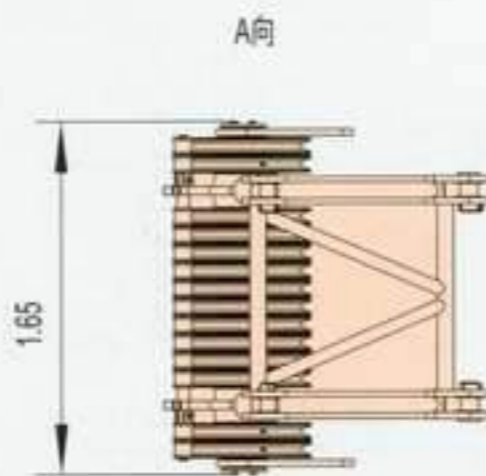
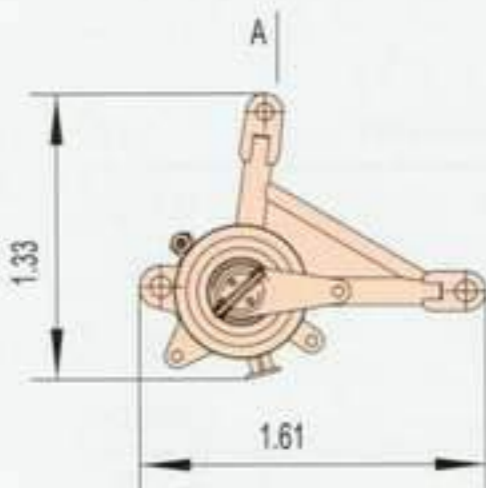
Transportation Dimension

尺寸单位: m Unit: m



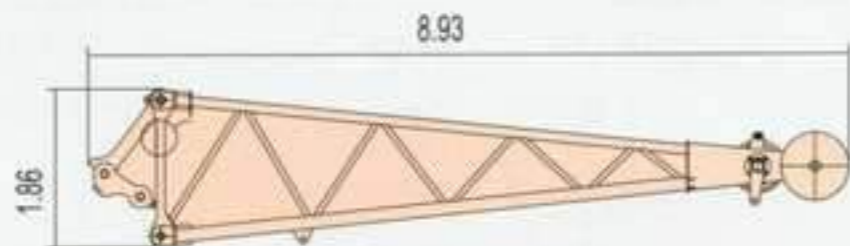
主臂臂头	× 1
长	2.22m
宽	2.57m
高	2.86m
重量	2939kg

boom head	× 1
Length	2.22m
Width	2.57m
Height	2.86m
Weight	2939kg



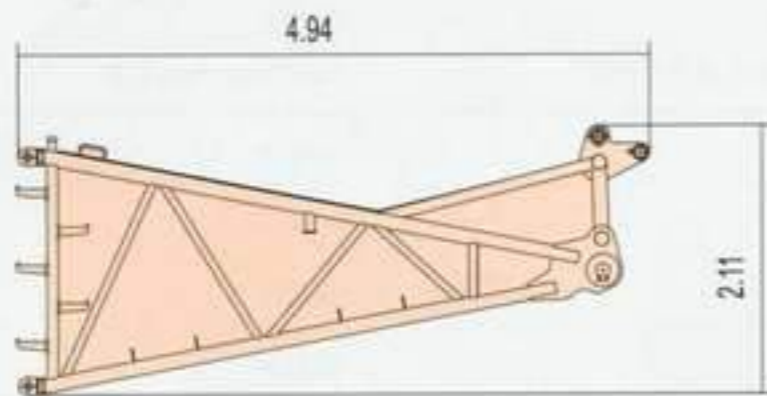
主臂起升滑轮组	× 1
长	1.61m
宽	1.65m
高	1.33m
重量	1300kg

boom lifting pulley block	× 1
Length	1.61m
Width	1.65m
Height	1.33m
Weight	1300kg



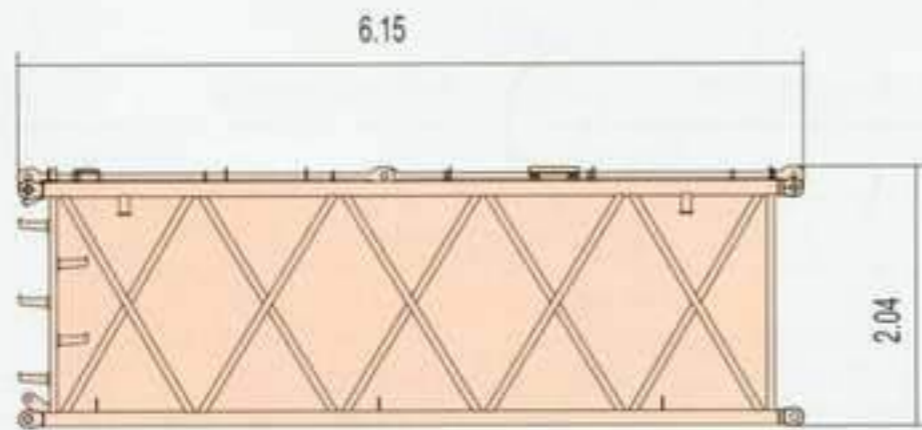
重型辅助臂	× 1
长	8.93m
宽	1.20m
高	1.86m
重量	2308kg

heavy-duty runner	× 1
Length	8.93m
Width	1.20m
Height	1.86m
Weight	2308kg



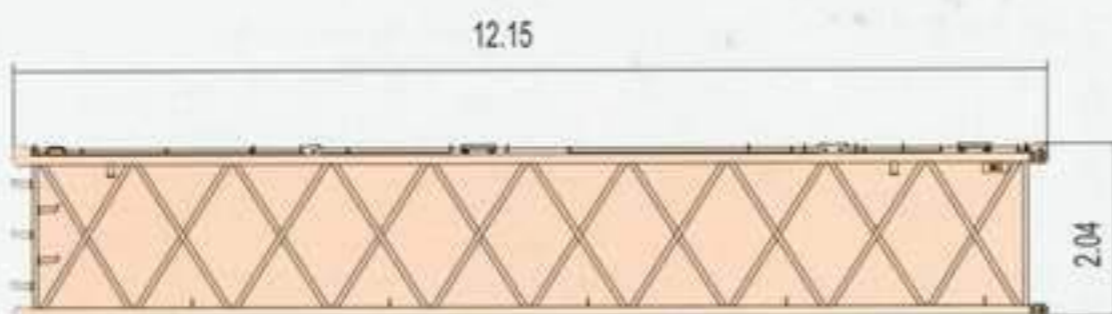
塔臂基础臂节	× 1
长	4.94m
宽	2.56m
高	2.11m
重量	1483kg

luffing jib foot section	× 1
Length	4.94m
Width	2.56m
Height	2.11m
Weight	1483kg



塔臂6米中间臂节	× 2
长	6.15m
宽	2.47m
高	2.04m
重量	1400kg

6m luffing jib insert	× 2
Length	6.15m
Width	2.47m
Height	2.04m
Weight	1400kg



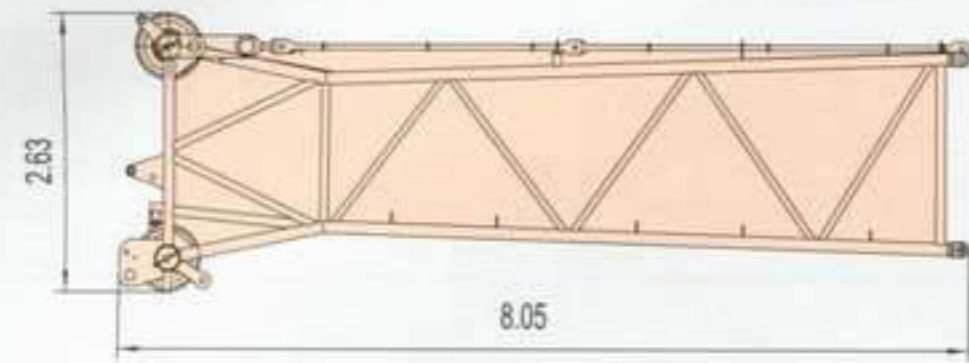
塔臂12米中间臂节	× 5
长	12.15m
宽	2.47m
高	2.04m
重量	2400kg

12m luffing jib insert	× 5
Length	12.15m
Width	2.47m
Height	2.04m
Weight	2400kg

主要零部件运输尺寸

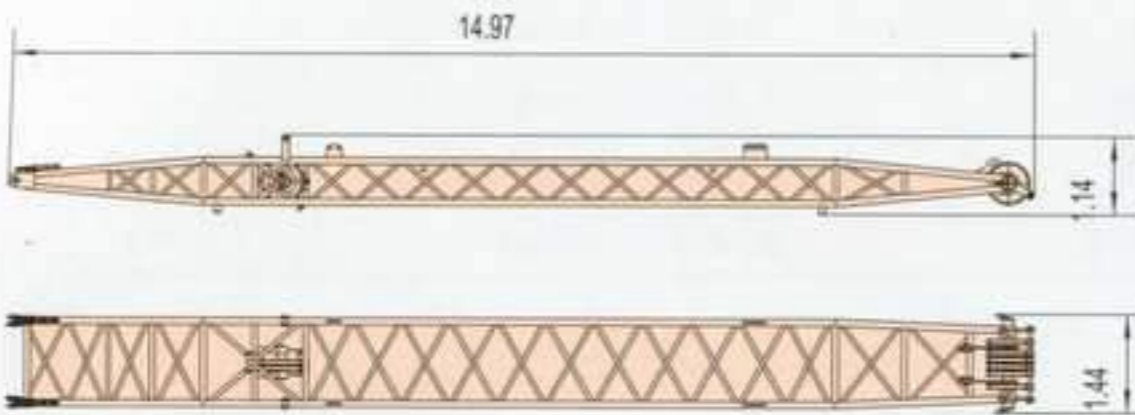
Transportation Dimension

尺寸单位: m Unit: m



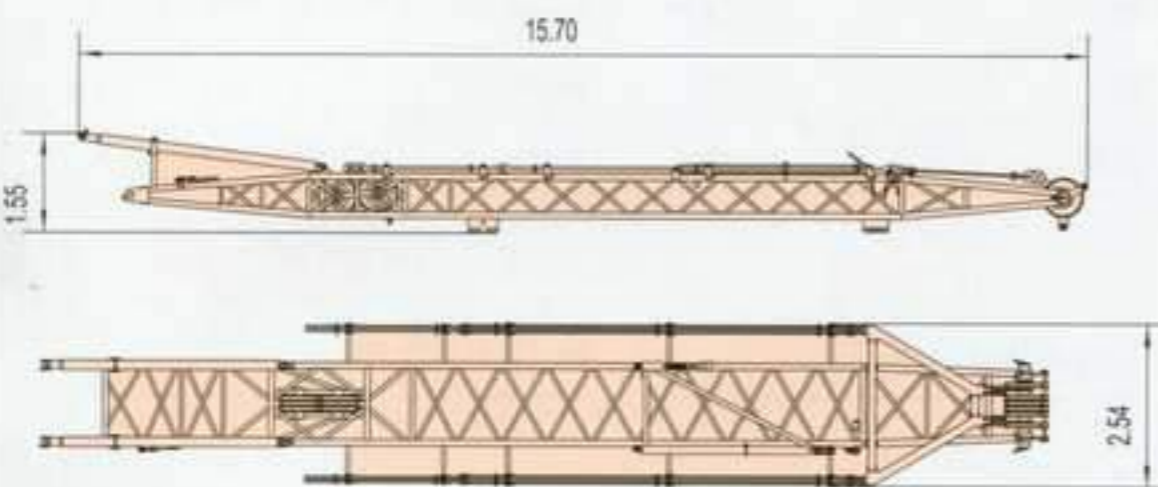
塔臂顶部臂节	× 1
长	8.05m
宽	2.48m
高	2.63m
重量	2972kg

luffing jib top section	× 1
Length	8.05m
Width	2.48m
Height	2.63m
Weight	2972kg



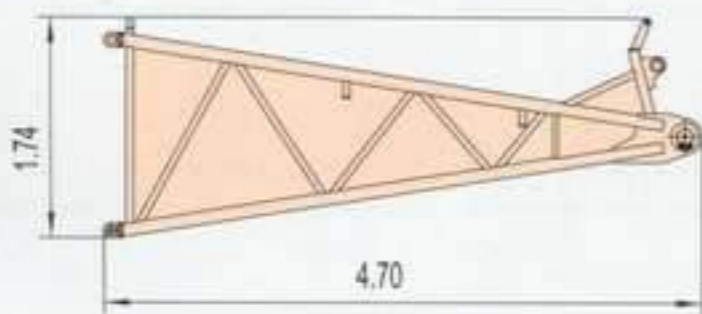
塔臂前撑架	× 1
长	14.97m
宽	1.44m
高	1.14m
重量	2538kg

front strut for luffing jib	× 1
Length	14.97m
Width	1.44m
Height	1.14m
Weight	2538kg



塔臂后撑架	× 1
长	15.70m
宽	2.54m
高	1.55m
重量	4408kg

rear strut for luffing jib	× 1
Length	15.70m
Width	2.54m
Height	1.55m
Weight	4408kg



固定副臂基础臂节	× 1
长	4.70m
宽	1.66m
高	1.74m
重量	756kg

fixed jib foot section	× 1
Length	4.70m
Width	1.66m
Height	1.74m
Weight	756kg



固定副臂6米中间臂节	× 1
长	6.16m
宽	1.60m
高	1.72m
重量	715kg

6m fixed jib insert	× 1
Length	6.16m
Width	1.60m
Height	1.72m
Weight	715kg



主要零部件运输尺寸

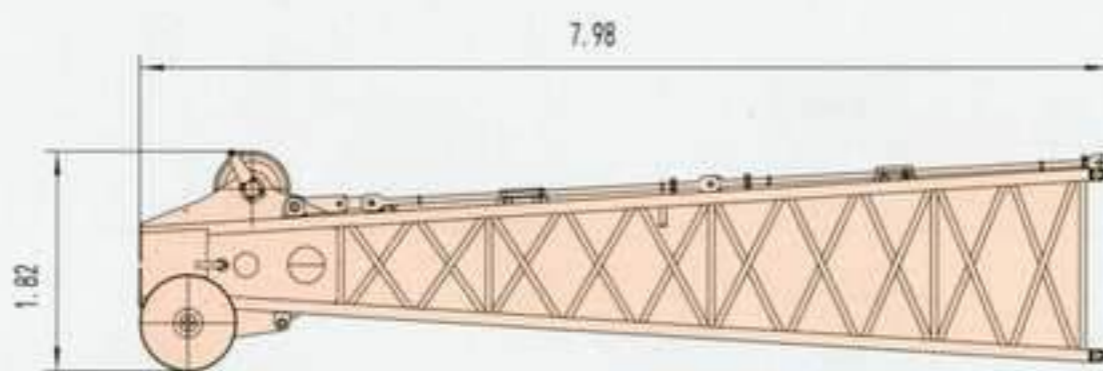
Transportation Dimension

尺寸单位: m Unit: m



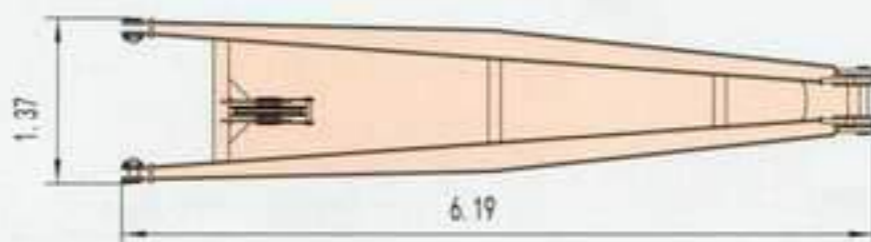
固定副臂12米中间臂节	× 1
长	12.16m
宽	1.60m
高	1.72m
重量	1325kg

12m fixed jib insert	× 1
Length	12.16m
Width	1.60m
Height	1.72m
Weight	1325kg



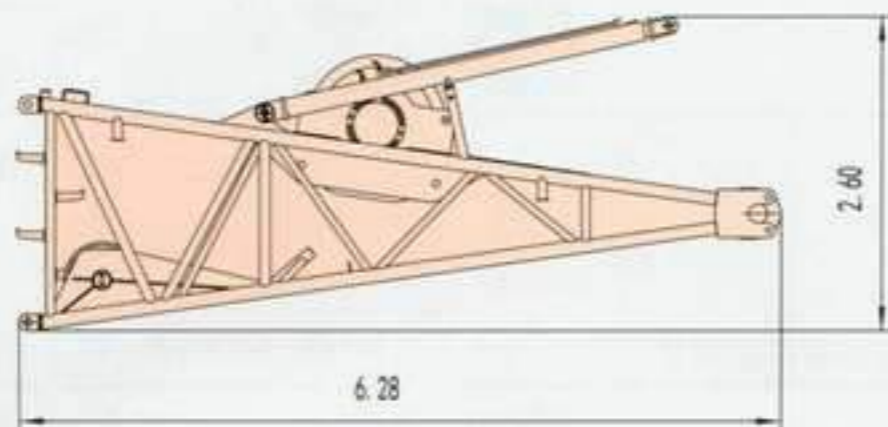
固定副臂顶节	× 1
长	7.98m
宽	1.60m
高	1.82m
重量	1854kg

fixed jib top section	× 1
Length	7.98m
Width	1.60m
Height	1.82m
Weight	1854kg



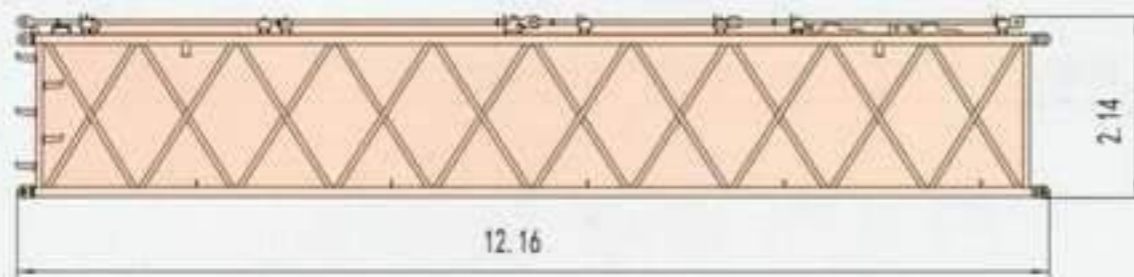
固定副臂撑架	× 1
长	6.19m
宽	1.37m
高	0.76m
重量	1450kg

strut for fixed jib	× 1
Length	6.19m
Width	1.37m
Height	0.76m
Weight	1450kg



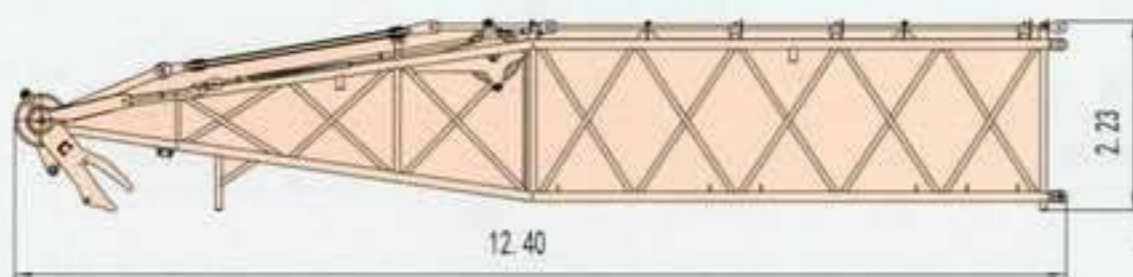
超起桅杆基础臂节	× 1
长	6.28m
宽	2.49m
高	2.60m
重量	7500kg

SL mast foot section	× 1
Length	6.28m
Width	2.49m
Height	2.60m
Weight	7500kg



超起桅杆12米中间臂节	× 1
长	12.16m
宽	2.47m
高	2.14m
重量	2400kg

12m SL mast insert	× 1
Length	12.16m
Width	2.47m
Height	2.14m
Weight	2400kg



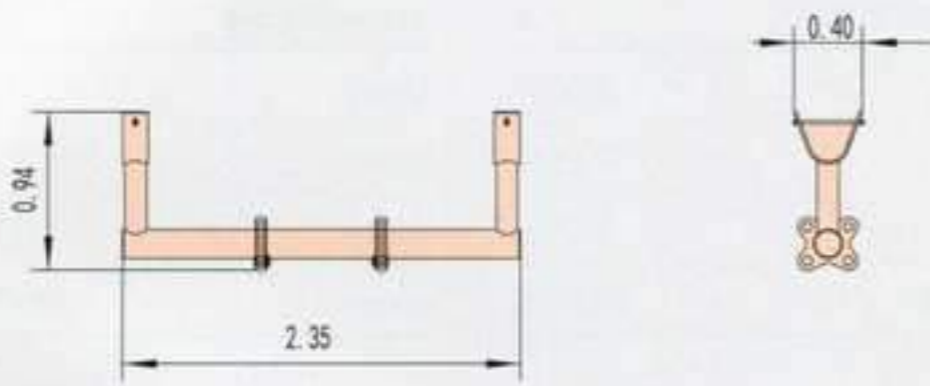
超起桅杆顶部臂节	× 1
长	12.04m
宽	2.47m
高	2.23m
重量	6500kg

SL mast top section	× 1
Length	12.04m
Width	2.47m
Height	2.23m
Weight	6500kg

主要零部件运输尺寸

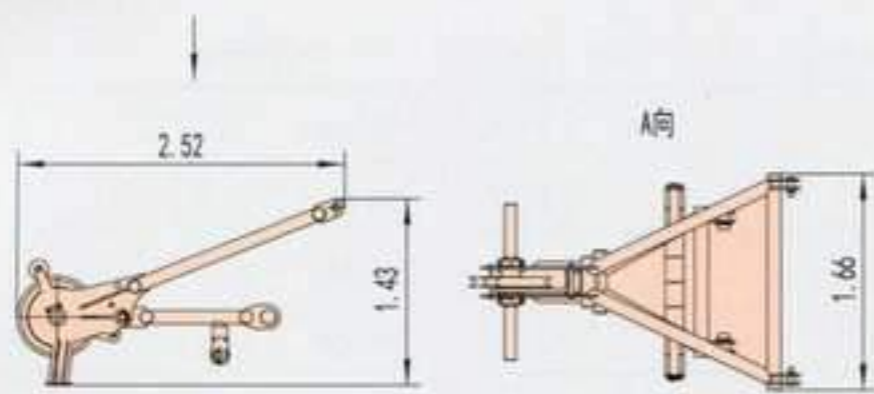
Transportation Dimension

尺寸单位: m Unit: m



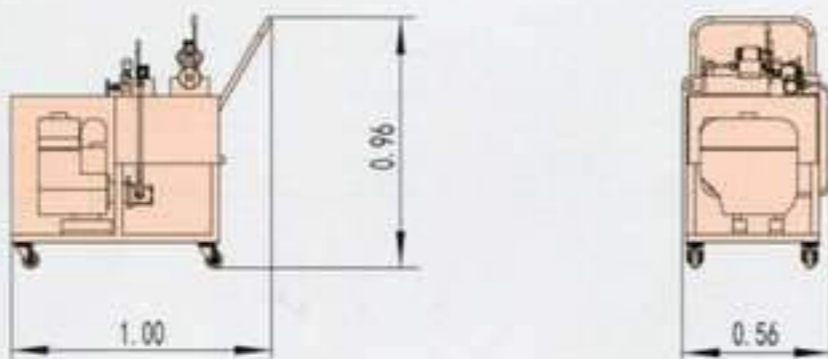
副臂起臂横梁	× 1
长	2.35m
宽	0.40 m
高	0.94m
重量	180kg

fixed jib erection beam	× 1
Length	2.35m
Width	0.40 m
Height	0.94m
Weight	180kg



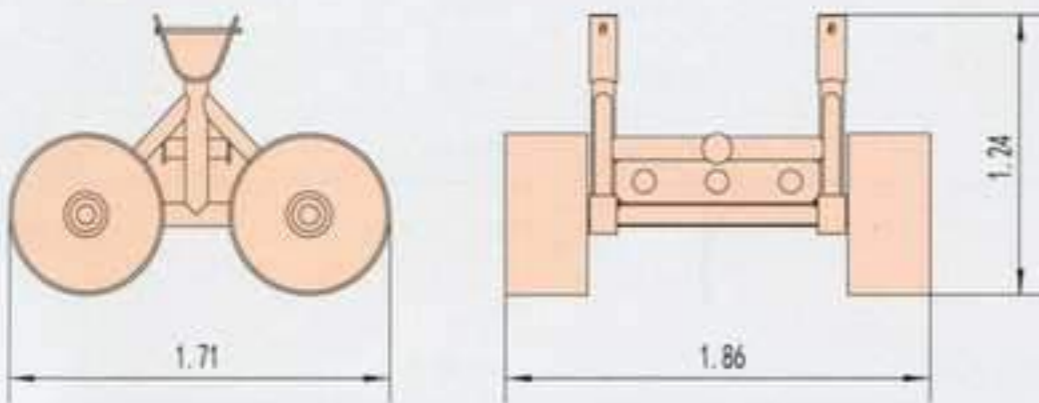
辅助臂	× 1
长	2.52m
宽	1.66m
高	1.43m
重量	10680kg

runner	× 1
Length	2.52m
Width	1.66m
Height	1.43m
Weight	10680kg



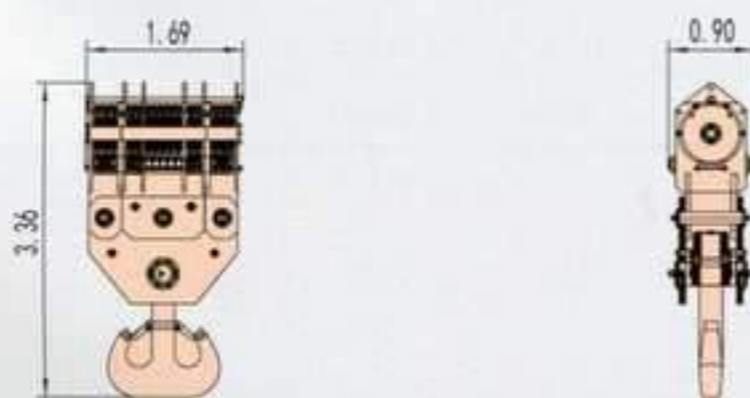
移动泵站	× 1
长	1.00m
宽	0.56m
高	0.96m
重量	110kg

mobile pump station	× 1
Length	1.00m
Width	0.56m
Height	0.96m
Weight	110kg



辅助小车	× 1
长	1.86m
宽	1.71m
高	1.24m
重量	1200kg

assistant trolley	× 1
Length	1.86m
Width	1.71m
Height	1.24m
Weight	1200kg



320吨吊钩320t (可以拆解作为200吨吊钩)	× 1
长	3.36m
宽	0.90m
高	1.69m
重量	7600kg

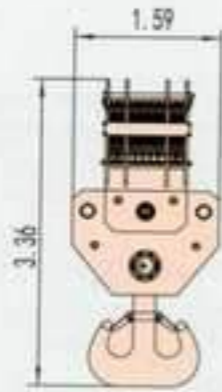
hook block	× 1
Length	3.36m
Width	0.90m
Height	1.69m
Weight	7600kg



主要零部件运输尺寸

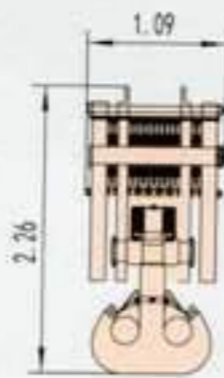
Transportation Dimension

尺寸单位: m Unit: m



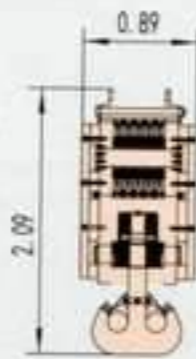
200吨吊钩	× 1
长	3.36m
宽	0.85m
高	1.56m
重量	4900kg

200t hook block	× 1
Length	3.36m
Width	0.85m
Height	1.56m
Weight	4900kg



160吨吊钩	× 1
长	2.26m
宽	0.80m
高	1.09m
重量	4600kg

160t hook block	× 1
Length	2.26m
Width	0.80m
Height	1.09m
Weight	4600kg



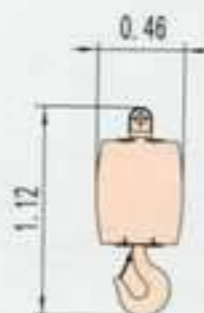
100吨吊钩	× 1
长	2.09m
宽	0.76m
高	0.89m
重量	3600kg

100t hook block	× 1
Length	2.09m
Width	0.76m
Height	0.89m
Weight	3600kg



70吨吊钩	× 1
长	2.11m
宽	0.76m
高	0.62m
重量	3000kg

70t hook block	× 1
Length	2.11m
Width	0.76m
Height	0.62m
Weight	3000kg



15吨吊钩	× 1
长	1.12m
宽	0.46m
高	0.46m
重量	800kg

15t hook	× 1
Length	1.12m
Width	0.46m
Height	0.46m
Weight	800kg

样本中的主要零部件运输重量为设计值，由于制造误差，可能稍有不同。

The transportation weight of main parts in the manual is the designed value, the actual value may be a little different due to manufacture error.

