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XGC500 履带起重机

CRAWLER CRANE



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CONTENTS 目录

| | |
|-----|--|
| P02 | <ul style="list-style-type: none">◆ 产品亮点 Product Highlights◆ 主要技术参数 The Main Technical Parameters◆ 详细介绍 Brief Introduction◆ 自装拆 Self-Assembly/Disassembly |
| P12 | <ul style="list-style-type: none">◆ 工况示意图 Working Mode Illustration◆ 标准工况重型主臂臂节组合/重型主臂 Standard Mode Heavy Boom Combinations/Heavy Boom◆ 标准工况轻型主臂臂节组合/轻型主臂 Standard Mode Light Boom Combinations/Light Boom◆ 标准工况塔式副臂臂节组合/塔式副臂 Standard Mode Tower Jib Combinations/Tower Jib◆ 标准工况风电副臂臂节组合/风电副臂 Standard Mode Boom Point For Wind Power Combinations |
| P34 | <ul style="list-style-type: none">◆ 超起工况重型主臂臂节组合/重型主臂 SL Mode Heavy Boom Combinations/Heavy Boom◆ 超起工况轻型主臂臂节组合/轻型主臂 SL Mode Light Boom Combinations/Light Boom◆ 超起工况塔式副臂臂节组合/塔式副臂 SL Mode Tower jib Combinations/Tower jib◆ 超起工况风电副臂臂节组合/风电副臂 SL Mode Boom Point For Wind Power Combinations◆ 主要零部件 Main parts◆ 工作条件及注意 Working conditions and Cautions |

02

XGC500履带起重机 XGC500 CRAWLER CRANE

| | |
|---------|---|
| P03-P03 | 产品亮点 Product Highlights |
| P04-P04 | 主要技术参数 The Main Technical Parameters |
| P05-P09 | 详细介绍 Brief Introduction |
| P10-P11 | 自装拆 Self-Assembly/Disassembly |

01 运输、拆装优化设计

Optimized design of transport and assembly/disassembly

- 变幅系统一体运输。如桅杆主变幅系统、超起桅杆变幅系统、塔臂四件套一体运输。
Luffing system integrated transport. 4-piece luffing system integrated transport of mast main luffing system, super-lift mast luffing system, and tower jib.
- 采用独有的拉板连接设计，使拉板的拆装更便利。同时，拉板可随臂转运，节约臂架转换时间。
Use of particular pendant connection design to make pendant assembly/disassembly more convenient. Meanwhile pendant can be transported with boom sections, to save boom transition time.
- 同平台产品所有平衡重统一规格，真正实现通用互换。
All counterweights on the same platform products have the unified specifications, truly realize common use and interchangeability for the parts.

02 智能控制系统，更加安全可靠

Intelligent control system, more safe and reliable

- 实时检测臂架角度，实现工作/安装模式自动切换，有效降低误操作概率。
Real-time detection of boom angle, to achieve Work/Assembly mode automatic switch-over, to effectively reduce the error probability in operation.
- 采用桅杆一键扳起技术，桅杆起落一键完成，省时省力、安全可靠。
One-key-switch mast erection technology for mast raising/lowering, time-saving, safe and reliable.
- 优化电子控制系统，能够实现全部动作无级变速，动作控制更精准，微动性更好。
Optimized electronic control system can achieve all the actions with infinitely variable speeds, for more precise motion control and fine movement.

03 硬件大升级，性能更优越

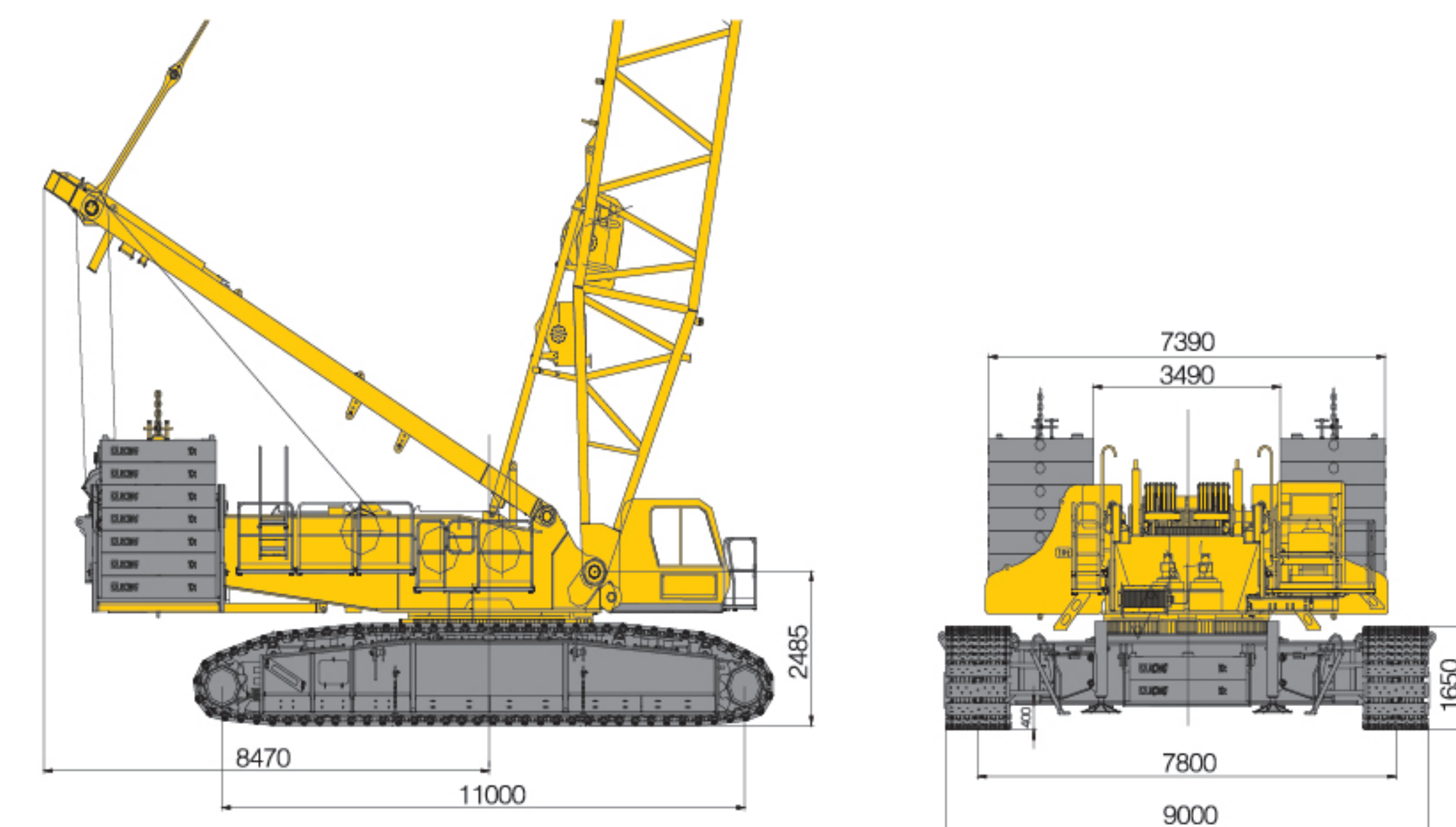
Hardware upgrade for perfect performance

- 链轮式行走，啮合效果好；前、后四行走减速机驱动，提高了整车的行走、转向及爬坡能力。
Sprocket-style travel with good coupling engagement; 4-drive reducer for front/rear drive unit, improve the whole vehicle travel, steering and climbing ability.
- 配合风电安装及检修需要，升级风电臂工况，可满足2.0~2.5兆瓦以内风机吊装需求。
For the demand of wind power installation and maintenance, wind power jib can meet the 2.0~2.5 MW below wind turbine lifting demand.
- 先进的超起配重自推移系统，结合超起无级变幅技术，实现高效作业。
Combined advanced super-lift counterweight movable system with super-lift counter-weight step-less luffing to achieve high-efficiency operation.
- 配备吊装方案设计及配重优化软件，为客户提供定制化的吊装方案。
Equipped with lifting planning and counterweight optimization software, the crane can provide customized lifting planning for customers.

主要技术参数 The Main Technical Parameters

| 项目 Items | 单位 Unit | 数值 Data | |
|---|---|--------------|--------|
| 最大额定起重量 Max. lifting capacity | t | 500 | |
| 标准工况 Standard mode | 重型主臂 Heavy boom | m | 24~90 |
| | 轻型主臂 Light boom | m | 48~108 |
| | 风电副臂最大组合长度 Boom point for wind power length | m | 96+7 |
| | 塔式副臂 Tower jib | m | 24~72 |
| 超起工况 SL mode | 重型主臂长度 Heavy boom length | m | 36~96 |
| | 轻型主臂长度 Light boom length | m | 78~126 |
| | 塔式副臂长度 Tower jib length | m | 24~84 |
| | 风电副臂最大组合长度 Boom point for wind power length | m | 108+7 |
| 最大单绳起升速度 (空载, 第七层) Winch max. single line speed | m/min | 130 | |
| 主臂变幅最大单绳速度 Boom luffing winch max. single line speed | m/min | 53×2 | |
| 回转速度 Slewing speed | r/min | 1.0 | |
| 行走速度 Travel speed | km/h | 0.73 | |
| 平均接地比压 Mean ground pressure | MPa | 0.132 | |
| 发动机功率 Engine output power | kw | 360 | |
| 整机重量 (24m重型主臂、500t吊钩) Total vehicle weight (24m heavy boom, 500t capacity hook block) | t | 375 | |
| 最大单件 (主机) 运输重量 Max. weight of single unit (basic machine) in travel configuration | t | 55 | |
| 最大单件 (主机) 运输尺寸 (长×宽×高) Max. dimension of single unit (basic machine) in travel configuration (L×W×H) | m | 11.5×3.4×3.4 | |

本印刷品所包含的数据，会随着产品的不断升级而改变，请以实际产品为准
Pictures and data in this catalog will change with the update and modification of products, so please take the actual vehicle as reference.



详细介绍 Brief Introduction

上车 / Crane Superstructure

发动机 / Engine

XGC500选用奔驰/潍柴公司生产的直列6缸、水冷、增压中冷、电喷环保型发动机，额定功率360KW，额定转速1800rpm，符合欧洲工程机械阶段III排放标准。它具有结构紧凑、体积小、重量轻、功率大、油耗低、污染小、工作可靠、寿命长等显著特点，能满足履带起重机的恶劣工况。

XGC500 uses Mercedes-Benz diesel engine, 6-cylinder in line, water-cooled, turbocharged, inter-cooled and electronic injection, rated output power 360kW, rated speed 1800rpm, emission in compliance with European Construction Machinery Stage III, it features compact structure, small size, light weight, strong power, low fuel consumption, little pollution, reliable work and long service life, can meet various working conditions for crawler cranes.

控制系统 / Control System

智能化计算机集成式可编程控制系统，是该产品的关键核心技术，采用PLC可编程控制器，并与常规电气相结合，完成系统的逻辑控制与电比例控制功能，实现起重机的智能控制；控制器、显示器、发动机和力矩限制器之间采用CAN-Bus进行数据传送，大大提高起重机的作业安全性、可靠性和作业效率。大屏幕显示起重机作业参数及发动机相关参数，很方便的实现了人机对话。超起配重无级变幅技术，使起重机适应性更强。

Intelligent computer intergrated programming control system is the key technology for this crane, adopts PLC programming controler, with combination of conventional electric system, complete systematic logic control and electronic proportional control, and realize the intelligent control of the crane; With CAN-Bus for data transfer among controller, display, engine and load moment limiter, greatly improving crane operation safety, reliability and working efficiency. Large screen display can show crane working data and related engine parameter, and convenient to realize man-machine interaction. SL weight no level luffing technical, make crane adaptable.

液压系统 / Hydraulic System

采用电比例控制，开闭式回路相结合，EP控制变量泵系统。液压系统组成：起升回路、变幅回路、回转回路、防后倾回路、行走回路以及辅助安装回路。

特点：起升回路、变幅回路、行走回路采用开式泵控系统。主泵为EP控制变量泵，电比例EP阀控制变量，可以同时满足多个执行元件动作要求。回转系统采用闭式系统，响应迅速，控制精准，开启和制动时动作平稳，且换向时无冲击。可以满足频繁换向和微动操作要求。

Electronic proportional control, with combination of close/open type circuit, EP controlled valve for variable displacement pump system.
Hydraulic system: winch, luffing gear, slewing gear, tower jib backstop, travel gear, auxiliary assembly system.
Features: winch, luffing gear, travel gear are of open type pump control system, main pump is EP controlled variable displacement pump, electronic proportional EP controlled valve for variable displacement, can meet the requirement of multiple actuator movement. Slewing gear is close type system, quick response, accurate control, stable starting and braking, and no impact for direction change, may satisfy operation of frequent direction change and fine motion control.

起升机构 / Winch

主起升机构有两个，型号相同，单独驱动，大起重量时两个卷扬同步工作。卷扬采用片式常闭制动器，内藏式减速机，变量马达驱动。两个主起升机构共用一个整体式支架，与转台采用销轴连接，便于组装。副起升机构和主起升相同，用于臂端单滑轮的起升。钢丝绳均为高品质抗旋转钢丝绳，避免了钢丝绳打绞。

Two main winches of same model, with independent drive, and two winches synchronize for heavy load lifting; disc type constant closed brake, built-in speed reducer and variable displacement motor drive; two winches share one integrated bracket, and connected with turntable by pin shaft, easy for assembly. Auxiliary winch is the same as main winch, and used for boom head single sheave lifting. Winch wire rope is imported from Germany, no-twisting and no-turning.

变幅机构 / Luffing Gear

主臂变幅为一个双联卷筒独立驱动，塔臂变幅和超起变幅均为单卷扬独立驱动。主副变幅机构采用内藏式减速机，片式常闭制动器。卷筒设有棘轮装置，以实现机械锁止制动，安全可靠。驱动马达、平衡阀、钢丝绳均为高品质钢丝绳。

Boom luffing gear is a twin drum independent drive unit, tower jib luffing gear and SL luffing gear is single winch independent drive unit. Main/auxiliary luffing gears use built-in speed reducer and disc type constant closed brake. The winch drum has a ratchet locking device to realize mechanical locking the boom, working safe and reliable. Drive motor, counterbalance valve, winch wire rope are all imported from Germany.

平衡重系统 / Counterweight System

平衡重系统包括转台平衡重、超起平衡重、车身平衡重。

转台平衡重：160t
平衡重箱2件 10t/件
平衡重块14件 10t/件
车身平衡重：42.6t
平衡重箱2件 11.3t/件
平衡重块2件 10t/件
超起平衡重：190t
超起平衡重托盘1件 30t/件
平衡重块16件 10t/件

Ballast system consists of turntable ballast, SL ballast and car-body ballast.
Turntable Ballast: 160t
Ballast box 2 pcs. 10t/pcs.
Ballast 14 slabs 10t/slab
Car-body Ballast: 42.6t
Ballast box 2 pcs. 11.3t/pcs.
Ballast 2 slabs 10t/slab
SL Ballast: 190t
Ballast tray 1 pcs. 30t/pcs.
Ballast 16 slabs 10t/slab

回转机构 / Slewing Gear

布置在转台内侧前面，由两个行星减速机组成，与回转支承外啮合，液压缓冲，具有自由滑转功能。行星减速机，可控常闭、片式制动器，工作可靠，维修方便。

Slewing gear is arranged inside the front of turntable, made up by two planetary reducers, and internal meshed with slewing ring, hydraulic buffering, and with the function of free swing. Planetary reducer has a controllable constant- closed disc brake, reliable working and easy for maintenance.

转台 / Turntable

转台是联系上下车的关键承载结构件，采用高强度钢板焊接而成的双侧“工”字梁框架复合结构，整体稳定性好。转台通过回转支承与下车进行联接。驾驶室、起升机构、变幅机构、发动机、桅杆、主臂及配重等分别与转台在不同部位进行联接。

Turntable is key structural part linked with crane superstructure and crane carrier for load bearing, made of high strength steel plate and welded as compound structure of both sides "I" shaped beam frame, with excellent stability. Turntable is connected with crane carrier by slewing ring, and many mechanisms arranged on it, such as operator's cabin, winch, luffing gear, engine, gantry, mast, boom and Ballast.

操纵室 / Operator's Cabin

操纵室采用钢制框架结构，正面配置有整体式夹层玻璃，其余玻璃均为钢化玻璃。装有可调式座椅、按人机工程学布置的全套操纵仪表和控制装置，配置冷暖空调、音响、灭火装置、闭路监视系统等，宽敞舒适。工作时，操纵室可调整俯仰角度，扩大视野，方便操作；运输时，操纵室可从侧方转到前方，减小运输宽度。

Operator's cabin is steel frame structure, front windshield has overall type safety glass, other glass is hardened glass, equipped with adjustable seat, all kinds of ergonomic designed instruments and controls, vent type air-conditioner, CD player, fire extinguisher, and closed circuit monitoring system, spacious and comfortable. When the crane is in operation, the operator's cabin can be tilted upward to widen the field of vision. When the crane is in transportation, the operator's cabin can be turned from the side to the front so as to reduce the transport width.

回转支承 / Slewing Ring

采用三排滚柱式回转支承，质量稳定可靠。
Slewing ring is a 3-row roller type slewing bearing, with reliable quality.

下车 / Crane Carrier

下车包括车架、履带架、行走机构。车架和履带架采用销轴铰接式连接，销轴安装通过液压缸完成，履带架的拆装可利用本机的桅杆油缸吊装。车架底平面离地间隙为400mm。

Crane carrier comprises car-body, crawler track, travel gear. Car-body and crawler are articulated by pin shaft, the installation of pin shaft is realized by hydraulic cylinder, and the crane mast cylinder is used for crawler track assembly and disassembly. The ground clearance of car-body bottom plane is 400mm.

车架 / Car-body

车架采用高强度钢板、箱形结构，中间设置横隔板，加强其抗扭刚度，结构简单，承载能力强，刚性好。

Car-body is made of high strength steel, box-type structure, with cross panel installed in the middle to strengthen its stiffness of torsion resistance, simple structure, high loading capacity and well rigidity.

履带架 / Crawler Track

包括履带梁和四轮一带。履带梁采用箱形结构，和车架连接部位局部加强，中间设置横隔板。两个履带架对称设置，装有宽度为1.2m履带板。履带架可同步操作，也可单独操纵，以实现直行和转弯。

Crawler track consists of track beam, drive sprocket, idler wheel, upper roller, lower roller and track pads. Crawler beam is box-type structure, the connection place to frame is strengthened partially, and cross panel is installed in the middle of it. Two crawler tracks are symmetrically arranged, with track pads of 1.2m, can be operated synchronously or independently to realize straight travel and turning around.

行走机构 / Travel Gear

履带行走驱动采用德国进口的内藏式行星齿轮减速机，液压释放行走制动器，每个履带由两台德国进口的减速机及轴向柱塞变量马达驱动。

Travel gear drive has German imported built-in planetary gear reducer and hydraulic release service brake, and one speed reducer is driven by two German imported axial piston variable displacement motors.

行走速度 / Travel Speed

变量泵及变量马达可以实现高、中、低速三档无级变速，最高速度0.73km/h。行走时，设备运行平稳，可实现快速行走。

Variable displacement pump and variable displacement motor can realize high/low two kinds of infinitely variable speed drive, max. speed 0.73km/h, stable and fast travel.

详细介绍 Brief Introduction

作业装置 / Lifting Operation Parts

起重臂包括主臂、塔式副臂和风电臂。结构型式为中间等截面，两端变截面四弦杆空间桁架结构，提高臂架抗弯曲的能力。

Lifting boom comprises main boom, tower jib and boom point for wind power, the structural type is lattice structure of four tubular chords with intermediate equal section and two end variable section; with the ability for improving torsion resistance.

工况 / Working Conditions

| | |
|-------------|--|
| 标准工况重型主臂工况 | Standard Mode Heavy Boom Working Conditions |
| 标准工况轻型主臂工况 | Standard Mode Light Boom Working Conditions |
| 标准工况塔式副臂工况 | Standard Mode Tower Jib Working Conditions |
| 标准工况风电鹅头臂工况 | Standard Mode Boom Point For Wind Power Working Conditions |
| 超起工况重型主臂工况 | SL Mode Heavy Boom Working Conditions |
| 超起工况轻型主臂工况 | SL Mode Light Boom Working Conditions |
| 超起工况塔式副臂工况 | SL Mode Tower Jib Working Conditions |
| 超起工况风电鹅头臂工况 | SL Mode Boom Point For Wind Power Working Conditions |

重型主臂 / Heavy Boom

重型主臂为中间等截面、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，以利于传递载荷。重型主臂配置臂端单滑轮机构，标准工况下，重型主臂长度为24~90m，超起工况下，重型主臂长度为36~96m。

组成：10.5米重型底节×1，6米主臂中间节×2，12米厚壁主臂中间节×2，12米薄壁主臂中间节×3，12米过渡节×1，臂头×1。

Heavy boom is lattice structure of intermediate equal section and two end variable section, welded by steel tube, boom top and boom foot reinforced by steel plate for load transfer. Heavy boom is equipped with boom head single sheave. For standard working condition, the heavy boom length is 24~90m. For SL working condition, the heavy boom length is 36~96m. Construction: 10.5m boom butt, 6m×2 heavy boom insert, 12m×2 heavy boom insert, 12m×3 light boom insert, 12m×1 extension section, and boom head.

风电副臂 / Point for wind power

标准工况，风电臂长度为78~96+7；超起工况，风电臂长度为78~108+7。

组成：10.5米重型底节，6米主臂中间节×2，12米厚壁主臂中间节×2，12米薄壁主臂中间节×4，12米专用过渡节，7米风电臂。

For standard mode, the boom point for wind power can be operated within the range of boom 78~96; For SL mode, the boom point for wind power can be operated within the range of boom 78~108. Construction: 10.5m boom butt, 6m×2 heavy boom insert, 12m×2 heavy boom insert, 12m×4 light boom insert, 12m extension section and 7m boom point for wind power.

轻型主臂 / Light Boom

轻型主臂由重型底节与塔臂顶节经过渡节连接而成。标准工况下，轻型主臂长度为48~108m，超起工况下，轻型主臂长度为78~126m。

组成：10.5米重型底节×1，6米主臂中间节×1，12米后壁中间节×2，12米薄壁中间节×2，6米过渡节×1，6米塔式副臂后壁中间节×2，12米塔式副臂厚壁中间节×1，12米塔式副臂薄壁中间节×2，7.5米塔式副臂顶节×1。

Light boom is the connection of heavy boom butt and tower jib top through boom extension. For standard working condition, the light boom length is 48~108m. For SL working condition, the light boom length is 78~126m. Construction: 10.5m boom butt, 6m×1 boom insert, 12m×2 heavy boom insert, 12m×2 light boom insert, 6m×1 extension section, 6m×2 heavy jib insert, 12m×1 heavy jib insert, 12m×1 light jib insert, and 7.5m jib top.

塔式副臂 / Tower Jib

塔式副臂为中间等截面、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，以利于传递载荷。

标准工况下，塔式副臂可在主臂长30~72m范围内作业，其塔臂长度为24~72m。超起工况下，塔式副臂可在主臂长36~84m范围内作业，其塔臂长度为24~84m。

组成：10.5米塔式副臂底节，6米塔式副臂厚壁中间节×3，12米塔式副臂厚壁中间节×1，12米塔式副臂薄壁中间节×3，7.5米塔式副臂顶节。

Tower jib is lattice structure of intermediate equal section and two end variable section, welded by steel tube, jib top and jib foot reinforced by steel plate for load transfer.

For standard working condition, the tower jib can be operated within the range of boom length 30~72m, and lifting operation length is 24~72m. For SL working condition, the tower jib can be operated within the range of boom length 36~84m and lifting operation length is 24~84m.

Construction: 10.5m jib butt, 6m×3 heavy jib insert, 12m×1 heavy jib insert, 12m×3 light jib insert, 7.5m jib top.

桅杆 / Mast

桅杆结构为箱形双肢结构，该结构整体稳定性好。在自拆装时，可组成桅杆吊，用于拆装整机的大型结构件。

The mast is box-type structure of twin tubular chord, with good overall stability. When carrying out crane assembly/disassembly, the mast can be combined with other lifting parts for mounting and removing large crane structural parts.

吊钩 / Hook Block

配置：500t吊钩（选配）

400t吊钩

200t吊钩

50t吊钩

16t吊钩

注：500t吊钩可以分解成250t吊钩

400t吊钩可以分解成200t吊钩

200t吊钩可以分解成100t吊钩

Equipment:

500t capacity hook block (optional),

400t capacity hook block,

200t capacity hook block,

50t capacity hook block,

16t capacity hook block.

Note: 500t capacity hook block may be divided into 250t capacity hook blocks. 400t capacity hook block may be divided into 200t capacity hook blocks. 200t capacity hook block may be divided into 100t capacity hook blocks.

安全装置 / Safety Devices

安全装置包括力矩限制器、转台回转锁销装置、起重臂防后倾装置、起升高度限位装置、接近开关、风速仪、水平仪、液压系统的溢流阀、平衡阀、双向液压锁、回转警告、行走警告等。

Safety devices comprise: load moment limiter, turntable lock pin, boom backstop, hoist limit switch, access switch, anemometer, level gauge, hydraulic overflow valve, counterbalance valve, two-way hydraulic lock, slewing warning lamp and travel warning lamp, etc.

应急功能 / Emergency Function

系统程序崩溃时，可采用控制柜中的翘板开关把整机操作到安全状态。此时所有安全保护功能不起作用。

When a breakdown occurs in the system, a toggle switch on control panel may be used to control the whole machine into safe state, at this time all safe protections have no use.

安全保护开关 / Safe Protection Switch

该安全保护开关放在手柄前侧，此开关没有按下的时候，所有动作信号被屏蔽，手柄不起作用。防止上下车身体碰撞手柄产生误操作。

At the front of joystick installed a safe protection switch, when the switch is pressed down, all crane movement signals have been shielded, and the joystick is useless. This switch can be used to prevent malfunction when operator accessing the cabin and toughing the joystick.

力矩限制器 / Load Moment Indicator

采用赫斯曼力矩限制器，通过CAN总线与其他控制器组成总线网络，实现系统安全可靠的控制。力矩限制器能实时的检测起重机所负载荷及主起重臂、塔臂、超起桅杆所处角度、相关液压系统压力值，并能显示额定载荷、实际载荷、工作半径等相关参数。超起工况下显示各拉力传感器的利用率；同时如果检测到实际载荷超过额定载荷、起重臂超过极限角度等危险状态时，力矩限制器发出报警并限制当前动作。力矩限制器系统有大屏彩色显示器、主机、角度传感器、拉力传感器等组成。

The HIRSCHMANN load moment indicator (LMI) system has been designed to provide the crane operator with the essential information required to operate the machine within its design parameters. Using various sensing devices, the Load Moment Indicator monitors various crane function and provide the operator with a continuous reading of the crane's capacity. The readings continuously change as the crane moves through the motions needed to make the lift. The LMI provides the operator with information regarding the length and angle of the boom, tip height, working radius, rated load and the total calculated weight being lifted by the crane. If non permitted condition is approached, the Load Moment Indicator will warn the operator by sounding an audible alarm, lighting a warning light and locking out those functions that may aggravate the crane's condition.

示高灯 / Height Mark Lamp

安装在臂架顶部，作为高空警示。

Boom tip has a height mark lamp for high level operation warning.

详细介绍 Brief Introduction

主、副提升过卷装置 Main/Auxiliary Winch Over-Wound Protection Device

当主、副卷扬上升到一定高度时候，将通过显示器及蜂鸣器进行声光报警，同时力矩限制器自动停止起升动作。

When main/auxiliary winch hoists up to a certain lifting height, an over-wound warning lamp on instrument panel lights on, at the same time, load moment limiter stops crane hoisting up operation.

主、副提升过放装置 Main/Auxiliary Winch Over-Release Protection Device

此保护功能由安装在卷筒上的开关进行检测，当卷筒上的钢丝绳剩下三圈时候，将通过显示器及蜂鸣器进行声光报警，同时力矩限制器自动停止下降动作。

When access switch in winch drum detects only three turns of wire rope left on the drum, an over-release warning lamp on instrument panel lights on, at the same time, load moment limiter stops crane hoisting down operation.

棘爪锁止装置 / Winch Ratchet Locking Device

该功能用于锁定变幅卷扬，起重臂降落的时候必须打开该装置，否则不能降落，用于保护臂架在非工作时安全停放。当锁止时通过显示屏进行显示，以提示棘轮处于锁止状态。

Winch drum has a ratchet locking device, and it must be turned on when lowering boom, otherwise boom cannot be lowered. The device is used to stow the boom for safety.

起重臂角度限制 / Boom Angle Limit

主起重臂仰角在85°时，起重臂被停止起升，由力矩限制器和行程开关双级控制。主起重臂在仰角小于30°时停止起重臂降落，由力矩限制器控制。塔臂由限位开关控制上限位和下限位。

When boom angle is more than 85°, both load moment limiter and hoist limit switch stop boom raising. When boom angle is less than 30°, load moment limiter stops boom lowering and give a sound warning. The hoist limit switch may control the tower jib upper/lower limit position.

监控系统 / Monitor System

由4个摄像头和2个监视器组成，分别监视卷扬系统和车辆后方状况。

The monitor system contains 4 cameras and 2 monitor display, respectively keeping watch on winch system and rear working condition.

电子水平仪 / Electronic Level Gauge

装置在转台内部，通过显示器实时显示整车的水平度。

The level gauge is installed inside turntable for real-time display of overall level of the crane.

照明灯 / Illumination Lamp

装置在转台前方、臂架上和操纵室内，用于夜间工作提供照明。

There are illumination lamps at front of turntable, on boom and inside operator's cabin for night operation.

三色力矩报警灯 / Tricolor Warning Lamp

由三种颜色组成，负载在90%以下时“绿灯”亮，表示起重机在安全区域运行，负载在90%-100%的时候“黄灯”亮，表示起重机在已接近额定载荷范围，负载在100%-105%以上时“红灯”和“黄灯”同时亮，表示起重机已经超载。在危险区域，控制系统自动切断起重机向危险的方向运行。

The lamp comprises 3 colors, when crane loading is below 90% of total rated lifting load, "Green Lamp" lights on to indicate crane is running in safety area; when crane loading is in 90%~100% of total rated lifting load, "Yellow Lamp" lights on to indicate crane is close to total rated lifting load; when crane loading is above 100%~105% of total rated lifting load, "Red Lamp" and "Yellow Lamp" light on at the same time to indicate crane is overload; In dangerous area, control system can automatically cut off crane movement to dangerous direction.

风速仪 / Anemometer

实时检测当前风速，传送到操纵室的显示屏上，提醒司机操作的安全性。

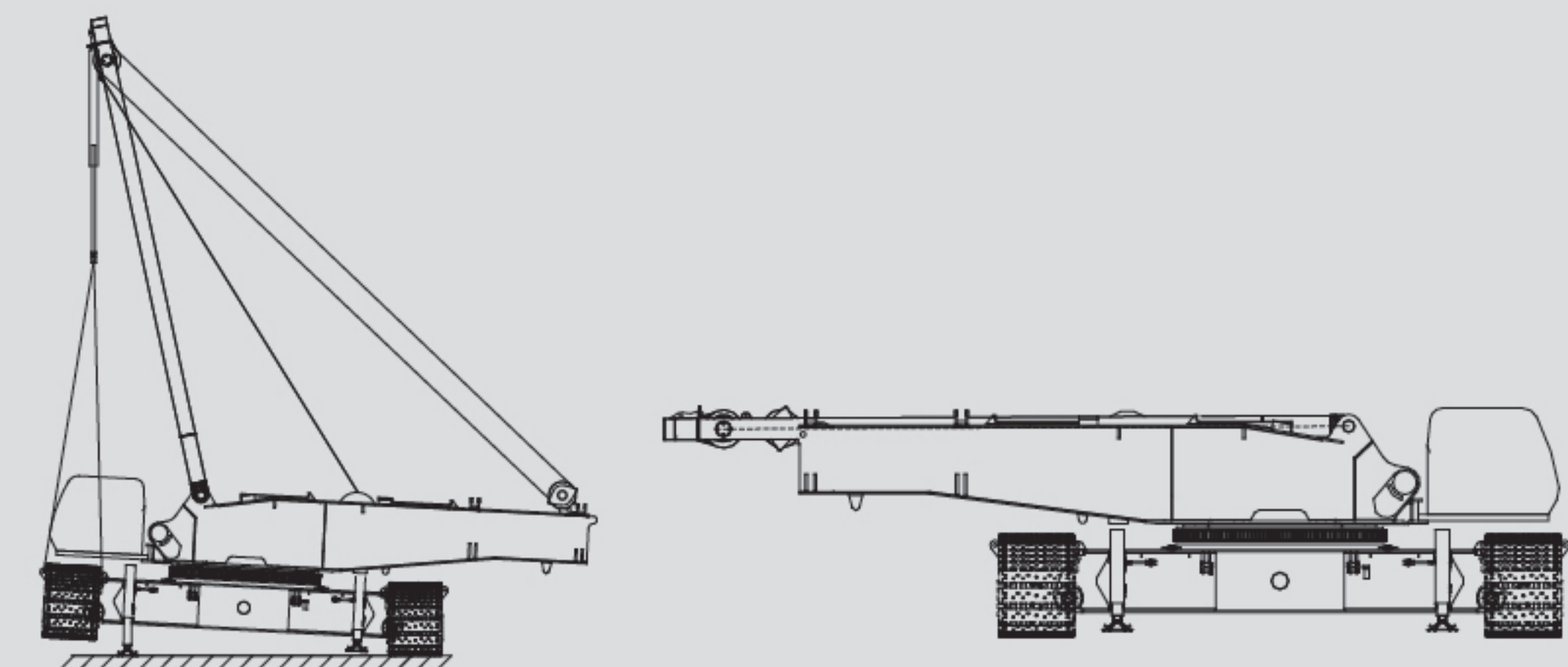
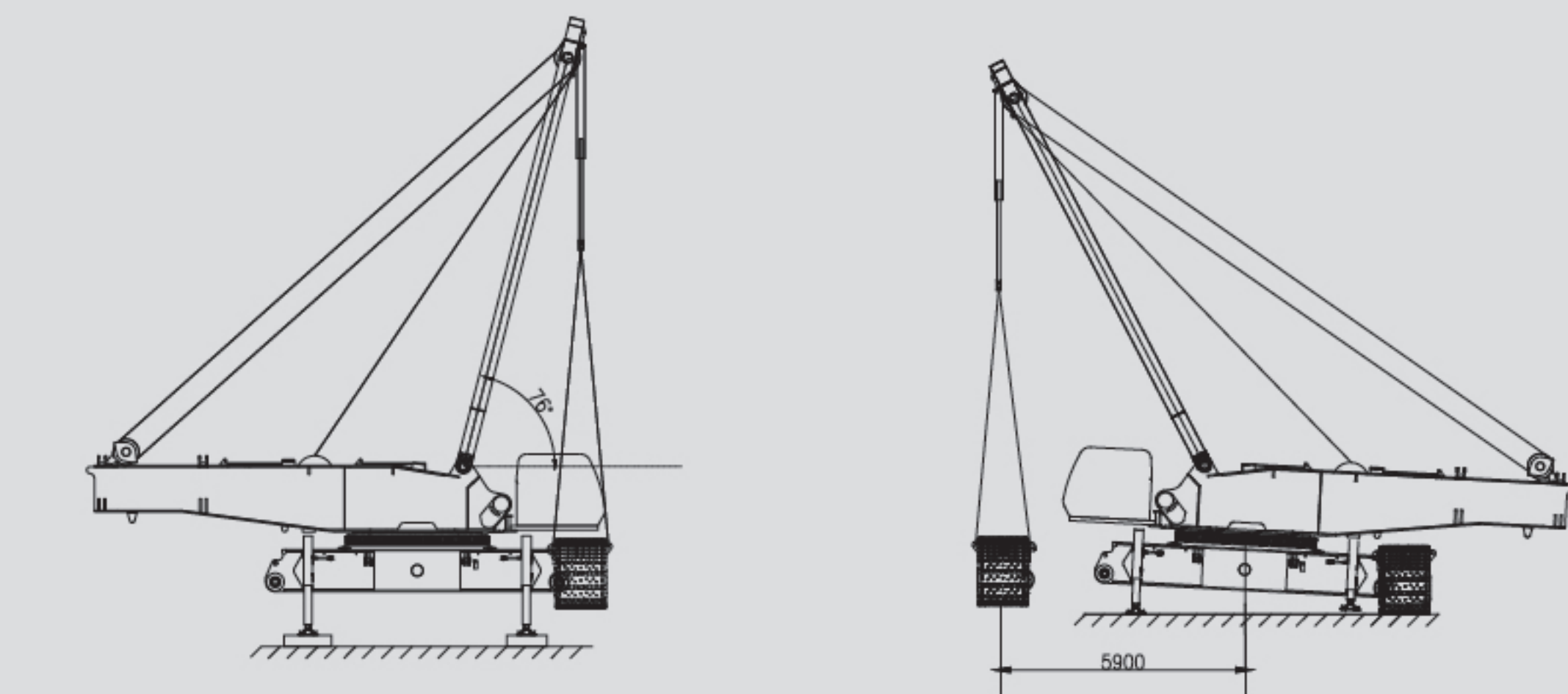
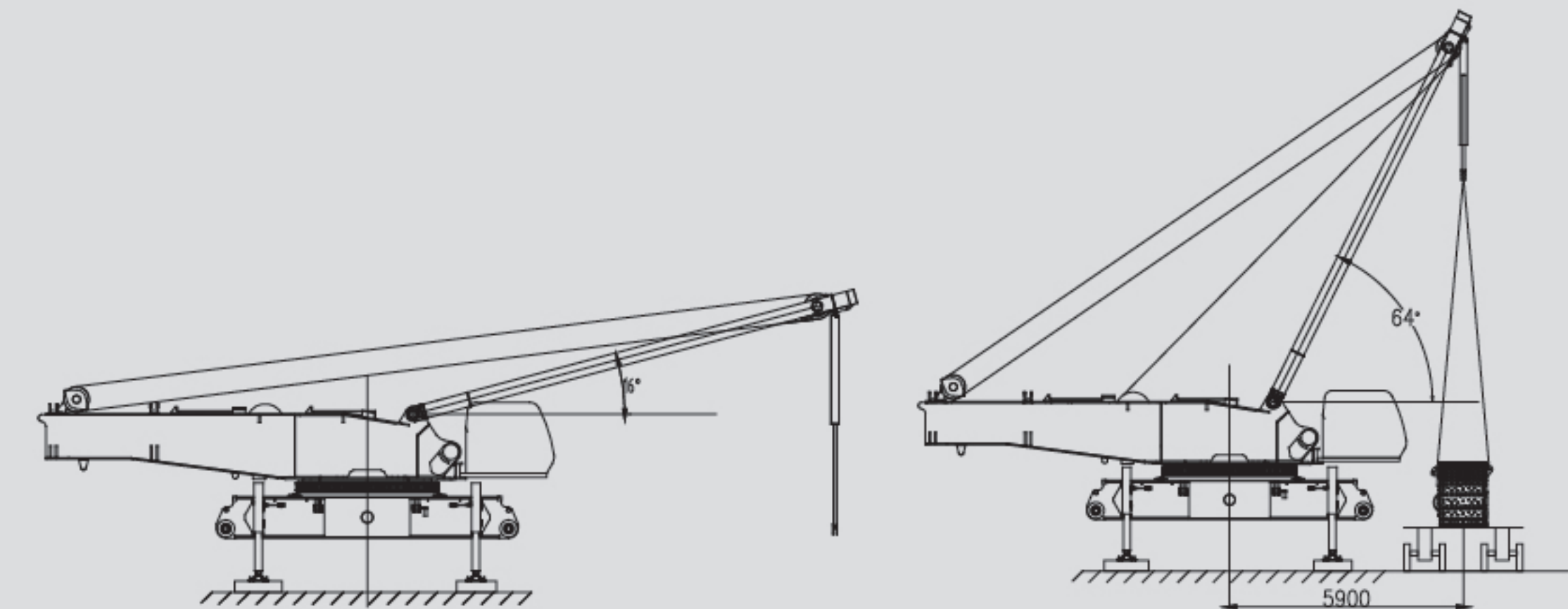
Anemometer at boom head can detect current wind speed and send wind signal to a monitor in operator's cabin to alert operator for safety.

声光报警器 / Audio/Video Warning

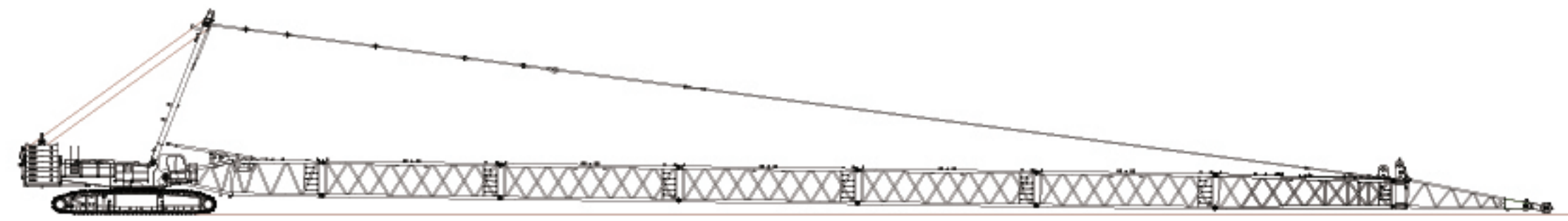
在履带起重机移动或做回转动作的时候灯闪烁并且发出声音报警。

When crawler crane is moving and slewing, there is light and sound for warning.

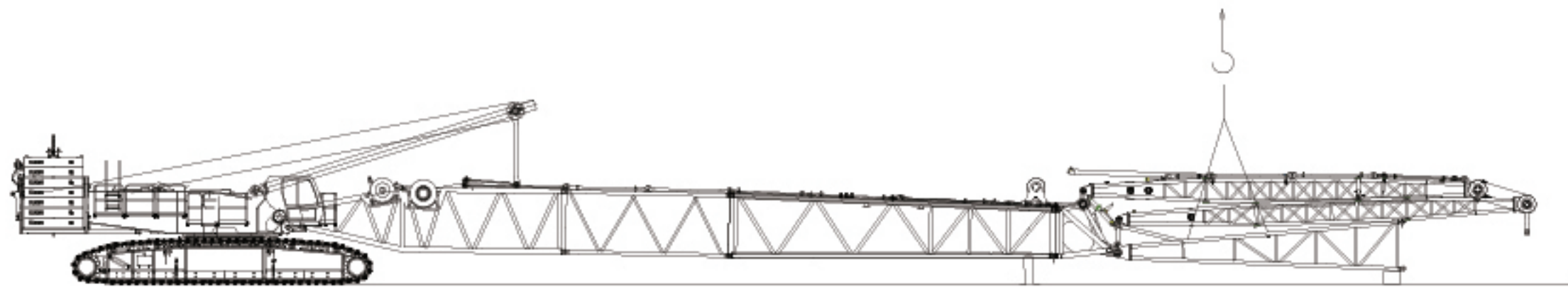
自装拆 Self-Assembly/Disassembly



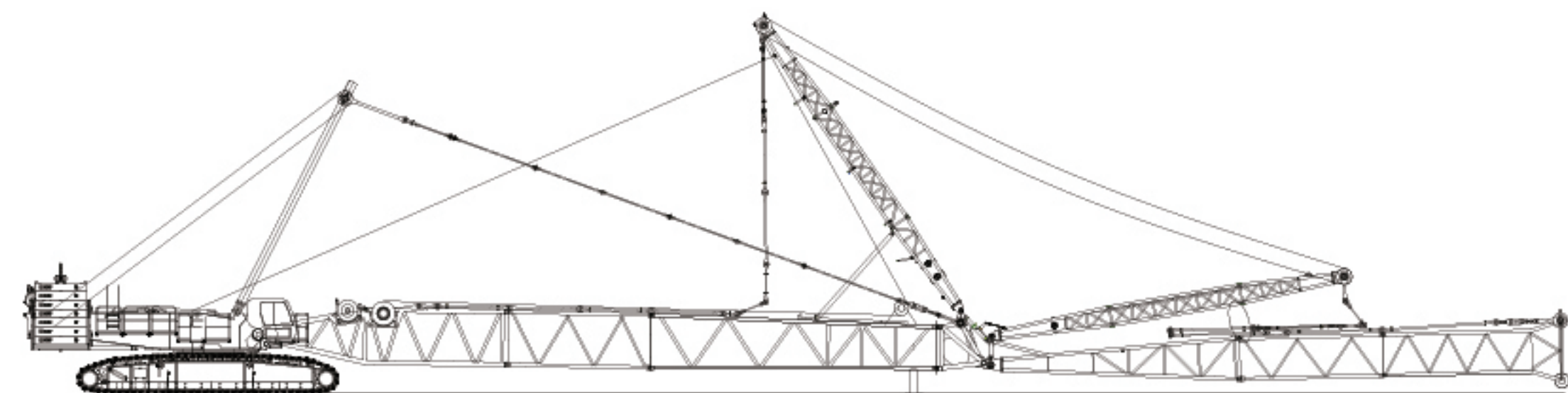
风电臂安装示意图
Boom Point For Wind Power Installation Illustration



塔式副臂安装示意图
Tower jib installation illustration



塔式副臂安装示意图
Tower jib installation illustration



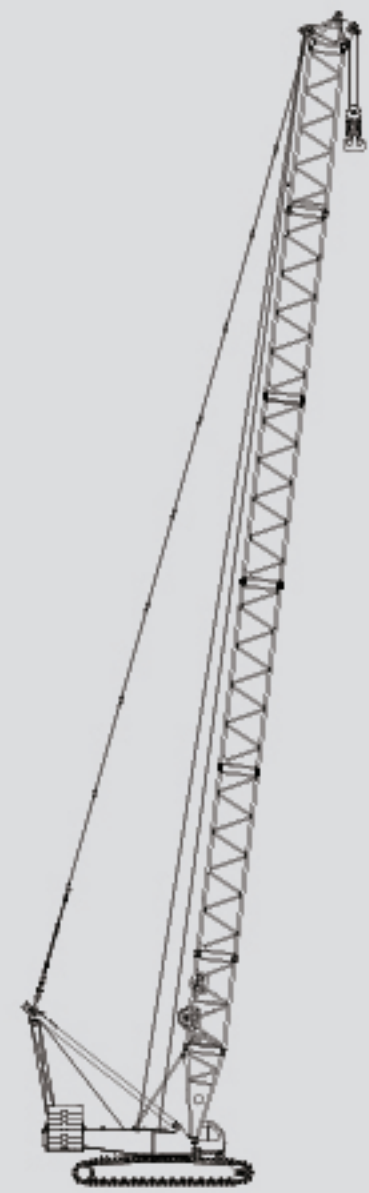
12

XGC500履带起重机 XGC500 CRAWLER CRANE

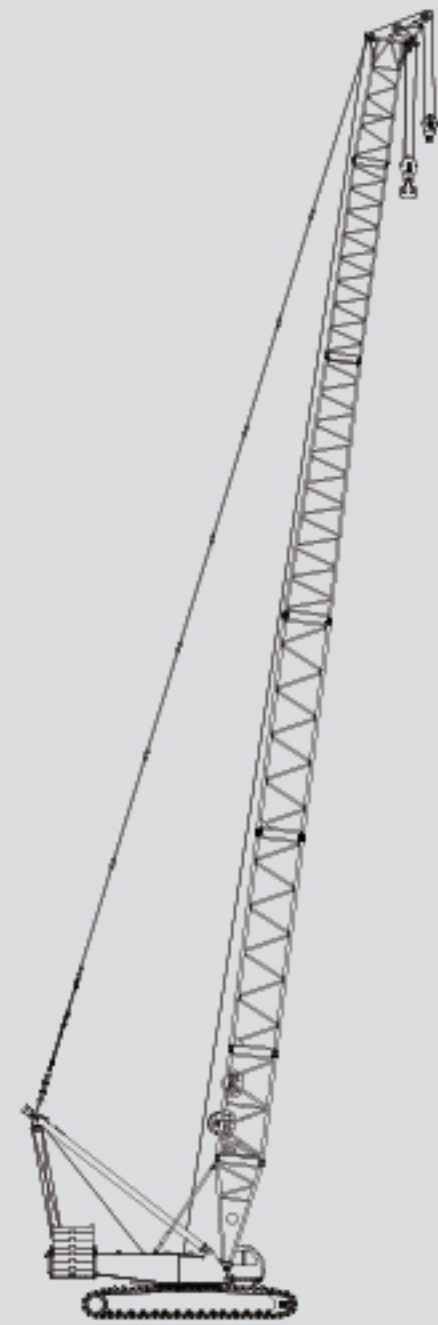
- P13-P14 工况示意图
Working Mode Illustration
- P15-P15 标准工况重型主臂臂节组合/重型主臂
Standard Mode Heavy Boom Combinations/Heavy Boom
- P16-P16 标准工况重型主臂作业范围
Standard Mode Heavy Boom Working Area
- P17-P17 标准工况重型主臂起重性能表
Standard Mode Heavy Boom Lifting Load Chart
- P18-P18 标准工况轻型主臂臂节组合/轻型主臂
Standard Mode Light Boom Combinations/Light Boom
- P19-P19 标准工况轻型主臂作业范围
Standard Mode Light Boom Working Area
- P20-P20 标准工况轻型主臂起重性能表
Standard Mode Light Boom Lifting Load Chart
- P21-P21 标准工况塔式副臂臂节组合/塔式副臂
Standard Mode Tower Jib Combinations/Tower Jib
- P22-P22 标准工况塔式副臂作业范围
Standard Mode Tower Jib Working Area
- P23-P30 标准工况塔式副臂性能表
Standard Mode Tower Jib Lifting Load Chart
- P31-P31 标准工况风电副臂臂节组合/风电副臂
Standard Mode Boom Point For Wind Power Combinations
- P32-P32 标准工况风电副臂作业范围
Standard Mode Boom Point For Wind Power Working Area
- P33-P33 标准工况风电副臂起重性能表
Standard Mode Boom Point For Wind Power Lifting Load Chart

标准工况

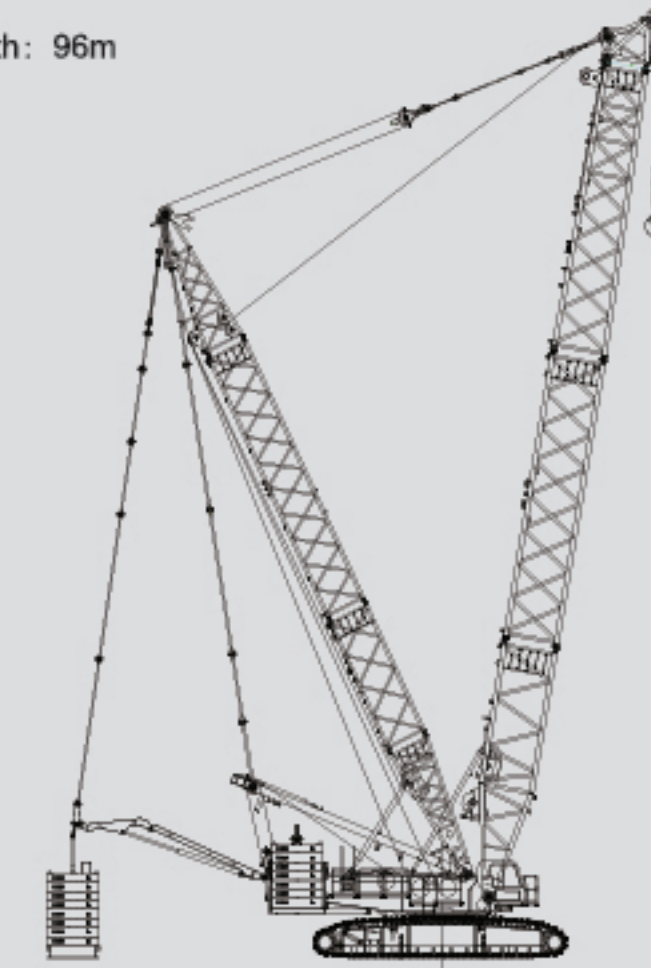
重型主臂
Heavy Boom
最大臂长
Max. boom length: 90m



轻型主臂
Light Boom
最大臂长
Max. boom length: 108m



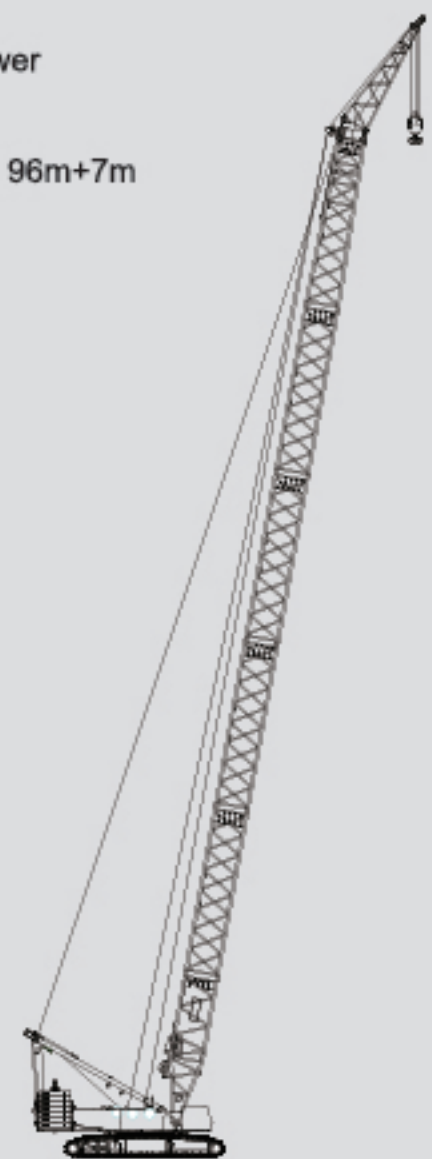
超起重型主臂
SL Mode Heavy Boom
最大臂长
Max. boom length: 96m



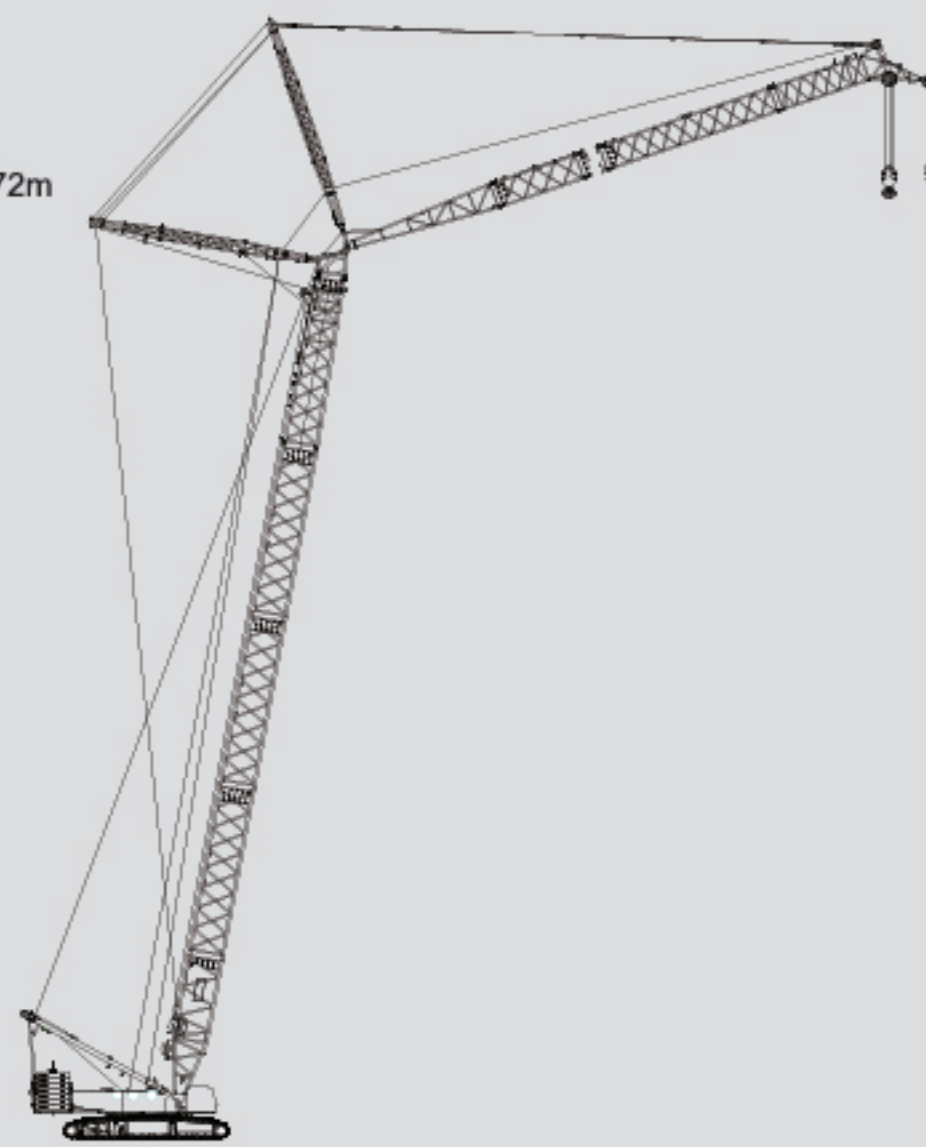
超起轻型主臂
SL Mode Light Boom
最大臂长
Max. boom length: 126m



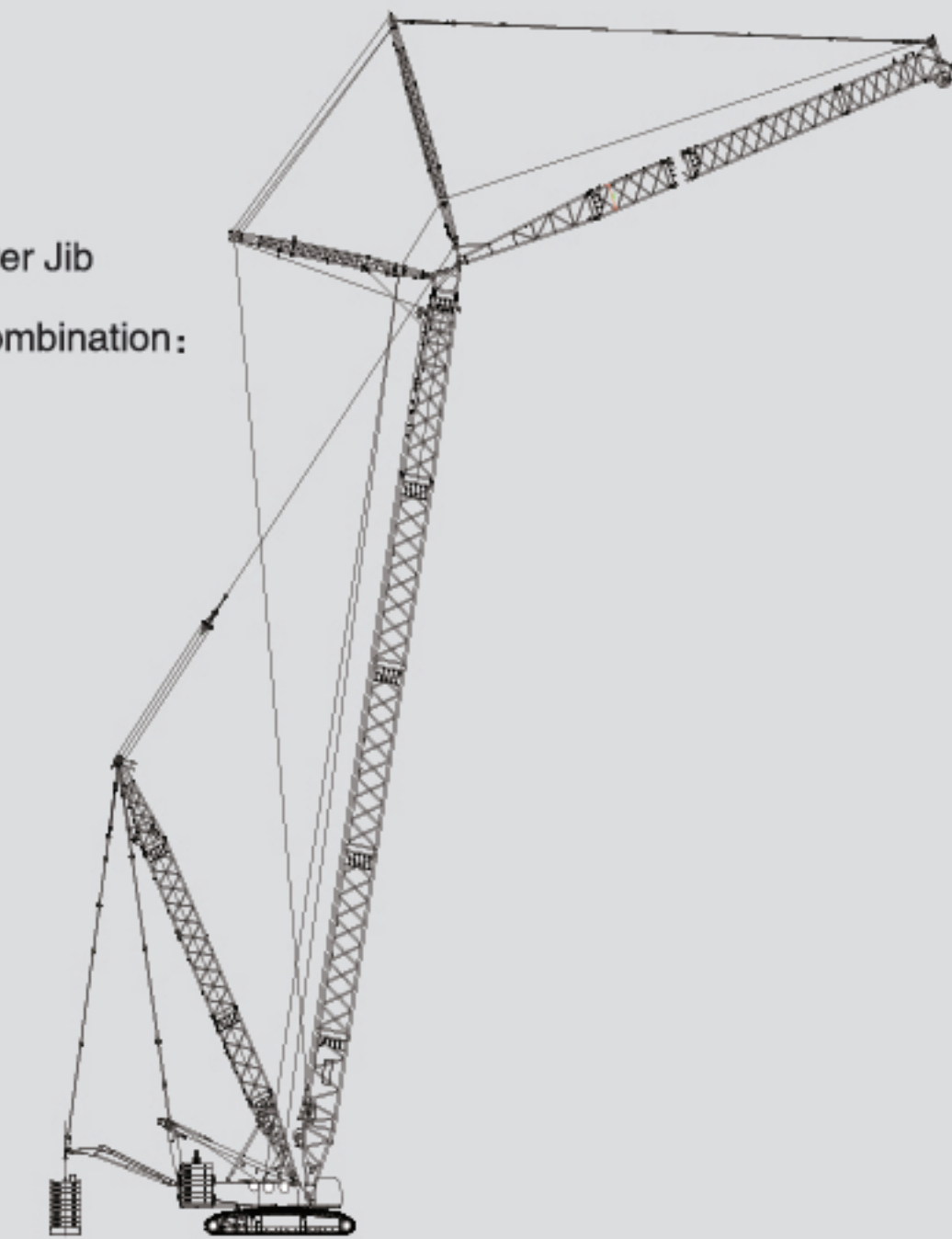
风电臂
Boom Point For Wind Power
最大臂长组合
Max. boom combination: 96m+7m



塔式副臂
Tower Jib
最大臂长组合
Max. boom combination: 72m+72m



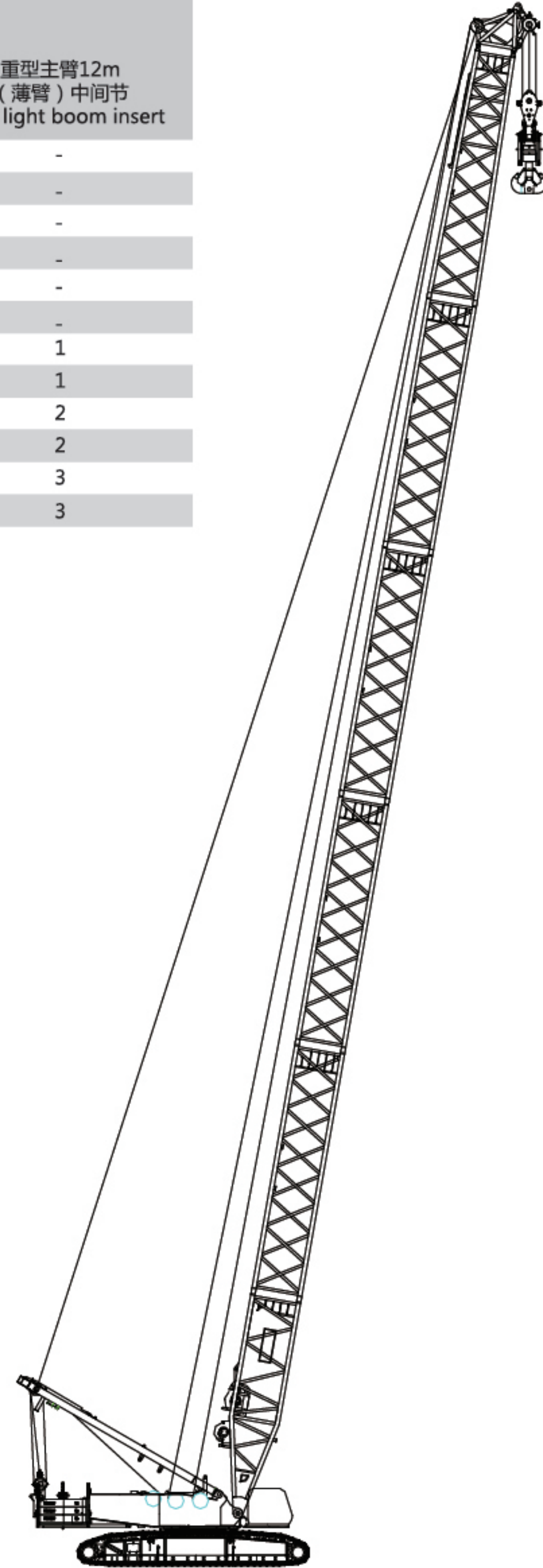
超起塔式副臂
SL Mode Tower Jib
最大臂长组合
Max. boom combination: 84m+84m



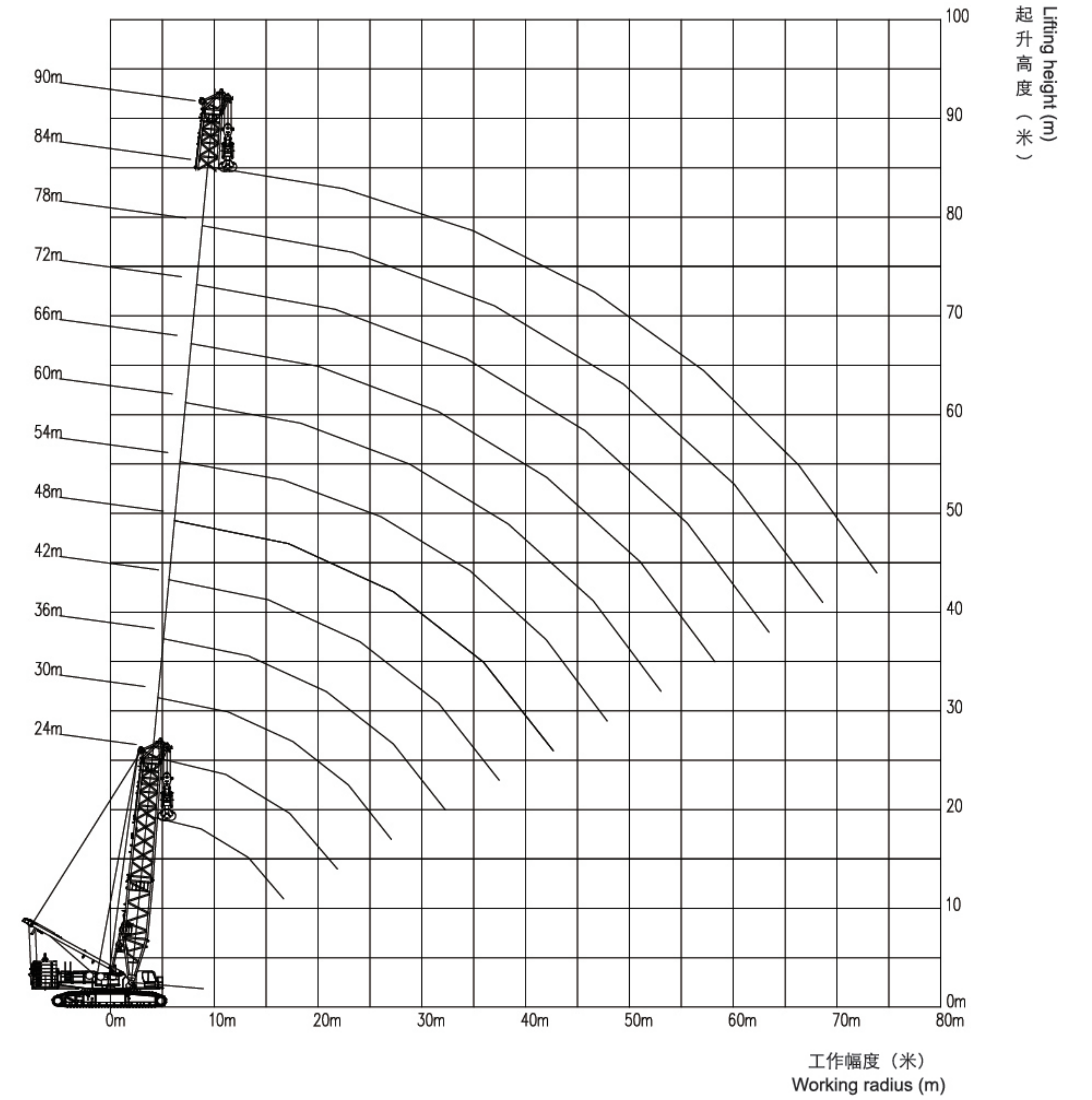
超起零配重风电臂
SL Mode Boom Point For Wind Power
最大臂长组合
Max. boom length: 108m+7m



| 臂长 Boom length (m) | 中间臂节 Boom insert | | |
|--------------------------|---------------------------------|--|--|
| | 重型主臂6m 中间节 6m boom insert | 重型主臂12m (厚臂) 中间节 12m heavy boom insert | 重型主臂12m (薄臂) 中间节 12m light boom insert |
| 24 | - | - | - |
| 30 | 1 | - | - |
| 36 | - | 1 | - |
| 42 | 1 | 1 | - |
| 48 | - | 2 | - |
| 54 | 1 | 2 | - |
| 60 | - | 2 | 1 |
| 66 | 1 | 2 | 1 |
| 72 | - | 2 | 2 |
| 78 | 1 | 2 | 2 |
| 84 | - | 2 | 3 |
| 90 | 1 | 2 | 3 |



标准工况重型主臂作业范围
Standard Mode Heavy Boom Working Area



标准工况重型主臂起重性能表
Standard Mode Heavy
Boom Lifting Load Chart

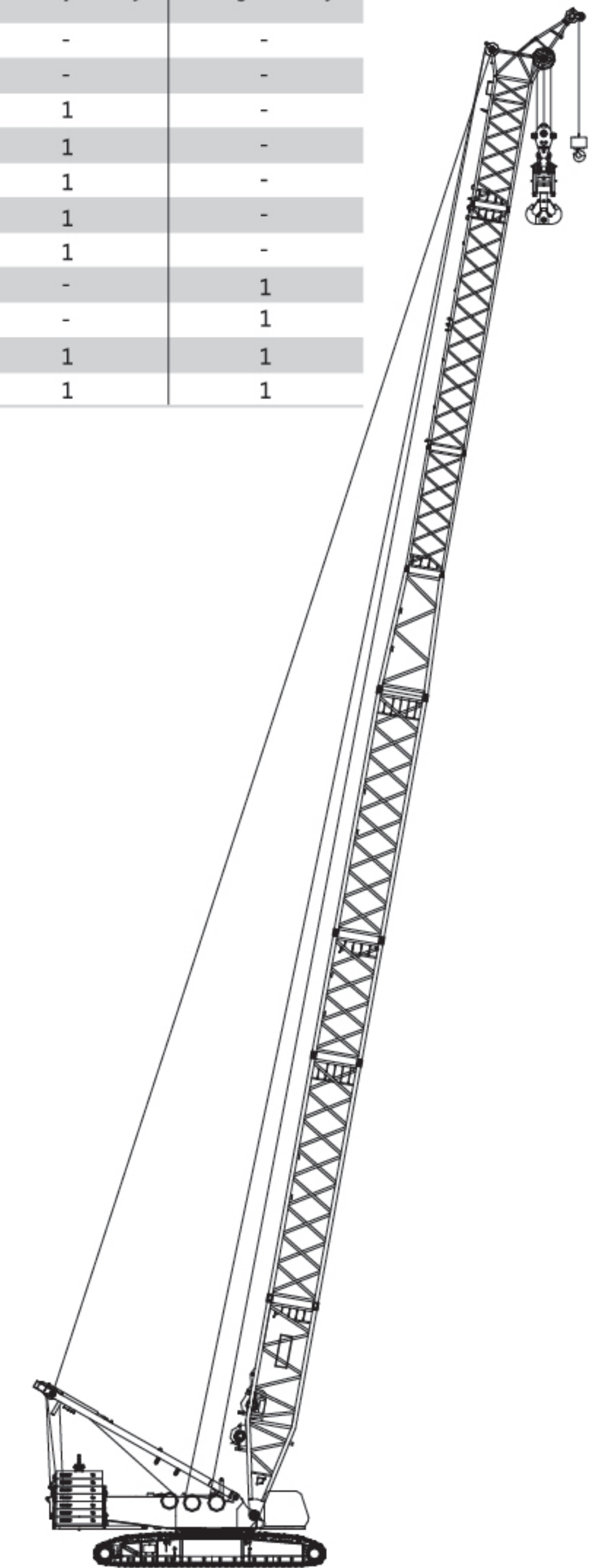
160t转台平衡重+40t车身平衡重

160t turntable ballast + 40t car-body ballast

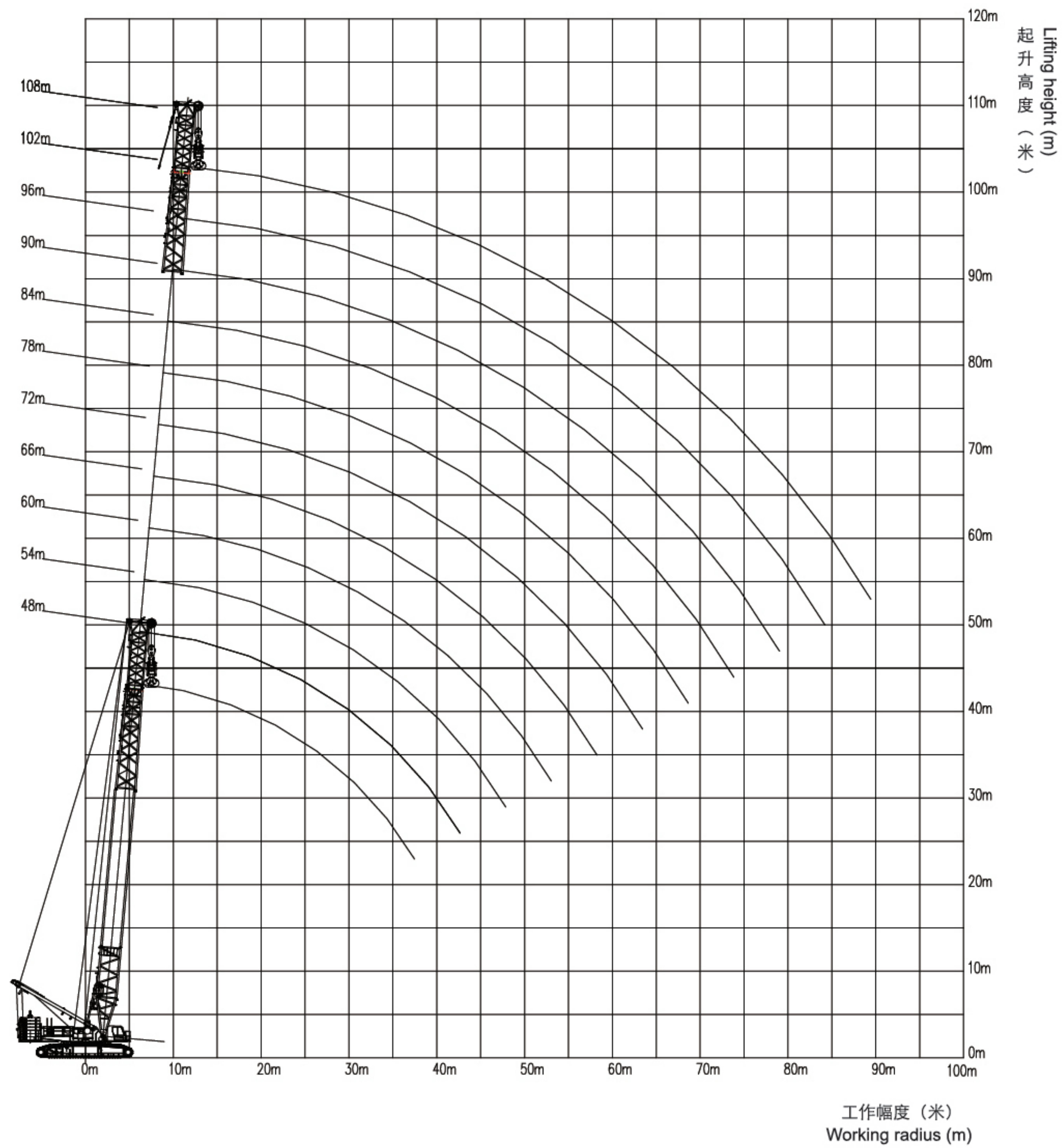
| 幅度 Radius (m) | 臂长 Boom length (m) | | | | | | | | | | | | 幅度 Radius (m) |
|---------------|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------|
| | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | |
| 6 | 450 | | | | | | | | | | | | 6 |
| 7 | 400 | 380 | 378 | | | | | | | | | | 7 |
| 8 | 360 | 360 | 363 | 373 | | | | | | | | | 8 |
| 9 | 330 | 323 | 328 | 326 | 321 | 315 | | | | | | | 9 |
| 10 | 274 | 273 | 272 | 271 | 270 | 269 | 264 | 238 | | | | | 10 |
| 11 | 239 | 237 | 236 | 235 | 234 | 233 | 233 | 217 | 196 | | | | 11 |
| 12 | 203 | 201 | 200 | 199 | 198 | 197 | 197 | 196 | 193 | 166 | 143 | | 12 |
| 14 | 163 | 162 | 157 | 156 | 155 | 154 | 154 | 153 | 152 | 152 | 140 | 116 | 14 |
| 16 | 135 | 134 | 134 | 129 | 128 | 126 | 125 | 124 | 124 | 123 | 123 | 112 | 16 |
| 18 | 112 | 111 | 111 | 111 | 110 | 105 | 104 | 104 | 103 | 103 | 102 | 102 | 18 |
| 20 | 99 | 98 | 97 | 94 | 93 | 93 | 92 | 89 | 88 | 87 | 87 | 85 | 20 |
| 22 | 87 | 84 | 84 | 82 | 82 | 81 | 79 | 77 | 76 | 75 | 75 | 74 | 22 |
| 24 | | 74 | 74 | 72 | 71 | 71 | 71 | 70 | 66 | 66 | 65 | 64 | 24 |
| 26 | | 67 | 66 | 64 | 63 | 63 | 63 | 61 | 58 | 58 | 57 | 57 | 26 |
| 28 | | 62 | 61 | 58 | 57 | 56 | 56 | 55 | 52 | 51 | 51 | 49 | 28 |
| 30 | | | 56 | 53 | 51 | 51 | 51 | 51 | 48 | 47 | 45 | 44 | 30 |
| 34 | | | | 46 | 44 | 43 | 43 | 41 | 41 | 40 | 36 | 35 | 34 |
| 38 | | | | 38 | 37 | 37 | 36 | 34 | 34 | 33 | 29 | 29 | 38 |
| 42 | | | | | 32 | 30 | 30 | 29 | 28 | 26 | 24 | 22 | 42 |
| 46 | | | | | | 26 | 25 | 25 | 23 | 21 | 19 | 18 | 46 |
| 50 | | | | | | | 20 | 20 | 19 | 17 | 15 | 15 | 50 |
| 54 | | | | | | | 17 | 16 | 15 | 13 | 12 | 12 | 54 |
| 58 | | | | | | | | 13 | 12 | 11 | 10 | 9 | 58 |
| 62 | | | | | | | | | 10 | 9 | 7 | | 62 |
| 65 | | | | | | | | | | 7 | | | 65 |

标准工况轻型主臂臂节组合/轻型主臂
Standard Mode Light Boom Combinations/Light Boom

| 臂长 Boom length (m) | 中间臂节 Boom insert | | | | | |
|--------------------|---------------------------|--|--|-----------------------|------------------------------------|------------------------------------|
| | 重型主臂6m 中间节 6m boom insert | 重型主臂12m (厚臂) 中间节 12m heavy boom insert | 重型主臂12m (薄臂) 中间节 12m light boom insert | 塔臂6m 中间节 6m tower jib | 塔臂12m (厚臂) 中间节 12m heavy tower jib | 塔臂12m (薄臂) 中间节 12m light tower jib |
| 48 | - | 2 | - | - | - | - |
| 54 | - | 2 | - | 1 | - | - |
| 60 | - | 2 | - | - | 1 | - |
| 66 | 1 | 2 | - | - | 1 | - |
| 72 | 1 | 2 | - | 1 | 1 | - |
| 78 | - | 2 | 1 | 1 | 1 | - |
| 84 | 1 | 2 | 1 | 1 | 1 | - |
| 90 | 1 | 2 | 1 | 2 | - | 1 |
| 96 | - | 2 | 2 | 2 | - | 1 |
| 102 | - | 2 | 2 | 1 | 1 | 1 |
| 108 | - | 2 | 2 | 2 | 1 | 1 |



标准工况轻型主臂作业范围
Standard Mode Light Boom Working Area



标准工况轻型主臂起重性能表
Standard Mode Light Boom Lifting Load Chart

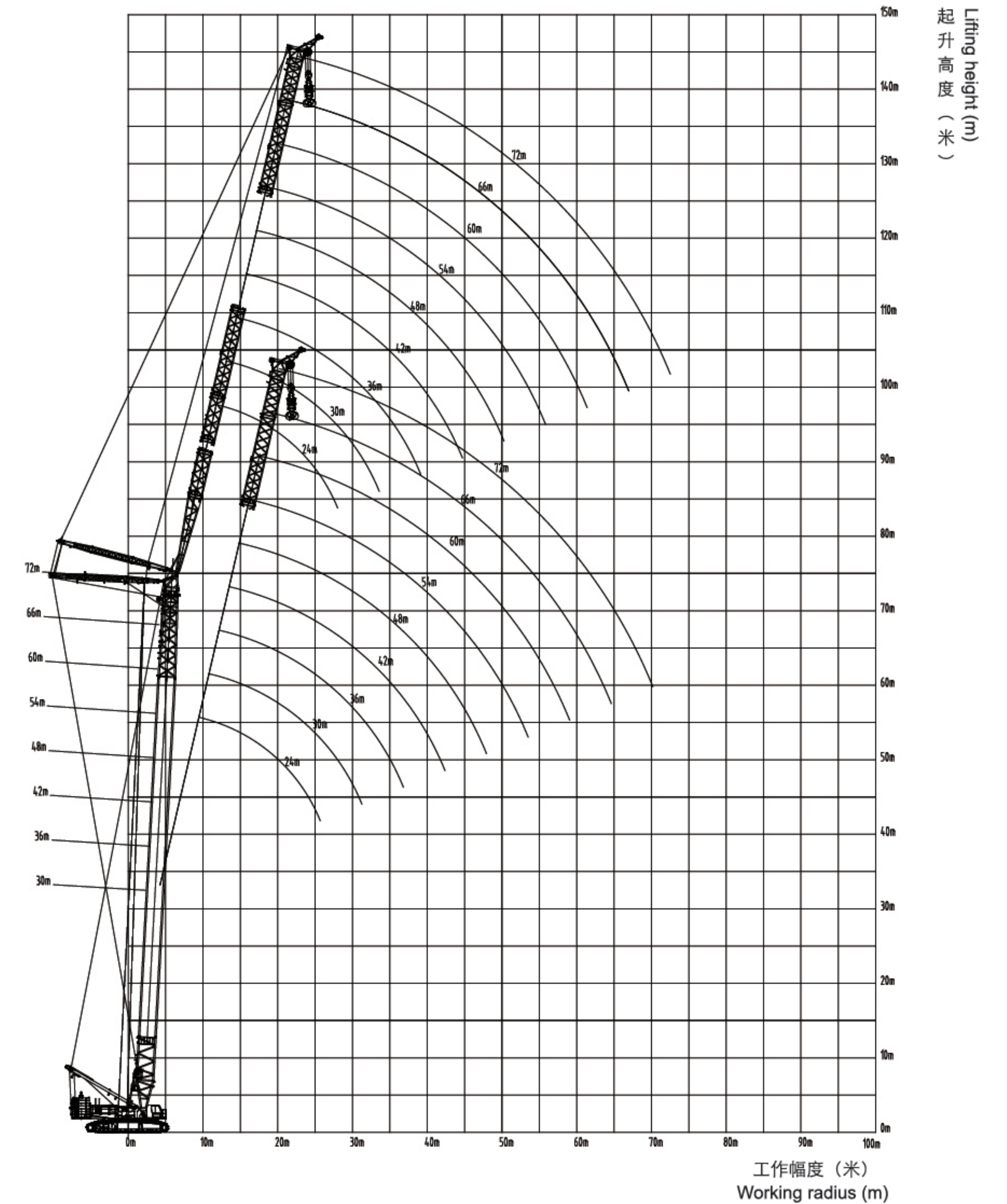
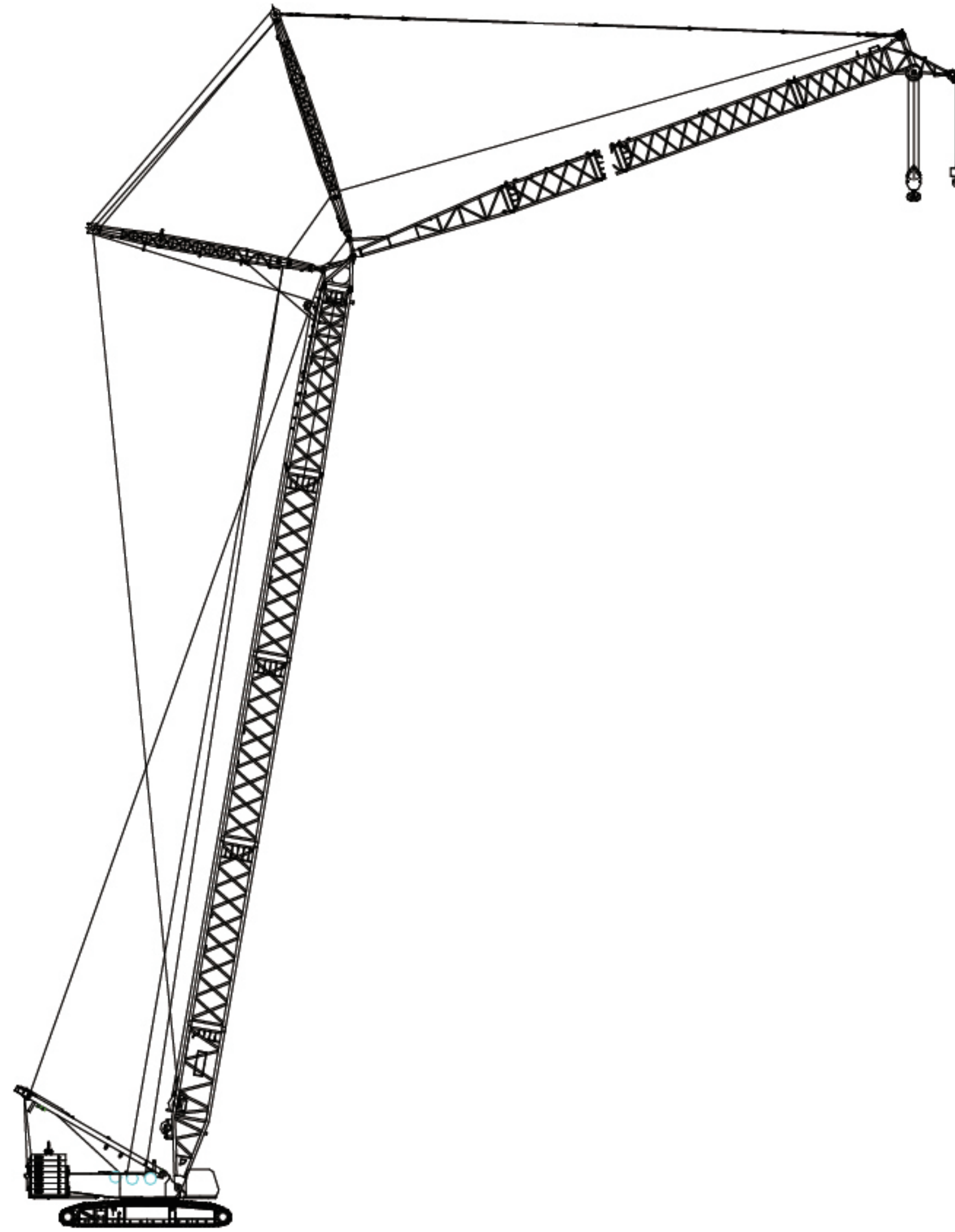
160t转台平衡重+40t车身平衡重
160t turntable ballast+40t car-body ballast

| 幅度 Radius (m) | 臂长 Boom length (m) | | | | | | | | | | | 幅度 Radius (m) |
|---------------|--------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|---------------|
| | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | 102 | 108 | |
| 8 | 230 | | | | | | | | | | | 8 |
| 9 | 230 | 230 | 230 | | | | | | | | | 9 |
| 10 | 230 | 223 | 218 | 177 | | | | | | | | 10 |
| 11 | 230 | 210 | 204 | 169 | 158 | 138 | | | | | | 11 |
| 12 | 202 | 198 | 190 | 161 | 153 | 134 | 114 | 100 | | | | 12 |
| 13 | 181 | 179 | 174 | 153 | 148 | 130 | 113 | 99 | 88 | | | 13 |
| 14 | 159 | 159 | 158 | 145 | 143 | 125 | 111 | 98 | 87 | 74 | 54 | 14 |
| 16 | 130 | 130 | 129 | 129 | 128 | 117 | 107 | 95 | 84 | 71 | 52 | 16 |
| 18 | 110 | 109 | 108 | 108 | 107 | 107 | 104 | 92 | 82 | 69 | 49 | 18 |
| 20 | 95 | 94 | 93 | 93 | 92 | 91 | 91 | 89 | 79 | 66 | 47 | 20 |
| 22 | 83 | 82 | 81 | 81 | 80 | 79 | 79 | 79 | 76 | 64 | 45 | 22 |
| 24 | 73 | 73 | 71 | 71 | 70 | 70 | 69 | 69 | 69 | 62 | 43 | 24 |
| 26 | 65 | 65 | 64 | 63 | 62 | 62 | 61 | 61 | 61 | 60 | 41 | 26 |
| 28 | 59 | 58 | 57 | 57 | 56 | 55 | 55 | 55 | 54 | 54 | 39 | 28 |
| 30 | 53 | 53 | 52 | 51 | 50 | 50 | 49 | 49 | 49 | 49 | 38 | 30 |
| 34 | 45 | 44 | 43 | 42 | 42 | 41 | 40 | 40 | 40 | 40 | 35 | 34 |
| 38 | 38 | 38 | 36 | 36 | 35 | 34 | 34 | 33 | 33 | 33 | 32 | 38 |
| 42 | 33 | 32 | 31 | 30 | 30 | 29 | 28 | 28 | 28 | 28 | 27 | 42 |
| 46 | | 28 | 27 | 26 | 25 | 25 | 24 | 23 | 23 | 23 | 22 | 46 |
| 50 | | | 24 | 23 | 22 | 21 | 20 | 20 | 19 | 19 | 18 | 50 |
| 54 | | | | 20 | 19 | 18 | 17 | 17 | 16 | 16 | 15 | 54 |
| 58 | | | | | 18 | 16 | 15 | 14 | 14 | 14 | 13 | 58 |
| 62 | | | | | | 14 | 13 | 12 | 12 | 11 | 11 | 62 |
| 66 | | | | | | | 11 | 10 | 10 | 9 | 9 | 66 |
| 70 | | | | | | | | 10 | 9 | 8 | 8 | 70 |
| 74 | | | | | | | | | 7 | 7 | 6 | 74 |
| 78 | | | | | | | | | | 6 | 4 | 78 |
| 79 | | | | | | | | | | | 3 | 79 |

标准工况塔式副臂
臂节组合/塔式副臂
Standard Mode Tower Jib
Combinations/Tower Jib

标准工况塔式副臂作业范围
Standard Mode Tower Jib Working Area

| 臂长 Boom length (m) | 中间臂节 Boom insert | | | 主臂长度和角度 Boom length & angle |
|--------------------------|-----------------------------|--|--|---|
| | 塔臂6m 中间节 6m tower jib | 塔臂12m (厚臂) 中间节 12m heavy tower jib | 塔臂12m (薄臂) 中间节 12m light tower jib | |
| 24 | 1 | - | - | 24m ~ 72m 87° 85° 75° 65° 主臂长度大于60m时不能自掀起。 |
| 30 | 2 | - | - | |
| 36 | 1 | 1 | - | |
| 42 | 2 | 1 | - | |
| 48 | 3 | 1 | - | |
| 54 | 2 | 1 | 1 | |
| 60 | 3 | 1 | 1 | |
| 66 | 2 | 1 | 2 | |
| 72 | 3 | 1 | 2 | |



标准工况塔式副臂性能表
Standard Mode Tower
Jib Lifting Load Chart

160t转台平衡重+40t车身平衡重

160t turntable ballast+40t car-body ballast

| 主臂长度 Boom length (m) | 主臂30米 Boom Length 30m | | | | | | | | | 主臂长度 Boom length (m) | |
|----------------------------|---------------------------------|-----|-----|-----|-----|----|----|----|----|----------------------------|----|
| | 塔臂长度 Tower jib Length (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | | 72 |
| 幅度 Radius (m) | 主臂角度 Boom Angle 87° | | | | | | | | | 幅度 Radius (m) | |
| 12 | 216 | | | | | | | | | | 12 |
| 13 | 192 | 187 | | | | | | | | | 13 |
| 14 | 171 | 170 | 158 | | | | | | | | 14 |
| 15 | 155 | 154 | 154 | | | | | | | | 15 |
| 16 | 142 | 141 | 140 | 132 | | | | | | | 16 |
| 17 | 130 | 129 | 129 | 128 | 112 | | | | | | 17 |
| 18 | 120 | 119 | 119 | 118 | 110 | | | | | | 18 |
| 19 | 112 | 111 | 110 | 110 | 109 | 94 | | | | | 19 |
| 20 | 104 | 103 | 103 | 103 | 102 | 93 | 78 | | | | 20 |
| 22 | 92 | 91 | 90 | 90 | 89 | 89 | 77 | 66 | | | 22 |
| 24 | 82 | 81 | 80 | 80 | 79 | 79 | 76 | 65 | 54 | | 24 |
| 26 | 74 | 73 | 72 | 72 | 71 | 71 | 70 | 64 | 54 | | 26 |
| 28 | | 66 | 66 | 65 | 64 | 64 | 64 | 63 | 54 | | 28 |
| 30 | | 60 | 60 | 59 | 58 | 58 | 58 | 58 | 53 | | 30 |
| 32 | | 55 | 55 | 54 | 54 | 53 | 53 | 53 | 52 | | 32 |
| 34 | | | 51 | 50 | 49 | 49 | 49 | 48 | 48 | | 34 |
| 36 | | | 47 | 47 | 46 | 45 | 45 | 45 | 44 | | 36 |
| 38 | | | 44 | 43 | 42 | 42 | 42 | 41 | 41 | | 38 |
| 40 | | | | 40 | 39 | 39 | 39 | 38 | 38 | | 40 |
| 42 | | | | 38 | 37 | 37 | 36 | 36 | 35 | | 42 |
| 44 | | | | 36 | 35 | 34 | 34 | 34 | 33 | | 44 |
| 46 | | | | | 33 | 32 | 32 | 31 | 31 | | 46 |
| 48 | | | | | 31 | 30 | 30 | 29 | 29 | | 48 |
| 50 | | | | | 29 | 28 | 28 | 28 | 27 | | 50 |
| 54 | | | | | | 26 | 25 | 25 | 24 | | 54 |
| 58 | | | | | | | 22 | 22 | 21 | | 58 |
| 62 | | | | | | | 20 | 20 | 19 | | 62 |
| 66 | | | | | | | | 18 | 17 | | 66 |
| 70 | | | | | | | | | 15 | | 70 |

160t转台平衡重+40t车身平衡重

160t turntable ballast+40t car-body ballast

| 主臂长度 Boom length (m) | 主臂36米 Boom Length 36m | | | | | | | | | 主臂长度 Boom length (m) | |
|----------------------------|---------------------------------|-----|-----|-----|----|----|----|----|----|----------------------------|----|
| | 塔臂长度 Tower jib Length (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | | 72 |
| 幅度 Radius (m) | 主臂角度 Boom Angle 87° | | | | | | | | | 幅度 Radius (m) | |
| 12 | 195 | | | | | | | | | | 12 |
| 13 | 189 | 166 | | | | | | | | | 13 |
| 14 | 171 | 162 | | | | | | | | | 14 |
| 15 | 155 | 154 | 138 | | | | | | | | 15 |
| 16 | 141 | 140 | 135 | 117 | | | | | | | 16 |
| 17 | 130 | 129 | 128 | 116 | | | | | | | 17 |
| 18 | 119 | 118 | 118 | 114 | 99 | | | | | | 18 |
| 19 | 111 | 110 | 110 | 109 | 98 | 85 | | | | | 19 |
| 20 | 104 | 103 | 103 | 102 | 97 | 84 | 72 | | | | 20 |
| 22 | 91 | 90 | 90 | 90 | 89 | 82 | 70 | 60 | | | 22 |
| 24 | 81 | 80 | 80 | 80 | 79 | 78 | 69 | 59 | 51 | | 24 |
| 26 | 73 | 72 | 72 | 72 | 71 | 70 | 68 | 58 | 50 | | 26 |
| 28 | | 66 | 65 | 65 | 64 | 64 | 63 | 57 | 49 | | 28 |
| 30 | | 60 | 59 | 59 | 58 | 58 | 57 | 55 | 48 | | 30 |
| 32 | | 55 | 55 | 54 | 53 | 53 | 53 | 52 | 47 | | 32 |
| 34 | | | 50 | 50 | 49 | 49 | 48 | 48 | 47 | | 34 |
| 36 | | | 47 | 46 | 45 | 45 | 45 | 44 | 44 | | 36 |
| 38 | | | 44 | 43 | 42 | 42 | 42 | 41 | 41 | | 38 |
| 40 | | | | 40 | 39 | 39 | 38 | 38 | 38 | | 40 |
| 42 | | | | 38 | 37 | 36 | 36 | 36 | 35 | | 42 |
| 44 | | | | 36 | 35 | 34 | 34 | 33 | 33 | | 44 |
| 46 | | | | | 33 | 32 | 32 | 31 | 31 | | 46 |
| 48 | | | | | 31 | 30 | 30 | 29 | 29 | | 48 |
| 50 | | | | | 29 | 28 | 28 | 28 | 27 | | 50 |
| 54 | | | | | | 26 | 25 | 25 | 24 | | 54 |
| 58 | | | | | | | 22 | 22 | 21 | | 58 |
| 62 | | | | | | | 20 | 20 | 19 | | 62 |
| 66 | | | | | | | | 18 | 17 | | 66 |
| 70 | | | | | | | | | 15 | | 70 |
| 74 | | | | | | | | | 14 | | 74 |

标准工况塔式副臂性能表
Standard Mode Tower Jib Lifting Load Chart

160t转台平衡重+40t车身平衡重

160t turntable ballast+40t car-body ballast

| 主臂长度 Boom length (m) | 主臂42米 Boom Length 42m | | | | | | | | | 主臂长度 Boom length (m) | |
|----------------------------|---------------------------------|-----|-----|-----|----|----|----|----|----|----------------------------|----|
| | 塔臂长度 Tower jib Length (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | | 72 |
| 幅度 Radius (m) | 主臂角度 Boom Angle 87° | | | | | | | | | 幅度 Radius (m) | |
| 12 | 182 | | | | | | | | | | 12 |
| 13 | 176 | | | | | | | | | | 13 |
| 14 | 170 | 150 | | | | | | | | | 14 |
| 15 | 154 | 147 | 129 | | | | | | | | 15 |
| 16 | 140 | 139 | 126 | | | | | | | | 16 |
| 17 | 129 | 128 | 123 | 108 | | | | | | | 17 |
| 18 | 119 | 118 | 118 | 107 | 93 | | | | | | 18 |
| 19 | 111 | 110 | 109 | 105 | 92 | 94 | | | | | 19 |
| 20 | 103 | 102 | 102 | 101 | 91 | 93 | | | | | 20 |
| 22 | 91 | 90 | 90 | 89 | 88 | 89 | 66 | 57 | | | 22 |
| 24 | 81 | 80 | 80 | 79 | 78 | 79 | 65 | 55 | 48 | | 24 |
| 26 | 73 | 72 | 72 | 71 | 70 | 71 | 64 | 54 | 47 | | 26 |
| 28 | | 65 | 65 | 64 | 63 | 64 | 62 | 53 | 46 | | 28 |
| 30 | | 59 | 59 | 59 | 58 | 58 | 57 | 52 | 45 | | 30 |
| 32 | | 55 | 54 | 54 | 53 | 53 | 52 | 51 | 44 | | 32 |
| 34 | | | 50 | 50 | 49 | 49 | 48 | 48 | 43 | | 34 |
| 36 | | | 46 | 46 | 45 | 45 | 44 | 44 | 42 | | 36 |
| 38 | | | 43 | 43 | 42 | 42 | 41 | 41 | 40 | | 38 |
| 40 | | | | 40 | 39 | 39 | 38 | 38 | 37 | | 40 |
| 42 | | | | 37 | 36 | 37 | 36 | 35 | 35 | | 42 |
| 44 | | | | 35 | 34 | 34 | 33 | 33 | 32 | | 44 |
| 46 | | | | | 32 | 32 | 31 | 31 | 30 | | 46 |
| 48 | | | | | 30 | 30 | 29 | 29 | 28 | | 48 |
| 50 | | | | | 28 | 28 | 28 | 27 | 27 | | 50 |
| 54 | | | | | | 26 | 24 | 24 | 24 | | 54 |
| 58 | | | | | | | 22 | 22 | 21 | | 58 |
| 62 | | | | | | | 20 | 19 | 19 | | 62 |
| 66 | | | | | | | | 18 | 17 | | 66 |
| 70 | | | | | | | | | 15 | | 70 |
| 74 | | | | | | | | | 13 | | 74 |

160t转台平衡重+40t车身平衡重

160t turntable ballast+40t car-body ballast

| 主臂长度 Boom length (m) | 主臂48米 Boom Length 48m | | | | | | | | | 主臂长度 Boom length (m) | |
|----------------------------|---------------------------------|-----|-----|----|----|----|----|----|----|----------------------------|----|
| | 塔臂长度 Tower jib Length (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | | 72 |
| 幅度 Radius (m) | 主臂角度 Boom Angle 87° | | | | | | | | | 幅度 Radius (m) | |
| 13 | 158 | | | | | | | | | | 13 |
| 14 | 154 | 135 | | | | | | | | | 14 |
| 15 | 148 | 132 | 113 | | | | | | | | 15 |
| 16 | 140 | 129 | 113 | | | | | | | | 16 |
| 17 | 128 | 125 | 111 | 98 | | | | | | | 17 |
| 18 | 118 | 117 | 109 | 96 | 84 | | | | | | 18 |
| 19 | 110 | 109 | 106 | 95 | 83 | | | | | | 19 |
| 20 | 103 | 101 | 101 | 93 | 81 | 72 | | | | | 20 |
| 22 | 90 | 89 | 89 | 89 | 79 | 70 | 59 | | | | 22 |
| 24 | 80 | 79 | 79 | 79 | 77 | 68 | 58 | 50 | | | 24 |
| 26 | 72 | 71 | 71 | 71 | 70 | 66 | 56 | 49 | 43 | | 26 |
| 28 | 66 | 65 | 64 | 64 | 63 | 63 | 55 | 48 | 42 | | 28 |
| 30 | | 59 | 59 | 58 | 57 | 57 | 53 | 47 | 41 | | 30 |
| 32 | | 54 | 54 | 53 | 52 | 52 | 52 | 46 | 40 | | 32 |
| 34 | | 50 | 50 | 49 | 48 | 48 | 48 | 44 | 39 | | 34 |
| 36 | | | 46 | 46 | 45 | 44 | 44 | 43 | 38 | | 36 |
| 38 | | | 43 | 42 | 41 | 41 | 41 | 41 | 37 | | 38 |
| 40 | | | | 39 | 38 | 38 | 38 | 38 | 36 | | 40 |
| 42 | | | | 37 | 36 | 36 | 35 | 35 | 35 | | 42 |
| 44 | | | | 35 | 34 | 33 | 33 | 33 | 32 | | 44 |
| 46 | | | | | 32 | 31 | 31 | 31 | 30 | | 46 |
| 48 | | | | | 30 | 29 | 29 | 29 | 28 | | 48 |
| 50 | | | | | 28 | 28 | 27 | 27 | 27 | | 50 |
| 54 | | | | | | 25 | 24 | 24 | 23 | | 54 |
| 58 | | | | | | | 22 | 21 | 21 | | 58 |
| 62 | | | | | | | 19 | 19 | 19 | | 62 |
| 66 | | | | | | | | 17 | 17 | | 66 |
| 70 | | | | | | | | | 15 | | 70 |
| 74 | | | | | | | | | 13 | | 74 |

标准工况塔式副臂性能表
Standard Mode Tower
Jib Lifting Load Chart

160t转台平衡重+40t车身平衡重

160t turntable ballast+40t car-body ballast

| 主臂长度 Boom length (m) | 主臂54米 Boom Length 54m | | | | | | | | | 主臂长度 Boom length (m) | |
|----------------------------|---------------------------------|-----|-----|----|----|----|----|----|----|----------------------------|----|
| | 塔臂长度 Tower jib Length (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | | 72 |
| 幅度 Radius (m) | 主臂角度 Boom Angle 87° | | | | | | | | | 幅度 Radius (m) | |
| 13 | 140 | | | | | | | | | | 13 |
| 14 | 136 | 120 | | | | | | | | | 14 |
| 15 | 133 | 117 | | | | | | | | | 15 |
| 16 | 130 | 115 | 129 | | | | | | | | 16 |
| 17 | 126 | 113 | 126 | 88 | | | | | | | 17 |
| 18 | 118 | 110 | 123 | 86 | 75 | | | | | | 18 |
| 19 | 109 | 107 | 118 | 85 | 75 | | | | | | 19 |
| 20 | 102 | 101 | 109 | 84 | 74 | 65 | | | | | 20 |
| 22 | 90 | 89 | 102 | 80 | 72 | 63 | 53 | | | | 22 |
| 24 | 80 | 79 | 90 | 77 | 69 | 62 | 52 | 45 | | | 24 |
| 26 | 72 | 71 | 80 | 70 | 67 | 60 | 51 | 44 | 38 | | 26 |
| 28 | 65 | 64 | 72 | 64 | 63 | 58 | 49 | 43 | 37 | | 28 |
| 30 | | 58 | 65 | 58 | 57 | 56 | 48 | 42 | 37 | | 30 |
| 32 | | 54 | 59 | 53 | 52 | 52 | 47 | 41 | 36 | | 32 |
| 34 | | 50 | 54 | 49 | 48 | 48 | 45 | 40 | 35 | | 34 |
| 36 | | | 50 | 45 | 44 | 44 | 44 | 39 | 34 | | 36 |
| 38 | | | 46 | 42 | 41 | 41 | 40 | 38 | 33 | | 38 |
| 40 | | | 43 | 39 | 38 | 38 | 38 | 36 | 32 | | 40 |
| 42 | | | | 37 | 36 | 35 | 35 | 35 | 31 | | 42 |
| 44 | | | | 34 | 33 | 33 | 33 | 33 | 30 | | 44 |
| 46 | | | | | 31 | 31 | 31 | 30 | 29 | | 46 |
| 48 | | | | | 29 | 29 | 29 | 29 | 28 | | 48 |
| 50 | | | | | 28 | 27 | 27 | 27 | 26 | | 50 |
| 54 | | | | | | 24 | 24 | 24 | 23 | | 54 |
| 58 | | | | | | | 21 | 21 | 21 | | 58 |
| 62 | | | | | | | 19 | 19 | 18 | | 62 |
| 66 | | | | | | | | 17 | 16 | | 66 |
| 70 | | | | | | | | | 14 | | 70 |
| 74 | | | | | | | | | 13 | | 74 |

160t转台平衡重+40t车身平衡重

160t turntable ballast+40t car-body ballast

| 主臂长度 Boom length (m) | 主臂60米 Boom Length 60m | | | | | | | | | 主臂长度 Boom length (m) | |
|----------------------------|---------------------------------|-----|----|----|----|----|----|----|----|----------------------------|----|
| | 塔臂长度 Tower jib Length (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | | 72 |
| 幅度 Radius (m) | 主臂角度 Boom Angle 87° | | | | | | | | | 幅度 Radius (m) | |
| 13 | 121 | | | | | | | | | | 13 |
| 14 | 119 | | | | | | | | | | 14 |
| 15 | 116 | 103 | | | | | | | | | 15 |
| 16 | 113 | 101 | 89 | | | | | | | | 16 |
| 17 | 110 | 99 | 87 | | | | | | | | 17 |
| 18 | 108 | 97 | 86 | 76 | | | | | | | 18 |
| 19 | 105 | 95 | 84 | 75 | 67 | | | | | | 19 |
| 20 | 101 | 92 | 82 | 74 | 66 | 56 | | | | | 20 |
| 22 | 89 | 88 | 79 | 72 | 64 | 56 | 46 | | | | 22 |
| 24 | 79 | 78 | 76 | 69 | 62 | 54 | 45 | 39 | | | 24 |
| 26 | 71 | 70 | 70 | 67 | 60 | 53 | 44 | 38 | 33 | | 26 |
| 28 | 65 | 64 | 63 | 63 | 58 | 51 | 43 | 37 | 32 | | 28 |
| 30 | | 58 | 58 | 57 | 56 | 50 | 41 | 36 | 32 | | 30 |
| 32 | | 53 | 53 | 53 | 52 | 48 | 40 | 35 | 31 | | 32 |
| 34 | | 49 | 49 | 48 | 47 | 46 | 39 | 34 | 30 | | 34 |
| 36 | | | 45 | 45 | 44 | 44 | 38 | 33 | 29 | | 36 |
| 38 | | | 42 | 42 | 41 | 40 | 37 | 32 | 28 | | 38 |
| 40 | | | 39 | 39 | 38 | 38 | 35 | 31 | 27 | | 40 |
| 42 | | | | 36 | 35 | 35 | 34 | 30 | 27 | | 42 |
| 44 | | | | 34 | 33 | 33 | 32 | 29 | 26 | | 44 |
| 46 | | | | 32 | 31 | 31 | 30 | 28 | 25 | | 46 |
| 48 | | | | | 29 | 29 | 28 | 27 | 24 | | 48 |
| 50 | | | | | 27 | 27 | 27 | 26 | 23 | | 50 |
| 54 | | | | | | 24 | 24 | 24 | 22 | | 54 |
| 58 | | | | | | | 21 | 21 | 20 | | 58 |
| 62 | | | | | | | 19 | 19 | 18 | | 62 |
| 66 | | | | | | | | 17 | 16 | | 66 |
| 70 | | | | | | | | | 14 | | 70 |
| 74 | | | | | | | | | 13 | | 74 |

标准工况塔式副臂性能表
Standard Mode Tower
Jib Lifting Load Chart

160t转台平衡重+40t车身平衡重

160t turntable ballast+40t car-body ballast

| 主臂长度 Boom length (m) | 主臂66米 Boom Length 66m | | | | | | | | | 主臂长度 Boom length (m) | |
|----------------------------|---------------------------------|----|----|----|----|----|----|----|----|----------------------------|----|
| | 塔臂长度 Tower jib Length (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | | 72 |
| 幅度 Radius (m) | 主臂角度 Boom Angle 87° | | | | | | | | | 幅度 Radius (m) | |
| 14 | 108 | | | | | | | | | | 14 |
| 15 | 106 | 94 | | | | | | | | | 15 |
| 16 | 103 | 93 | 80 | | | | | | | | 16 |
| 17 | 101 | 91 | 80 | | | | | | | | 17 |
| 18 | 98 | 89 | 78 | 70 | | | | | | | 18 |
| 19 | 95 | 87 | 77 | 69 | 59 | | | | | | 19 |
| 20 | 93 | 85 | 75 | 68 | 59 | 52 | | | | | 20 |
| 22 | 87 | 81 | 72 | 65 | 57 | 51 | 42 | | | | 22 |
| 24 | 79 | 77 | 69 | 63 | 55 | 50 | 41 | 36 | | | 24 |
| 26 | 71 | 70 | 66 | 61 | 54 | 48 | 40 | 35 | 27 | | 26 |
| 28 | 64 | 63 | 63 | 58 | 52 | 47 | 39 | 34 | 27 | | 28 |
| 30 | | 57 | 57 | 56 | 50 | 45 | 38 | 33 | 26 | | 30 |
| 32 | | 53 | 52 | 52 | 48 | 44 | 36 | 32 | 25 | | 32 |
| 34 | | 48 | 48 | 48 | 46 | 42 | 35 | 31 | 25 | | 34 |
| 36 | | | 45 | 44 | 43 | 41 | 34 | 30 | 24 | | 36 |
| 38 | | | 42 | 41 | 40 | 39 | 33 | 29 | 23 | | 38 |
| 40 | | | 39 | 38 | 37 | 37 | 32 | 28 | 22 | | 40 |
| 42 | | | | 36 | 35 | 35 | 30 | 27 | 22 | | 42 |
| 44 | | | | 34 | 33 | 32 | 29 | 26 | 21 | | 44 |
| 46 | | | | 32 | 31 | 30 | 28 | 25 | 20 | | 46 |
| 48 | | | | | 29 | 28 | 27 | 24 | 19 | | 48 |
| 50 | | | | | 27 | 27 | 26 | 23 | 19 | | 50 |
| 54 | | | | | | 24 | 23 | 22 | 17 | | 54 |
| 58 | | | | | | 21 | 21 | 20 | 16 | | 58 |
| 62 | | | | | | | 19 | 19 | 15 | | 62 |
| 66 | | | | | | | | 17 | 14 | | 66 |
| 70 | | | | | | | | | 12 | | 70 |
| 74 | | | | | | | | | 11 | | 74 |

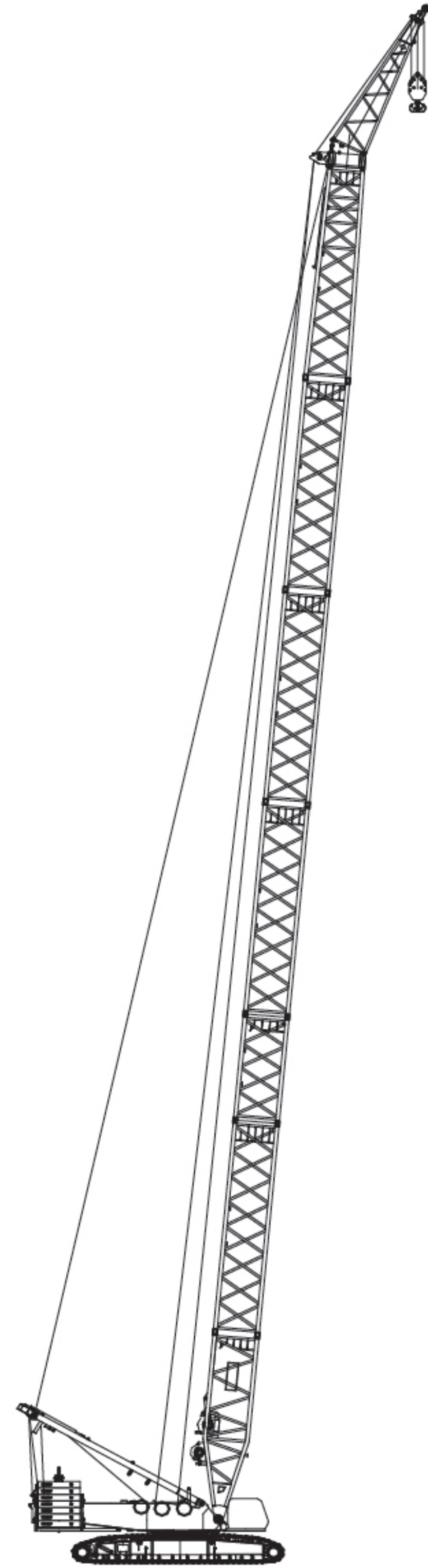
160t转台平衡重+40t车身平衡重

160t turntable ballast+40t car-body ballast

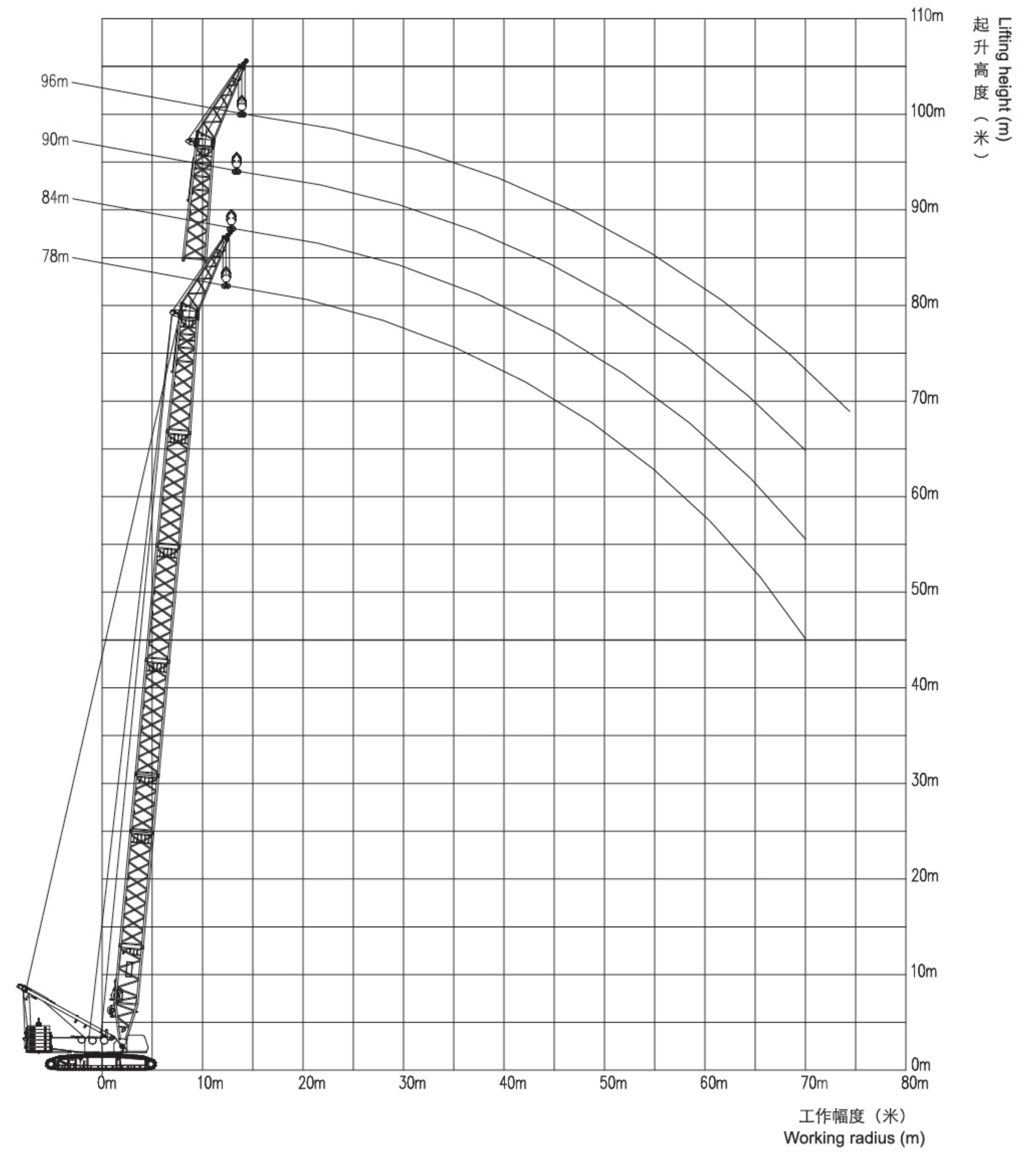
| 主臂长度 Boom length (m) | 主臂72米 Boom Length 72m | | | | | | | | | 主臂长度 Boom length (m) | |
|----------------------------|---------------------------------|----|----|----|----|----|----|----|----|----------------------------|----|
| | 塔臂长度 Tower jib Length (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | | 72 |
| 幅度 Radius (m) | 主臂角度 Boom Angle 87° | | | | | | | | | 幅度 Radius (m) | |
| 14 | 96 | | | | | | | | | | 14 |
| 15 | 94 | | | | | | | | | | 15 |
| 16 | 92 | 81 | | | | | | | | | 16 |
| 17 | 90 | 80 | 71 | | | | | | | | 17 |
| 18 | 88 | 78 | 70 | | | | | | | | 18 |
| 19 | 87 | 77 | 69 | 61 | | | | | | | 19 |
| 20 | 85 | 76 | 68 | 61 | 52 | | | | | | 20 |
| 22 | 81 | 73 | 65 | 59 | 51 | 45 | | | | | 22 |
| 24 | 77 | 70 | 63 | 57 | 50 | 44 | 35 | 27 | | | 24 |
| 26 | 70 | 67 | 61 | 55 | 48 | 43 | 34 | 27 | 23 | | 26 |
| 28 | 63 | 62 | 59 | 53 | 47 | 42 | 33 | 26 | 22 | | 28 |
| 30 | | 57 | 56 | 52 | 45 | 40 | 32 | 26 | 22 | | 30 |
| 32 | | 52 | 52 | 50 | 44 | 39 | 32 | 25 | 21 | | 32 |
| 34 | | 48 | 48 | 48 | 42 | 38 | 31 | 24 | 21 | | 34 |
| 36 | | | 44 | 44 | 41 | 37 | 30 | 23 | 20 | | 36 |
| 38 | | | 41 | 41 | 39 | 36 | 29 | 23 | 19 | | 38 |
| 40 | | | 38 | 38 | 37 | 35 | 28 | 22 | 19 | | 40 |
| 42 | | | | 35 | 34 | 33 | 27 | 21 | 18 | | 42 |
| 44 | | | | 33 | 32 | 32 | 26 | 21 | 18 | | 44 |
| 46 | | | | 31 | 30 | 30 | 25 | 20 | 17 | | 46 |
| 48 | | | | | 28 | 28 | 24 | 19 | 17 | | 48 |
| 50 | | | | | 27 | 26 | 23 | 19 | 16 | | 50 |
| 54 | | | | | | 23 | 22 | 17 | 15 | | 54 |
| 58 | | | | | | 21 | 21 | 16 | 14 | | 58 |
| 62 | | | | | | | 18 | 15 | 13 | | 62 |
| 66 | | | | | | | | 14 | 12 | | 66 |
| 70 | | | | | | | | 13 | 11 | | 70 |
| 74 | | | | | | | | | 10 | | 74 |

标准工况风电副臂
臂节组合/风电副臂
Standard Mode Boom Point
For Wind Power Combinations

| 臂长 Boom length (m) | 中间臂节 Boom insert | | |
|--------------------------|---------------------------------|---|---|
| | 重型主臂 6m中间节 6m boom insert | 重型主臂12m (厚臂)中间节 12m heavy boom insert | 重型主臂12m (薄臂)中间节 12m light boom insert |
| 78 | 1 | 2 | 2 |
| 84 | - | 2 | 3 |
| 90 | 1 | 2 | 3 |
| 96 | 2 | 2 | 3 |



标准工况风电副臂作业范围
Standard Mode Boom Point For Wind Power Working Area



160t转台平衡重+40t车身平衡重

160t turntable ballast + 40t car-body ballast

| 幅度 Radius (m) | 臂长 Boom length (m) | | | | 幅度 Radius (m) |
|------------------|-----------------------|-------|-------|------|------------------|
| | 78+7 | 84+7 | 90+7 | 96+7 | |
| 14 | 116.0 | | | | 14 |
| 16 | 116.0 | 116.0 | 105.0 | | 16 |
| 18 | 110.0 | 110.0 | 103.0 | 90.0 | 18 |
| 20 | 101.9 | 100.5 | 98.6 | 90.0 | 20 |
| 22 | 89.5 | 88.2 | 86.4 | 87.1 | 22 |
| 24 | 79.4 | 78.2 | 76.5 | 76.5 | 24 |
| 26 | 70.8 | 69.8 | 68.3 | 67.8 | 26 |
| 28 | 63.3 | 62.7 | 61.4 | 60.5 | 28 |
| 30 | 57.0 | 56.3 | 55.3 | 54.4 | 30 |
| 34 | 46.7 | 46.1 | 45.1 | 44.6 | 34 |
| 38 | 38.9 | 38.3 | 37.2 | 37.1 | 38 |
| 42 | 32.9 | 32.1 | 31.0 | 29.8 | 42 |
| 46 | 27.9 | 27.1 | 26.0 | 25.3 | 46 |
| 50 | 23.8 | 23.0 | 21.9 | 20.8 | 50 |
| 54 | 20.3 | 19.5 | 18.4 | 17.9 | 54 |
| 58 | 17.3 | 16.5 | 15.4 | 14.3 | 58 |
| 62 | 14.8 | 14.0 | 12.8 | 12.1 | 62 |
| 64 | 13.6 | 12.8 | 11.7 | 10.5 | 64 |

注意：标准工况风电臂96+7需要另配特殊的轻型12m过渡节。
标准工况风电臂96+7起落臂时需要180t转台配重。

34

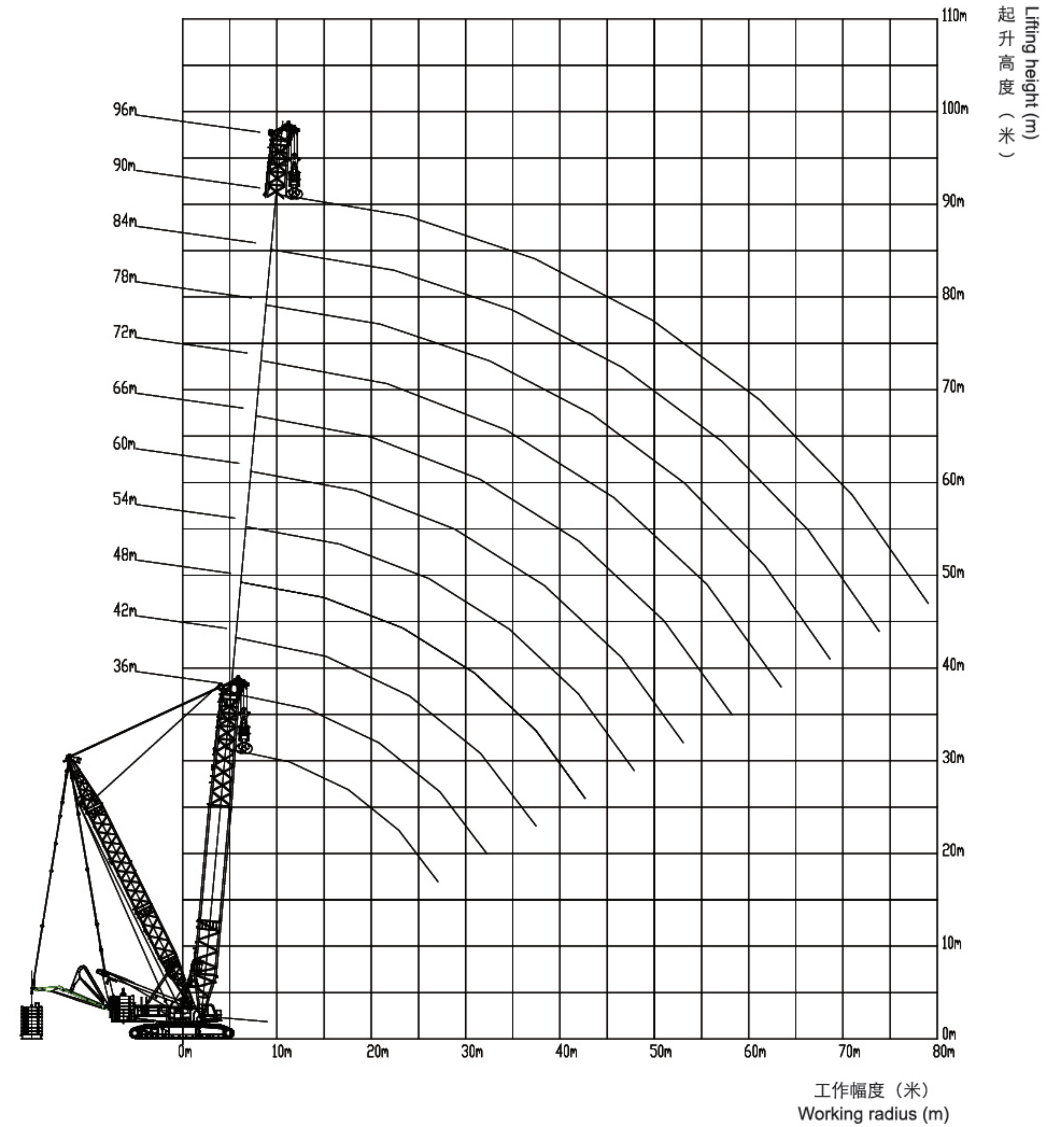
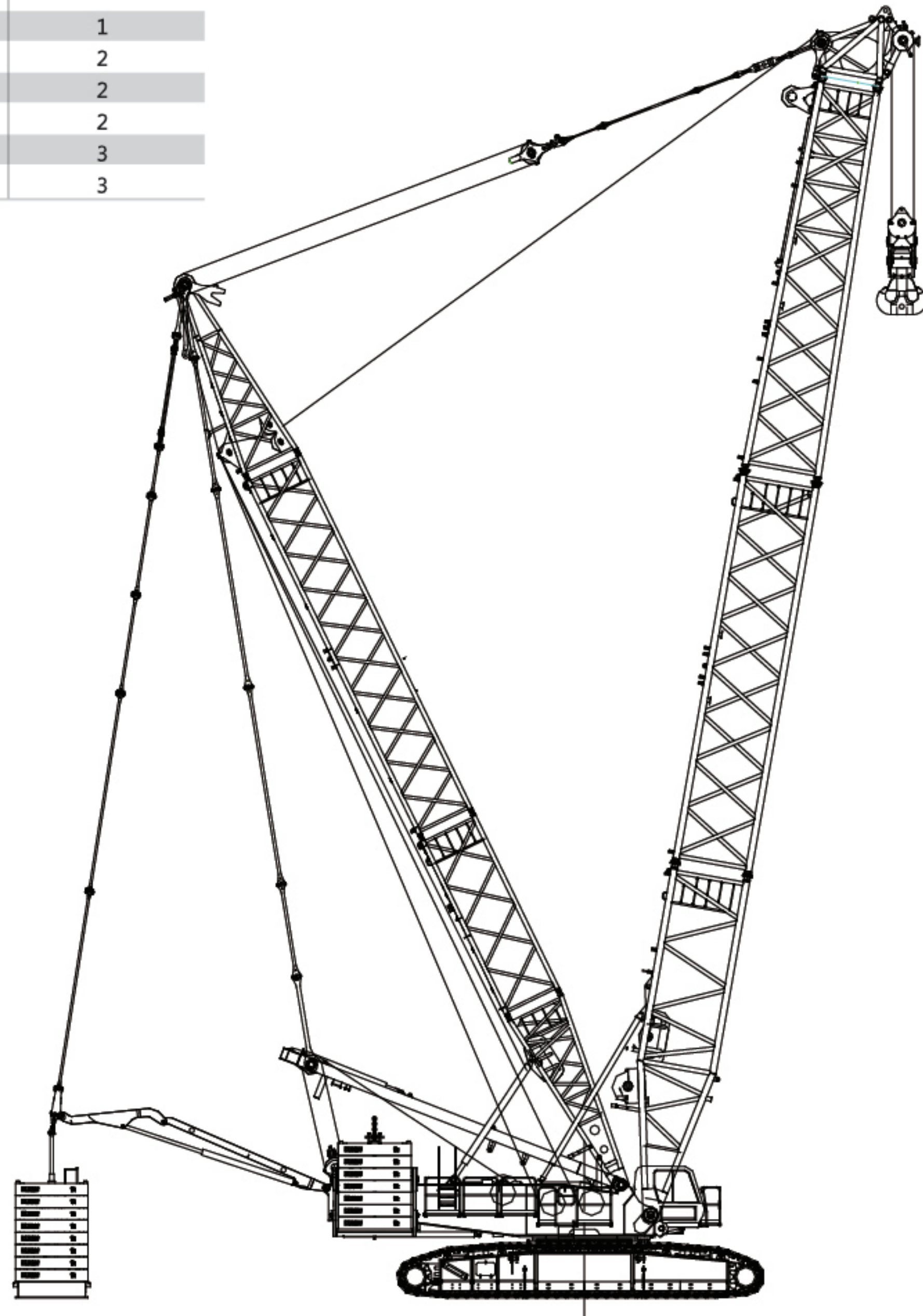
XGC500履带起重机 XGC500 CRAWLER CRANE

- P35-P35 超起工况重型主臂臂节组合/重型主臂
SL Mode Heavy Boom Combinations/Heavy Boom
- P36-P36 超起工况重型主臂作业范围图
SL Mode Heavy Boom Working Area
- P37-P37 超起工况重型主臂起重性能表
SL Mode Heavy Boom Lifting Load Chart
- P38-P38 超起工况轻型主臂臂节组合/轻型主臂
SL Mode Light Boom Combinations/Light Boom
- P39-P39 超起工况轻型主臂作业范围图
SL Mode Light Boom Working Area
- P40-P40 超起工况轻型主臂起重性能表
SL Mode Light Boom Lifting Load Chart
- P41-P41 超起工况塔式副臂臂节组合/塔式副臂
SL Mode Tower jib Combinations/Tower jib
- P42-P42 超起工况塔式副臂作业范围图
SL Mode Tower jib Working Area
- P43-P51 超起工况塔式副臂起重性能表
SL Mode Tower Jib Lifting Load Chart
- P52-P52 超起工况风电副臂臂节组合/风电副臂
SL Mode Boom Point For Wind Power Combinations
- P53-P53 超起工况风电副臂作业范围图
SL Mode Boom Point For Wind Power Working Area
- P54-P54 超起工况风电副臂起重性能表
SL Mode Boom Point For Wind Power Lifting Load Chart
- P55-P61 主要零部件
Main parts
- P62-P62 工作条件及注意
Working conditions and Cautions

超起工况重型主臂
臂节组合/重型主臂
SL Mode Heavy Boom
Combinations/Heavy Boom

超起工况重型主臂作业范围图
SL Mode Heavy Boom Working Area

| 臂长 Boom length (m) | 中间臂节 Boom insert | | |
|--------------------------|---------------------------------|---|---|
| | 重型主臂 6m中间节 6m boom insert | 重型主臂12m (厚臂)中间节 12m heavy boom insert | 重型主臂12m (薄臂)中间节 12m light boom insert |
| 36 | - | 1 | - |
| 42 | 1 | 1 | - |
| 48 | 2 | 1 | - |
| 54 | 1 | 2 | - |
| 60 | 2 | 2 | - |
| 66 | 1 | 2 | 1 |
| 72 | - | 2 | 2 |
| 78 | 1 | 2 | 2 |
| 84 | 2 | 2 | 2 |
| 90 | 1 | 2 | 3 |
| 96 | 2 | 2 | 3 |



超起工况重型主臂起重性能表
SL Mode Heavy Boom
Lifting Load Chart

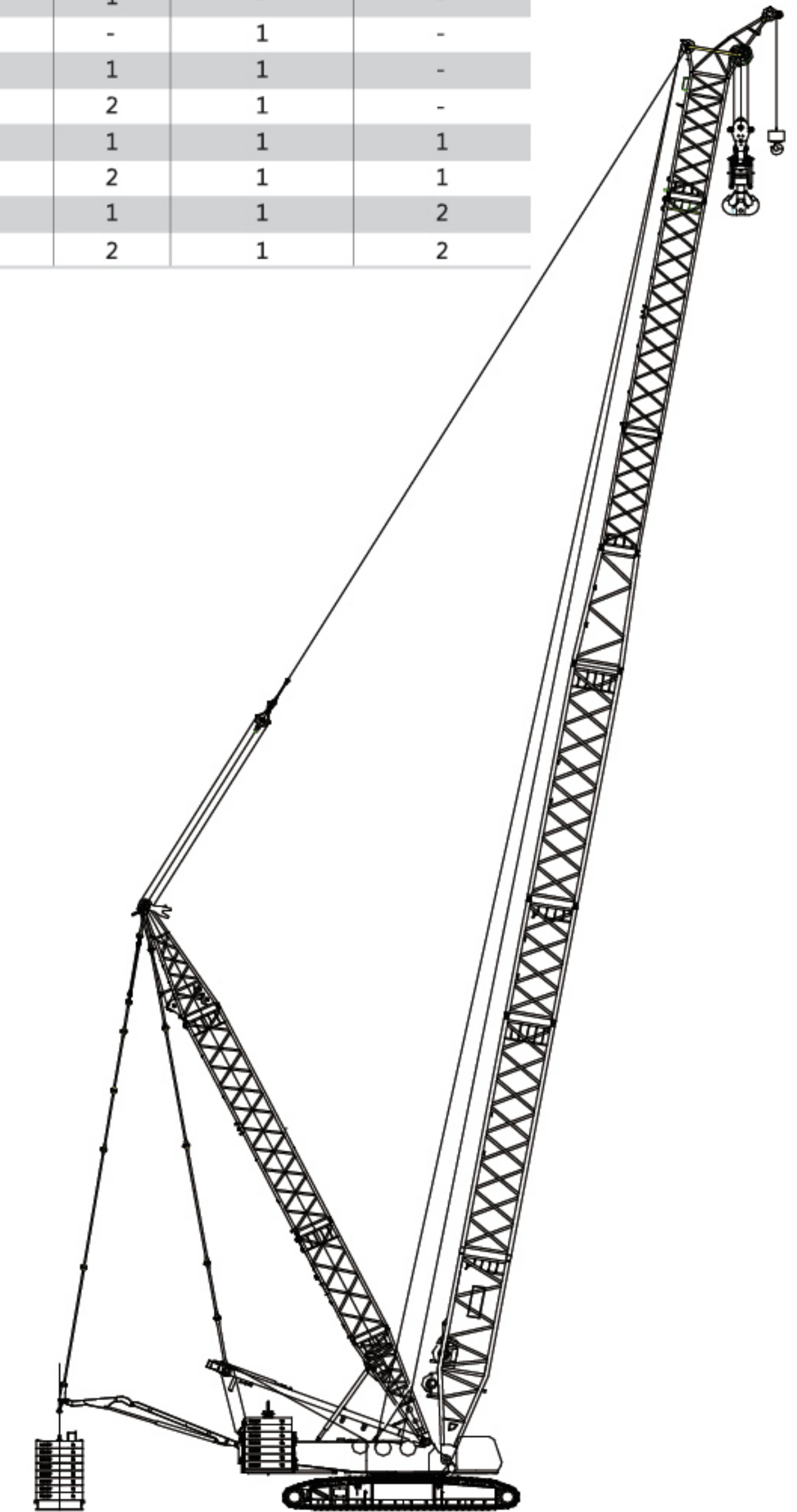
120t转台平衡重+0t车身平衡重+ (0~270t) t超起平衡重, 超起平衡重半径16m
 120t turntable ballast+0t car-body ballast+ (0~270t) t SL ballast, SL ballast radius 16m

| 幅度 Radius (m) | 臂长 Boom length (m) | | | | | | | | | | | 幅度 Radius (m) |
|---------------|--------------------|------|------|------|------|-------|------|------|------|------|------|---------------|
| | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | |
| 8 | 500* | 459* | | | | | | | | | | 8 |
| 9 | 500* | 459* | 421* | 369* | | | | | | | | 9 |
| 10 | 500* | 459* | 421* | 369* | 314* | 283* | | | | | | 10 |
| 11 | 500* | 459* | 421* | 369* | 314* | 283* | 248* | | | | | 11 |
| 12 | 500* | 459* | 421* | 369* | 314* | 283* | 248* | 216* | 182* | | | 12 |
| 14 | 446 | 444 | 421* | 369* | 314* | 283* | 248* | 216* | 182* | 147* | 123* | 14 |
| 16 | 391 | 389 | 387 | 369* | 314* | 283* | 248* | 216* | 182* | 147* | 123* | 16 |
| 18 | 347 | 345 | 343 | 342 | 314* | 283* | 248* | 216* | 182* | 147* | 123* | 18 |
| 20 | 305 | 311 | 309 | 308 | 307 | 283*C | 248* | 215* | 180* | 147* | 123* | 20 |
| 22 | 266 | 281 | 279 | 278 | 277 | 276 | 248 | 215* | 178* | 147* | 123* | 22 |
| 24 | 232 | 253 | 254 | 253 | 251 | 250 | 242 | 215* | 176* | 147* | 123* | 24 |
| 26 | 205 | 224 | 231 | 230 | 230 | 229 | 228 | 209 | 173* | 147* | 123* | 26 |
| 28 | 186 | 200 | 212 | 211 | 211 | 211 | 210 | 201 | 168* | 147* | 123* | 28 |
| 30 | 166* | 180 | 192 | 196 | 194 | 194 | 194 | 193 | 164 | 147* | 123* | 30 |
| 34 | | 147 | 159 | 167 | 168 | 167 | 167 | 167 | 155 | 147 | 123 | 34 |
| 38 | | 123 | 132 | 141 | 147 | 147 | 147 | 146 | 145 | 138 | 123 | 38 |
| 42 | | | 109* | 120 | 127 | 130 | 130 | 130 | 129 | 123 | 123 | 42 |
| 46 | | | | 101 | 109 | 114 | 116 | 116 | 116 | 110 | 110 | 46 |
| 50 | | | | | 93.9 | 99.5 | 103 | 104 | 104 | 99.1 | 99.1 | 50 |
| 54 | | | | | | 86.6 | 91 | 93.2 | 93.8 | 89.1 | 89.1 | 54 |
| 58 | | | | | | | 79.9 | 82.8 | 84.2 | 79.9 | 79.9 | 58 |
| 62 | | | | | | | 69.6 | 73.3 | 75.2 | 71.4 | 71.4 | 62 |
| 66 | | | | | | | | 64.6 | 67.0 | 63.7 | 63.7 | 66 |
| 70 | | | | | | | | | 59.5 | 56.5 | 56.5 | 70 |
| 72 | | | | | | | | | | 55.7 | 52.9 | 72 |

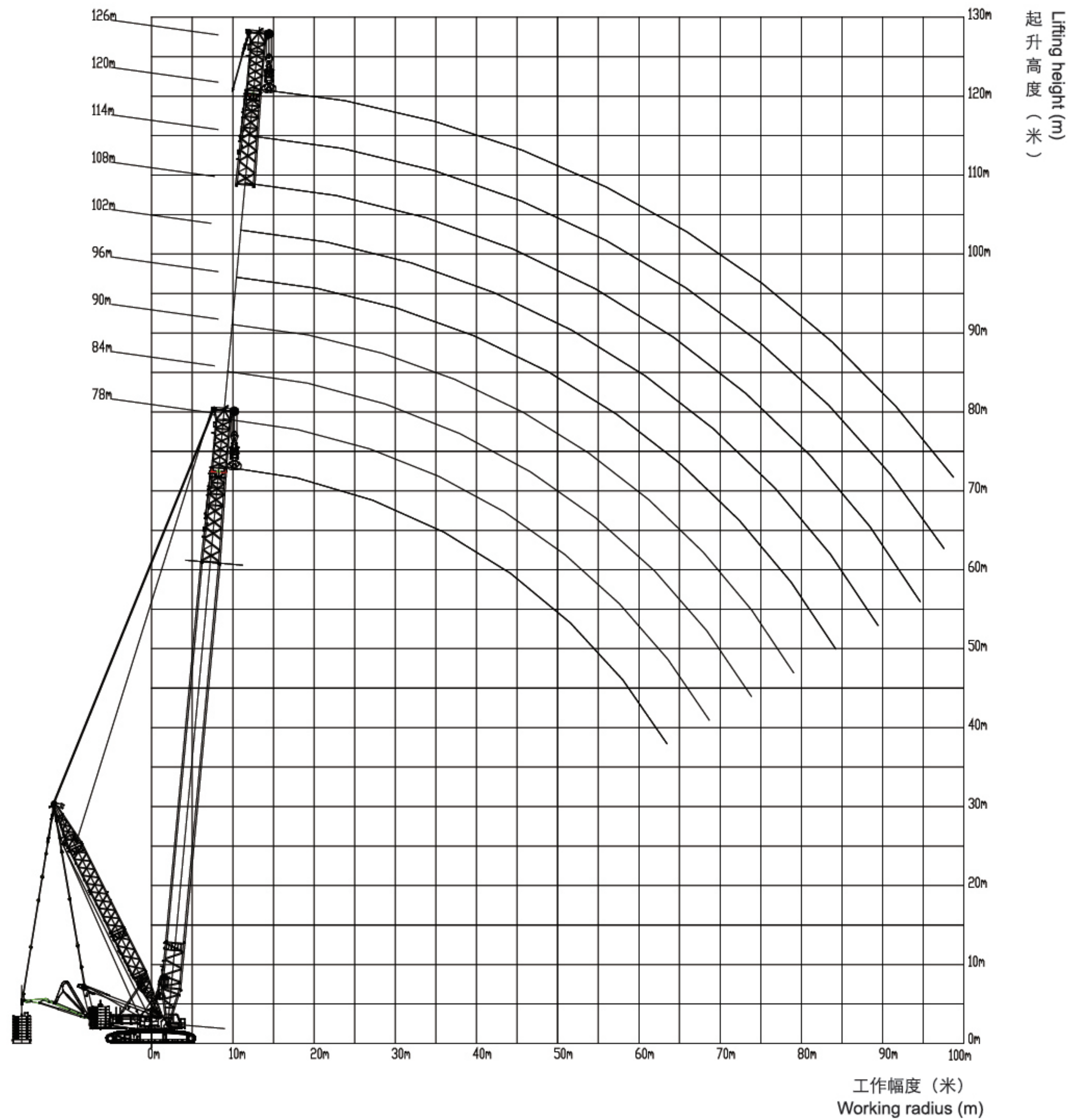
注：起重性能带*号，说明此工况下超起配重不能离地。
 Note: The data with * mark means that SL counterweight can not be clear off the ground.

超起工况轻型主臂臂节组合/轻型主臂
SL Mode Light Boom Combinations/Light Boom

| 臂长 Boom length (m) | 中间臂节 Boom insert | | | | | |
|--------------------|---------------------------|--|--|-----------------------|------------------------------------|------------------------------------|
| | 重型主臂6m 中间节 6m boom insert | 重型主臂12m (厚臂) 中间节 12m heavy boom insert | 重型主臂12m (薄臂) 中间节 12m light boom insert | 塔臂6m 中间节 6m tower jib | 塔臂12m (厚臂) 中间节 12m heavy tower jib | 塔臂12m (薄臂) 中间节 12m light tower jib |
| 78 | 1 | 2 | 2 | - | - | - |
| 84 | 1 | 2 | 2 | 1 | - | - |
| 90 | 1 | 2 | 2 | - | 1 | - |
| 96 | 1 | 2 | 2 | 1 | 1 | - |
| 102 | 1 | 2 | 2 | 2 | 1 | - |
| 108 | 1 | 2 | 2 | 1 | 1 | 1 |
| 114 | 1 | 2 | 2 | 2 | 1 | 1 |
| 120 | 1 | 2 | 2 | 1 | 1 | 2 |
| 126 | 1 | 2 | 2 | 2 | 1 | 2 |



超起工况轻型主臂作业范围图
SL Mode Light Boom
Working Area



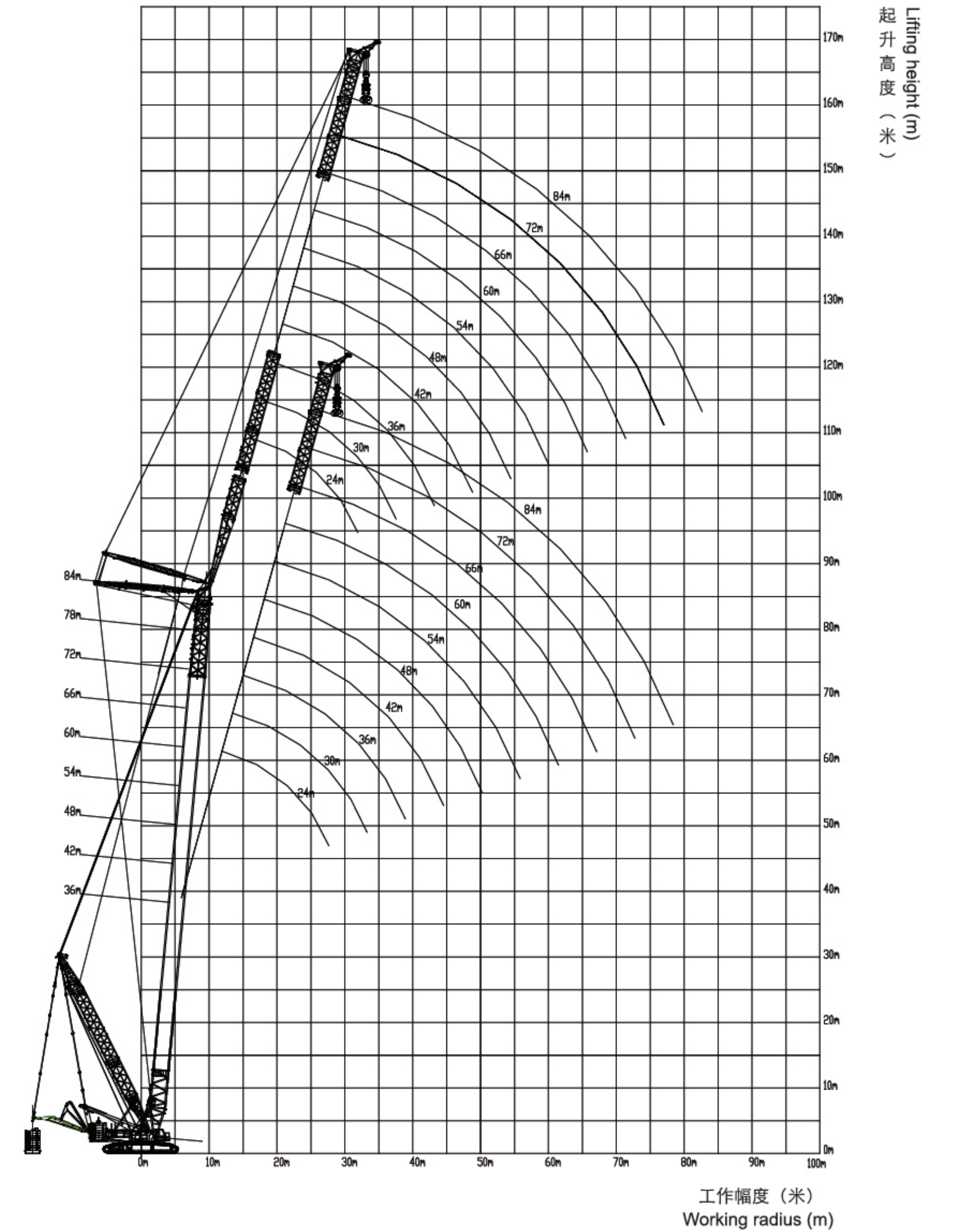
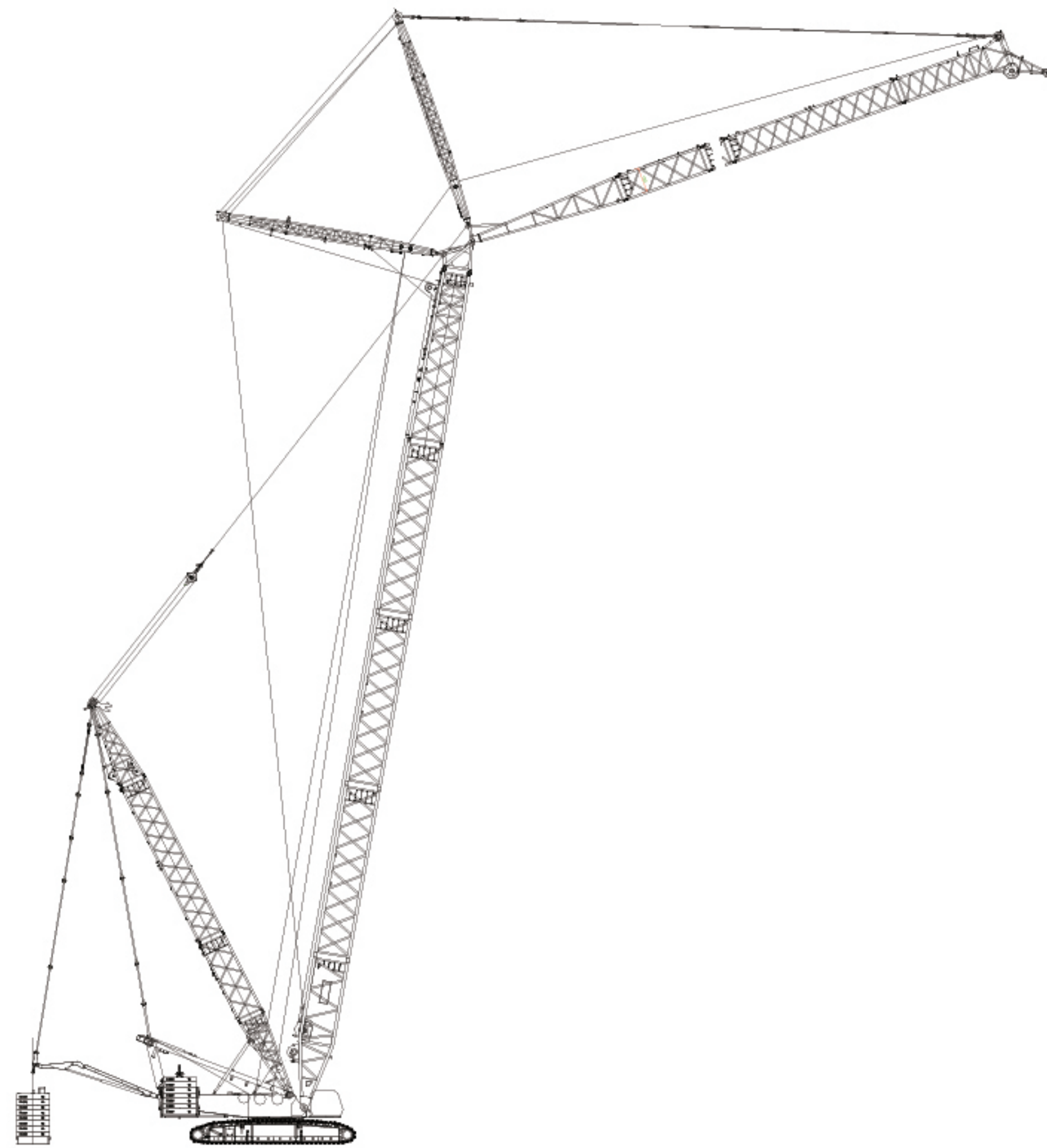
超起工况轻型主臂起重性能表
SL Mode Light Boom Lifting Load Chart

120t转台平衡重+0t车身平衡重+ (0~270t) 超起平衡重, 超起平衡重半径16m
120t turntable ballast+0t car-body ballast+ (0~270t) SL ballast, SL ballast radius 16m

| 幅度 Radius (m) | 臂长 Boom length (m) | | | | | | | | | 幅度 Radius (m) |
|---------------|--------------------|------|------|-------|-------|-------|-------|-------|-------|---------------|
| | 78 | 84 | 90 | 96 | 102 | 108 | 114 | 120 | 126 | |
| 11 | 214* | | | | | | | | | 11 |
| 12 | 214* | 181* | | | | | | | | 12 |
| 13 | 214* | 181* | 152* | 130* | | | | | | 13 |
| 14 | 214* | 181* | 151* | 130* | 111* | 94.9* | | | | 14 |
| 16 | 214* | 181* | 148* | 130* | 111* | 93.8* | 80.6* | 70.4* | 59.2* | 16 |
| 18 | 213* | 181* | 147* | 130* | 111* | 92.8* | 80.6* | 70.4* | 59.2* | 18 |
| 20 | 210* | 178* | 146* | 130* | 111* | 91.8* | 79.6* | 70.4* | 59.2* | 20 |
| 22 | 208* | 176* | 144* | 129* | 110* | 91.8* | 79.6* | 70.4* | 59.2* | 22 |
| 24 | 206* | 174* | 143* | 129* | 107* | 89.8* | 78.5* | 70.4* | 59.2* | 24 |
| 26 | 195* | 172* | 141* | 128* | 105* | 88.7* | 78.5* | 69.4* | 58.1* | 26 |
| 28 | 181* | 166* | 139* | 128* | 103* | 86.7* | 77.5* | 68.3* | 58.1* | 28 |
| 30 | 174 | 161* | 136* | 126* | 101* | 85.7* | 74.5* | 67.3* | 57.1* | 30 |
| 34 | 161 | 148 | 130* | 122* | 96.9* | 82.6* | 70.4* | 66.3* | 56.1* | 34 |
| 38 | 147 | 139 | 123* | 117* | 93.8* | 79.6* | 67.3* | 65.3* | 54.1* | 38 |
| 42 | 132 | 129 | 117 | 108* | 89.8* | 76.5* | 63.2* | 63.2* | 52* | 42 |
| 46 | 117 | 117 | 111 | 97.9* | 86.7* | 73.4* | 59.2* | 62.2* | 51* | 46 |
| 50 | 106 | 106 | 105 | 94.1 | 82.6* | 70.4* | 56.1* | 61.2* | 49* | 50 |
| 54 | 95.6 | 95.7 | 96 | 90.3 | 77.5* | 68.3* | 54.1* | 58.1* | 46.9* | 54 |
| 58 | 85.3 | 86 | 86.9 | 85.2 | 70.4* | 65.3* | 53* | 56.1* | 45.9* | 58 |
| 62 | 75.8 | 77.2 | 78.5 | 79.7 | 64.3* | 62.2* | 50.8* | 53* | 43.9* | 62 |
| 66 | 67 | 69.3 | 71 | 72.4 | 61.1 | 58.1* | 46.9* | 50* | 41.8* | 66 |
| 70 | 58.7 | 61.8 | 64 | 65.7 | 58.4 | 54.8 | 44.5* | 49* | 39.8* | 70 |
| 74 | | 54.6 | 57.4 | 59.6 | 55.8 | 52.5 | 43.1* | 46.9* | 38.8* | 74 |
| 78 | | | 51.2 | 53.8 | 53 | 50.2 | 41.9* | 44.9 | 36.7* | 78 |
| 82 | | | | 48.2 | 50.2 | 47.8 | 40.7* | 41.8 | 34.7* | 82 |
| 86 | | | | | 45.2 | 45.6 | 39.4 | 40 | 33.2* | 86 |
| 90 | | | | | 40.4 | 41.7 | 38.1 | 38.3 | 32* | 90 |
| 94 | | | | | | 37.4 | 36.9 | 36.6 | 30.9* | 94 |
| 98 | | | | | | | 35.2 | 34.9 | 29.8 | 98 |
| 102 | | | | | | | | 32.6 | 28.7 | 102 |
| 106 | | | | | | | | 29.3 | 27.5 | 106 |
| 110 | | | | | | | | | 26.4 | 110 |

注：起重性能带*号，说明此工况下超起配重不能离地。
Note: The data with * mark means that SL counterweight can not be clear off the ground.

| 臂长 Boom length (m) | 中间臂节 Boom insert | | | 主臂长度和角度 Boom length & angle |
|--------------------------|-----------------------------|--|--|---------------------------------------|
| | 塔臂6m 中间节 6m tower jib | 塔臂12m (厚臂) 中间节 12m heavy tower jib | 塔臂12m (薄臂) 中间节 12m light tower jib | |
| 24 | 1 | - | - | 36m ~ 84m 87° 85° 75° 65° |
| 30 | 2 | - | - | |
| 36 | 1 | 1 | - | |
| 42 | 2 | 1 | - | |
| 48 | 3 | 1 | - | |
| 54 | 2 | 1 | 1 | |
| 60 | 3 | 1 | 1 | |
| 66 | 2 | 1 | 2 | |
| 72 | 3 | 1 | 2 | |
| 78 | 2 | 1 | 3 | |
| 84 | 3 | 1 | 3 | |



超起工况塔式副臂起重性能表
SL Mode Tower Jib
Lifting Load Chart

主臂角度87°，120t转台平衡重+0t车身平衡重+(0~270)t超起平衡重，超起平衡重半径16m
Boom Angle 87°，120t turntable ballast + 0t car-body counterweight, (0~270) t, SL ballast radius 16m

| 主臂 (m) | 36 | | | | | | | | | | | 主臂 (m) |
|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 副臂 (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 副臂 (m) |
| 幅度 Radius (m) | | | | | | | | | | | | 幅度 Radius (m) |
| 12 | 229* | | | | | | | | | | | 12 |
| 13 | 229* | 213* | | | | | | | | | | 13 |
| 14 | 229* | 213* | | | | | | | | | | 14 |
| 15 | 229* | 213* | 177* | | | | | | | | | 15 |
| 16 | 229* | 213* | 177* | 145* | | | | | | | | 16 |
| 17 | 228* | 209* | 177* | 145* | | | | | | | | 17 |
| 18 | 227* | 205* | 177* | 145* | 119* | | | | | | | 18 |
| 19 | 220* | 199* | 174* | 145* | 119* | 100* | | | | | | 19 |
| 20 | 211* | 194* | 172* | 145* | 119* | 100* | 85.1* | | | | | 20 |
| 22 | 185* | 184* | 165* | 142* | 119* | 100* | 85.1* | 71.4* | | | | 22 |
| 24 | 165* | 169* | 158* | 137* | 116* | 100* | 85.1* | 71.4* | 59.1* | | | 24 |
| 26 | 146* | 152* | 150* | 131* | 112* | 97.8* | 85.1* | 71.4* | 59.1* | 47.4* | | 26 |
| 28 | | 138* | 140* | 126* | 108* | 94.9* | 84.2* | 71.4* | 59.1* | 47.4* | 40.8* | 28 |
| 30 | | 126* | 128* | 120* | 104* | 91.7* | 82.9* | 70.4* | 59.1* | 47.4* | 40.8* | 30 |
| 32 | | 113* | 116* | 115* | 100* | 88.5* | 81.5* | 69.9* | 58.3* | 47.4* | 40.8* | 32 |
| 34 | | | 107* | 108* | 96.7* | 85.4* | 80* | 69.3* | 57.7* | 47.4* | 40.8* | 34 |
| 36 | | | 98.8* | 100* | 92.5* | 82.2* | 78.4* | 68.2* | 57.2* | 46.7* | 40.3* | 36 |
| 38 | | | 87.6* | 90.8* | 88.6* | 79.1* | 77* | 67.1* | 56.6* | 46* | 39.8* | 38 |
| 40 | | | | 84.9* | 84.8* | 76* | 75.5* | 65.8* | 56.1* | 45.4* | 39.3* | 40 |
| 42 | | | | 80* | 78.5* | 73.2* | 74* | 64.3* | 55.5* | 44.8* | 38.8* | 42 |
| 44 | | | | 72.1* | 72.4* | 70.6* | 72.3* | 62.7* | 54.9* | 44.2* | 38.3* | 44 |
| 46 | | | | | 67.4* | 67.2* | 68.3* | 61.2* | 54.4* | 43.6* | 38* | 46 |
| 48 | | | | | 62.3* | 63.8* | 64.3* | 59.7* | 53.8* | 42.8* | 37.7* | 48 |
| 50 | | | | | 58.8* | 59.2* | 60.2* | 57.9* | 53* | 42.2* | 37.5* | 50 |
| 54 | | | | | | 51.6* | 52.3* | 53.6* | 50.5* | 40.9* | 36.7* | 54 |
| 58 | | | | | | | 45.5* | 47.7* | 46.8* | 39.1* | 35.7* | 58 |
| 62 | | | | | | | 40* | 41.3* | 42.6* | 36.7* | 34.4* | 62 |
| 66 | | | | | | | | 34* | 37.7* | 34.5* | 32.3* | 66 |
| 70 | | | | | | | | | 32.6* | 32.2* | 30* | 70 |
| 74 | | | | | | | | | 27.5* | 29.3* | 27.6* | 74 |
| 78 | | | | | | | | | | 25.5* | 25.2* | 78 |
| 82 | | | | | | | | | | | 22.4* | 82 |

注：起重性能带*号，说明此工况下超起配重不能离地。
Note: The data with * mark means that SL counterweight can not be clear off the ground.

主臂角度87°，120t转台平衡重+0t车身平衡重+(0~270)t超起平衡重，超起平衡重半径16m
Boom Angle 87°，120t turntable ballast + 0t car-body counterweight, (0~270) t, SL ballast radius 16m

| 主臂 (m) | 42 | | | | | | | | | | | 主臂 (m) |
|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 副臂 (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 副臂 (m) |
| 幅度 Radius (m) | | | | | | | | | | | | 幅度 Radius (m) |
| 12 | 227* | | | | | | | | | | | 12 |
| 13 | 227* | | | | | | | | | | | 13 |
| 14 | 227* | 191* | | | | | | | | | | 14 |
| 15 | 227* | 191* | 161* | | | | | | | | | 15 |
| 16 | 227* | 191* | 161* | | | | | | | | | 16 |
| 17 | 220* | 191* | 161* | 136* | | | | | | | | 17 |
| 18 | 214* | 191* | 161* | 136* | 112* | | | | | | | 18 |
| 19 | 207* | 186* | 161* | 136* | 112* | 94.9* | | | | | | 19 |
| 20 | 200* | 182* | 161* | 136* | 112* | 94.9* | | | | | | 20 |
| 22 | 186* | 173* | 155* | 134* | 112* | 94.9* | 79.6* | 68.6* | | | | 22 |
| 24 | 168* | 164* | 149* | 130* | 111* | 94.9* | 79.6* | 68.6* | 56.7* | | | 24 |
| 26 | 149* | 155* | 143* | 126* | 108* | 92.6* | 79.6* | 68.6* | 56.7* | 46.1* | | 26 |
| 28 | | 140* | 137* | 122* | 105* | 90.2* | 79.6* | 68.6* | 56.7* | 46.1* | 38.8* | 28 |
| 30 | | 126* | 130* | 117* | 102* | 87.3* | 78.5* | 67.9* | 56.7* | 46.1* | 38.8* | 30 |
| 32 | | 113* | 117* | 113* | 98.6* | 84.5* | 77.6* | 66.8* | 56.2* | 46.1* | 38.8* | 32 |
| 34 | | | 105* | 108* | 95.3* | 81.6* | 76.2* | 64.3* | 55.6* | 46.1* | 38.8* | 34 |
| 36 | | | 98.6* | 101* | 91.9* | 78.8* | 74.8* | 63.8* | 55* | 45.4* | 38.8* | 36 |
| 38 | | | 87.4* | 91.8* | 87.7* | 76* | 73.2* | 63.2* | 54.4* | 44.6* | 38.8* | 38 |
| 40 | | | | 83.8* | 82.6* | 73.1* | 71.8* | 62.2* | 53.8* | 44.2* | 38.3* | 40 |
| 42 | | | | 79.4* | 77.5* | 70.7* | 70.4* | 61.2* | 53.1* | 43.6* | 37.7* | 42 |
| 44 | | | | 71.7* | 72.4* | 68.1* | 68.9* | 60.2* | 52.5* | 42.9* | 37.2* | 44 |
| 46 | | | | | 67.4* | 65.6* | 66.6* | 59* | 51.9* | 42.3* | 37* | 46 |
| 48 | | | | | 62.5* | 63.1* | 64.3* | 57.6* | 51.3* | 41.7* | 36.7* | 48 |
| 50 | | | | | 59.2* | 58.9* | 60.2* | 56.2* | 50.5* | 41.2* | 36.5* | 50 |
| 54 | | | | | | 51.1* | 52.3* | 52.8* | 48.2* | 39.9* | 35.7* | 54 |
| 58 | | | | | | | 45.2* | 47.6* | 45* | 38.1* | 34.7* | 58 |
| 62 | | | | | | | 39.7* | 41.3* | 41.6* | 36* | 33.4* | 62 |
| 66 | | | | | | | | 35.4* | 37.2* | 33.9* | 31.4* | 66 |
| 70 | | | | | | | | | 32.4* | 31.7* | 29.3* | 70 |
| 74 | | | | | | | | | | 28.9* | 27* | 74 |
| 78 | | | | | | | | | | | 24.9* | 78 |
| 82 | | | | | | | | | | | 22.1* | 82 |

注：起重性能带*号，说明此工况下超起配重不能离地。
Note: The data with * mark means that SL counterweight can not be clear off the ground.

超起工况塔式副臂起重性能表
SL Mode Tower Jib
Lifting Load Chart

主臂角度87°，120t转台平衡重+0t车身平衡重+(0~270)t超起平衡重，超起平衡重半径16m
Boom Angle 87°，120t turntable ballast + 0t car-body counterweight, (0~270) t, SL ballast radius 16m

| 主臂 (m) | 48 | | | | | | | | | | | 主臂 (m) |
|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 副臂 (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 副臂 (m) |
| 幅度 Radius (m) | | | | | | | | | | | | 幅度 Radius (m) |
| 13 | 203* | | | | | | | | | | | 13 |
| 14 | 203* | 171* | | | | | | | | | | 14 |
| 15 | 203* | 171* | 145* | | | | | | | | | 15 |
| 16 | 203* | 171* | 145* | | | | | | | | | 16 |
| 17 | 197* | 171* | 145* | 122* | | | | | | | | 17 |
| 18 | 192* | 171* | 145* | 122* | 102* | | | | | | | 18 |
| 19 | 187* | 167* | 145* | 122* | 102* | | | | | | | 19 |
| 20 | 182* | 164* | 145* | 122* | 102* | 85.7* | | | | | | 20 |
| 22 | 172* | 157* | 140* | 122* | 102* | 85.7* | 72.4* | | | | | 22 |
| 24 | 162* | 149* | 135* | 119* | 102* | 85.7* | 72.4* | 61.2* | | | | 24 |
| 26 | 152* | 143* | 130* | 115* | 100* | 85.7* | 72.4* | 61.2* | 52.2* | | | 26 |
| 28 | 128* | 136* | 125* | 112* | 98* | 84.4* | 72.4* | 61.2* | 52.3* | 43* | | 28 |
| 30 | | 130* | 120* | 109* | 95.5* | 82.1* | 72.4* | 61.2* | 52.4* | 43* | 36.7* | 30 |
| 32 | | 115* | 115* | 106* | 92.8* | 79.8* | 71.7* | 60.7* | 52.5* | 43* | 36.7* | 32 |
| 34 | | 99.3* | 109* | 102* | 90.3* | 77.5* | 70.3* | 60.2* | 52.6* | 43* | 36.7* | 34 |
| 36 | | | 98.4* | 97.9* | 87.6* | 75.2* | 68.9* | 59.2* | 51.4* | 42.8* | 36.7* | 36 |
| 38 | | | 89.8* | 93.6* | 84.6* | 72.9* | 67.4* | 58.1* | 50.8* | 42.5* | 36.7* | 38 |
| 40 | | | | 85.7* | 81.4* | 70.7* | 66.1* | 57.3* | 50.1* | 42* | 36.2* | 40 |
| 42 | | | | 79.5* | 78.2* | 68.4* | 64.7* | 56.4* | 49.4* | 41.4* | 35.7* | 42 |
| 44 | | | | 73.1* | 75* | 66.2* | 63.2* | 55.4* | 48.7* | 40.9* | 35.2* | 44 |
| 46 | | | | | 68.9* | 64.1* | 61.2* | 54.4* | 47.9* | 40.4* | 35* | 46 |
| 48 | | | | | 62.7* | 61.8* | 59.3* | 53.4* | 47.3* | 39.8* | 34.7* | 48 |
| 50 | | | | | 58.5* | 58.8* | 57.2* | 51.6* | 46.6* | 39.3* | 34.5* | 50 |
| 54 | | | | | | 51.5* | 52.5* | 48.1* | 44.3* | 38.1* | 33.7* | 54 |
| 58 | | | | | | | 46.2* | 44.7* | 41.3* | 36.4* | 32.9* | 58 |
| 62 | | | | | | | 38.8* | 41.1* | 38.3* | 34.1* | 31.6* | 62 |
| 66 | | | | | | | | 36.5* | 35.2* | 31.7* | 29.4* | 66 |
| 70 | | | | | | | | | 31.9* | 29.5* | 27.1* | 70 |
| 74 | | | | | | | | | 27.5* | 27.1* | 25* | 74 |
| 78 | | | | | | | | | | 24.8* | 22.7* | 78 |
| 82 | | | | | | | | | | | 20.5* | 82 |
| 86 | | | | | | | | | | | 18.3* | 86 |

注：起重性能带*号，说明此工况下超起配重不能落地。

Note: The data with * mark means that SL counterweight can not be clear off the ground.

主臂角度87°，120t转台平衡重+0t车身平衡重+(0~270)t超起平衡重，超起平衡重半径16m
Boom Angle 87°，120t turntable ballast + 0t car-body counterweight, (0~270) t, SL ballast radius 16m

| 主臂 (m) | 54 | | | | | | | | | | | 主臂 (m) |
|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 副臂 (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 副臂 (m) |
| 幅度 Radius (m) | | | | | | | | | | | | 幅度 Radius (m) |
| 13 | 180* | | | | | | | | | | | 13 |
| 14 | 180* | 152* | | | | | | | | | | 14 |
| 15 | 180* | 152* | | | | | | | | | | 15 |
| 16 | 180* | 152* | 130* | | | | | | | | | 16 |
| 17 | 176* | 152* | 130* | 110* | | | | | | | | 17 |
| 18 | 171* | 152* | 130* | 110* | 93.4* | | | | | | | 18 |
| 19 | 167* | 149* | 130* | 110* | 93.5* | | | | | | | 19 |
| 20 | 163* | 146* | 130* | 110* | 93.6* | 78.5* | | | | | | 20 |
| 22 | 156* | 140* | 126* | 110* | 93.7* | 78.5* | 67.9* | | | | | 22 |
| 24 | 149* | 135* | 121* | 108* | 92.9* | 78.5* | 67.9* | 57.1* | | | | 24 |
| 26 | 143* | 130* | 117* | 105* | 90.8* | 78.5* | 67.9* | 57.1* | 48.5* | | | 26 |
| 28 | 133* | 125* | 113* | 102* | 89.5* | 77.5* | 67.9* | 57.1* | 48.6* | 40.8* | | 28 |
| 30 | | 121* | 109* | 99.3* | 87.3* | 76.4* | 67.1* | 57.1* | 48.7* | 40.8* | 34.7* | 30 |
| 32 | | 115* | 106* | 96.4* | 85.1* | 74.6* | 65.8* | 56.6* | 48.8* | 40.8* | 34.7* | 32 |
| 34 | | 102* | 103* | 93.4* | 82.9* | 72.7* | 64.4* | 55.7* | 48.9* | 40.8* | 34.7* | 34 |
| 36 | | | 99.5* | 90.7* | 80.8* | 70.9* | 63* | 54.7* | 47.7* | 40.6* | 34.7* | 36 |
| 38 | | | | 90.8* | 87.8* | 78.3* | 69.2* | 61.6* | 53.7* | 47* | 40.1* | 38 |
| 40 | | | | 79.9* | 85* | 75.9* | 67.3* | 60.3* | 52.7* | 46.2* | 39.7* | 40 |
| 42 | | | | | 78.7* | 73.3* | 65.5* | 58.9* | 51.7* | 45.5* | 39.2* | 42 |
| 44 | | | | | 72.4* | 70.8* | 63.6* | 57.5* | 50.7* | 44.8* | 38.7* | 44 |
| 46 | | | | | | 67.7* | 61.9* | 55.7* | 49.7* | 44* | 38.1* | 46 |
| 48 | | | | | | 64.8* | 60.1* | 53.9* | 48.7* | 43.2* | 37.6* | 48 |
| 50 | | | | | | 58.7* | 57.8* | 52* | 47* | 42.5* | 37.2* | 50 |
| 54 | | | | | | | 51.8* | 48.2* | 43.8* | 40.3* | 36.2* | 54 |
| 58 | | | | | | | | 44.6* | 40.5* | 37.5* | 34.4* | 58 |
| 62 | | | | | | | | 39.8* | 37.2* | 34.7* | 31.9* | 62 |
| 66 | | | | | | | | | 34* | 31.8* | 29.5* | 66 |
| 70 | | | | | | | | | | 29* | 27* | 70 |
| 74 | | | | | | | | | | 26.1* | 24.6* | 74 |
| 78 | | | | | | | | | | | 22.1* | 78 |
| 82 | | | | | | | | | | | 18.1* | 82 |
| 86 | | | | | | | | | | | 15.9* | 86 |

注：起重性能带*号，说明此工况下超起配重不能落地。

Note: The data with * mark means that SL counterweight can not be clear off the ground.

超起工况塔式副臂起重性能表
SL Mode Tower Jib
Lifting Load Chart

主臂角度87°，120t转台平衡重+0t车身平衡重+(0~270)t超起平衡重，超起平衡重半径16m
Boom Angle 87°，120t turntable ballast + 0t car-body counterweight, (0~270) t, SL ballast radius 16m

| 主臂 (m) | 60 | | | | | | | | | | | 主臂 (m) |
|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 副臂 (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 副臂 (m) |
| 幅度 Radius (m) | | | | | | | | | | | | 幅度 Radius (m) |
| 13 | 156* | | | | | | | | | | | 13 |
| 14 | 156* | | | | | | | | | | | 14 |
| 15 | 156* | 132* | | | | | | | | | | 15 |
| 16 | 156* | 132* | | | | | | | | | | 16 |
| 17 | 154* | 132* | 113* | | | | | | | | | 17 |
| 18 | 150* | 132* | 113* | 96.9* | | | | | | | | 18 |
| 19 | 147* | 131* | 113* | 96.9* | 82.6* | | | | | | | 19 |
| 20 | 144* | 129* | 113* | 96.9* | 82.6* | 71.4* | | | | | | 20 |
| 22 | 138* | 124* | 113* | 96.9* | 82.6* | 71.4* | 61.2* | | | | | 22 |
| 24 | 133* | 119* | 110* | 95.9* | 82.6* | 71.4* | 61.2* | 51* | | | | 24 |
| 26 | 128* | 115* | 107* | 93.3* | 81.6* | 71.4* | 61.2* | 51* | 44.6* | | | 26 |
| 28 | | 111* | 103* | 90.8* | 80.6* | 70.4* | 61.2* | 51* | 44.6* | 38.4* | | 28 |
| 30 | | 108* | 100* | 88.2* | 78.7* | 69.4* | 60.4* | 51* | 44.6* | 38.5* | 30.1* | 30 |
| 32 | | 104* | 97.3* | 85.7* | 76.8* | 68.3* | 59.3* | 50.5* | 44.6* | 38.6* | 30.1* | 32 |
| 34 | | 100* | 94.6* | 83.2* | 74.9* | 67.3* | 57.9* | 50* | 44.6* | 38.7* | 30.1* | 34 |
| 36 | | | 91.8* | 81* | 72.9* | 65.8* | 56.7* | 49.5* | 44* | 37.7* | 30.1* | 36 |
| 38 | | | 89* | 78.7* | 71.1* | 64.4* | 55.4* | 49* | 43.1* | 36.7* | 30.1* | 38 |
| 40 | | | 86.4* | 76.6* | 69.3* | 62.8* | 54.1* | 48* | 42.4* | 36.7* | 30.1* | 40 |
| 42 | | | 81.6* | 74.3* | 67.4* | 61.3* | 52.8* | 47* | 41.6* | 36.2* | 29.4* | 42 |
| 44 | | | | 71.9* | 65.6* | 59.8* | 51.5* | 45.9* | 40.8* | 35.7* | 29* | 44 |
| 46 | | | | 67.3* | 63.9* | 58.2* | 50* | 44.9* | 40* | 35.1* | 28.7* | 46 |
| 48 | | | | | 62* | 56.7* | 48.3* | 43.9* | 39.2* | 34.6* | 28.4* | 48 |
| 50 | | | | | 59* | 55.2* | 46.7* | 42.4* | 38.4* | 34* | 27.9* | 50 |
| 54 | | | | | | 51.5* | 43.4* | 39.5* | 36.3* | 32.7* | 27.3* | 54 |
| 58 | | | | | | | 40* | 36.5* | 33.7* | 31* | 26.6* | 58 |
| 62 | | | | | | | | 36.7* | 33.5* | 31.1* | 28.8* | 62 |
| 66 | | | | | | | | | 30.5* | 28.5* | 26.4* | 66 |
| 70 | | | | | | | | | | 25.8* | 24.4* | 70 |
| 74 | | | | | | | | | | | 23.3* | 74 |
| 78 | | | | | | | | | | | 19.6* | 78 |
| 82 | | | | | | | | | | | 15.6* | 82 |
| 86 | | | | | | | | | | | 13.7* | 86 |

注：起重性能带*号，说明此工况下超起配重不能离地。

Note: The data with * mark means that SL counterweight can not be clear off the ground.

主臂角度87°，120t转台平衡重+0t车身平衡重+(0~270)t超起平衡重，超起平衡重半径16m
Boom Angle 87°，120t turntable ballast + 0t car-body counterweight, (0~270) t, SL ballast radius 16m

| 主臂 (m) | 66 | | | | | | | | | | | 主臂 (m) |
|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 副臂 (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 副臂 (m) |
| 幅度 Radius (m) | | | | | | | | | | | | 幅度 Radius (m) |
| 14 | 132* | | | | | | | | | | | 14 |
| 15 | 131* | 113* | | | | | | | | | | 15 |
| 16 | 131* | 113* | 98.6* | | | | | | | | | 16 |
| 17 | 131* | 113* | 97.4* | | | | | | | | | 17 |
| 18 | 131* | 113* | 96.9* | 84.6* | | | | | | | | 18 |
| 19 | 129* | 113* | 96.9* | 83.6* | 73.4* | | | | | | | 19 |
| 20 | 127* | 113* | 96.9* | 83.6* | 73.4* | 63.2* | | | | | | 20 |
| 22 | 123* | 109* | 96.9* | 83.6* | 73.4* | 63.2* | 55.1* | | | | | 22 |
| 24 | 119* | 106* | 94.9* | 83.6* | 73.4* | 63.2* | 55.1* | 46.9* | | | | 24 |
| 26 | 115* | 103* | 92.8* | 81.6* | 72.4* | 63.2* | 55.1* | 46.9* | 40.8* | | | 26 |
| 28 | 112* | 100* | 89.8* | 80.6* | 71.4* | 63.2* | 55.1* | 46.9* | 40.8* | 33.7* | | 28 |
| 30 | | 96.9* | 87.7* | 78.5* | 70.4* | 62.2* | 55.1* | 46.9* | 40.8* | 33.7* | 26.5* | 30 |
| 32 | | 93.8* | 85.2* | 76.5* | 68.9* | 61.2* | 54.1* | 46.9* | 40.8* | 33.7* | 26.5* | 32 |
| 34 | | 90.8* | 82.6* | 74.5* | 67.3* | 60.2* | 53* | 46.9* | 40.8* | 33.7* | 26.5* | 34 |
| 36 | | | 80.1* | 72.4* | 65.8* | 59.2* | 52.5* | 46.4* | 40.3* | 33.7* | 26.5* | 36 |
| 38 | | | 77.5* | 70.4* | 64.3* | 58.1* | 51.5* | 45.9* | 39.8* | 33.7* | 26.5* | 38 |
| 40 | | | 75.5* | 68.9* | 62.7* | 56.6* | 50.3* | 44.8* | 39.3* | 33.2* | 26.5* | 40 |
| 42 | | | | 67.1* | 61.2* | 55.4* | 49* | 43.8* | 38.7* | 32.9* | 26.5* | 42 |
| 44 | | | | 65.3* | 59.7* | 54.1* | 47.6* | 42.6* | 38* | 32.6* | 26.5* | 44 |
| 46 | | | | 63.2* | 58.1* | 53* | 46.1* | 41.5* | 37.1* | 32.4* | 26.3* | 46 |
| 48 | | | | | 57.1* | 52* | 44.7* | 40.5* | 36.3* | 32.1* | 26* | 48 |
| 50 | | | | | 55.6* | 50.9* | 43.1* | 39.2* | 35.4* | 31.5* | 25.8* | 50 |
| 54 | | | | | | 48.2* | 40.1* | 36.4* | 33.4* | 30.2* | 25.2* | 54 |
| 58 | | | | | | 45.4* | 37* | 33.7* | 31* | 28.5* | 24.5* | 58 |
| 62 | | | | | | | 34* | 30.9* | 28.6* | 26.4* | 23.3* | 62 |
| 66 | | | | | | | | 28.2* | 26.2* | 24.3* | 21.4* | 66 |
| 70 | | | | | | | | | 23.8* | 22.1* | 19.6* | 70 |
| 74 | | | | | | | | | | 21.3* | 20* | 74 |
| 78 | | | | | | | | | | | 17.9* | 78 |
| 82 | | | | | | | | | | | 14.2* | 82 |
| 86 | | | | | | | | | | | 12.2* | 86 |

注：起重性能带*号，说明此工况下超起配重不能离地。

Note: The data with * mark means that SL counterweight can not be clear off the ground.

超起工况塔式副臂起重性能表
SL Mode Tower Jib
Lifting Load Chart

主臂角度87°，120t转台平衡重+0t车身平衡重+(0~270)t超起平衡重，超起平衡重半径16m
Boom Angle 87°，120t turntable ballast + 0t car-body counterweight, (0~270) t, SL ballast radius 16m

| 主臂 (m) | 72 | | | | | | | | | | | 主臂 (m) |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 副臂 (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 副臂 (m) |
| 幅度 Radius (m) | | | | | | | | | | | | 幅度 Radius (m) |
| 14 | 114* | | | | | | | | | | | 14 |
| 15 | 113* | | | | | | | | | | | 15 |
| 16 | 112* | 98.4* | | | | | | | | | | 16 |
| 17 | 112* | 97* | 85.5* | | | | | | | | | 17 |
| 18 | 112* | 96.9* | 84.4* | | | | | | | | | 18 |
| 19 | 111* | 96.9* | 83.6* | 73.7* | | | | | | | | 19 |
| 20 | 110* | 96.9* | 83.6* | 72.9* | 64.3* | | | | | | | 20 |
| 22 | 106* | 94.9* | 83.6* | 72.4* | 64.3* | 55.2* | | | | | | 22 |
| 24 | 103* | 92.8* | 82.6* | 72.4* | 64.3* | 54.2* | 47.9* | 39.8* | | | | 24 |
| 26 | 98.9* | 89.8* | 80.6* | 71.4* | 64.3* | 54.1* | 47.9* | 39.8* | 33.7* | | | 26 |
| 28 | 97.9* | 86.7* | 78.5* | 70.4* | 63.2* | 54.1* | 47.9* | 39.8* | 33.7* | 27.5* | | 28 |
| 30 | | 84.7* | 76.5* | 68.3* | 61.2* | 53* | 47.9* | 39.8* | 33.7* | 27.5* | 22.5* | 30 |
| 32 | | 82.1* | 74.5* | 66.8* | 60.2* | 52.5* | 46.9* | 39.8* | 33.7* | 27.5* | 22.2* | 32 |
| 34 | | 79.6* | 72.4* | 65.3* | 59.2* | 52* | 45.9* | 39.8* | 33.7* | 27.5* | 21.9* | 34 |
| 36 | | | 70.4* | 63.8* | 58.1* | 51* | 45.9* | 39.8* | 33.7* | 27.5* | 21.5* | 36 |
| 38 | | | 68.3* | 62.2* | 57.1* | 50* | 45.7* | 39.8* | 33.7* | 27.5* | 21.4* | 38 |
| 40 | | | 64.8* | 60.7* | 55.6* | 49* | 44.6* | 39.3* | 33.7* | 27.5* | 21.4* | 40 |
| 42 | | | | 58.7* | 54.4* | 47.9* | 43.5* | 38.6* | 33.6* | 27.5* | 21.4* | 42 |
| 44 | | | | 56.6* | 53* | 46.9* | 42.3* | 37.7* | 33.5* | 27.5* | 21.4* | 44 |
| 46 | | | | 54.1* | 51.8* | 45.9* | 41* | 36.8* | 32.7* | 27.3* | 21.4* | 46 |
| 48 | | | | | 50.5* | 44.9* | 39.7* | 35.9* | 32* | 27* | 21.4* | 48 |
| 50 | | | | | 49.3* | 43.9* | 38.4* | 34.8* | 31.2* | 26.6* | 21.4* | 50 |
| 54 | | | | | | 41.6* | 35.6* | 32.3* | 29.5* | 25.6* | 21.4* | 54 |
| 58 | | | | | | 38.8* | 32.8* | 29.8* | 27.3* | 24.2* | 21.1* | 58 |
| 62 | | | | | | | 30.1* | 27.3* | 25.1* | 22.3* | 20.1* | 62 |
| 66 | | | | | | | | 24.8* | 23* | 20.5* | 18.5* | 66 |
| 70 | | | | | | | | | 22.3* | 20.7* | 18.7* | 70 |
| 74 | | | | | | | | | | 18.6* | 16.8* | 74 |
| 78 | | | | | | | | | | | 15* | 78 |
| 82 | | | | | | | | | | | | 82 |
| 86 | | | | | | | | | | | | 86 |

注：起重性能带*号，说明此工况下超起配重不能离地。
Note: The data with * mark means that SL counterweight can not be clear off the ground.

主臂角度87°，120t转台平衡重+0t车身平衡重+(0~270)t超起平衡重，超起平衡重半径16m
Boom Angle 87°，120t turntable ballast + 0t car-body counterweight, (0~270) t, SL ballast radius 16m

| 主臂 (m) | 78 | | | | | | | | | | | 主臂 (m) |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 副臂 (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 副臂 (m) |
| 幅度 Radius (m) | | | | | | | | | | | | 幅度 Radius (m) |
| 14 | 100* | | | | | | | | | | | 14 |
| 15 | 98.9* | | | | | | | | | | | 15 |
| 16 | 97.9* | 86.1* | | | | | | | | | | 16 |
| 17 | 97.9* | 84.9* | 75.1* | | | | | | | | | 17 |
| 18 | 97.9* | 84.7* | 74.2* | 65.6* | | | | | | | | 18 |
| 19 | 96.9* | 84.7* | 73.4* | 64.9* | | | | | | | | 19 |
| 20 | 95.9* | 84.7* | 73.4* | 64.2* | 56.3* | | | | | | | 20 |
| 22 | 92.8* | 82.6* | 73.4* | 63.2* | 55.1* | 48.7* | | | | | | 22 |
| 24 | 89.8* | 80.6* | 72.4* | 63.2* | 55.1* | 47.6* | 40.8* | 34.1* | | | | 24 |
| 26 | 86.7* | 78.5* | 70.4* | 62.2* | 55.1* | 46.9* | 40.8* | 33.7* | 28.6* | | | 26 |
| 28 | 84.7* | 75.5* | 68.3* | 61.2* | 55.1* | 46.9* | 40.8* | 33.7* | 28.6* | 23.4* | | 28 |
| 30 | | 73.4* | 66.3* | 60.2* | 53* | 46.9* | 40.8* | 33.7* | 28.6* | 22.8* | 19.1* | 30 |
| 32 | | 71.4* | 64.8* | 58.7* | 52* | 45.9* | 40.8* | 33.7* | 28.6* | 22.4* | 18.7* | 32 |
| 34 | | 69.4* | 63.2* | 57.1* | 51* | 44.9* | 40.8* | 33.7* | 28.6* | 22.4* | 18.3* | 34 |
| 36 | | | 61.2* | 55.6* | 50* | 43.9* | 40.7* | 33.7* | 28.6* | 22.4* | 17.9* | 36 |
| 38 | | | 59.2* | 54.1* | 49* | 42.8* | 39.6* | 33.7* | 28.6* | 22.4* | 17.3* | 38 |
| 40 | | | 57.6* | 52.5* | 47.4* | 42.3* | 38.6* | 33.7* | 28.1* | 22.4* | 17.3* | 40 |
| 42 | | | | 51* | 46.2* | 41.6* | 37.4* | 33* | 27.8* | 22.4* | 17.3* | 42 |
| 44 | | | | 49.5* | 44.9* | 40.8* | 36.4* | 32.4* | 27.5* | 22.4* | 17.3* | 44 |
| 46 | | | | 47.9* | 43.9* | 39.8* | 35.3* | 31.6* | 27.4* | 22.4* | 17.3* | 46 |
| 48 | | | | | 42.8* | 38.8* | 34.3* | 30.7* | 27.2* | 22.4* | 17.3* | 48 |
| 50 | | | | | 41.8* | 37.7* | 33.2* | 29.7* | 26.5* | 22.4* | 17.3* | 50 |
| 54 | | | | | | 36* | 30.9* | 27.7* | 25* | 22.1* | 17.3* | 54 |
| 58 | | | | | | 34.7* | 28.7* | 25.7* | 23.2* | 21* | 17.3* | 58 |
| 62 | | | | | | | 26.4* | 23.6* | 21.3* | 19.4* | 16.8* | 62 |
| 66 | | | | | | | | 21.5* | 19.5* | 17.7* | 15.6* | 66 |
| 70 | | | | | | | | | 19.5* | 17.6* | 16.1* | 70 |
| 74 | | | | | | | | | | 15.8* | 14.5* | 74 |
| 78 | | | | | | | | | | | 12.9* | 78 |
| 82 | | | | | | | | | | | | 82 |
| 86 | | | | | | | | | | | | 86 |

注：起重性能带*号，说明此工况下超起配重不能离地。
Note: The data with * mark means that SL counterweight can not be clear off the ground.

超起工况塔式副臂起重性能表
SL Mode Tower Jib
Lifting Load Chart

主臂角度87°，120t转台平衡重+0t车身平衡重+(0~270)t超起平衡重，超起平衡重半径16m
Boom Angle 87°，120t turntable ballast + 0t car-body counterweight, (0~270) t, SL ballast radius 16m

| 主臂 (m) | 84 | | | | | | | | | | | 主臂 (m) |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 副臂 (m) | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 副臂 (m) |
| 幅度 Radius (m) | | | | | | | | | | | | 幅度 Radius (m) |
| 15 | 86.1* | | | | | | | | | | | 15 |
| 16 | 85.7* | 79.6* | | | | | | | | | | 16 |
| 17 | 85.7* | 79.6* | 65.6* | | | | | | | | | 17 |
| 18 | 85.7* | 79.6* | 64.8* | | | | | | | | | 18 |
| 19 | 85.7* | 79.6* | 64.3* | 56.5* | | | | | | | | 19 |
| 20 | 85.7* | 79.6* | 64.3* | 55.8* | 49.3* | | | | | | | 20 |
| 22 | 80.6* | 77.7* | 64.3* | 55.1* | 48.1* | 42.6* | | | | | | 22 |
| 24 | 77.5* | 73.4* | 63.2* | 55.1* | 47.9* | 41.7* | 33.7* | | | | | 24 |
| 26 | 75.5* | 68.3* | 61.2* | 55.1* | 47.9* | 40.8* | 33.7* | 27.5* | 23.2* | | | 26 |
| 28 | 73.4* | 66.3* | 60.2* | 54.1* | 47.9* | 40.8* | 33.7* | 27.5* | 22.5* | 19.2* | | 28 |
| 30 | 71.4* | 64.3* | 58.1* | 52* | 46.9* | 40.8* | 33.7* | 27.5* | 22* | 18.8* | 15.3* | 30 |
| 32 | | 62.2* | 56.6* | 51* | 45.9* | 40.3* | 33.2* | 27.5* | 21.4* | 18.3* | 14.9* | 32 |
| 34 | | 60.2* | 55.1* | 50* | 44.9* | 39.8* | 32.6* | 27.5* | 21.4* | 17.7* | 14.6* | 34 |
| 36 | | | 53.6* | 48.5* | 43.9* | 38.8* | 32.6* | 27.5* | 21.4* | 17.3* | 14.2* | 36 |
| 38 | | | 52* | 46.9* | 42.8* | 37.7* | 32.6* | 27.5* | 21.4* | 17.3* | 13.7* | 38 |
| 40 | | | 50.5* | 45.4* | 41.8* | 36.7* | 32.1* | 27.5* | 21.4* | 17.3* | 13.3* | 40 |
| 42 | | | | 44.2* | 40.8* | 35.7* | 31.6* | 27.3* | 21.4* | 17.3* | 12.9* | 42 |
| 44 | | | | 42.8* | 39.8* | 34.7* | 31* | 27* | 21.4* | 17.3* | 12.4* | 44 |
| 46 | | | | 41.8* | 38.8* | 34* | 30.1* | 26.5* | 21.4* | 17.3* | 12.3* | 46 |
| 48 | | | | | 37.7* | 33.2* | 29.2* | 25.9* | 21.4* | 17.3* | 12.2* | 48 |
| 50 | | | | | 36.7* | 32.4* | 28.3* | 25.1* | 21.4* | 17.3* | 12.2* | 50 |
| 54 | | | | | | 30.9* | 26.5* | 23.5* | 20.7* | 17.1* | 12.2* | 54 |
| 58 | | | | | | 29.6* | 24.7* | 21.7* | 19.3* | 16.6* | 12.2* | 58 |
| 62 | | | | | | | 23* | 20.1* | 17.7* | 15.8* | 12.2* | 62 |
| 66 | | | | | | | | 18.5* | 16.3* | 14.5* | 12* | 66 |
| 70 | | | | | | | | 16.7* | 14.8* | 13.2* | 11.2* | 70 |
| 74 | | | | | | | | | 13.3* | 11.8* | 9.9* | 74 |
| 78 | | | | | | | | | | 10.5* | 8.7* | 78 |
| 82 | | | | | | | | | | 9.1* | 7.4* | 82 |
| 86 | | | | | | | | | | | 6.2* | 86 |

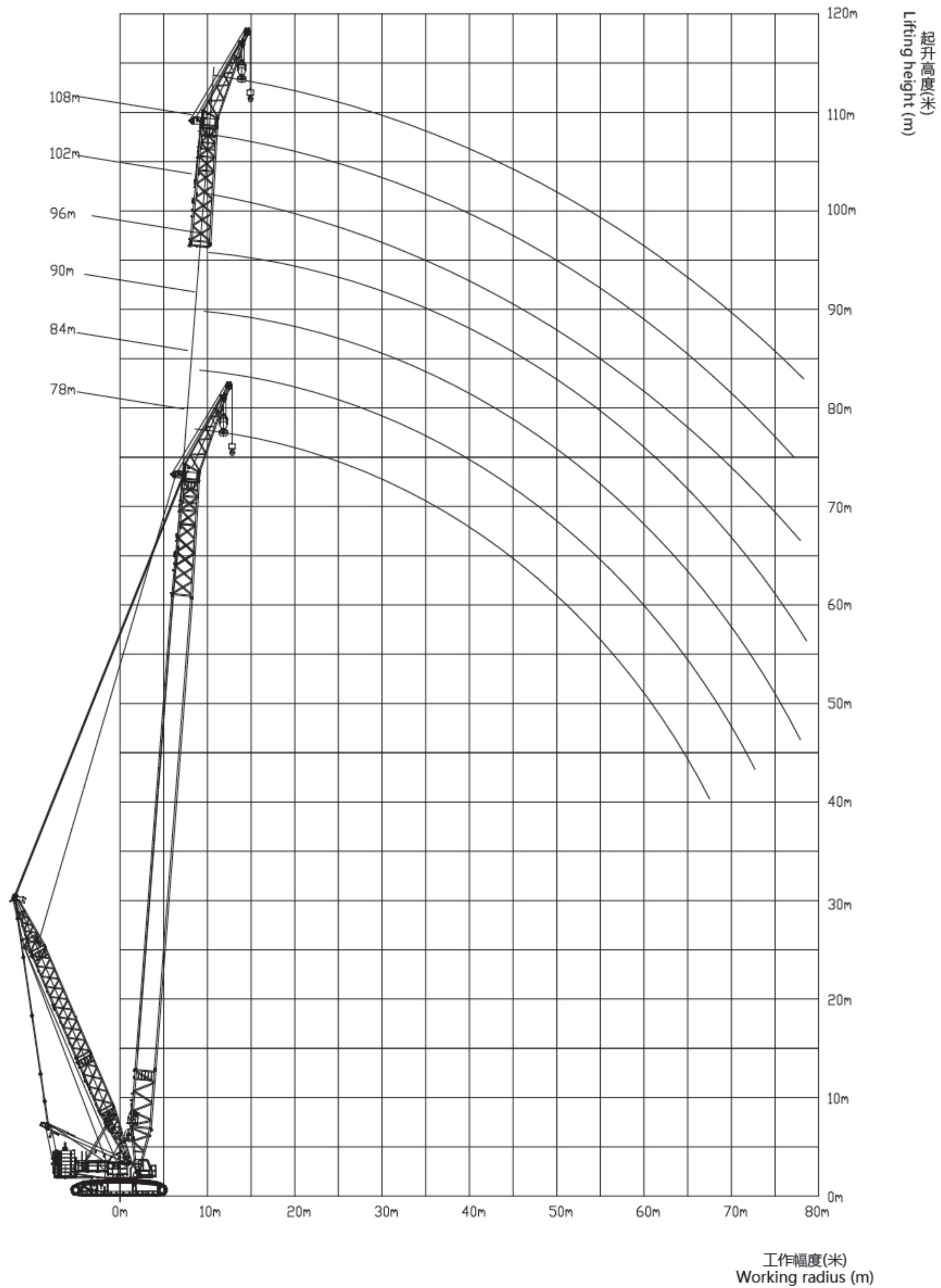
注：起重性能带*号，说明此工况下超起配重不能落地。
Note: The data with * mark means that SL counterweight can not be clear off the ground.

超起工况风电副臂臂节组合/风电副臂
SL Mode Boom Point For Wind Power Combinations

| 臂长 Boom length (m) | 中间臂节 Boom insert | | |
|--------------------------|---------------------------------|---|---|
| | 重型主臂 6m中间节 6m boom insert | 重型主臂12m (厚臂)中间节 12m heavy boom insert | 重型主臂12m (薄臂)中间节 12m light boom insert |
| 78 | 1 | 2 | 2 |
| 84 | 2 | 2 | 2 |
| 90 | 1 | 2 | 3 |
| 96 | 2 | 2 | 3 |
| 102 | 1 | 2 | 4 |
| 108 | 2 | 2 | 4 |



超起工况风电副臂作业
范围图
SL Mode Boom Point For
Wind Power Working Area



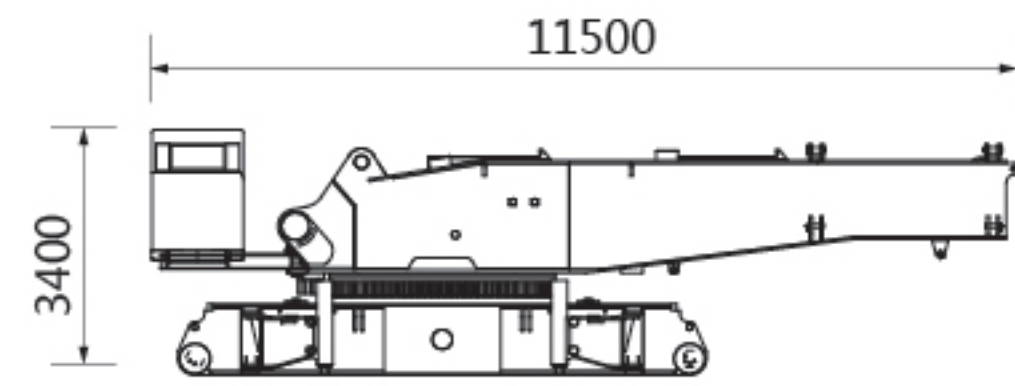
超起工况风电副臂起重性能表
SL Mode Boom Point For Wind Power Lifting Load Chart

160t转台平衡重+40t车身平衡重)
160t turntable ballast + 40t car-body ballast

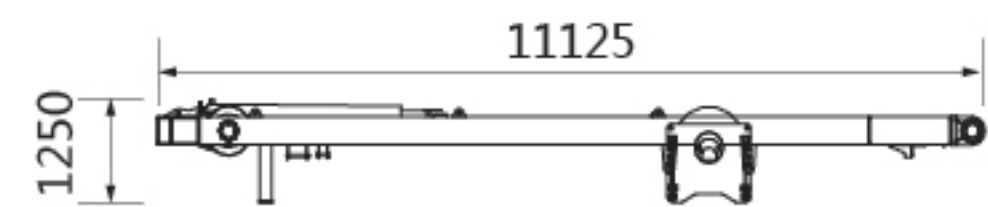
| 幅度 Radius (m) | 臂长 Boom length (m) | | | | | | 幅度 Radius (m) |
|---------------|--------------------|-------|-------|------|-------|-------|---------------|
| | 78+7 | 84+7 | 90+7 | 96+7 | 102+7 | 108+7 | |
| 14 | 116.0 | | | | | | 14 |
| 16 | 116.0 | 116.0 | 110.0 | | | | 16 |
| 18 | 110.0 | 110.0 | 110.0 | 95.0 | | | 18 |
| 20 | 101.9 | 100.5 | 100.0 | 95.0 | 90 | 88 | 20 |
| 22 | 89.5 | 88.2 | 92.5 | 91.8 | 86 | 84 | 22 |
| 24 | 79.4 | 78.2 | 81.5 | 80.7 | 78 | 76 | 24 |
| 26 | 70.8 | 69.8 | 72.5 | 71.7 | 69 | 68 | 26 |
| 28 | 63.3 | 62.7 | 65.0 | 64.2 | 62 | 60 | 28 |
| 30 | 55.0 | 56.3 | 58.7 | 57.8 | 55 | 53 | 30 |
| 34 | 46.7 | 46.1 | 48.5 | 47.6 | 45 | 43 | 34 |
| 38 | 38.9 | 38.3 | 40.7 | 39.8 | 36 | 35 | 38 |
| 42 | 32.9 | 32.1 | 34.6 | 33.6 | 30 | 28 | 42 |
| 46 | 27.9 | 27.1 | 29.6 | 28.6 | 25 | 24 | 46 |
| 50 | 23.8 | 23.0 | 25.5 | 24.5 | 22 | 20 | 50 |
| 54 | 20.3 | 19.5 | 22.0 | 21.0 | 19 | 18 | 54 |
| 58 | 17.3 | 16.5 | 19.0 | 18.0 | 15 | 13 | 58 |
| 62 | 14.8 | 14.0 | 16.5 | 15.5 | 12 | 10 | 62 |

备注：当使用102+7和108+7超起风电臂工况时，配重使用数量组合为180t转台平衡重+40t车身平衡重，必须使用侧向支腿侧向起落臂，且臂架仰角在30°之内不要带吊钩起落，30°之内尽量不要停，使起落臂过程连续。

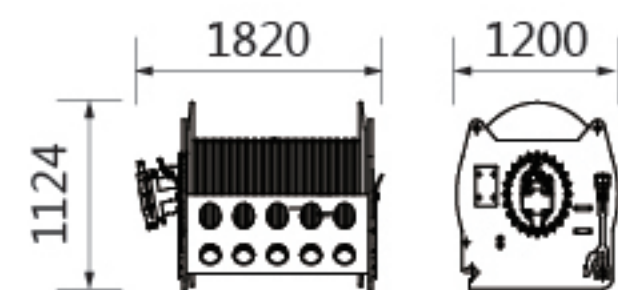
主要零部件
Main parts



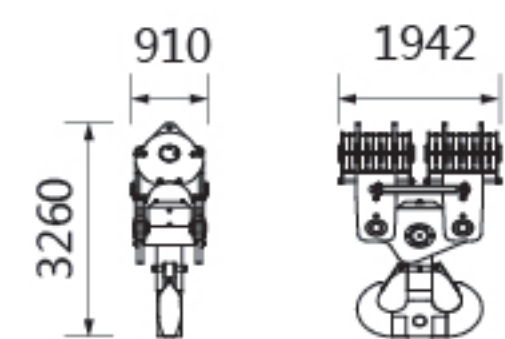
| | |
|---------------------|---------|
| 主机 Basic machine | ×1 |
| 长(L) | 11500mm |
| 宽(W) | 3400mm |
| 高(H) | 3400mm |
| 重量(W) | 55t |



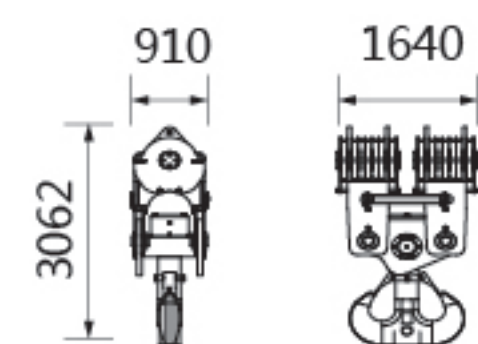
| | |
|--------------|---------|
| 桅杆总成 Mast | ×1 |
| 长(L) | 11125mm |
| 宽(W) | 2200mm |
| 高(H) | 1250mm |
| 重量(W) | 9.8t |



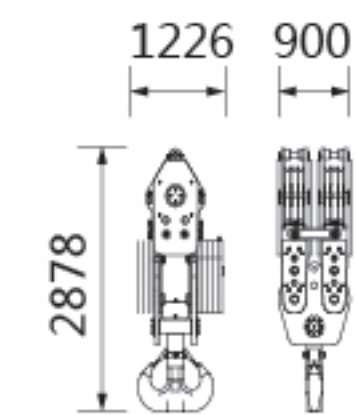
| | |
|--------------------------|--------|
| 主副起升卷扬 Main/Aux winch | ×2 |
| 长(L) | 1820mm |
| 宽(W) | 1200mm |
| 高(H) | 1124mm |
| 重量(W) | 5.1t |



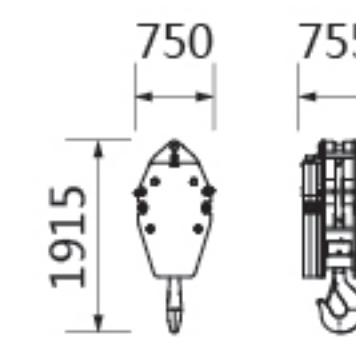
| | |
|--|--------|
| 500t吊钩 (选配) 500t Hook block(Option) | ×1 |
| 长(L) | 1942mm |
| 宽(W) | 910mm |
| 高(H) | 3260mm |
| 重量(W) | 7.4t |



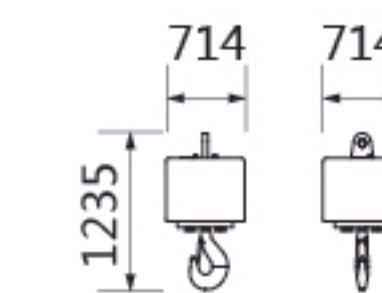
| | |
|---------------------------|--------|
| 400t吊钩 400t Hook block | ×1 |
| 长(L) | 1640mm |
| 宽(W) | 910mm |
| 高(H) | 3062mm |
| 重量(W) | 6.1t |



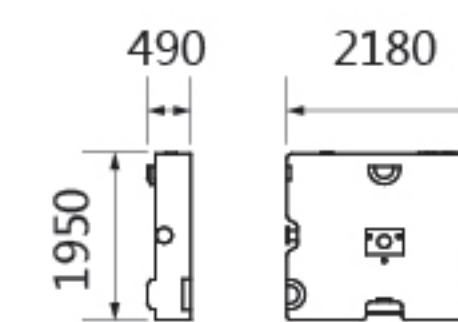
| | |
|---------------------------|--------|
| 200t吊钩 200t Hook block | ×1 |
| 长(L) | 1226mm |
| 宽(W) | 900mm |
| 高(H) | 2878mm |
| 重量(W) | 5.4t |



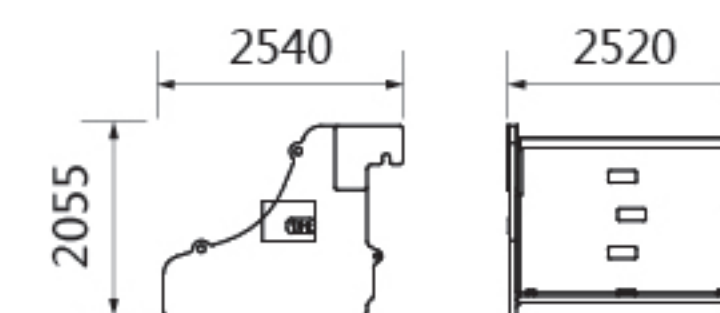
| | |
|-------------------------|--------|
| 50t吊钩 50t Hook block | ×1 |
| 长(L) | 755mm |
| 宽(W) | 750mm |
| 高(H) | 1915mm |
| 重量(W) | 2.8t |



| | |
|-------------------------|--------|
| 16t吊钩 16t Hook block | ×1 |
| 长(L) | 714mm |
| 宽(W) | 714mm |
| 高(H) | 1235mm |
| 重量(W) | 0.9t |

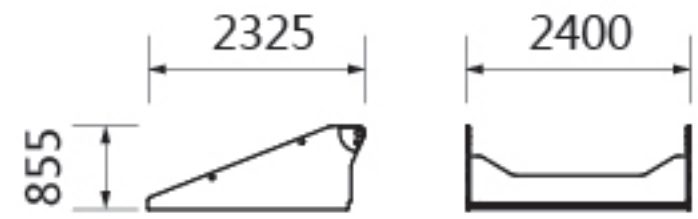


| | |
|-----------------------|--------|
| 平衡重块 Counterweight | ×32 |
| 长(L) | 2180mm |
| 宽(W) | 1950mm |
| 高(H) | 490mm |
| 重量(W) | 10t |

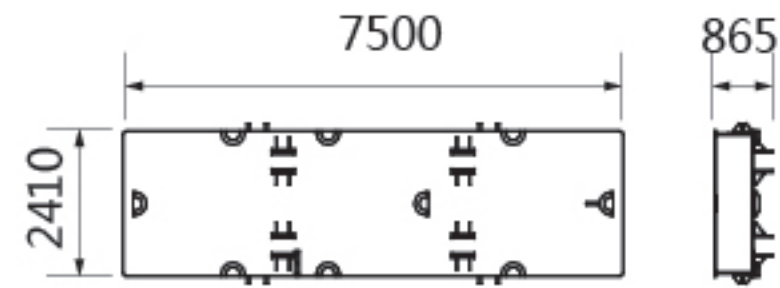


| | |
|--------------------------------------|--------|
| 上车平衡重箱 Superstructure ballast box | ×2 |
| 长(L) | 2540mm |
| 宽(W) | 2520mm |
| 高(H) | 2055mm |
| 重量(W) | 10t |

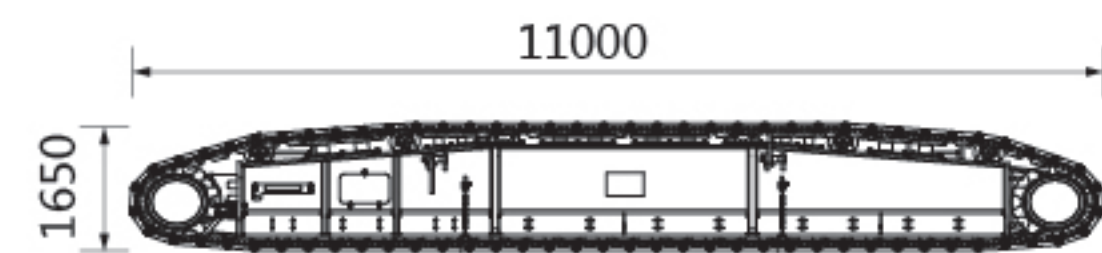
主要零部件
Main parts



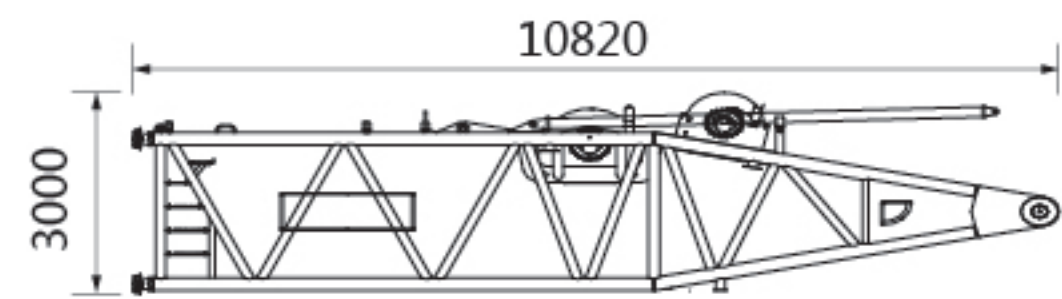
| | |
|-------------------------------|--------|
| 车身配重箱 Car-body ballast box | ×2 |
| 长(L) | 2325mm |
| 宽(W) | 2400mm |
| 高(H) | 855mm |
| 重量(W) | 11.3t |



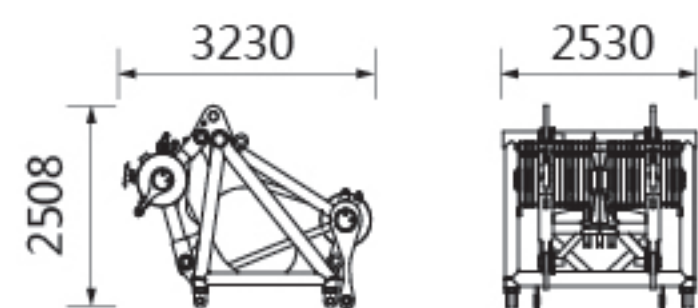
| | |
|----------------------------|--------|
| 超起平衡重托盘 SL ballast tray | ×1 |
| 长(L) | 7500mm |
| 宽(W) | 2410mm |
| 高(H) | 865mm |
| 重量(W) | 30t |



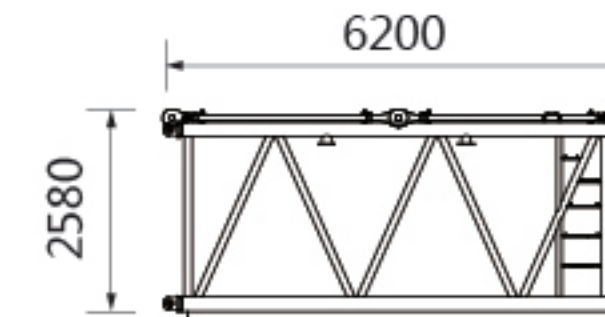
| | |
|----------------|---------|
| 履带架 Crawler | ×2 |
| 长(L) | 11000mm |
| 宽(W) | 1412mm |
| 高(H) | 1650mm |
| 重量(W) | 35t |



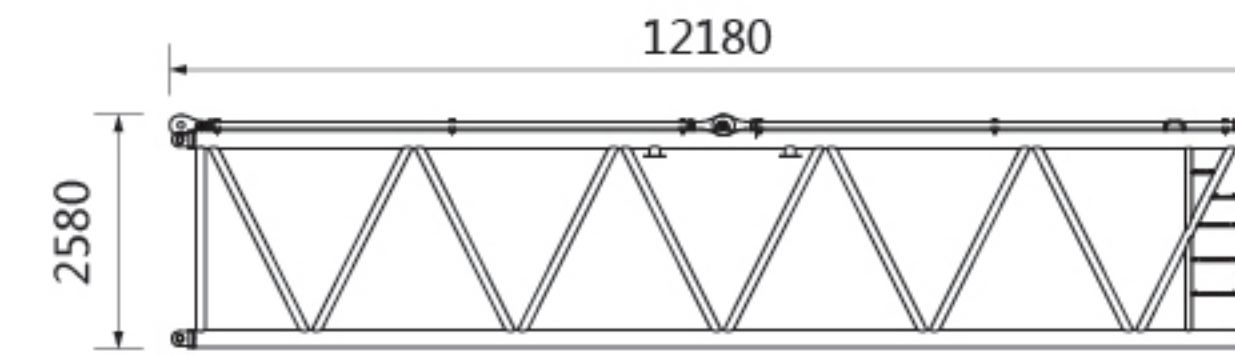
| | |
|-------------------------------|---------|
| 主臂底节臂10.5m 10.5m boom butt | ×1 |
| 长(L) | 10820mm |
| 宽(W) | 3040mm |
| 高(H) | 3000mm |
| 重量(W) | 14.1t |



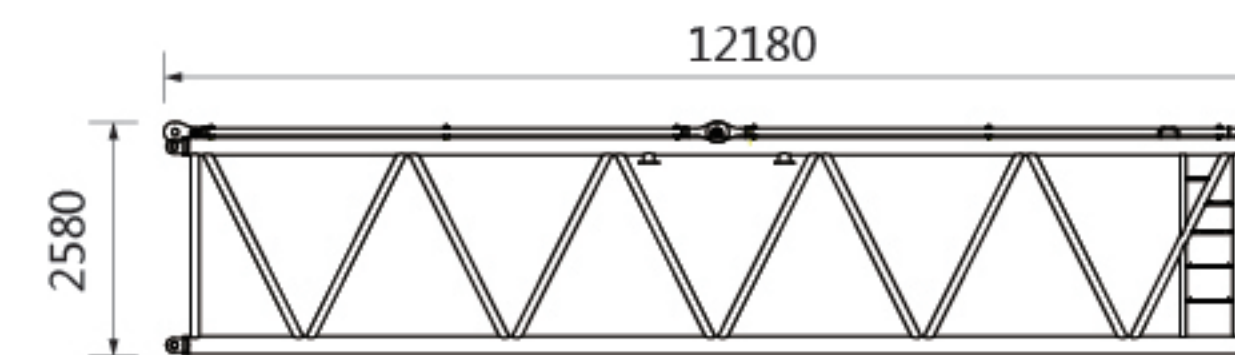
| | |
|-------------------|--------|
| 主臂臂头 Boom head | ×1 |
| 长(L) | 3230mm |
| 宽(W) | 2530mm |
| 高(H) | 2508mm |
| 重量(W) | 4.94t |



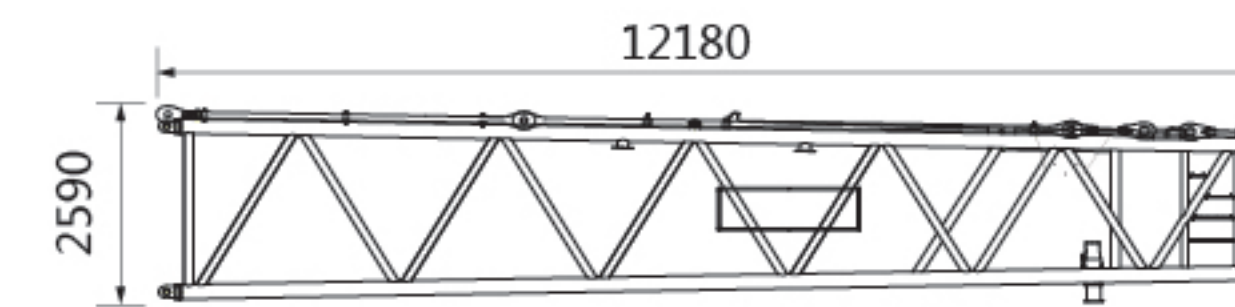
| | |
|---------------------------|--------|
| 主臂6m中间节 6m Boom insert | ×2 |
| 长(L) | 6200mm |
| 宽(W) | 3000mm |
| 高(H) | 2580mm |
| 重量(W) | 3.5t |



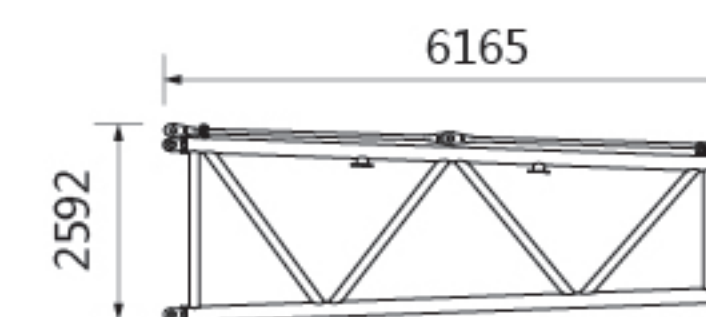
| | |
|-------------------------------|---------|
| 主臂12m重型节 12m Boom insert A | ×2 |
| 长(L) | 12180mm |
| 宽(W) | 3000mm |
| 高(H) | 2580mm |
| 重量(W) | 6.1t |



| | |
|--------------------------------|---------|
| 主臂12m 轻型节 12m Boom insert B | ×3 |
| 长(L) | 12180mm |
| 宽(W) | 3000mm |
| 高(H) | 2580mm |
| 重量(W) | 5.4t |

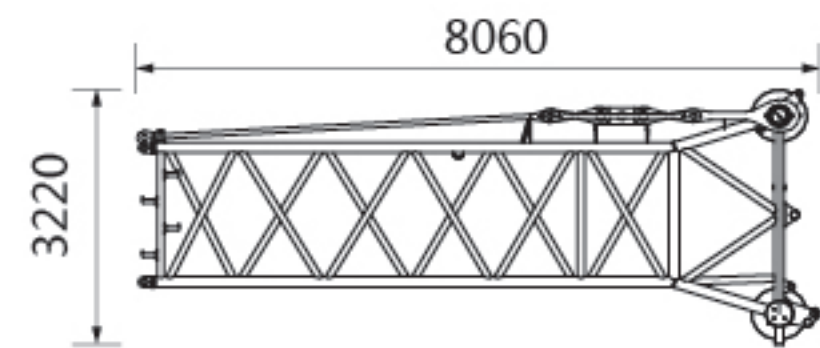


| | |
|---------------------------------|---------|
| 主臂12m锥形节 12m Tapered section | ×1 |
| 长(L) | 12180mm |
| 宽(W) | 3000mm |
| 高(H) | 2590mm |
| 重量(W) | 6.7t |

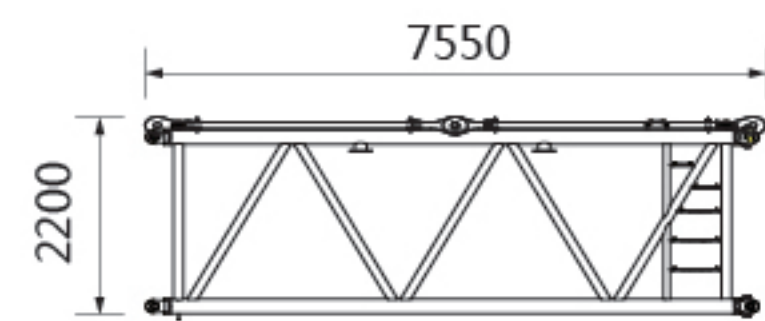


| | |
|-------------------------------------|--------|
| 6m 轻型过渡节 6m Light boom extension | ×1 |
| 长(L) | 6165mm |
| 宽(W) | 3000mm |
| 高(H) | 2592mm |
| 重量(W) | 1.985t |

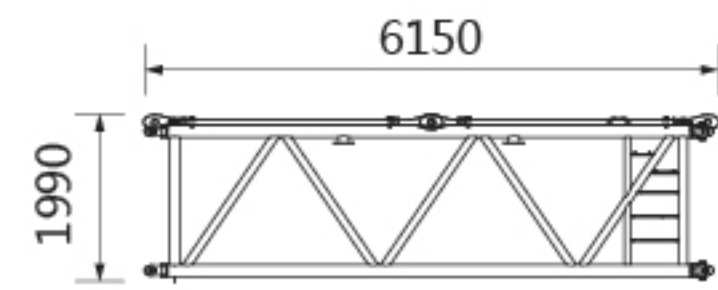
主要零部件
Main parts



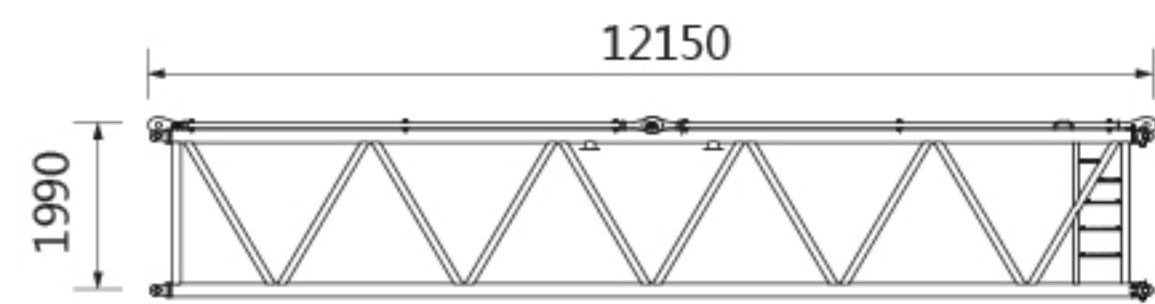
| | |
|------------------------|--------|
| 塔臂顶节臂 Tower jib top | ×1 |
| 长(L) | 8060mm |
| 宽(W) | 2440mm |
| 高(H) | 3220mm |
| 重量(W) | 4.12t |



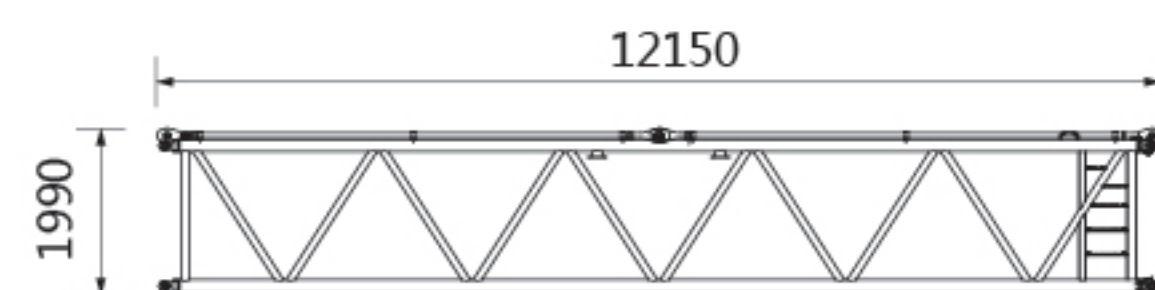
| | |
|----------------------------------|--------|
| 塔臂6m重型节 6m Tower jib insert A | ×1 |
| 长(L) | 7550mm |
| 宽(W) | 2450mm |
| 高(H) | 2200mm |
| 重量(W) | 2.05t |



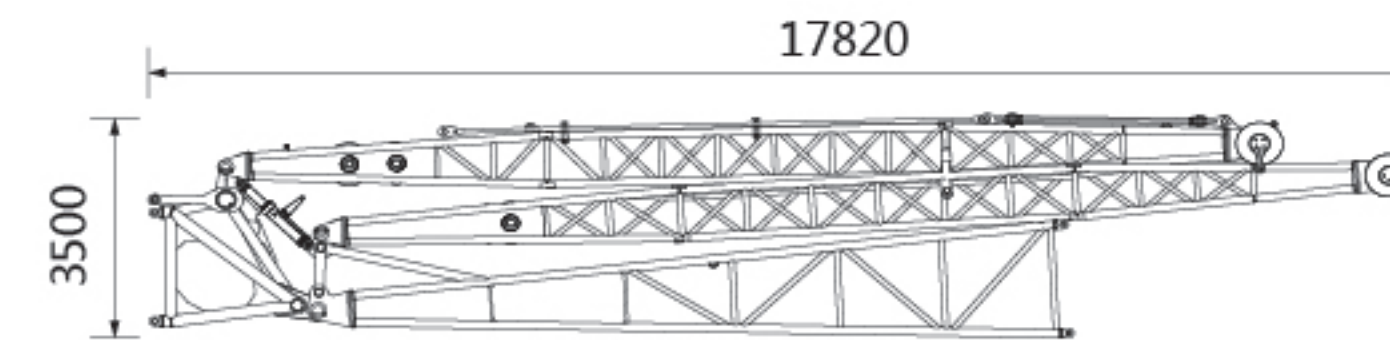
| | |
|----------------------------------|--------|
| 塔臂6m轻型节 6m Tower jib insert B | ×2 |
| 长(L) | 6150mm |
| 宽(W) | 2450mm |
| 高(H) | 1990mm |
| 重量(W) | 1.8t |



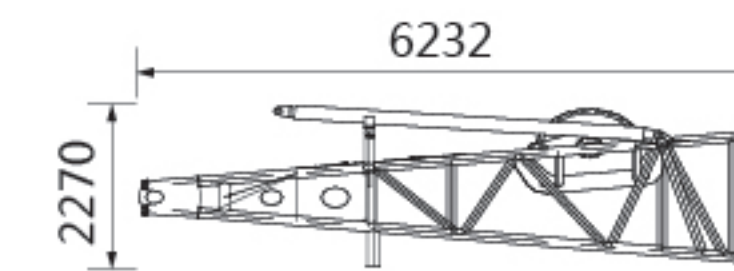
| | |
|------------------------------------|---------|
| 塔臂12m重型节 12m Tower jib insert A | ×1 |
| 长(L) | 12150mm |
| 宽(W) | 2450mm |
| 高(H) | 1990mm |
| 重量(W) | 3.25t |



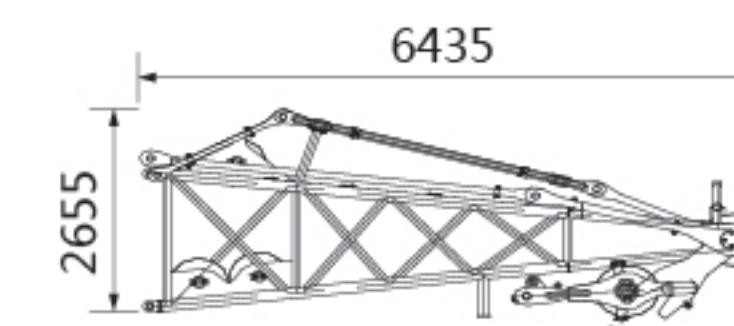
| | |
|------------------------------------|---------|
| 塔臂12m轻型节 12m Tower jib insert B | ×3 |
| 长(L) | 12150mm |
| 宽(W) | 2450mm |
| 高(H) | 1990mm |
| 重量(W) | 3t |



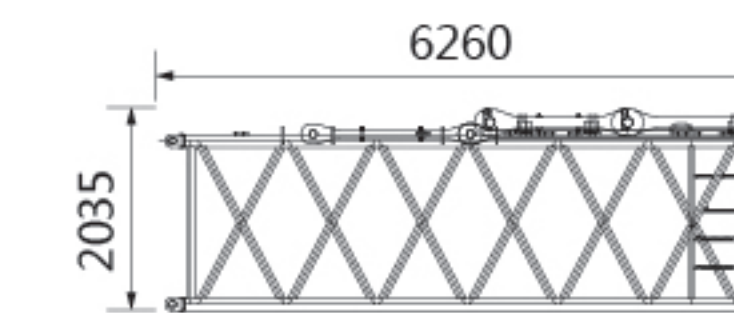
| | |
|--------------------|---------|
| 塔臂四件套 Tower jib | ×1 |
| 长(L) | 17820mm |
| 宽(W) | 2650mm |
| 高(H) | 3500mm |
| 重量(W) | 15.5t |



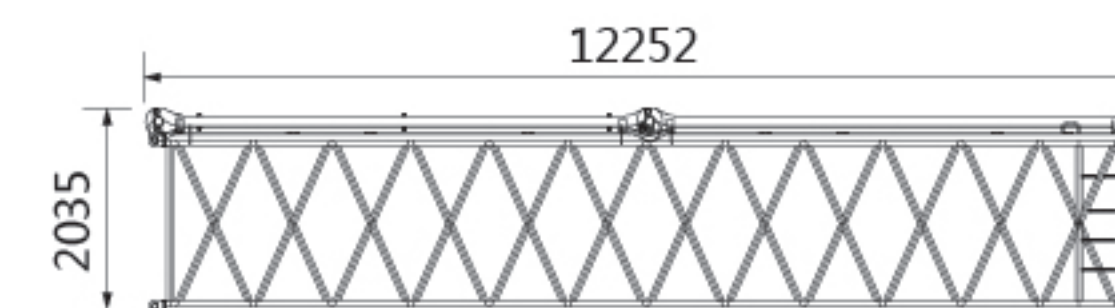
| | |
|---------------------------------|--------|
| 超起桅杆底节臂 SL Mast butt section | ×1 |
| 长(L) | 6232mm |
| 宽(W) | 2905mm |
| 高(H) | 2270mm |
| 重量(W) | 7.56t |



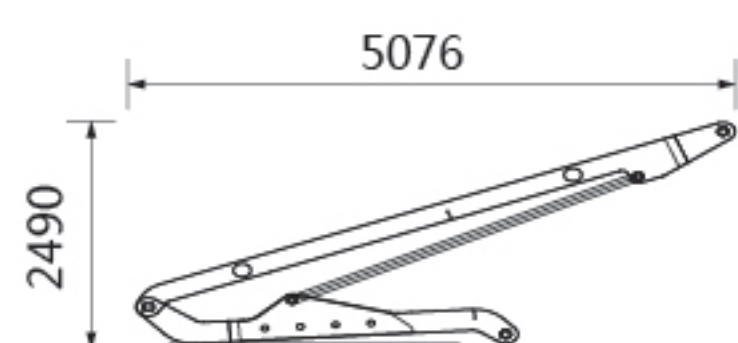
| | |
|------------------------|----------------------------|
| 超起桅杆顶节臂 SL Mast top | ×1 |
| 长(L) | 6435mm |
| 宽(W) | 2905mm |
| 高(H) | 2655mm |
| 重量(W) | 4.82t(不含滑轮组) / 6.39t(含滑轮组) |



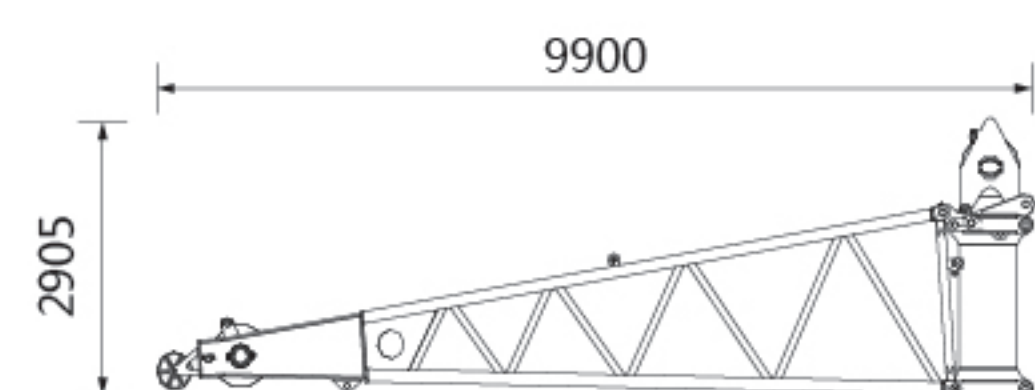
| | |
|--------------------------------|--------|
| 超起桅杆6m中间节 SL Mast 6m insert | ×1 |
| 长(L) | 6260mm |
| 宽(W) | 2900mm |
| 高(H) | 2035mm |
| 重量(W) | 2.4t |



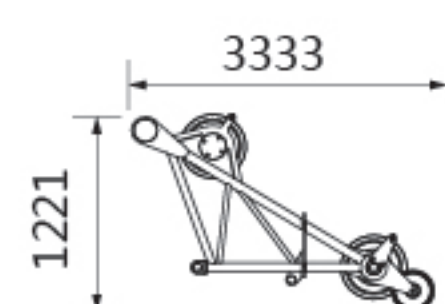
| | |
|----------------------------------|---------|
| 超起桅杆12m中间节 SL Mast 12m insert | ×1 |
| 长(L) | 12252mm |
| 宽(W) | 2450mm |
| 高(H) | 2035mm |
| 重量(W) | 3t |



| | |
|---|--------|
| 超起平衡重推移装置 Superlift counterweight luffing device | ×1 |
| 长(L) | 5076mm |
| 宽(W) | 3100mm |
| 高(H) | 2490mm |
| 重量(W) | 2.2t |



| | |
|------------------------------------|--------|
| 风电鹅头臂 Boom point for wind power | ×1 |
| 长(L) | 9900mm |
| 宽(W) | 2438mm |
| 高(H) | 2905mm |
| 重量(W) | 3.39t |



| | |
|----------------------------------|--------|
| 臂端单滑轮 Boom head single sheave | ×1 |
| 长(L) | 3333mm |
| 宽(W) | 1520mm |
| 高(H) | 1221mm |
| 重量(W) | 0.54t |

工作条件及注意 Working conditions and Cautions

说明：

- 表中额定起重量，指在给定的臂架长度、工作幅度条件下，重物自由悬挂，在坚实、平坦地面作业所能保证的最大起重量。作业者须视各种不良条件（如地面松软或不平、风力、侧面负荷、摆动作用、多台起重机合力起吊）限制或降低起重机的起重量；
- 表中额定起重量包括吊钩、钢丝绳、和其它所有吊具的重量；
- 表中没有列出额定值的空白区，不允许将起重机用于该区所对应的起重作业；
- 使用主臂及塔臂可以配置臂端单滑轮机构，臂端单滑轮机构的起重量为性能表中相应的额定起重量减去臂端单滑轮机构、吊钩和吊具的重量。

Notes:

- The total rated lifting loads shown in above tables are the max. lifting capacity based on the condition that crane set up on firm and level ground with given boom length, radius and load, crane operator shall limit or reduce lifting loads according to variable working conditions (soft or uneven ground, wind, side loading, slewing action, lifting with one more cranes).
- The total rated lifting loads include the weight of hook block, wire rope and other slings.
- The blank area in above tables means crane operation is not allowed corresponding to these areas.
- Boom can be equipped with a boom tip single sheave, which lifting load is the total rated lifting loads in above table decrease the weight of single sheave, capacity hook block and slings.