

徐工徐工 助您成功
XCMG FOR YOUR SUCCESS



XGC400 履带起重机

CRAWLER CRANE



地址(Add): 中国江苏省徐州市金山桥经济开发区桃山路19号 邮编(Postal Code): 221004
No.19 Taoshan Road, Economic development zone of jinshanqiao,Xuzhou,Jiangsu Province,China
统一服务热线(Unified service hotline): 86 400-110-9999
销售热线Sales Hotline
销售电话(Sale Tel): 86 0516-87892094
销售传真(Sale Fax): 86 0516-87892074
电子邮件(E-mail): jjyxd@xcmg.com
服务质量投诉电话
(Quality Supervision Tel): 86 0516-87892587

服务热线Service Hotline
服务电话(Service Tel): 86 400-001-5678
服务传真(Service Fax): 86 0516-87892080
备件电话(Service Tel): 86 0516-87892086
备件传真(Service Fax): 86 0516-87892083



欢迎访问徐工商城
省心更省钱一站式



欢迎关注徐工履带起重机官方微信
1. 直接扫码“XCMG_xgj”添加好友
2. 查找公众账号“徐工履带起重机”
3. 直接扫描上方二维码



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 ◆ 名词解释 Terms Explanation ◆ 工况缩写说明 Notes On Working Condition Abbreviation
P11	<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 ◆ 标准工况鹅头副臂臂节组合/鹅头副臂 Standard Mode Special Jib Combinations/Special Jib ◆ 标准工况盾构副臂臂节组合/盾构副臂 (选配) Standard Mode TBM Combinations/TBM(Option)
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 ◆ 超起工况鹅头副臂臂节组合/鹅头副臂 SL Mode Special Jib Combinations/Special Jib ◆ 超起工况盾构副臂臂节组合/盾构副臂 (选配) SL Mode TBM Combinations/TBM(Option) ◆ 主要零部件 Main parts ◆ 工作条件及注意 Working conditions and Cautions ◆ 备忘录 Memo

02

XGC400履带起重机 XGC400 CRAWLER CRANE

P03-P03	产品亮点 Product Highlights
P04-P04	主要技术参数 The Main Technical Parameters
P05-P08	详细介绍 Brief Introduction
P05-P09	名词解释 Terms Explanation
P10-P10	工况缩写说明 Notes On Working Condition Abbreviation

01 运输、拆装优化设计

Optimized design of transport and assembly/disassembly

- 完善的自拆装功能，可实现履带架，底节臂的自拆装。
Perfect self-assembly/disassembly functions can achieve self-assembly/disassembly for track frame, and boom base.
- 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

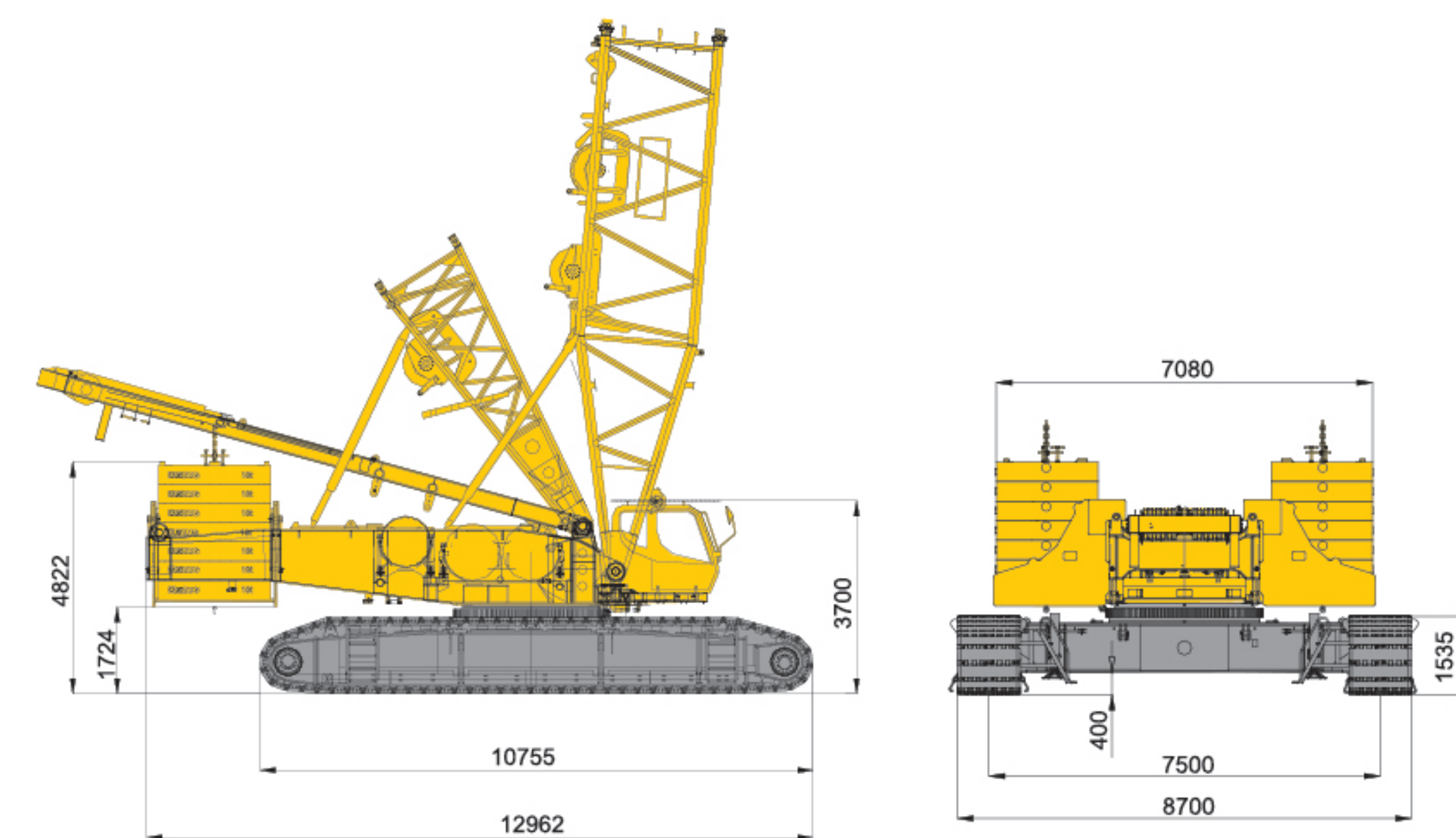
Intelligent control system, more safe and reliable

- 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.

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	400	
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	90+7
	塔式副臂 Tower jib	m	24~72
超起工况 SL mode	盾构工况 TBM	m	24+9
	重型主臂长度 Heavy boom length	m	36~96
	轻型主臂长度 Light boom length	m	84~120
	塔式副臂长度 Tower jib length	m	24~78
风电副臂最大组合长度 Boom point for wind power length	m	96+7	
盾构工况 TBM	m	36+9	
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	51×2	
回转速度 Slewing speed	r/min	1.1	
行走速度 Travel speed	km/h	0.9	
平均接地比压 Mean ground pressure	MPa	0.146	
发动机功率 Engine output power	kw	298	
整机重量 (24m 重型主臂、400 t 吊钩) Total vehicle weight (24m heavy boom, 400t capacity hook block)	t	345	
最大单件 (主机) 运输重量 Max. weight of single unit (basic machine) in travel configuration	t	48	
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	11.1×3×3.3	

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

XGC400选用康明斯生产的直列6缸、水冷、增压中冷、电喷环保型发动机，额定功率298KW，额定转速1800rpm，符合欧洲工程机械III阶段排放标准。

XGC400 uses Cummins diesel engine, 6-cylinder in line, water-cooled, turbocharged, inter-cooled and electronic injection, rated output power 298kW, rated speed 1800rpm, emission in compliance with European Construction Machinery Stage III.

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。

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.

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，与转台采用液压力式销轴连接，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。钢丝绳均为进口不旋转钢丝绳，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, 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筒独立驱动。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、钢丝绳均为德国进口。

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、车身平衡重和超起平衡重，且三处配重可完全互换。

标准工况：	超起工况：
转台平衡重：150t	转台平衡重：110t
平衡重箱2件：5t/件	平衡重箱2件：5t/件
平衡重块14件：10t/件	平衡重块10件：10t/件
车身平衡重：40t	车身平衡重：20t
平衡重箱2件：10/件	平衡重箱2件：10t/件
平衡重块4件：5t/件	超起平衡重：230t
	超起平衡重托盘1件：30t/件
	平衡重块18件：10t/件
	平衡重块4件：5t/件

Counterweight system consists of turntable counterweight, car-body counterweight and SL counterweight. Turntable counterweight, carbody counterweight and SL counterweight have the same ballast slab for exchangeable use.

Standard Mode:	SL Mode:
Turntable Counterweight: 150t	Turntable Counterweight: 110t
Counterweight box 2 pcs: 5t/pcs.	Counterweight box 2 pcs: 5t/pcs.
Counterweight 14 slabs: 10t/slab	Counterweight 10 slabs: 10t/slab
Car-body Counterweight: 40t	Car-body Counterweight: 20t
Counterweight box 2 pcs: 10t/pcs.	Counterweight box 2 pcs: 10t/pcs.
Counterweight 4 slabs: 5/slab	SL Counterweight: 230t
	Counterweight tray 1 pcs: 30t/pcs.
	Counterweight 18 slabs: 10t/slab
	Counterweight 4 slabs: 5/slab

回转机构 / Slewing Gear

回转机构布置在转台外侧前面，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、主臂及平衡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 Counterweight.

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、行走机构和车身平衡重。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 and Carbody Counterweight. 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、低速两档无级变速，最高速度0.9公里/小时。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 0.9km/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、鹅头副臂。

Lifting boom comprises main boom、tower jib and special jib.

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
标准工况鹅头副臂工况	Standard Mode Special Jib
超起工况重型主臂工况	Standard 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
超起工况鹅头副臂工况	SL Mode Special Jib
标准盾构副臂（选配）	Standard Mode TBM(Optional)
超起盾构副臂（选配）	SL Mode TBM(Optional)

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：10.5m主臂底节HB10.5，6m主臂中间节×2，12m厚壁主臂中间节H12A×2，12m厚壁主臂中间节H12B×1，12m薄壁主臂中间节H12C×2，12m重型过渡节H12D×1，1.5m主臂臂头HT1.5。

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 A×2 heavy boom insert, 12m B×1 heavy boom insert, 12m C×2 light boom insert, 12m×1 extension section, and boom head.

鹅头副臂 / Special Jib

鹅头副臂由0.8m连接节和8m鹅头副臂顶节组成。

标准工况下，鹅头副臂安装主臂臂长66~90m。

超起工况下，鹅头副臂安装主臂臂长78~96m。

Special jib is the connection of 0.8m Connection section and 8m special jib top.

For standard working condition, the special jib can be operated within the range of boom length 66~90m, For SL working condition, the special jib can be operated within the range of boom length 78~96m.

轻型主臂 / Light Boom

轻型主臂由重型底节与塔臂顶节经6m轻型过渡节连接而成。

标准工况下，轻型主臂长度为42~108m；

超起工况下，轻型主臂长度为78~126m。

组成：10.5m主臂底节HB10.5，12m厚壁主臂中间节H12A×2，12m厚壁主臂中间节H12B×1，12m薄壁主臂中间节H12C×2，6m轻型过渡节L6×1，6m塔式副臂厚壁中间节W6B×1，12m塔式副臂厚壁中间节W12A×2，12m塔式副臂薄壁中间节W12C×1，7.5m塔式副臂顶节WT7.5。

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 42~108m. For SL working condition, the light boom length is 78~126m. Construction: 10.5m boom butt, 12m A×2 heavy boom insert, 12m B×2 heavy boom insert, 12m C×2 light boom insert, 6m×1 extension section, 6m×1 heavy tower jib insert, 12m A×2 heavy tower jib insert, 12m C×1 light tower jib insert, and 7.5m tower 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30~60m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：10.5m塔式副臂底节WB10.5，6m塔式副臂厚壁中间节W6A×1，6m塔式副臂厚壁中间节W6B×2，12m塔式副臂厚壁中间节W12A×2，12m塔式副臂厚壁中间节W12B×1，12m塔式副臂薄壁中间节W12C×1，7.5m塔式副臂顶节WT7.5。

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 30~60m, 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 tower jib insert, 12m A×2 heavy tower jib insert, 12m B×1 heavy tower jib insert, 12m C×1 light tower 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

标准配置：

400t吊钩 200t吊钩 50t吊钩 16t吊钩

注：400t吊钩可以分解成200t吊钩

Standard equipment:

400t capacity hook block, 200t capacity hook block, 50t capacity hook block, 16t capacity hook block.

Note: 400t capacity hook block may be divided into 200t 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HIRSCHMANN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、副卷扬起升到一定高度时候，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.

发动机功率极限载荷调节 / Engine Limit Power Adjustment

控制器对发动机功率利用情况进行监控，防止发动机憋车或失速。

Control of engine power utilization by controller, prevent engine from suffocating or stall

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。臂头摄像头为选配。

The monitor system contains 4 cameras and 2 monitor display, respectively keeping watch on winch system and rear working condition, and boom tip camera is for option.

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，力矩百分比在90%以下时“绿灯”亮，表示起重机在安全区域运行，力矩百分比在90%-100%的时候“黄灯”亮，表示起重机在已接近额定载荷范围，力矩百分比大于100%时“红灯”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 load moment percentage is below 90%, "Green Lamp" lights on to indicate crane is running in safety area; when crane load moment percentage is in 90% ~ 100%, "Yellow Lamp" lights on to indicate crane is close to total rated lifting load; when crane load moment percentage is above 100%, "Red Lamp" light on 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.

名词解释 Terms Explanation

HB10.5	主臂10.5m底节臂	10.5m boom butt
H6	主臂6m重型节	6m heavy boom insert
H12A	主臂12m重型节A	12m heavy boom insert A
H12B	主臂12m重型节B	12m heavy boom insert B
H12C	主臂12m轻型节	12m light boom insert C
H12D	主臂12m过渡节	12m extension section
HT1.5	主臂1.5m臂头	1.5m boom head
L6	轻型臂6m过渡节	6m light boom insert
WB10.5	塔臂10.5m底节臂	10.5m tower jib butt
W6A	塔臂6m重型节A	6m heavy tower jib insert
W6B	塔臂6m重型节B	6m heavy tower jib insert,
W12A	塔臂12m重型节	12m heavy tower jib insert A
W12B	塔臂12m重型节	12m heavy tower jib insert B
W12C	塔臂12m轻型节	12m light tower jib insert C
WT7.5	塔臂7.5m顶节臂	7.5m tower jib top
WL1.5	塔臂1.5m连接臂头	1.5m tower jib connected top
WF14.5	塔臂14.5m前支架	1.5m tower jib connected top
WR14	塔臂14m后支架	1.5m tower jib connected top
J7	鹅头副臂7m	7m special jib

工况缩写说明 Notes On Working Condition Abbreviation

(1)	HB	标准工况重型主臂
(2)	LB	标准工况轻型主臂
(3)	HW	标准工况塔式副臂
(4)	HJ	标准工况鹅头副臂
(5)	SHB或者SHBM	超起工况重型主臂
(6)	SLB或者SLBM	超起工况轻型主臂
(7)	SHW或者SHWM	超起工况塔式副臂
(8)	SHJ	超起工况鹅头副臂
(9)	HBF	标准工况盾构副臂
(10)	SHBF	超起工况盾构副臂

注：SHB、SLB、SHW工况使用悬浮式超起配置；SHBM、SLBM、SHWM工况使用推移式超起配置；

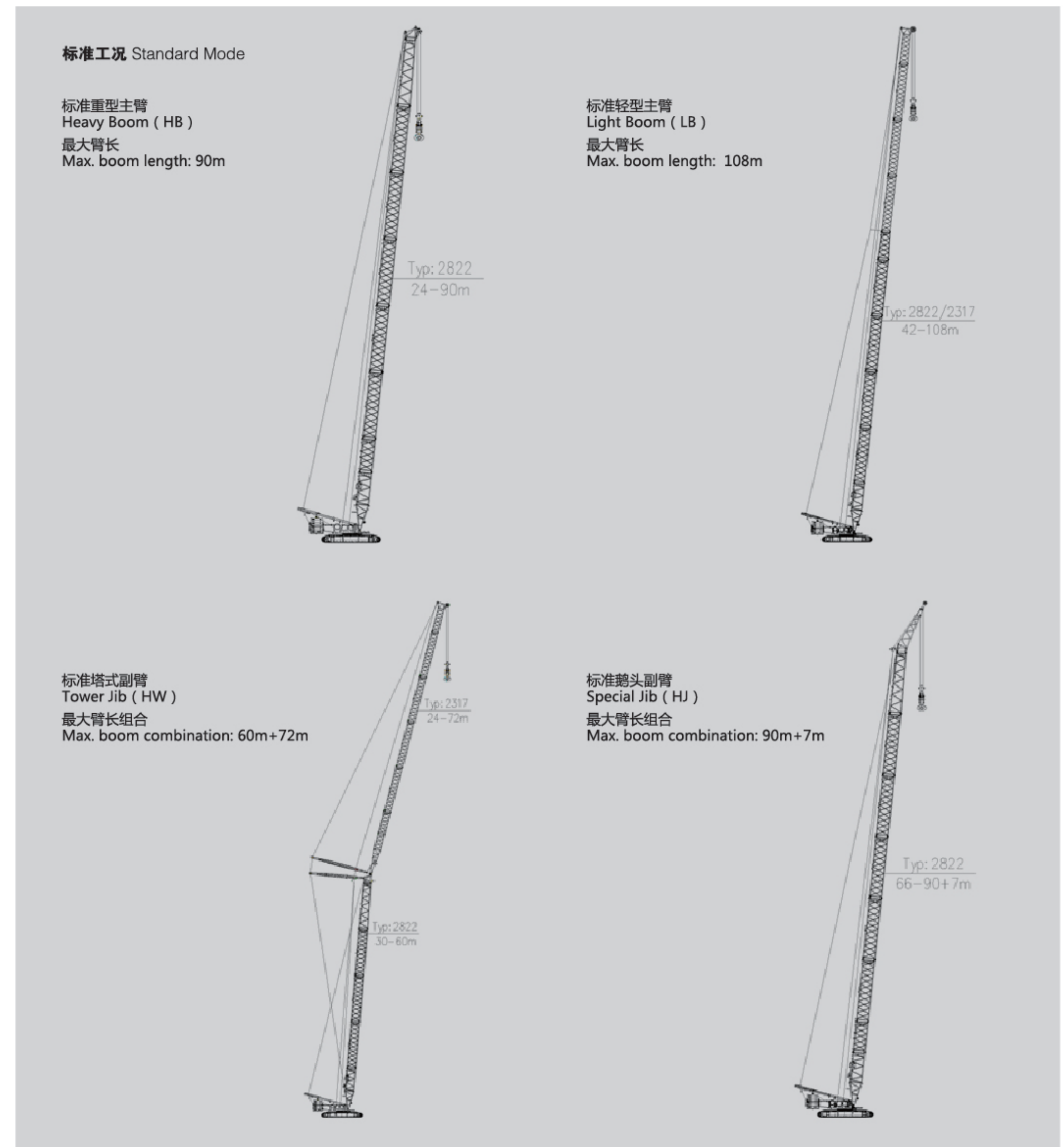
Note: Suspended superlift counterweight is used in SHB, SLB and SHW working conditions. Pushing superlift counterweight is used in SHBM, SLBM and SHWM working conditions.

11

XGC400履带起重机 XGC400 CRAWLER CRANE

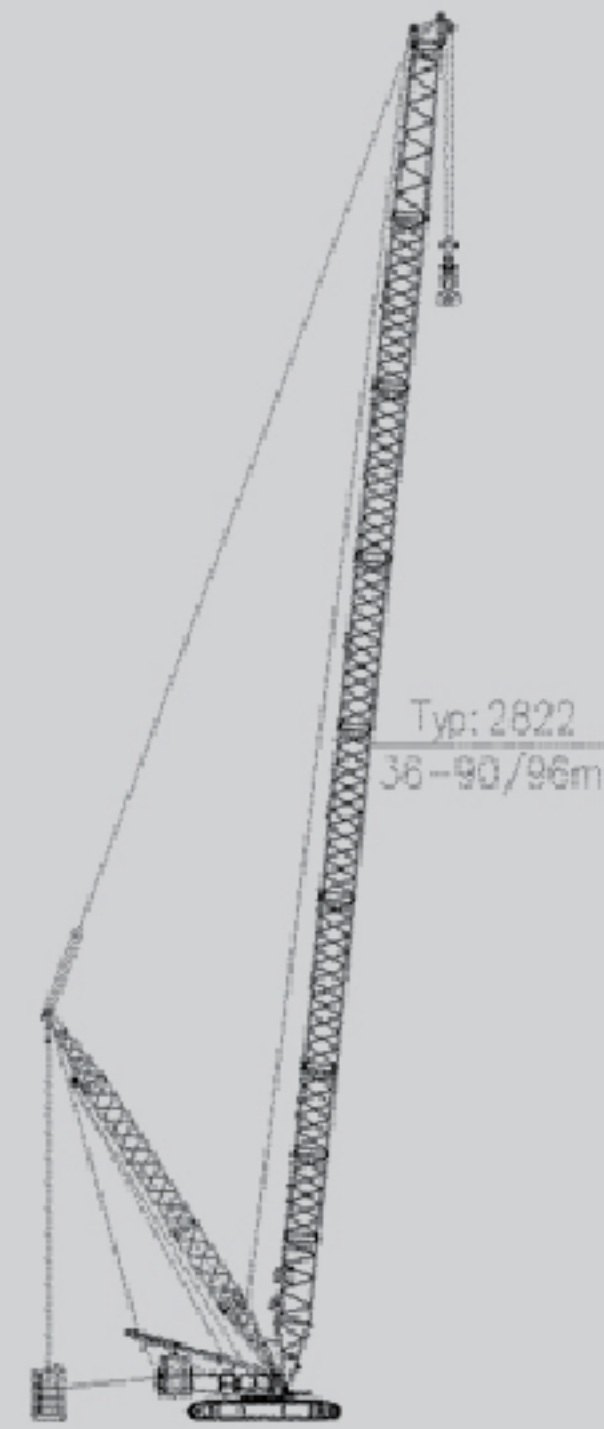
- P12-P14 工况示意图
Working Mode Illustration
- P15-P15 标准工况重型主臂臂节组合/重型主臂
Standard Mode Heavy Boom Combinations/Heavy Boom
- P16-P16 标准工况重型主臂作业范围
Standard Mode Heavy Boom Working Area
- P17-P17 标准工况重型主臂起重性能表
Standard Mode Heavy Boom Lifting Load Chart
- P18-P18 标准工况轻型主臂臂节组合/轻型主臂
Standard Mode Light Boom 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-P28 标准工况塔式副臂性能表
Standard Mode Tower Jib Lifting Load Chart
- P29-P29 标准工况鹅头副臂臂节组合/鹅头副臂
Standard Mode Special Jib Combinations/Special Jib
- P25-P25 标准工况鹅头副臂作业范围
Standard Mode Special Jib Working Area
- P26-P31 标准工况鹅头副臂性能表
Standard Mode Special Jib Lifting Load Chart
- P32-P32 标准工况盾构副臂作业范围 (选配)
Standard Mode TBM Working Area (Option)
- P33-P33 标准工况盾构副臂性能表 (选配)
Standard Mode TBM Lifting Load Chart (Option)

工况示意图 Working Mode Illustration

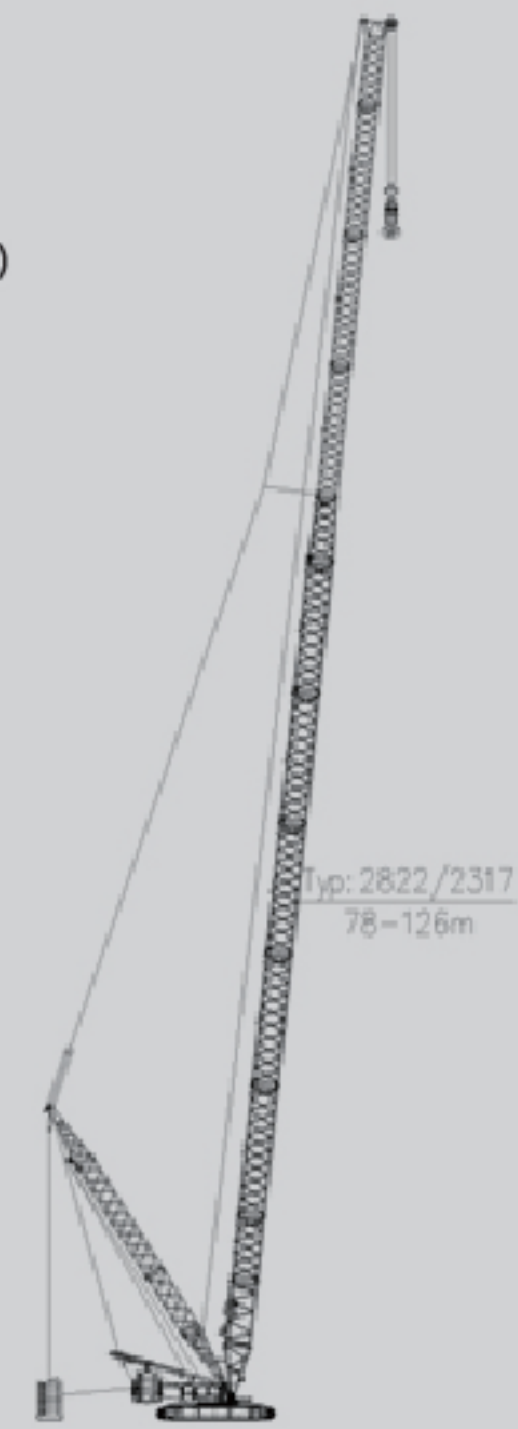


超起工况 SL Mode

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

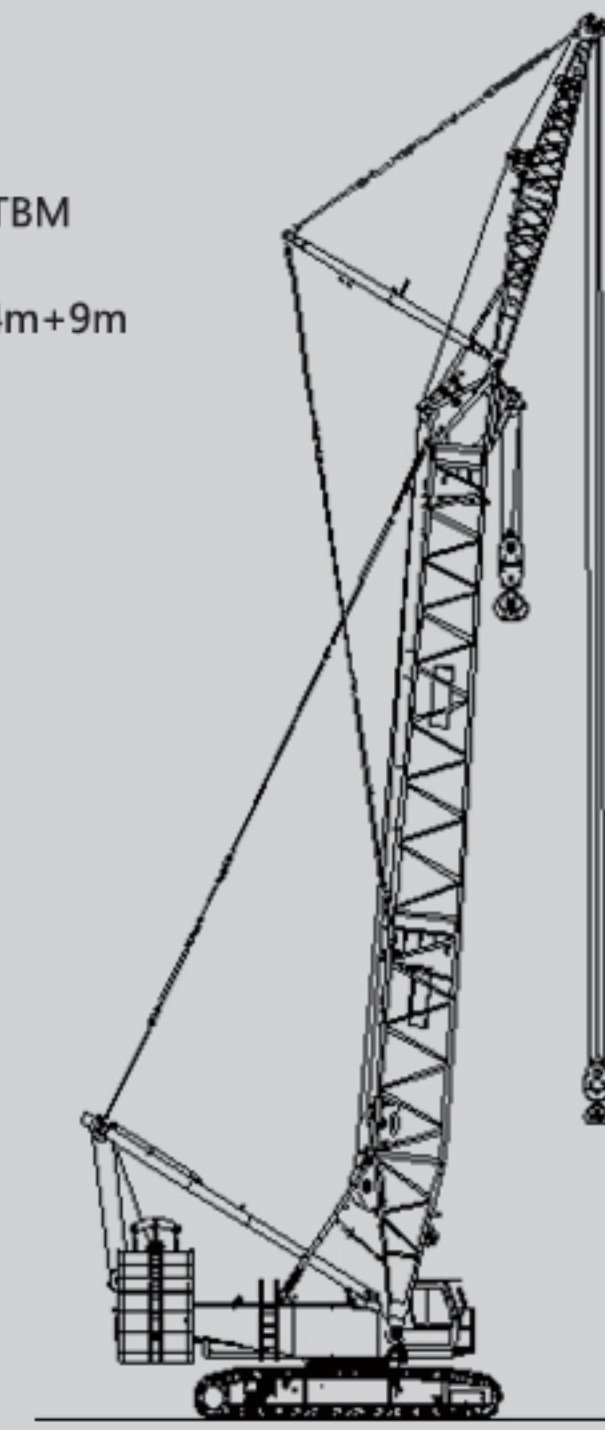


超起轻型主臂
SL Mode Light Boom (SLB)
最大臂长
Max. boom length: 120m

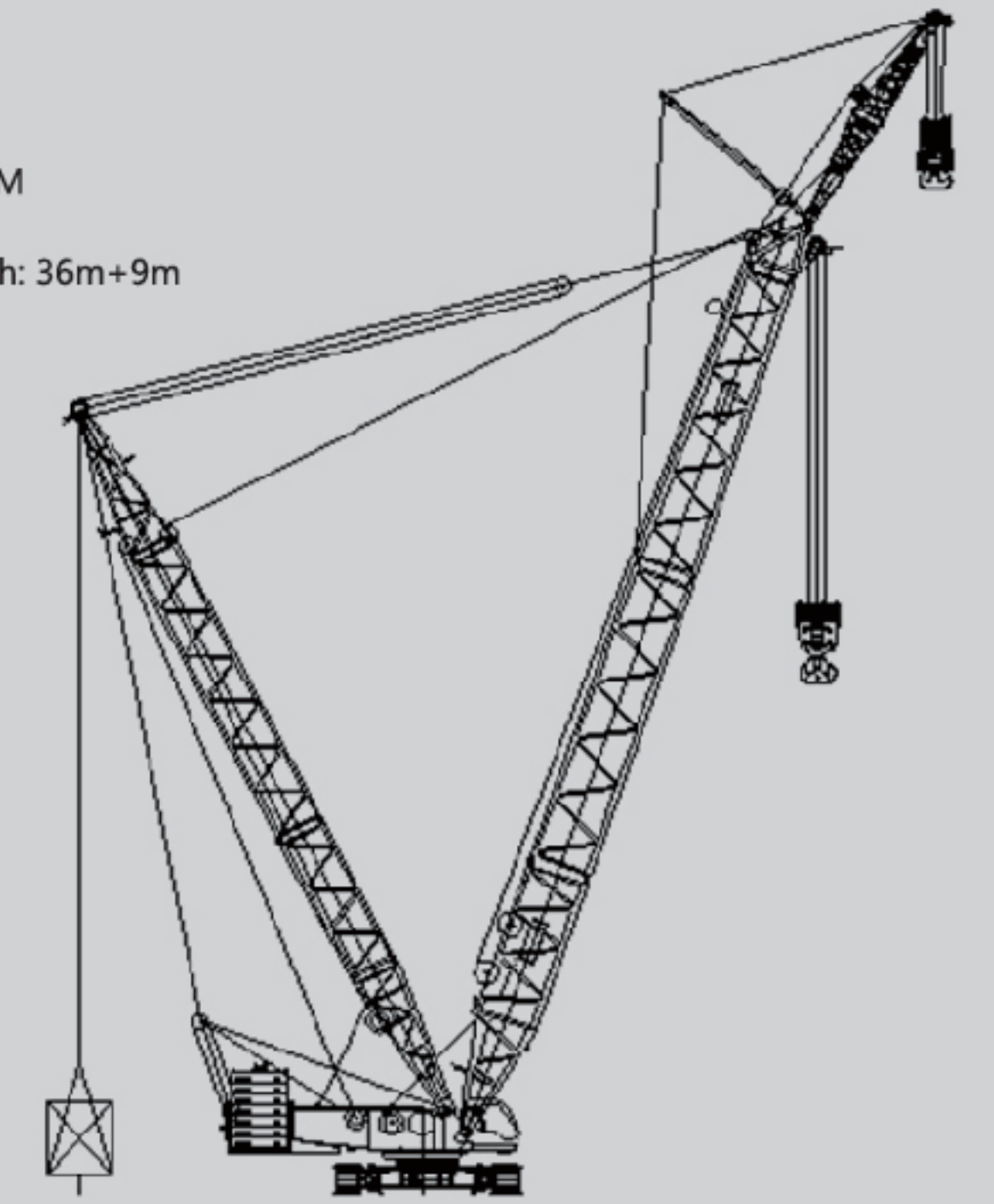


盾构工况 TBM

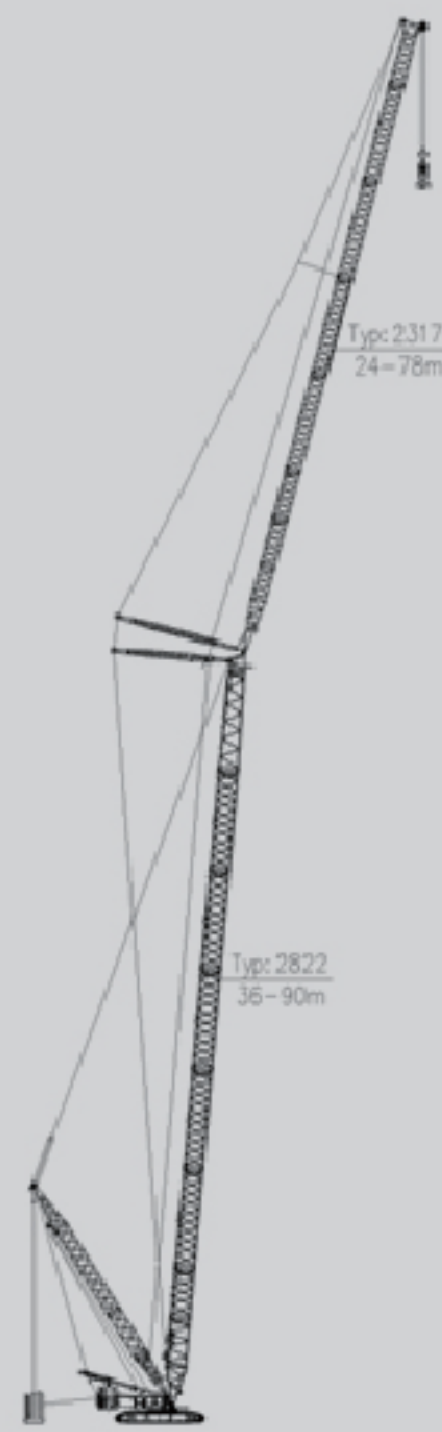
标准盾构
Standard Mode TBM
臂长组合
Boom Length: 24m+9m



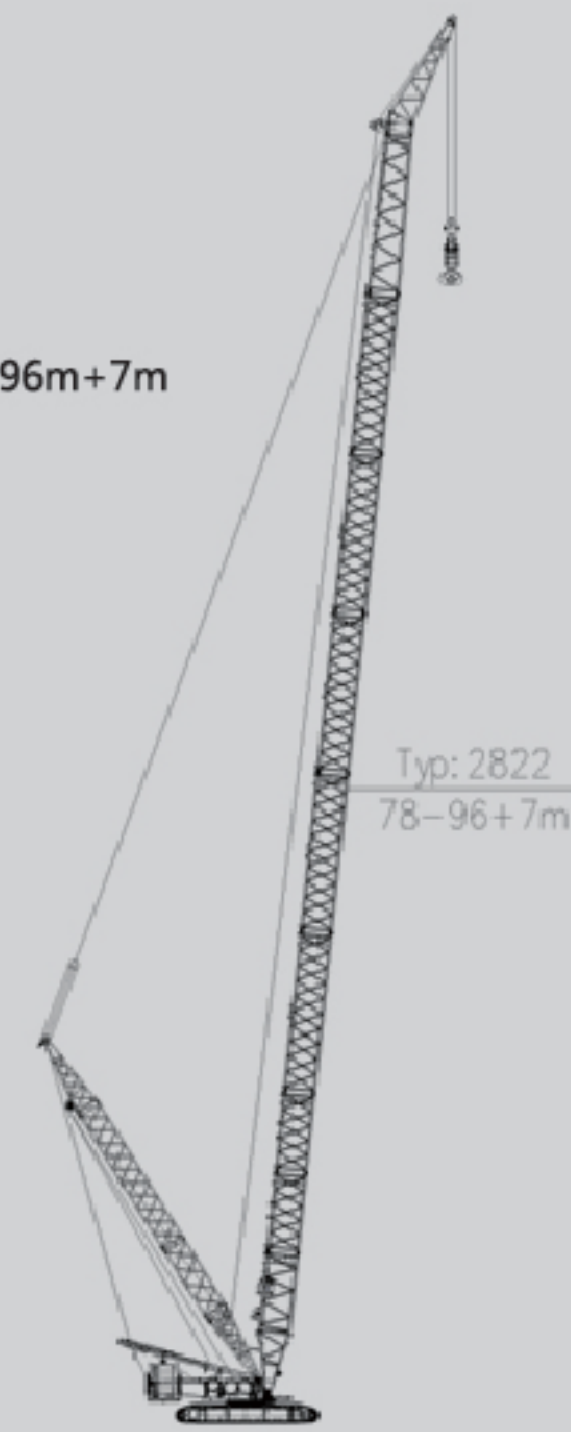
超起盾构
SL Mode TBM
臂长组合
Boom Length: 36m+9m



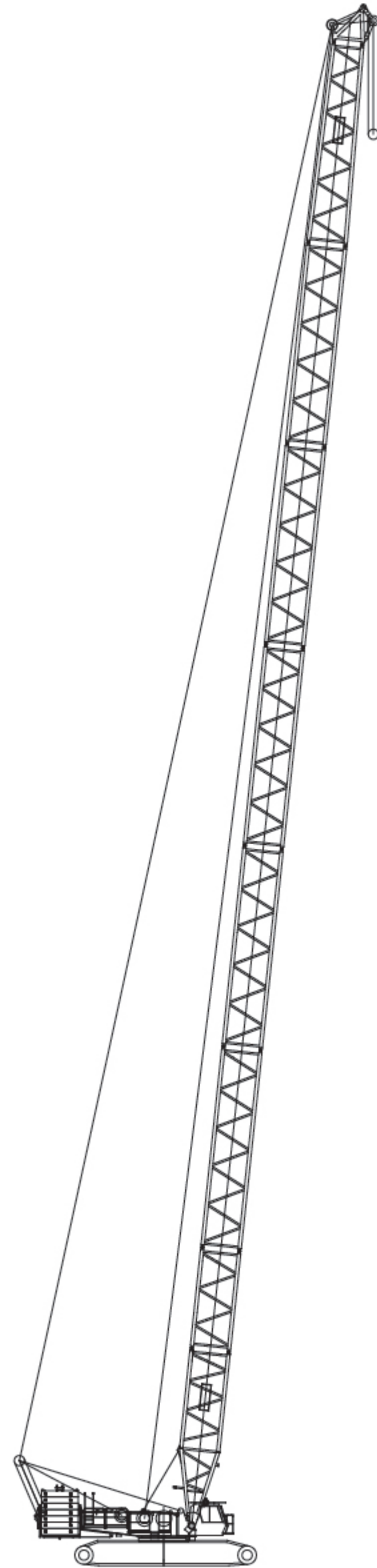
标准塔式副臂
Tower Jib (HW)
最大臂长组合
Max. boom combination: 90m+78m



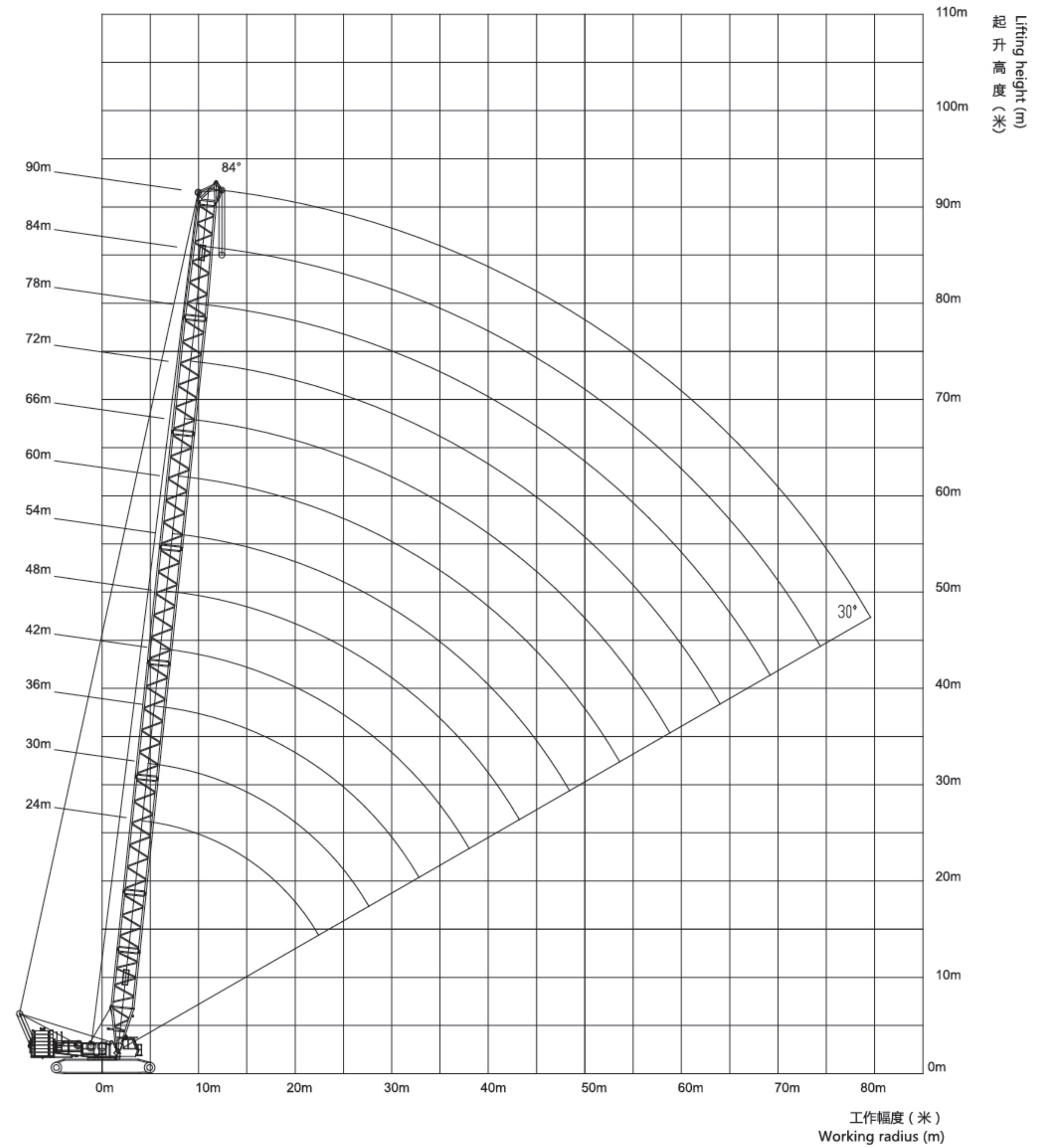
超起鹅头副臂
SL Special Jib (SHJ)
最大臂长组合
Max. boom combination: 96m+7m



臂长 Boom length (m)	中间臂节 Boom insert			
	H6	H12A	H12B	H12C
24	—	—	—	—
30	1	—	—	—
36	—	1	—	—
42	1	1	—	—
48	—	1	1	—
54	1	1	1	—
60	—	2	1	—
66	1	2	1	—
72	—	2	1	1
78	1	2	1	1
84	—	2	1	2
90	1	2	1	2



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



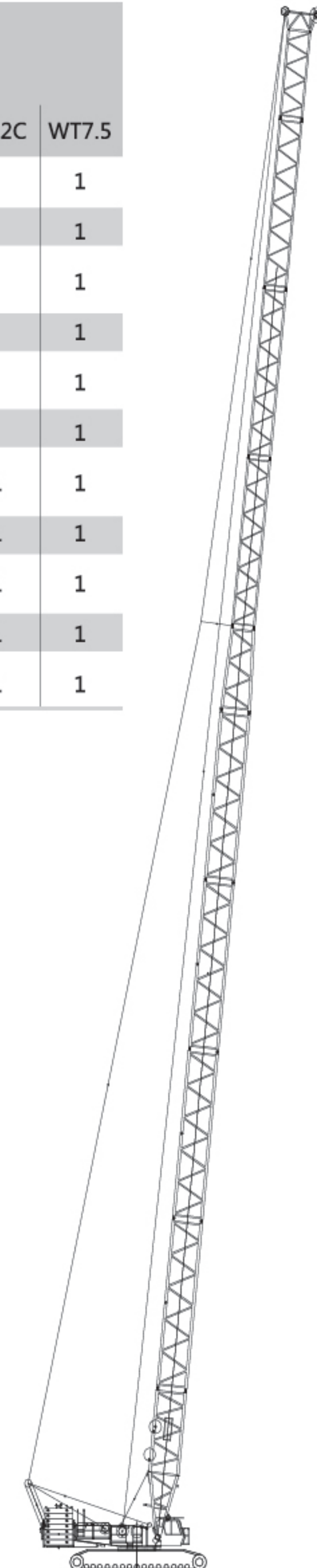
标准工况重型主臂起重性能表
Standard Mode Heavy Boom Lifting Load Chart

150t转台平衡重+40t车身平衡重
 150t turntable ballast + 40t car-body ballast

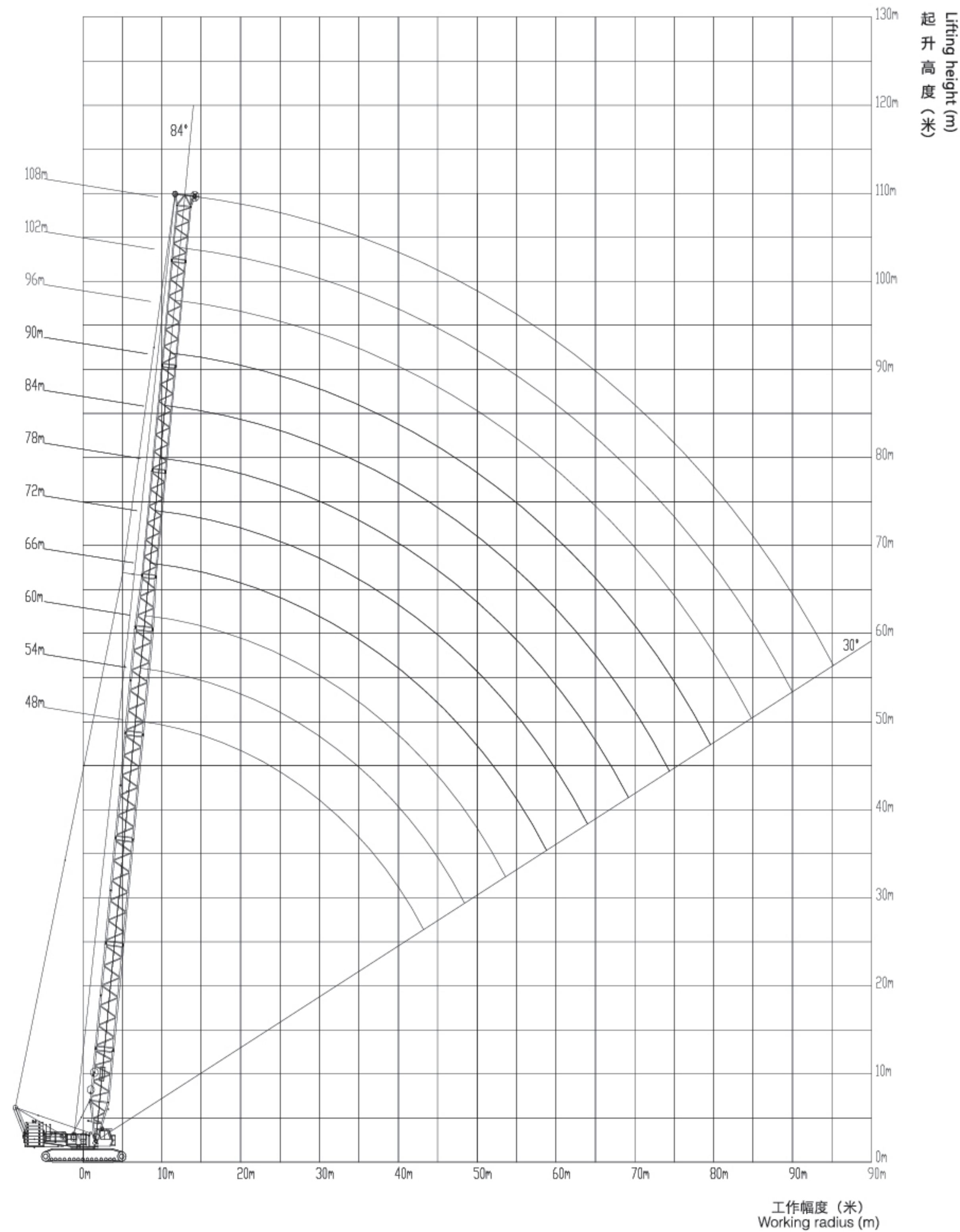
幅度 Radius (m)	臂长 Boom length (m)												幅度 Radius (m)
	24	30	36	42	48	54	60	66	72	78	84	90	
6	400.0												6
7	350.5	349.1	347.7										7
8	309.5	308.2	306.9	305.2									8
9	270.8	270.4	268.1	260.0	252.3	247.1							9
10	239.3	236.6	230.2	224.1	218.0	214.1	208.7	203.6					10
12	178.8	178.9	178.8	174.6	170.5	168.0	164.4	160.8	157.5	148.5	124.7		12
14	141.7	141.8	141.7	141.3	139.2	137.4	134.6	131.9	129.4	126.8	121.8	104.5	14
16	116.7	116.7	116.5	116.1	115.7	115.2	113.3	111.1	109.1	106.9	104.9	102.1	16
18	98.6	98.6	98.5	98.0	97.5	96.9	96.4	95.4	93.7	91.9	90.2	88.3	18
20	84.9	85.0	84.8	84.3	83.8	83.2	82.6	81.9	81.5	80.0	78.5	76.9	20
22	74.2	74.3	74.1	73.6	73.1	72.4	71.8	71.1	70.7	69.9	69.1	67.6	22
24		65.7	65.5	65.0	64.5	63.8	63.2	62.4	62.0	61.2	60.7	59.9	24
26		58.6	58.5	57.9	57.4	56.7	56.0	55.3	54.8	54.1	53.5	52.7	26
28		52.6	52.6	52.0	51.5	50.8	50.1	49.3	48.9	48.1	47.5	46.7	28
30			47.5	47.0	46.5	45.7	45.1	44.3	43.8	43.0	42.5	41.6	30
32			43.2	42.7	42.2	41.4	40.8	39.9	39.5	38.6	38.1	37.3	32
34				38.9	38.4	37.7	37.0	36.2	35.7	34.9	34.3	33.5	34
36				35.6	35.1	34.4	33.7	32.9	32.4	31.5	31.0	30.1	36
38				32.7	32.2	31.4	30.8	29.9	29.5	28.6	28.1	27.2	38
40					29.6	28.8	28.2	27.3	26.9	26.0	25.4	24.6	40
42					27.2	26.5	25.8	25.0	24.5	23.7	23.1	22.2	42
44						24.4	23.7	22.9	22.4	21.6	21.0	20.1	44
46						22.5	21.8	21.0	20.5	19.6	19.1	18.2	46
48						20.7	20.1	19.3	18.8	17.9	17.3	16.4	48
50							18.5	17.7	17.2	16.3	15.7	14.8	50
52							17.0	16.2	15.7	14.8	14.3	13.4	52
54								14.8	14.4	13.5	12.9	12.0	54
56								13.6	13.1	12.2	11.7	10.8	56
58								12.4	12.0	11.1	10.5	9.6	58
60									10.9	10.0	9.4	8.5	60
62									9.9	9.0	8.4	7.5	62
64									8.9	8.1	7.5	6.6	64
66										7.2	6.6	5.7	66
68										6.3	5.8		68

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									
	HB10.5	H6	H12A	H12C	H6C	W6A	W6B	W12A	W12C	WT7.5
48	1	1	1		1	1				1
54	1		2		1	1				1
60	1		2		1	1	1			1
66	1	1	2		1	1	1			1
72	1	1	2		1	1		1		1
78	1		2	1	1	1		1		1
84	1		2	1	1	1	1		1	1
90	1	1	2	1	1	1	1		1	1
96	1	1	2	1	1	1		1	1	1
102	1		2	2	1	1		1	1	1
108	1		2	2	1	1	1	1	1	1



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



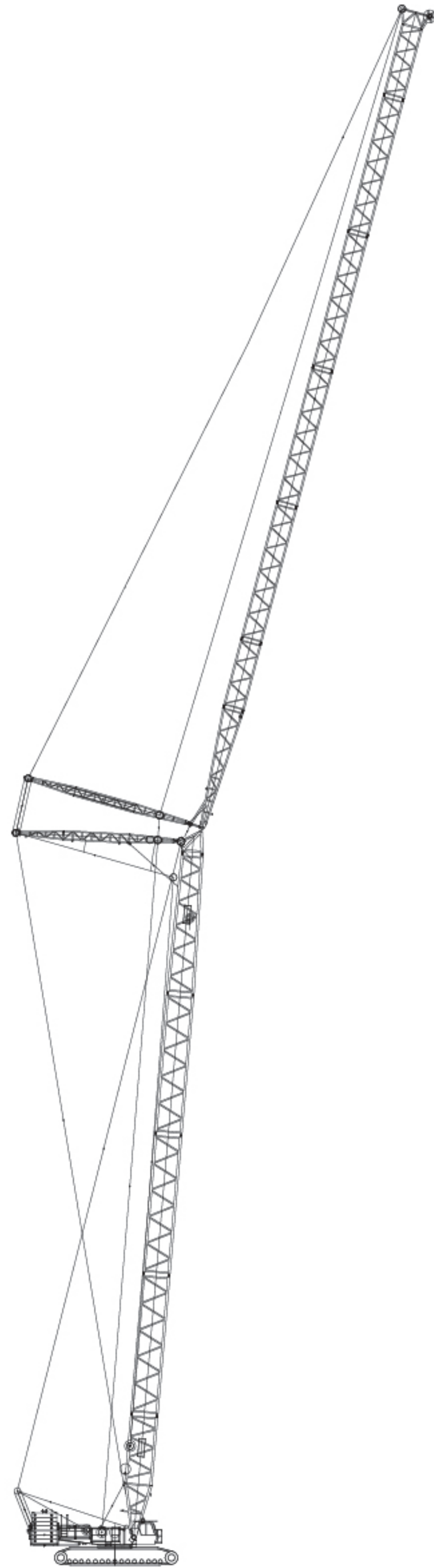
标准工况轻型主臂起重性能表
Standard Mode Light Boom Lifting Load Chart

150t转台平衡重+40t车身平衡重
150t turntable counterweight +40t car-body counterweight

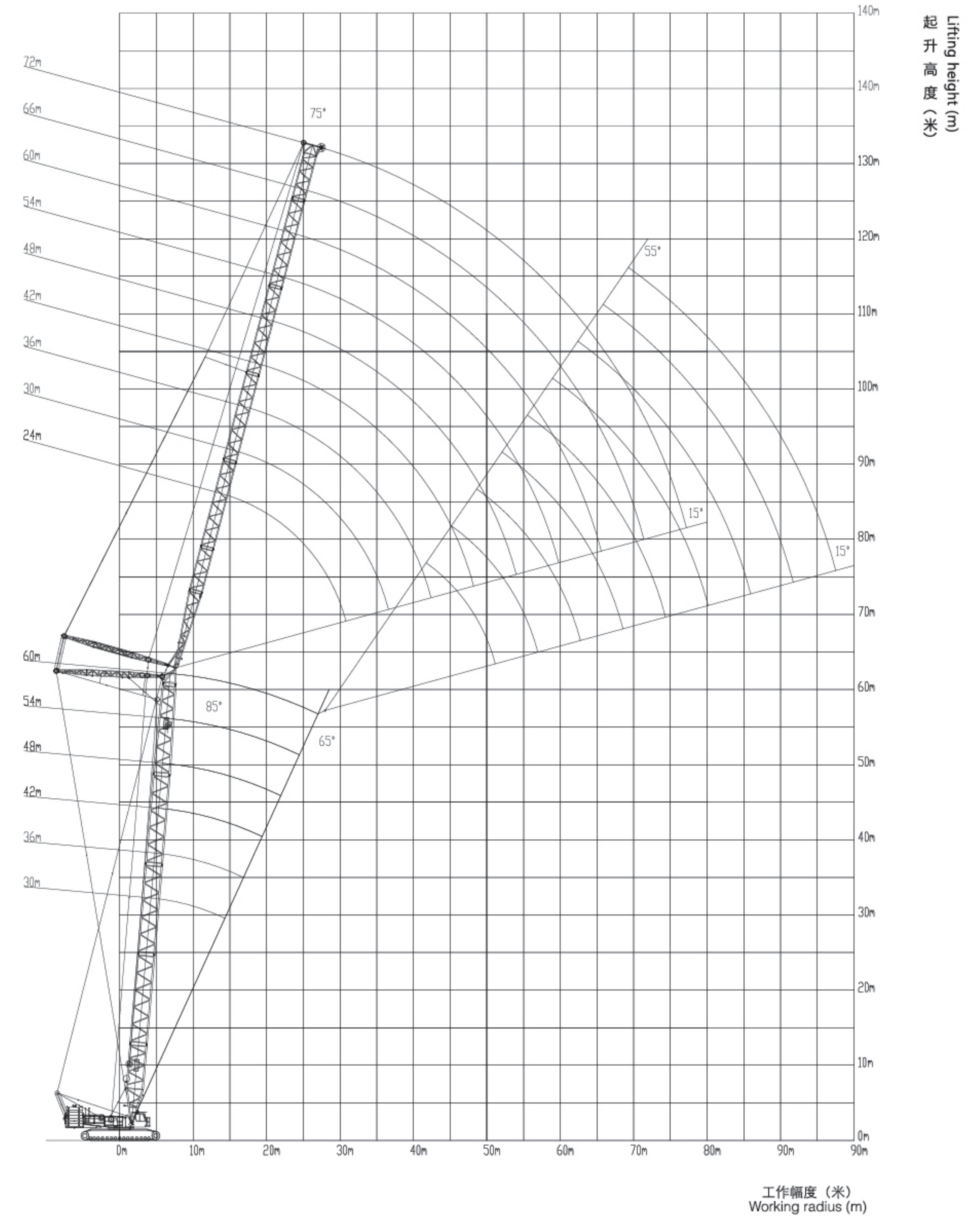
幅度Radius (m)	臂长 Boom length m											幅度Radius (m)
	48	54	60	66	72	78	84	90	96	102	108	
8	185.0											8
9	185.0	185.0										9
10	185.0	185.0	174.7	164.6								10
12	172.9	170.3	152.0	143.9	134.9	120.3	106.3					12
14	141.7	139.9	133.0	125.4	116.7	108.1	99.4	90.8	81.2	71.4		14
16	118.6	118.1	116.5	110.6	104.9	99.3	93.6	88.0	79.5	69.4	54.5	16
18	100.5	99.9	99.9	98.5	95.2	91.9	88.6	85.3	75.7	67.5	52.8	18
20	86.8	86.2	86.2	85.6	84.4	83.2	82.0	80.8	70.4	65.7	51.1	20
22	76.1	75.5	75.5	74.9	74.6	74.0	73.3	71.7	65.6	64.0	49.5	22
24	67.5	66.9	66.9	66.2	65.9	65.4	65.3	64.2	60.8	60.0	48.7	24
26	60.5	59.9	59.9	59.1	58.8	58.3	58.2	57.4	56.3	55.6	47.4	26
28	54.6	54.0	54.0	53.2	52.9	52.3	52.2	51.5	51.1	50.1	45.9	28
30	49.6	49.0	48.9	48.2	47.8	47.3	47.2	46.4	46.0	45.2	43.0	30
32	45.3	44.7	44.6	43.9	43.5	43.0	42.9	42.1	41.7	41.0	40.2	32
34	41.5	40.9	40.9	40.1	39.8	39.2	39.1	38.3	37.9	37.2	36.5	34
36	38.2	37.7	37.6	36.8	36.5	35.9	35.8	35.0	34.6	33.9	33.3	36
38	35.3	34.8	34.7	33.9	33.6	33.0	32.9	32.1	31.6	31.0	30.5	38
40	32.7	32.2	32.1	31.3	31.0	30.4	30.3	29.5	29.0	28.4	28.0	40
42	30.4	29.8	29.8	29.0	28.7	28.1	28.0	27.1	26.7	26.0	25.7	42
44		27.7	27.7	26.9	26.6	26.0	25.9	25.0	24.6	23.9	23.6	44
46		25.8	25.8	25.0	24.7	24.1	24.0	23.1	22.7	22.0	21.7	46
48		24.1	24.1	23.3	22.9	22.4	22.3	21.4	21.0	20.3	20.0	48
50			22.5	21.7	21.4	20.8	20.7	19.8	19.4	18.7	18.4	50
52			21.0	20.3	19.9	19.3	19.2	18.4	17.9	17.2	16.9	52
54			19.7	18.9	18.6	18.0	17.9	17.0	16.6	15.9	15.6	54
56				17.7	17.3	16.8	16.7	15.8	15.3	14.7	14.4	56
58				16.5	16.2	15.6	15.5	14.6	14.2	13.5	13.2	58
60					15.1	14.5	14.4	13.6	13.1	12.4	12.1	60
62					14.1	13.5	13.4	12.6	12.1	11.5	11.1	62
64					13.1	12.6	12.5	11.6	11.2	10.5	10.2	64
66						11.7	11.6	10.8	10.3	9.6	9.3	66
68						10.9	10.8	9.9	9.5	8.8	8.5	68
70							10.0	9.2	8.7	8.1	7.7	70
72							9.3	8.4	8.0	7.3	7.0	72
74							8.6	7.8	7.3	6.6	6.3	74
76								7.1	6.7	6.0	5.7	76
78								6.5	5.7	5.4	5.1	78
80								5.9	4.8	4.8	4.5	80

臂长 Boom length (m)	中间臂节 Boom insert		
	H6	H12A	H12B
30	1	—	—
36	—	1	—
42	1	1	—
48	—	1	1
54	1	1	1
60	—	2	1

臂长 Boom length (m)	中间臂节 Boom insert				
	W6A	W6B	W12A	W12B	W12C
24	1	—	—	—	—
30	1	1	—	—	—
36	1	—	1	—	—
42	1	1	1	—	—
48	1	—	2	—	—
54	1	1	2	—	—
60	1	—	2	1	—
66	1	1	2	1	—
72	1	—	2	1	1



标准工况轻型主臂作业范围
Standard Mode Tower Jib Working Area



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

主臂长度30 m，主臂角度85°，150t转台平衡重+40t车身平衡重
Boom 30m,boom angle 85°, 150t turntable counterweight +40t car-body counterweight

幅度 Radius (m)	塔臂长度 Tower jib Length(m)									幅度 Radius (m)
	24	30	36	42	48	54	60	66	72	
14	148.9									14
16	126.9	124.7								16
18	108.5	108.2	106.6	98.6						18
20	94.4	94.2	93.7	92.7	83.1					20
22	83.4	83.2	82.7	82.2	81.6	70.4				22
24	74.5	74.3	73.9	73.4	72.8	69.8	60.5			24
26	67.1	67	66.6	66.1	65.6	65.1	60.1	51.9		26
28		60.9	60.5	60.1	59.5	59	58.4	51.4	44.3	28
30		55.7	55.4	54.9	54.4	53.9	53.3	51	43.9	30
32		51.2	50.9	50.5	50	49.5	48.9	48.5	43.5	32
34			47	46.6	46.1	45.6	45.1	44.6	43	34
36			43.6	43.2	42.7	42.3	41.7	41.3	40.7	36
38			40.6	40.2	39.8	39.3	38.7	38.3	37.7	38
40				37.6	37.1	36.6	36.1	35.6	35.1	40
42				35.1	34.7	34.3	33.7	33.3	32.7	42
44				32.9	32.5	32.1	31.5	31.1	30.5	44
46					30.6	30.2	29.6	29.2	28.6	46
48					28.8	28.4	27.8	27.4	26.8	48
50					27.1	26.7	26.2	25.8	25.2	50
52						25.2	24.7	24.3	23.7	52
54						23.8	23.3	22.9	22.4	54
56						22.5	22	21.7	21.1	56
58							20.8	20.5	19.9	58
60							19.7	19.4	18.8	60
62								18.4	17.8	62
64								17.4	16.9	64
66								16.5	16	66
68									15.1	68
70									13.6	70
72									12.2	72

主臂长度36 m，主臂角度85°，150t转台平衡重+40t车身平衡重
Boom 36m,boom angle 85°, 150t turntable counterweight +40t car-body counterweight

幅度 Radius (m)	塔臂长度 Tower jib Length(m)									幅度 Radius (m)
	24	30	36	42	48	54	60	66	72	
14	145.9									14
16	124.6	122.4								16
18	108.1	106.7	104.8							18
20	94.1	93.8	92.9	91.2	79.3					20
22	83.1	82.8	82.3	81.8	78.9	67.5				22
24	74.2	74	73.5	73	72.5	67	58.1			24
26	66.9	66.8	66.3	65.8	65.3	64.8	57.7	49.9		26
28	60.6	60.7	60.3	59.8	59.2	58.7	57.4	49.6	42.6	28
30		55.5	55.1	54.6	54.1	53.6	53	49.1	42.3	30
32		51	50.7	50.2	49.7	49.2	48.6	48.2	41.9	32
34		47.1	46.8	46.4	45.9	45.4	44.8	44.4	40.8	34
36			43.4	43	42.5	42	41.4	41	39.1	36
38			40.4	40.1	39.6	39.1	38.5	38	37.4	38
40				37.4	36.9	36.4	35.8	35.4	34.8	40
42				35	34.5	34.1	33.5	33.1	32.5	42
44				32.8	32.4	31.9	31.3	30.9	30.3	44
46					30.4	30	29.4	29	28.4	46
48					28.6	28.2	27.7	27.2	26.6	48
50					26.9	26.6	26	25.6	25	50
52						25.1	24.6	24.2	23.6	52
54						23.7	23.2	22.8	22.2	54
56						22.4	21.9	21.5	20.9	56
58							20.6	20.3	19.7	58
60							18.6	18.7	18.1	60
62							16.7	17	16.5	62
64								15.3	15	64
66								13.7	13.6	66
68									12.2	68
70									10.8	70
72									9.5	72

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

主臂长度42 m , 主臂角度85° , 150t转台平衡重+40t车身平衡重
Boom 42m,boom angle 85° , 150t turntable counterweight +40t car-body counterweight

幅度 Radius (m)	塔臂长度 Tower jib Length(m)									幅度 Radius (m)
	24	30	36	42	48	54	60	66	72	
14	142.9									14
16	122.3	120.1								16
18	106.8	104.9	103							18
20	93.7	93	91.4	88.1						20
22	82.8	82.5	82	80.5	74.8					22
24	73.9	73.7	73.2	72.7	71.5	63.8	55.4			24
26	66.7	66.5	66	65.5	64.9	63.3	55.2	47.8		26
28	60.5	60.5	60	59.5	58.9	58.4	54.9	47.6	40.8	28
30		55.3	54.9	54.4	53.8	53.3	52.6	46.7	40.5	30
32		50.8	50.5	50	49.4	48.9	48.3	44.6	39.8	32
34		46.9	46.6	46.2	45.6	45.1	44.5	42.4	38.2	34
36			43.2	42.8	42.3	41.8	41.2	40.2	36.5	36
38			40.2	39.9	39.3	38.9	38.3	37.8	34.8	38
40			37.5	37.2	36.7	36.2	35.6	35.2	33	40
42				34.8	34.3	33.9	33.3	32.8	31.2	42
44				32.6	32.2	31.7	31.2	30.7	29.5	44
46					30.2	29.8	29.2	28.8	27.7	46
48					28.5	28	27.5	26.8	25.9	48
50					25.7	26.1	25.6	24.7	24.2	50
52						23.6	23.4	22.8	22.5	52
54						21.3	21.3	20.8	20.9	54
56						19.2	19.3	19	19.3	56
58							17.4	17.3	17.8	58
60							15.6	15.6	16.3	60
62							13.9	14	14.9	62
64								12.5	13.5	64
66								11.1	12.3	66
68								9.7	11	68
70									9.8	70
72									8.7	72
74									7.6	74

主臂长度48 m , 主臂角度85° , 150t转台平衡重+40t车身平衡重
Boom 48m,boom angle 85° , 150t turntable counterweight +40t car-body counterweight

幅度 Radius (m)	塔臂长度 Tower jib Length(m)									幅度 Radius (m)
	24	30	36	42	48	54	60	66	72	
16	119.9									16
18	104.8	103	97.5							18
20	93	91.4	89.7	82.7						20
22	82.3	82	80.6	79.1	70.5					22
24	73.6	73.3	72.8	71.7	70.1	60.5				24
26	66.3	66.1	65.6	65.1	64.2	60	52.3	45.3		26
28	60.2	60.1	59.6	59.1	58.5	57.2	51.2	45	38.8	28
30		55	54.5	54	53.5	52.9	48.7	43.9	38.5	30
32		50.6	50.2	49.7	49.1	48.6	46.1	41.9	37.2	32
34		46.7	46.3	45.9	45.3	44.8	43.3	39.9	35.6	34
36			43	42.6	42	41.5	40.6	37.7	33.9	36
38			40	39.6	39.1	38.6	37.9	35.6	32.3	38
40			37.3	37	36.4	36	35.2	33.5	30.5	40
42				34.6	34.1	33.6	32.6	31.3	28.8	42
44				31.9	32	31.3	30.1	29.2	27	44
46				28.6	29	28.6	27.7	27.2	25.3	46
48					26.2	26.1	25.4	25.2	23.6	48
50					23.6	23.7	23.2	23.3	22	50
52					21.1	21.4	21.1	21.5	20.3	52
54						19.3	19.1	19.7	18.8	54
56							17.3	17.3	18.1	56
58								15.5	16.5	58
60								13.8	15	60
62								12.3	13.5	62
64									12.2	64
66									10.9	66
68									9.7	68
70										70
72										72
74										74

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

主臂长度54 m, 主臂角度85°, 150t转台平衡重+40t车身平衡重
Boom 54m, boom angle 85°, 150t turntable counterweight +40t car-body counterweight

幅度 Radius (m)	塔臂长度 Tower jib Length(m)									幅度 Radius (m)
	24	30	36	42	48	54	60	66	72	
16	116									16
18	102.9	100.7								18
20	91.4	89.8	87.7	77.2						20
22	81.9	80.7	79.2	76.4	66.1					22
24	73.2	72.9	71.8	70.5	65.6	57				24
26	66	65.7	65.2	64.4	61.7	55.5	49.4			26
28	59.9	59.8	59.3	58.7	57.7	52.5	47.6	42.3		28
30	54.6	54.7	54.2	53.7	53.1	49.3	45.2	40.5	35.8	30
32		50.3	49.8	49.4	48.8	46.1	42.7	38.6	34.4	32
34		46.4	46.1	45.6	45	42.8	40.1	36.6	32.8	34
36			42.7	42.3	41.7	39.7	37.6	34.6	31.2	36
38			39.7	39.3	38.3	36.6	35	32.5	29.6	38
40			35.6	35.7	35	33.7	32.6	30.4	27.9	40
42				32.2	31.8	30.9	30.2	28.4	26.2	42
44				29	28.9	28.2	27.9	26.4	24.5	44
46				26	26.2	25.7	25.7	24.5	22.8	46
48					23.6	23.4	23.6	22.6	21.2	48
50					21.2	21.2	21.6	20.8	19.6	50
52					19	19.1	19.7	19.1	18.1	52
54						17.1	17.9	17.5	16.6	54
56						15.3	16.2	15.9	15.2	56
58						13.6	14.7	14.4	13.8	58
60							13.2	13.1	12.5	60
62							11.8	11.7	11.3	62
64								10.5	10.1	64
66								9.3	9	66
68								8.2	7.9	68
70									6.9	70
72									5.9	72
74									5	74

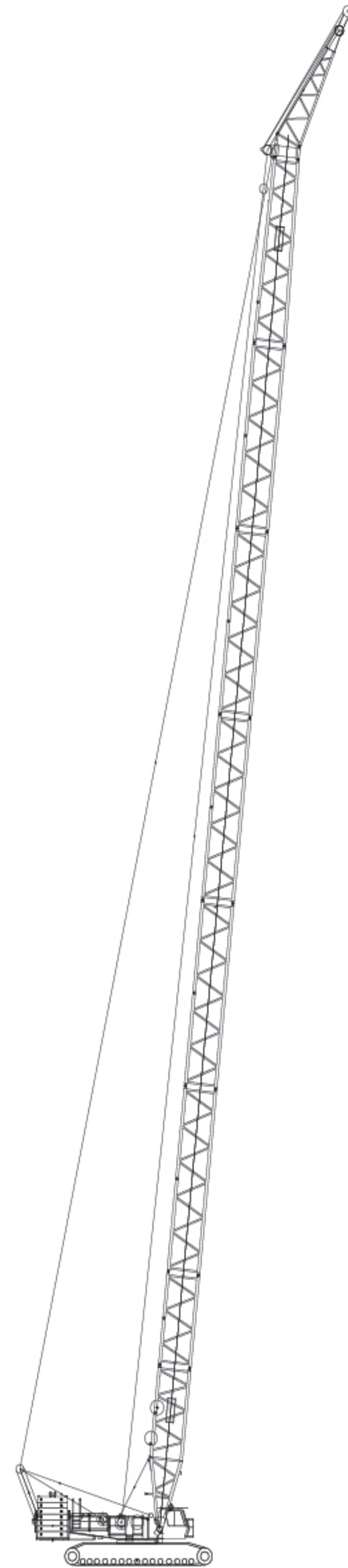
主臂长度60 m, 主臂角度85°, 150t转台平衡重+40t车身平衡重
Boom 60m, boom angle 85°, 150t turntable counterweight +40t car-body counterweight

幅度 Radius (m)	塔臂长度 Tower jib Length(m)									幅度 Radius (m)
	24	30	36	42	48	54	60	66	72	
16	105.9									16
18	100.8	92.3								18
20	89.6	88.1	80.6							20
22	80.6	79.2	77.7	70.7						22
24	72.7	71.9	70.5	66.8	60.3	53.1				24
26	65.5	65.3	64.4	62.2	56.8	51.6	46			26
28	59.5	59.3	58.8	57.5	53.1	48.8	44	39.3		28
30	54.3	54.3	53.8	52.9	49.4	45.9	41.8	37.6	33.3	30
32		49.9	49.5	48.5	45.8	43	39.4	35.8	31.9	32
34		46.1	45.7	44.3	42.2	40.1	37.1	33.9	30.4	34
36		41.7	41.4	40.4	38.8	37.2	34.7	32	28.9	36
38			37.3	36.7	35.5	34.5	32.4	30	27.3	38
40			33.6	33.3	32.5	31.8	30.1	28.1	25.7	40
42				30.2	29.6	29.3	27.8	26.2	24.1	42
44				27.2	26.9	26.9	25.7	24.3	22.5	44
46				24.5	24.3	24.6	23.7	22.5	21	46
48					22	22.4	21.7	20.8	19.4	48
50					19.8	20.4	19.8	19.1	17.9	50
52					17.7	18.6	18.1	17.5	16.5	52
54						16.8	16.4	16	15.1	54
56						15.2	14.9	14.5	13.8	56
58						13.6	13.4	13.1	12.5	58
60							12	11.8	11.3	60
62							10.7	10.6	10.1	62
64							9.5	9.4	9	64
66								8.3	7.9	66
68								7.2	6.9	68
70								6.2	6	70
72									5.1	72

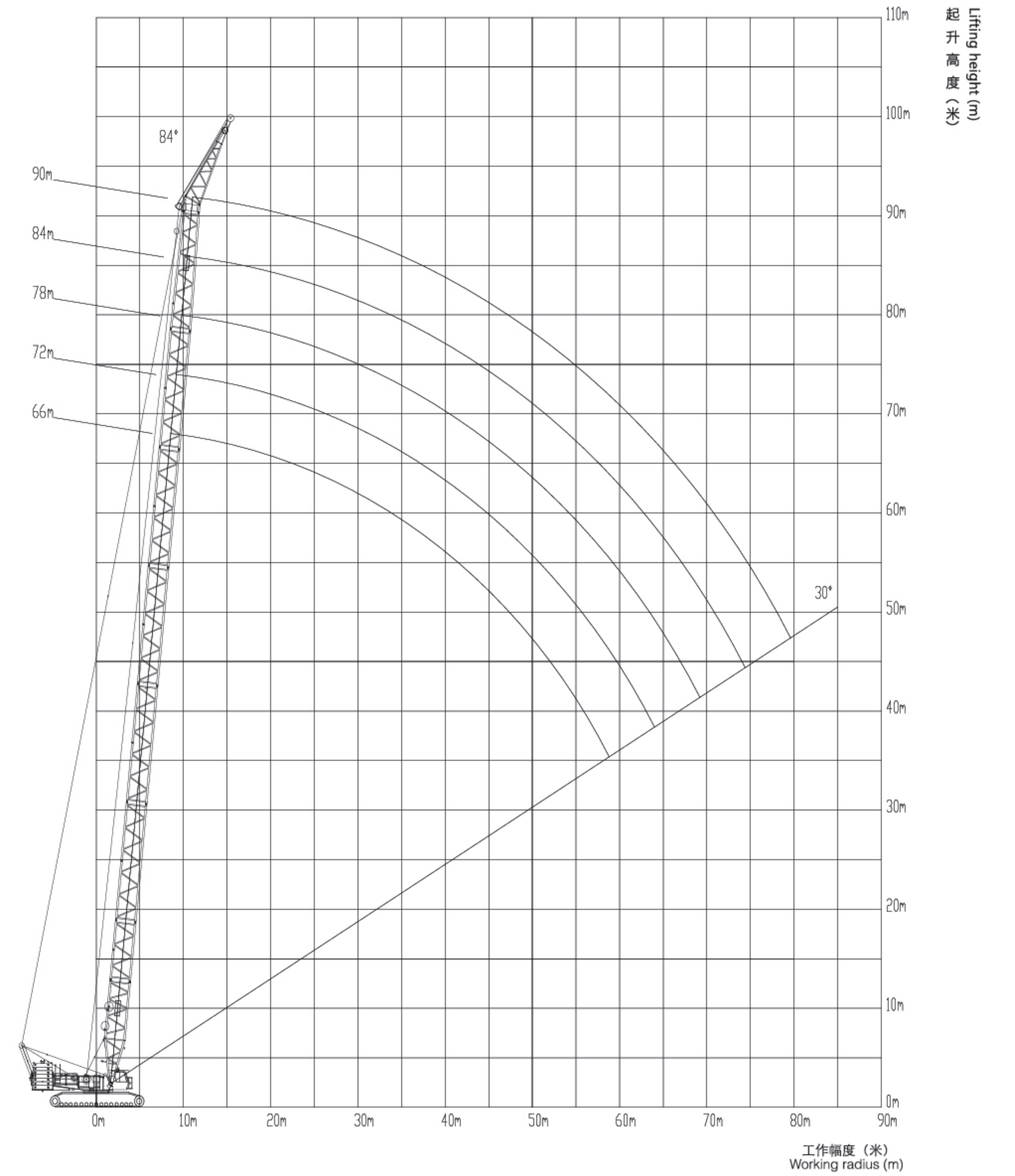
标准工况鹅头副臂臂节组合
Standard Mode Special jib
Combinations/ Special Jib

臂长 Boom length (m)	中间臂节 Boom insert			
	H6	H12A	H12B	H12C
66	1	2	1	—
72	—	2	1	1
78	1	2	1	1
84	—	2	1	2
90	1	2	1	2

注：标准工况专用副臂为选装工况



标准工况鹅头副臂作业范围
Standard Mode Special jib Working Area

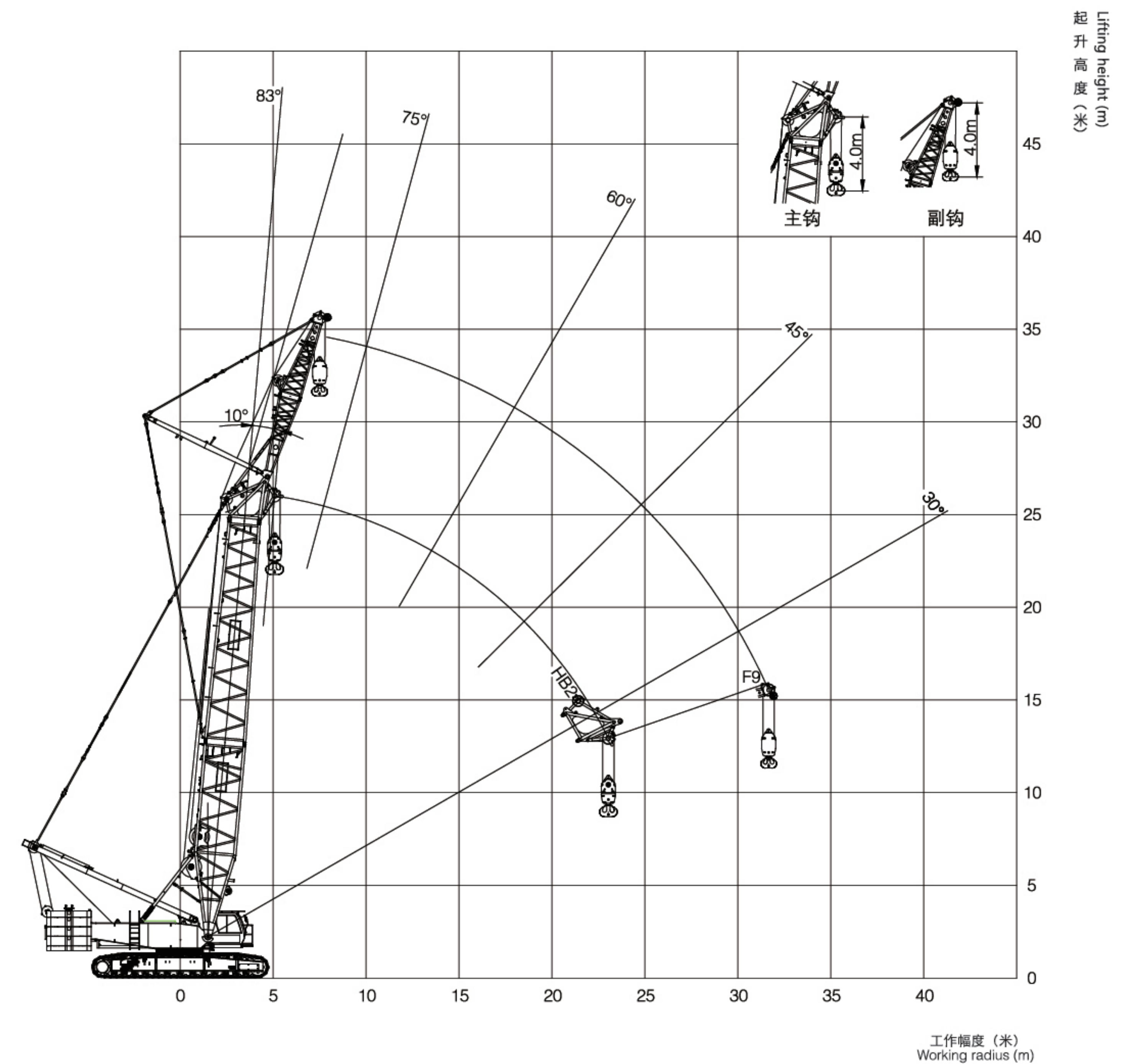


标准工况鹅头副臂
起重性能表
Standard Mode Special
Jib Lifting Load Chart

150t转台平衡重+40t车身平衡重，副臂安装角度21.6°
150t turntable counterweight + 40t car-body counterweight, special jib angle 21.6°

幅度Radius (m)	主臂臂长 Boom length m					幅度Radius (m)
	66	72	78	84	90	
14	116.0	116.0	115.3			14
15	116.0	116.0	114.1	96.7	85	15
16	112.5	110.5	108.5	95.6	83.9	16
18	97.0	95.4	93.6	92.0	81.9	18
20	84.9	83.5	81.9	80.5	78.9	20
22	74.1	73.7	72.5	71.2	69.8	22
24	65.3	64.9	64.2	63.5	62.1	24
26	58.1	57.6	56.9	56.4	55.7	26
28	52.1	51.6	50.9	50.3	49.6	28
30	47.0	46.5	45.7	45.2	44.4	30
32	42.6	42.1	41.3	40.8	40	32
34	38.8	38.3	37.5	36.9	36.1	34
36	35.4	34.9	34.1	33.6	32.7	36
38	32.5	32.0	31.1	30.6	29.7	38
40	29.8	29.3	28.5	27.9	27.1	40
42	27.5	27.0	26.1	25.6	24.7	42
44	25.4	24.8	24.0	23.4	22.6	44
46	23.4	22.9	22.1	21.5	20.6	46
48	21.7	21.2	20.3	19.7	18.8	48
50	20.1	19.6	18.7	18.1	17.2	50
52	18.6	18.1	17.2	16.6	15.7	52
54	17.2	16.7	15.8	15.2	14.4	54
56	16.0	15.5	14.6	14.0	13.1	56
58	14.8	14.3	13.4	12.8	11.9	58
60	13.7	13.2	12.3	11.7	10.8	60
62	12.7	12.2	11.3	10.7	9.8	62
64	11.7	11.2	10.3	9.7	8.8	64
66	10.8	10.3	9.4	8.9	8.0	66
68		9.5	8.6	8.0	7.1	68
70		8.7	7.8	7.2	6.3	70
72			7.1	6.5	5.6	72
74			6.3	5.8		74

标准工况盾构副臂作业范围(选配)
Standard Mode TBM Working Area (Option)



主臂长度24m，主副臂带钩复合吊装 标准：GB/DIN/ISO	
回转	360°
转台配重	160t
车身配重	50t
副臂长度	9m
主副臂夹角	10°
主臂长度	24m

HB24+F9_10°					
主臂角度 (°)	主钩半径 (m)	主钩载荷 (t)	副钩半径 (m)	副钩载荷 (t)	主钩加副钩总载荷 (t)
80.4	7	260	9.9	200	215.2
77.9	8	260	11.3	200	215.2
75.4	9	260	12.7	183.1	199.7
72.9	10	237.1	14.1	159.1	178.8
70.3	11	211.1	15.5	139.9	161.4
67.7	12	189.8	16.8	123.4	144.2
65.0	13	170.2	18.2	110.1	128.5
62.3	14	151.3	19.6	99.1	115.7
59.5	15	135.7	21.0	89.9	104.8
56.6	16	122.7	22.4	82	95.6
53.5	17	111.6	23.8	75.2	87.7
50.4	18	102	25.1	69.3	80.8
47.0	19	93.7	26.5	64.1	74.7
43.5	20	86.4	27.9	59.5	69.2

注：标准盾构工况时，采用转台配重160t+车身配重50t，需在标配的基础上增加4块5t配重块

Note: In standard TBM jib working condition, 160t turntable counterweight and 50t car-body counterweight are adopted, four 5t counterweight slabs need to be added on the basis of the standard configuration.

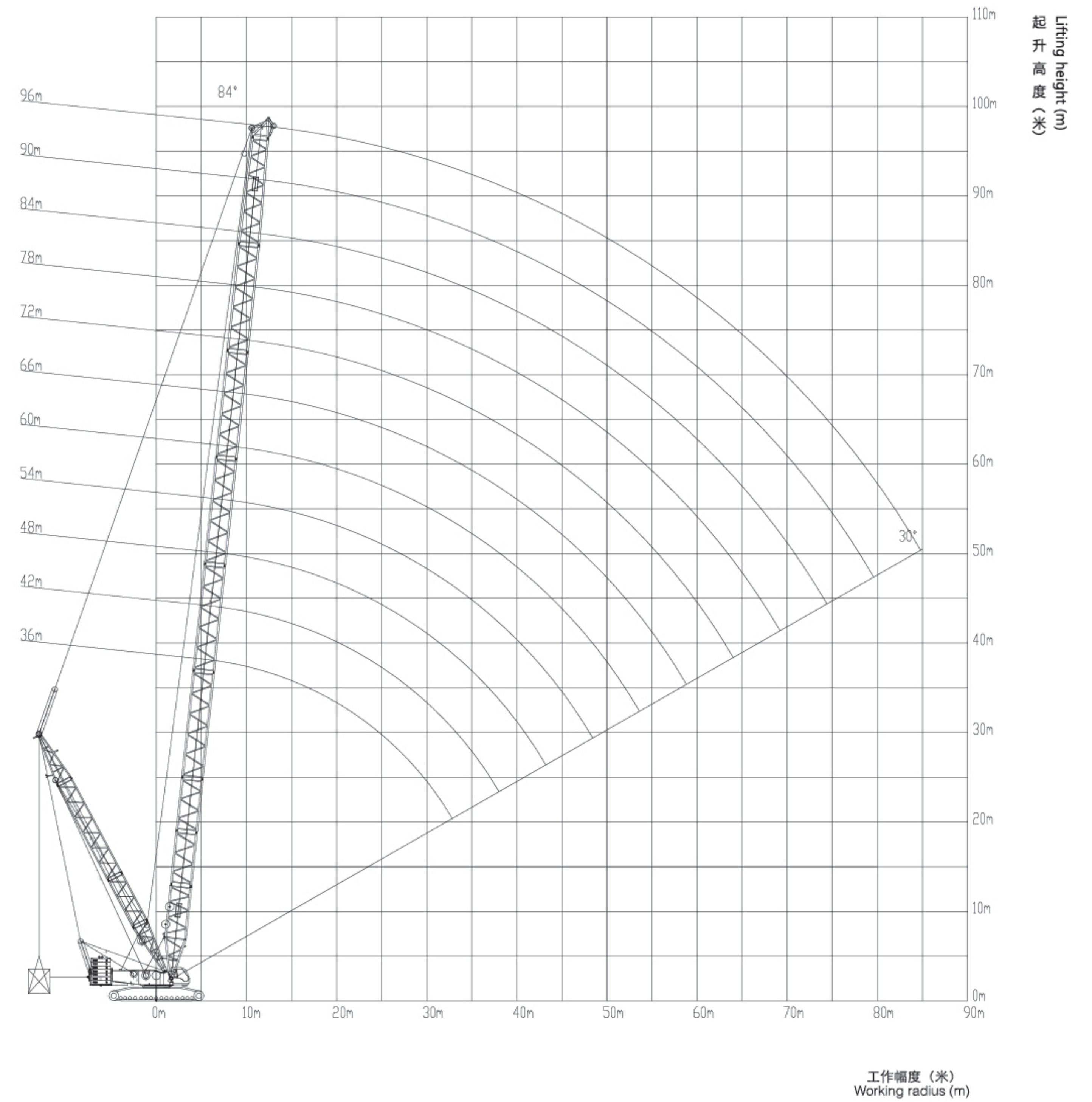
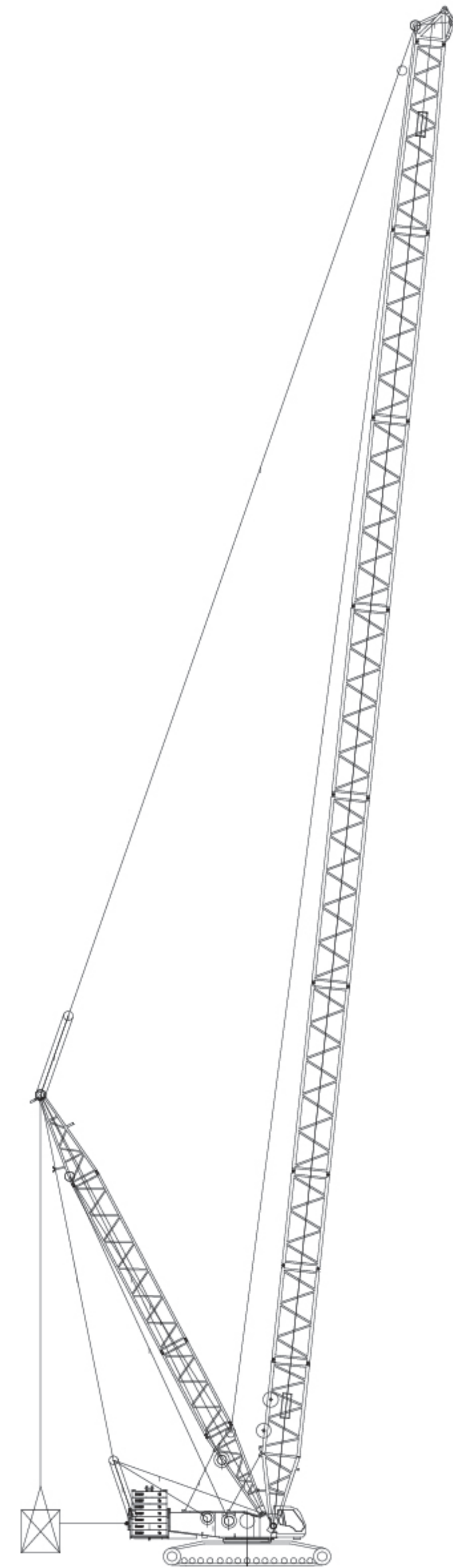


XGC400履带起重机 XGC400 CRAWLER CRANE

- 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-P52 超起工况塔式副臂起重性能表
SL Mode Tower Jib Lifting Load Chart
- P53-P53 超起工况鹅头副臂臂节组合/鹅头副臂
SL Mode Special Jib Combinations/ Special Jib
- P54-P54 超起工况鹅头副臂作业范围图
SL Mode Special Jib Working Area
- P55-P55 超起工况鹅头副臂起重性能表
SL Mode Special Jib Lifting Load Chart
- P56-P56 超起工况盾构副臂作业范围图 (选配)
SL Mode TBM Working Area (Option)
- P57-P57 超起工况盾构副臂起重性能表 (选配)
SL Mode TBM Lifting Load Chart (Option)
- P58-P64 主要零部件
Main parts
- P65-P65 工作条件及注意
Working conditions and Cautions
- P66-P66 备忘录
Memo

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			
	H6	H12A	H12B	H12C
36	—	1	—	—
42	1	1	—	—
48	—	1	1	—
54	1	1	1	—
60	—	2	1	—
66	1	2	1	—
72	—	2	1	1
78	1	2	1	1
84	—	2	1	2
90	1	2	1	2
96	2	2	1	2



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

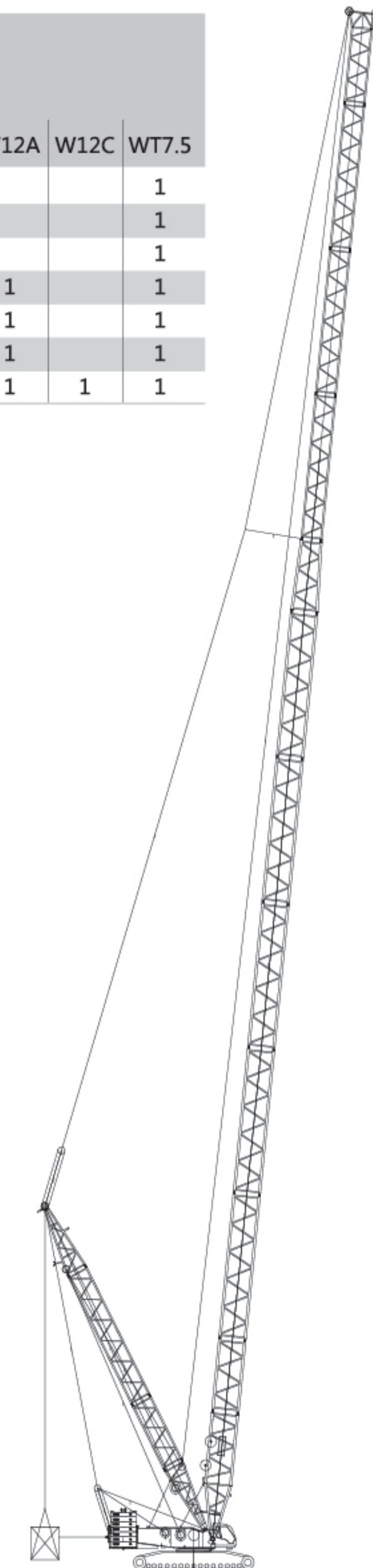
110t转台平衡重+20t车身平衡重+230t超起平衡重, 超起平衡重半径11-15m

110t turntable counterweight+20t car-body counterweight+230t SL counterweight, SL counterweight radius 11-15m

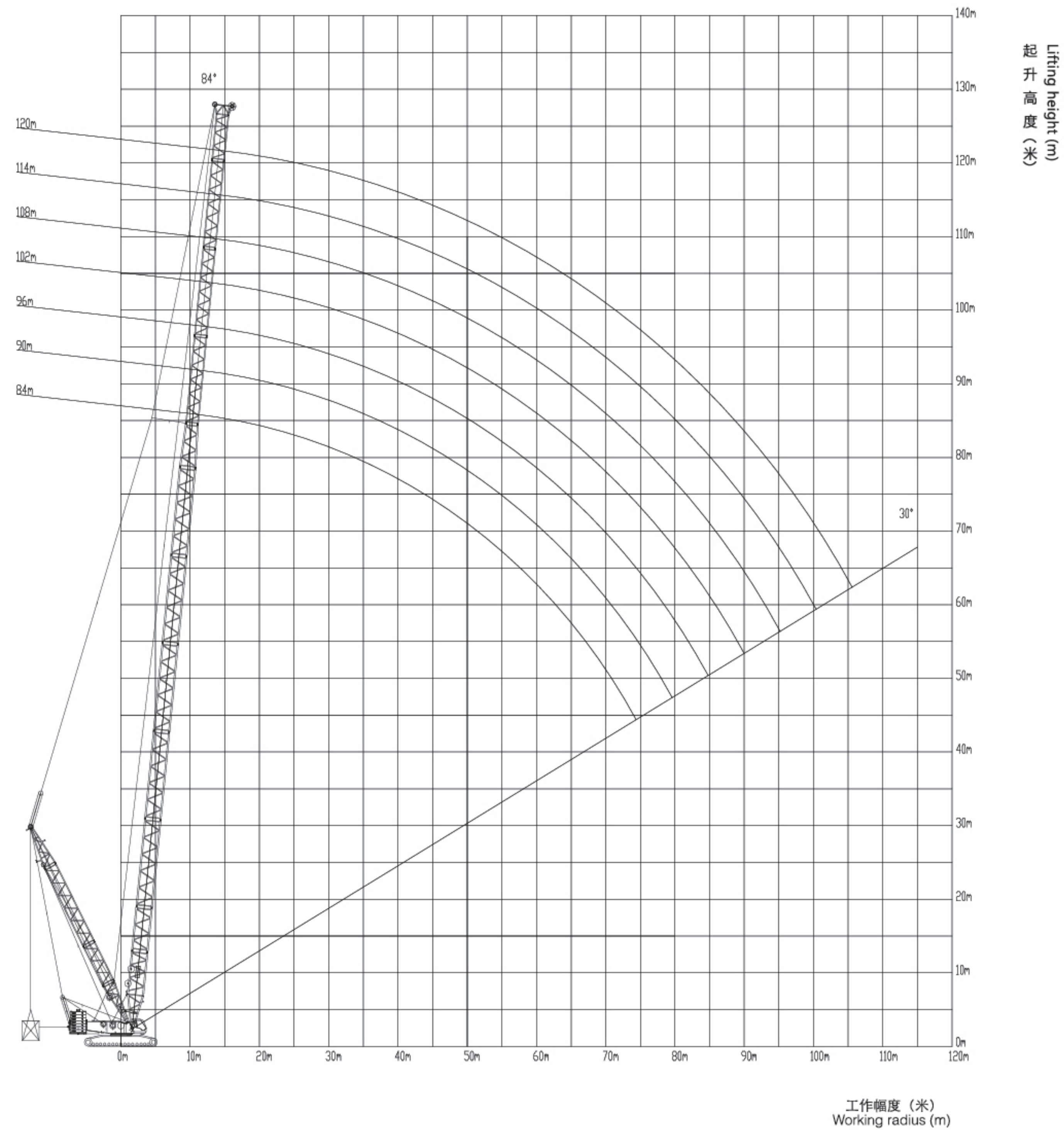
幅度 Radius (m)	臂长 Boom length (m)											幅度 Radius (m)
	36	42	48	54	60	66	72	78	84	90	96	
7	400.0											7
8	400.0	384.0										8
9	395.0	379.0	357.0	328.2								9
10	390.0	373.0	356.0	326.7	294.7	261.7						10
12	381.0	362.0	348.0	323.8	292.2	261.7	224.8	191.0	160.2			12
14	367.5	353.0	338.0	320.8	289.7	261.7	224.7	190.9	160.0	138.8	121.2	14
16	322.2	321.3	320.4	317.8	287.3	260.3	224.3	190.6	159.6	138.4	120.8	16
18	286.5	285.6	284.8	284.4	283.5	258.3	223.5	189.9	159.0	137.9	120.3	18
20	256.7	256.3	256.0	255.4	254.7	253.5	222.4	189.1	158.3	137.3	119.7	20
22	230.6	230.5	230.2	229.6	229.0	228.3	221.1	188.0	157.4	136.5	119.1	22
24	206.5	206.3	206.1	205.7	205.3	204.7	204.4	186.9	156.4	135.7	118.3	24
26	186.7	186.5	186.3	185.8	185.4	184.8	184.4	183.8	155.3	134.7	117.5	26
28	170.2	169.9	169.7	169.2	168.7	168.1	167.8	167.1	154.1	133.8	116.7	28
30	156.1	155.8	155.6	155.1	154.6	154.0	153.6	152.9	152.5	132.7	115.8	30
32		143.8	143.5	143.0	142.5	141.9	141.5	140.8	140.3	131.6	114.9	32
34		133.3	133.0	132.4	132.0	131.3	130.9	130.2	129.8	129.0	113.9	34
36		124.0	123.7	123.2	122.7	122.1	121.7	121.0	120.5	119.7	112.9	36
38			115.6	115.1	114.6	113.9	113.5	112.8	112.3	111.5	110.7	38
40			108.3	107.8	107.3	106.6	106.3	105.5	105.1	104.3	103.4	40
42				101.3	100.8	100.1	99.8	99.0	98.5	97.7	96.9	42
44				95.4	94.9	94.3	93.9	93.1	92.7	91.8	91.0	44
46				90.1	89.6	88.9	88.6	87.8	87.3	86.5	85.7	46
48					84.8	84.1	83.7	83.0	82.5	81.7	80.8	48
50					80.3	79.6	79.3	78.5	78.0	77.2	76.4	50
52					76.2	75.6	75.2	74.4	74.0	73.2	72.3	52
54						71.8	71.5	70.7	70.2	69.4	68.6	54
56							68.0	67.2	66.8	65.9	65.1	56
58							64.8	64.0	63.6	62.7	61.9	58
60							61.8	61.0	60.6	59.7	58.9	60
62							59.0	58.2	57.8	57.0	56.1	62
64								55.2	54.3	53.5	52.7	64
66								52.7	51.9	51.1	50.3	66
68								50.4	49.6	48.8	48.0	68
70								48.3	47.5	46.6	45.8	70
72								46.2	45.4	44.6	43.8	72
74								44.3	43.5	42.7	41.9	74
76									41.7	40.8	40.0	76
78									39.9	39.1	38.3	78
80										37.5	36.7	80
82											35.9	82

**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										
	HB10.5	H6	H12A	H12B	H12C	H6C	W6A	W6B	W12A	W12C	WT7.5
84	1	1	1	1	2	1	1				1
90	1	1	1	1	2	1	1	1			1
96	1		2	1	2	1	1	1			1
102	1		2	1	2	1	1		1		1
108	1	1	2	1	2	1	1		1		1
114	1	1	2	1	2	1	1	1	1		1
120	1	1	2	1	2	1	1		1	1	1



超起工况轻型主臂作业范围
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

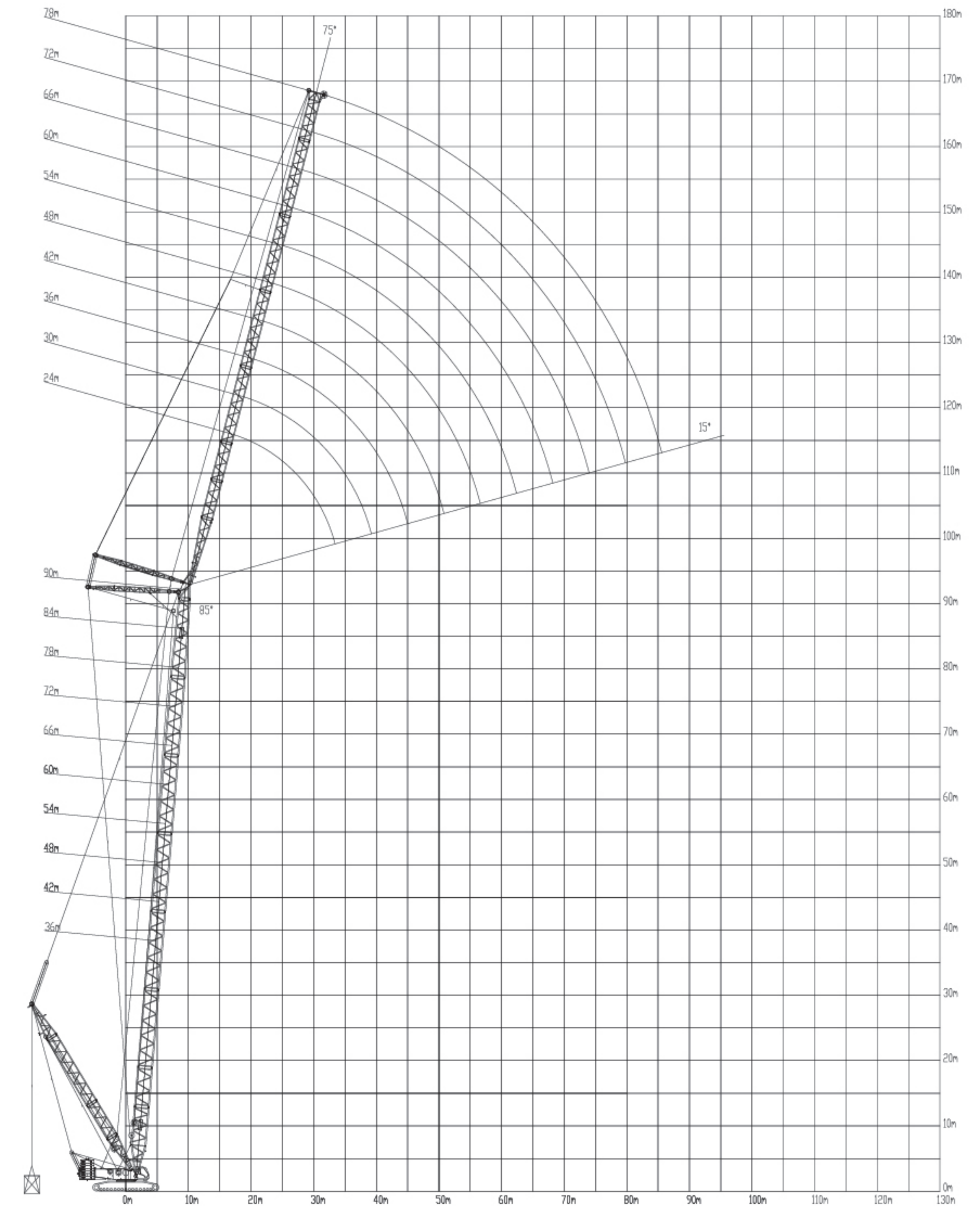
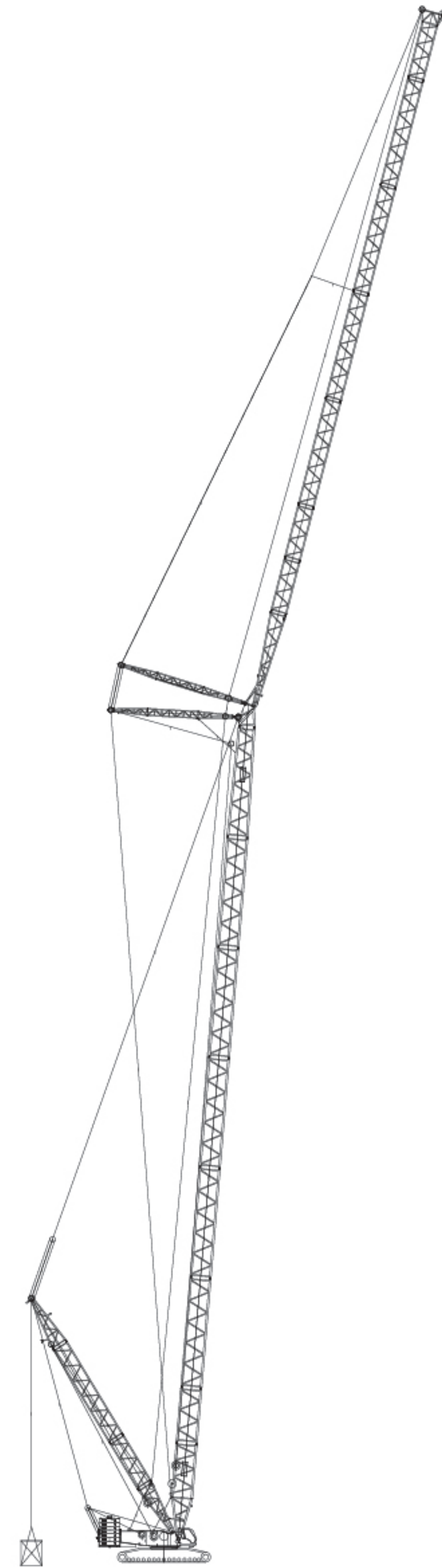
110t转台平衡重+20t车身平衡重+230t超起平衡重，超起平衡重半径11-15m

110t turntable counterweight+20t car-body counterweight+230t SL counterweight, SL counterweight radius 11-15m

幅度 Radius (m)	臂长 Boom length (m)							幅度 Radius (m)
	84	90	96	102	108	114	120	
12	154.2							12
14	154.2	129.7	114.8	96				14
16	153.9	129.4	113.3	95.8	85.1	72.6	61.7	16
18	153.5	129	113	95.4	84.7	72.2	61.3	18
20	153	128.4	112.5	95	84.3	71.9	60.9	20
22	152.3	127.8	112	94.5	83.9	71.4	60.5	22
24	151.6	127.2	111.4	93.9	83.5	71	60.1	24
26	150.8	126.5	110.8	93.5	83	70.5	59.8	26
28	149.8	125.7	110.1	92.9	82.5	70.1	59.3	28
30	148.8	124.9	109.5	92.3	82	69.6	58.8	30
32	143.4	124	108.8	91.6	81.5	69.1	58.4	32
34	132.8	123.1	108	91	80.9	68.6	57.6	34
36	123.6	122.2	107.2	90.4	80.3	68.1	57.1	36
38	115.4	115.4	106.5	89.7	79.8	67.6	56.6	38
40	108.2	108.1	105.7	89	79.2	67.1	55.7	40
42	101.7	101.6	100.9	88.1	78.6	66.5	54.7	42
44	95.8	95.8	95	86.5	78	66	53.5	44
46	90.5	90.4	89.7	85	77.4	65.5	52.5	46
48	85.6	85.6	84.8	83.6	76.8	64.8	51.4	48
50	81.2	81.2	80.4	80	76.1	63.7	50.6	50
52	77.2	77.1	76.3	76	75.1	62.6	49.5	52
54	73.4	73.4	72.6	72.2	71.4	61.6	48.6	54
56	70	69.9	69.1	68.8	67.9	60.7	47.8	56
58	66.8	66.7	65.9	65.6	64.7	59.7	47	58
60	63.8	63.7	63	62.6	61.7	59.6	46	60
62	61	61	60.2	59.8	59	57.9	45.2	62
64	58.4	58.4	57.6	57.2	56.4	56.3	44.5	64
66	55.9	55.9	55.2	54.8	53.9	53.9	43.6	66
68	53.7	53.6	52.9	52.5	51.7	51.6	42.7	68
70	51.5	51.5	50.7	50.4	49.5	49.4	42	70
72	49.5	49.5	48.7	48.3	47.5	47.4	41.4	72
74	47.5	47.5	46.8	46.4	45.6	45.5	40.6	74
76		45.7	45	44.6	43.8	43.7	40.1	76
78		44	43.3	42.9	42.1	42	39.4	78
80			41.6	41.3	40.4	40.4	39	80
84			38.6	38.3	37.4	37.4	37	84
88				35.5	34.7	34.7	34.2	88
92					32.2	32.2	31.8	92
96						29.9	29.5	96
100						27.8	27.4	100
104							25.5	104
108								108

超起工况塔式副臂作业范围
SL Mode Tower Jib Working Area

臂长 Boom length (m)	中间臂节 Boom insert				
	W6A	W6B	W12A	W12B	W12C
24	1	—	—	—	—
30	1	1	—	—	—
36	1	—	1	—	—
42	1	1	1	—	—
48	1	—	2	—	—
54	1	1	2	—	—
60	1	—	2	1	—
66	1	1	2	1	—
72	1	—	2	1	1
78	1	1	2	1	1



起升高度 (米)
Lifting height (m)

工作幅度 (米)
Working radius (m)

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

主臂角度85°，转台平衡重110t+车身平衡重20t+超起平衡重230t，超起平衡半径11-15m
 Boom angle 85°, 110t turntable counterweight+20t car-body counterweight+230t SL counterweight, SL counterweight radius 11-15m

幅度 Radius (m)	臂长 36米 Boom length 36m										幅度 Radius (m)
	24	30	36	42	48	54	60	66	72	78	
14	185										14
16	170.4	159.5									16
18	158.7	149.7	139.7								18
20	148.3	140.6	132.2	116.9	95.5						20
22	139	132.4	125.2	116.3	95.1	78.7					22
24	130.9	125	118.8	112.1	94.5	78.3	66.3				24
26	123.7	118.3	112.8	106.9	93.9	77.8	65.9	55.8			26
28	109.9	112.2	107.3	102.1	93.1	77.2	65.5	55.4	47.1		28
30		106.8	102.2	97.6	92.2	76.5	65.1	55	46.7	38.7	30
32		102	97.6	93.4	88.9	75.8	64.6	54.6	46.3	38.4	32
34		88.6	93.4	89.5	85.4	75.1	64	54.1	45.9	38	34
36			89.4	85.8	81.7	72.2	63.5	53.7	45.5	37.7	36
38			81.4	82.5	77.7	68.6	62.9	53.2	45.1	37.3	38
40				76.7	73.9	65.3	62.3	52.7	44.7	36.9	40
42				70.7	69.9	62.1	61.6	52.2	44.3	36.6	42
44				63.3	65.2	59.2	58.7	51.7	43.9	36.2	44
46					60.8	56.4	55.8	51.2	43.4	35.8	46
48					56.5	53.9	52.9	49.4	43	35.5	48
50					52.2	51.5	50	47.1	42.6	35.1	50
52						48.6	47.2	44.8	41.5	34.7	52
54						45.4	44.5	42.6	39.7	34.4	54
56						42.3	41.9	40.4	37.9	34	56
58							39.3	38.2	36.1	33.7	58
60							36.8	36.1	34.3	32.4	60
62							34.3	34	32.6	31	62
64								32	30.9	29.7	64
66								30	29.2	28.4	66
68									27.5	27.1	68
70									25.8	25.8	70
72									24.2	24.6	72
74										23.3	74
76										22.1	76
78										20.9	78

主臂角度85°，转台平衡重110t+车身平衡重20t+超起平衡重230t，超起平衡半径11-15m
 Boom angle 85°, 110t turntable counterweight+20t car-body counterweight+230t SL counterweight, SL counterweight radius 11-15m

幅度 Radius (m)	臂长 42米 Boom length 42m										幅度 Radius (m)
	24	30	36	42	48	54	60	66	72	78	
14	178.7										14
16	167.3	155.8									16
18	156.8	147.2	133.8								18
20	147.2	139.1	130.1	109.1							20
22	138.6	131.6	123.9	108.6	89.6						22
24	130.9	124.7	118	107.9	89.2	74.3	63.2				24
26	124.1	118.3	112.4	106.3	88.7	73.9	62.9	53.4			26
28	118.1	112.6	107.3	101.9	88	73.5	62.6	53.1	45.3		28
30		107.4	102.5	97.7	87.2	72.9	62.2	52.8	45	37.4	30
32		101.6	98.1	93.7	86.3	72.3	61.8	52.5	44.7	37.1	32
34		91.9	90.8	87.8	82.2	71.7	61.3	52.1	44.4	36.8	34
36			83.1	81.5	77.2	71	60.9	51.7	44	36.5	36
38			75.9	75.5	72.3	67.7	60.4	51.3	43.7	36.2	38
40			69.2	69.7	67.6	64	59.5	50.9	43.3	35.9	40
42				64.3	63	60.3	56.6	50.4	42.9	35.5	42
44				59.3	58.7	56.6	53.6	49.8	42.5	35.2	44
46					54.5	53.1	50.7	47.5	42.2	34.9	46
48					50.6	49.7	47.9	45.2	41.8	34.5	48
50					46.8	46.4	45.1	42.9	40.9	34.2	50
52						43.3	42.4	40.6	39.1	33.9	52
54						40.3	39.7	38.4	37.4	33.6	54
56							37.5	37.2	36.2	35.6	56
58								34.8	34.1	33.9	58
60								32.4	32	32.2	60
62								30.2	30	30.5	62
64									28.1	28.9	64
66									26.2	27.3	66
68									24.4	25.8	68
70										24.3	70
72										22.8	72
74										21.4	74
76											76
78											78

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

主臂角度85°，转台平衡重110t+车身平衡重20t+超起平衡重230t，超起平衡半径11-15m
 Boom angle 85°, 110t turntable counterweight+20t car-body counterweight+230t SL counterweight, SL counterweight radius 11-15m

幅度 Radius (m)	臂长 48米 Boom length 48m										幅度 Radius (m)
	24	30	36	42	48	54	60	66	72	78	
16	161.2										16
18	152	142.1	122.9								18
20	143.4	135	122.2	101.3							20
22	135.5	128.2	120.4	100.9	84						22
24	128.4	121.9	115.1	100.3	83.7	70.2					24
26	122	116.1	110.1	99.4	83.2	69.9	59.7	50.9			26
28	116.3	110.7	105.3	98.3	82.6	69.5	59.4	50.7	43.4		28
30		102.8	99	93	81.9	69.1	59.2	50.4	43.1	36	30
32		93.3	91.2	86.7	80.6	68.6	58.8	50.2	42.9	35.7	32
34		84.6	83.7	80.6	75.8	68	58.4	49.9	42.6	35.5	34
36			76.8	74.7	71.1	66.3	58	49.5	42.3	35.2	36
38			70.3	69.1	66.5	62.6	57.6	49.2	41.9	34.9	38
40			64.2	63.9	62	59	55.2	48.8	41.7	34.7	40
42				58.9	57.7	55.4	52.3	48.4	41.4	34.4	42
44				54.2	53.6	51.9	49.4	47.1	41	34.1	44
46				49.8	49.8	48.6	46.6	44.9	40.7	33.8	46
48					46.1	45.4	43.8	42.6	39.7	33.5	48
50					42.6	42.3	41.2	40.5	37.9	33.2	50
52					39.3	39.4	38.6	38.3	36.1	32.6	52
54						36.6	36.1	36.2	34.4	31.2	54
56						33.9	33.7	34.2	32.7	29.8	56
58							31.4	32.2	31	28.4	58
60							29.2	30.3	29.3	27	60
62							27.1	28.5	27.7	25.7	62
64								26.7	26.1	24.4	64
66								25	24.6	23.1	66
68								23.4	23.1	21.8	68
70									21.7	20.6	70
72									20.3	19.4	72
74									19	18.2	74
76										17.1	76
78										16	78
80										14.9	80

主臂角度85°，转台平衡重110t+车身平衡重20t+超起平衡重230t，超起平衡半径11-15m
 Boom angle 85°, 110t turntable counterweight+20t car-body counterweight+230t SL counterweight, SL counterweight radius 11-15m

幅度 Radius (m)	臂长 54米 Boom length 54m										幅度 Radius (m)
	24	30	36	42	48	54	60	66	72	78	
16	153.4										14
18	145.3	135.2									16
20	137.7	129.4	111.7	93.7							18
22	130.5	123.3	110.5	93.3	78.5						20
24	123.9	117.5	109	92.6	78.2	66.1					22
26	117.5	112.2	105.1	91.7	77.7	65.9	56.5				24
28	105.9	102.8	97.4	90.6	77.2	65.5	56.3	48.3			26
30	95.4	93.6	89.9	84.7	76.5	65.1	56.1	48.1	41.3	34.6	28
32		85.2	82.7	78.9	73.7	64.6	55.8	47.9	41.1	34.4	30
34		77.4	75.9	73.2	69.2	64.1	55.4	47.6	40.9	34.2	32
36			69.6	67.8	64.7	60.7	55	47.3	40.6	33.9	34
38			63.7	62.7	60.4	57.2	54.1	47	40.3	33.7	36
40			58.3	57.8	56.2	53.7	51.4	46.6	40.1	33.4	38
42				53.3	52.2	50.3	48.6	45.5	39.8	33.2	40
44				49	48.4	47	45.9	43.2	39.5	32.9	42
46				45	44.9	43.9	43.2	41.1	38.2	32.7	44
48					41.5	40.9	40.7	38.9	36.5	32.4	46
50					38.3	38	38.2	36.8	34.7	31.3	48
52					35.3	35.3	35.8	34.7	32.9	29.9	50
54						32.7	33.5	32.7	31.2	28.5	52
56						30.2	31.4	30.8	29.5	27.1	54
58						27.9	29.3	28.9	27.9	25.7	56
60							27.3	27.1	26.3	24.4	58
62							25.4	25.4	24.7	23.1	60
64								23.7	23.3	21.8	62
66								22.2	21.8	20.5	64
68								20.6	20.4	19.3	66
70									19.1	18.2	68
72									17.8	17	70
74									16.6	15.9	72
76										14.8	74
78										13.8	76
80										12.8	78

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

主臂角度85°，转台平衡重110t+车身平衡重20t+超起平衡重230t，超起平衡半径11-15m
 Boom angle 85°,110t turntable counterweight+20t car-body counterweight+230t SL counterweight, SL counterweight radius 11-15m

幅度Radius (m)	臂长 60米 Boom length 60m										幅度Radius (m)
	24	30	36	42	48	54	60	66	72	78	
16	144.7										16
18	137.8	121.5									18
20	131	119.3	101.7								20
22	124.6	116.6	100.5	85.9							22
24	118.6	112.2	98.9	85.2	72.7	62					24
26	108.4	103.2	96.5	84.2	72.2	61.8	53.4				26
28	98.2	94.5	89.5	83	71.6	61.5	53.2	45.8			28
30	89	86.3	82.7	78	70.9	61.1	52.9	45.7	39.4		30
32		78.8	76.2	72.7	68.1	60.6	52.6	45.5	39.2	32.9	32
34		71.8	70.1	67.5	63.9	60	52.3	45.2	39	32.8	34
36		65.4	64.3	62.5	59.7	56.9	51.9	44.9	38.8	32.6	36
38			59	57.8	55.7	53.6	50.2	44.6	38.6	32.4	38
40			54	53.4	51.8	50.4	47.6	44.3	38.3	32.1	40
42				49.2	48.1	47.3	45	42.2	38	31.9	42
44				45.3	44.6	44.3	42.4	40.1	37.2	31.7	44
46				41.7	41.3	41.4	39.9	38	35.5	31.4	46
48					38.2	38.6	37.5	35.9	33.8	30.4	48
50					35.3	36	35.2	33.9	32.1	29.1	50
52					32.5	33.6	32.9	31.9	30.4	27.7	52
54						31.2	30.8	30	28.7	26.3	54
56						29	28.8	28.2	27.1	25	56
58						26.9	26.8	26.4	25.6	23.7	58
60							25	24.8	24	22.4	60
62							23.3	23.2	22.6	21.1	62
64							21.6	21.6	21.2	19.9	64
66								20.1	19.8	18.7	66
68								18.7	18.5	17.5	68
70								17.4	17.2	16.4	70
72									16	15.3	72
74									14.9	14.3	74
76										13.3	76
78										12.3	78
80										11.3	80

主臂角度85°，转台平衡重110t+车身平衡重20t+超起平衡重230t，超起平衡半径11-15m
 Boom angle 85°,110t turntable counterweight+20t car-body counterweight+230t SL counterweight, SL counterweight radius 11-15m

幅度Radius (m)	臂长 66米 Boom length 66m										幅度Radius (m)
	24	30	36	42	48	54	60	66	72	78	
16	129.3										16
18	125.8	109.1									18
20	121.7	106.9	92.4								20
22	117.3	104.3	91.1	78.8							22
24	108.9	101.3	89.4	78	67.3						24
26	99.1	94.2	87.5	77	66.8	57.7	50.1				26
28	90.1	86.5	81.8	75.7	66.1	57.4	50	43.3			28
30	81.9	79.1	75.7	71.5	65.4	56.9	49.7	43.2	37.4		30
32		72.3	69.8	66.6	63.1	56.4	49.4	43	37.3	31.4	32
34		66.1	64.3	61.9	59.2	55.5	49	42.7	37.1	31.3	34
36		60.3	59.1	57.3	55.5	52.3	48.6	42.5	36.9	31.1	36
38			54.2	53	51.8	49.3	46.3	42.1	36.7	30.9	38
40			49.7	49	48.3	46.3	43.8	41	36.4	30.7	40
42			45.6	45.1	44.9	43.4	41.3	38.9	36.1	30.5	42
44				41.6	41.8	40.6	38.9	36.9	34.4	30.3	44
46				38.3	38.8	37.9	36.6	34.9	32.7	30.1	46
48				35.2	36	35.3	34.3	32.9	31	29.2	48
50					33.3	32.9	32.1	31	29.4	27.9	50
52					30.9	30.7	30	29.2	27.8	26.6	52
54						28.5	28	27.4	26.2	25.4	54
56						26.5	26.2	25.6	24.7	24.1	56
58						24.6	24.4	24	23.2	22.9	58
60							22.7	22.4	21.7	21.8	60
62							21.1	20.9	20.4	20.6	62
64							19.5	19.5	19	19.5	64
66								18.1	17.8	18.5	66
68								16.8	16.6	17.5	68
70								15.6	15.4	16.5	70
72									14.3	15.5	72
74									13.2	14.6	74
76									12.1	13.8	76
78										12.9	78
80										12.1	80

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

主臂角度85°，转台平衡重110t+车身平衡重20t+超起平衡重230t，超起平衡半径11-15m
 Boom angle 85°,110t turntable counterweight+20t car-body counterweight+230t SL counterweight, SL counterweight radius 11-15m

幅度Radius (m)	臂长 72米 Boom length 72m										幅度Radius (m)
	24	30	36	42	48	54	60	66	72	78	
18	109.4										18
20	105.9	93.8	81.8								20
22	102.1	91.4	80.6	70.4							22
24	98.2	88.7	79	69.6	60.7						24
26	90.8	85.8	77.2	68.6	60.2	52.5					26
28	83	79.1	74.6	67.4	59.5	52.1	45.7				28
30	75.9	72.8	69.2	65.7	58.7	51.7	45.5	39.8	34.8		30
32		66.8	64.1	61.5	57.7	51.1	45.1	39.6	34.6	29.4	32
34		61.3	59.2	57.3	54.2	50.5	44.8	39.4	34.4	29.2	34
36		56.3	54.6	53.4	50.9	47.9	44.3	39.1	34.2	29.1	36
38			50.3	49.6	47.6	45.2	42.4	38.8	34	28.9	38
40			46.3	46	44.4	42.5	40.1	37.6	33.8	28.7	40
42			42.6	42.6	41.4	39.9	37.9	35.7	33.5	28.5	42
44				39.5	38.6	37.3	35.7	33.8	32.5	28.3	44
46				36.6	35.9	34.9	33.6	32	31	28	46
48				33.8	33.4	32.6	31.5	30.2	29.5	26.8	48
50					31	30.4	29.5	28.4	28.1	25.6	50
52					28.7	28.3	27.6	26.7	26.7	24.5	52
54					26.6	26.4	25.8	25.1	25.3	23.3	54
56						24.5	24.1	23.5	23.9	22.2	56
58						22.8	22.4	22	22.6	21	58
60							20.9	20.6	21.4	20	60
62							19.4	19.2	20.2	18.9	62
64							18	17.8	19	17.9	64
66								16.6	17.9	16.9	66
68								15.4	16.9	16	68
70								14.2	15.9	15.1	70
72									14.9	14.2	72
74									14	13.4	74
76									13.1	12.6	76
78										11.8	78
80										11.1	80
82										10.4	82

主臂角度85°，转台平衡重110t+车身平衡重20t+超起平衡重230t，超起平衡半径11-15m
 Boom angle 85°,110t turntable counterweight+20t car-body counterweight+230t SL counterweight, SL counterweight radius 11-15m

幅度Radius (m)	臂长 78米 Boom length 78m										幅度Radius (m)
	24	30	36	42	48	54	60	66	72	78	
18	94.9										18
20	91.8	81.9									20
22	88.5	79.8	71	62.6							22
24	85.1	77.4	69.5	61.7	54.3						24
26	81.2	74.9	67.8	60.7	53.8	47.3					26
28	74.5	70.8	66.1	59.5	53.1	46.9	41.4				28
30	68.3	65.3	62.4	58.2	52.3	46.4	41.1	36.2			30
32	62.8	60.1	58	55.1	51.4	45.8	40.8	36	31.6	27	32
34		55.3	53.7	51.4	48.6	45.2	40.3	35.8	31.5	26.9	34
36		50.8	49.7	47.9	45.6	43	39.9	35.5	31.3	26.7	36
38			46	44.6	42.7	40.5	38	35.1	31	26.5	38
40			42.5	41.4	39.9	38.1	36	34.5	30.8	26.4	40
42			39.3	38.4	37.2	35.8	34	32.9	30.5	26.2	42
44				35.6	34.7	33.5	32	31.2	29.2	26	44
46				33	32.3	31.3	30	29.6	27.9	25.2	46
48				30.6	30	29.2	28.2	28.1	26.5	24.1	48
50					27.9	27.3	26.4	26.5	25.2	23	50
52					25.9	25.4	24.7	25	23.9	21.9	52
54					24	23.7	23	23.6	22.6	20.8	54
56						22	21.5	22.3	21.4	19.8	56
58						20.4	20	21	20.2	18.8	58
60						18.9	18.6	19.7	19.1	17.8	60
62							17.3	18.5	18	16.8	62
64							16	17.4	16.9	15.9	64
66							14.8	16.3	15.9	15	66
68								15.3	15	14.1	68
70								14.4	14.1	13.3	70
72									13.2	12.5	72
74									12.4	11.8	74
76									11.6	11	76
78										10.4	78
80										9.7	80
82										9.1	82

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

主臂角度85°，转台平衡重110t+车身平衡重20t+超起平衡重230t，超起平衡半径11-15m
 Boom angle 85°,110t turntable counterweight+20t car-body counterweight+230t SL counterweight, SL counterweight radius 11-15m

幅度Radius (m)	臂长 84米 Boom length 84m										幅度Radius (m)
	24	30	36	42	48	54	60	66	72	78	
18	80.3										18
20	77.7	69.8									20
22	74.9	67.9	60.7								22
24	72.1	65.9	59.4	53.2							24
26	69.4	63.8	57.9	52.3	46.6	41.4					26
28	66.4	61.7	56.3	51.2	45.9	41	36.4				28
30	61.2	58.6	54.7	50.1	45.1	40.5	36.1	32.1			30
32	56.6	54.2	51.6	48.8	44.3	39.9	35.7	31.8	28.2		32
34		50.2	48	45.7	43.1	39.3	35.3	31.6	28	24	34
36		46.5	44.6	42.7	40.5	38.1	34.9	31.3	27.8	23.8	36
38		43.1	41.4	39.9	38	36	34.4	30.9	27.5	23.7	38
40			38.4	37.2	35.6	33.9	32.7	30.6	27.3	23.5	40
42			35.7	34.6	33.3	31.9	31	29.2	27	23.3	42
44				32.2	31.1	29.9	29.3	27.8	25.9	23.1	44
46				29.9	29	28	27.7	26.4	24.7	22.3	46
48				27.8	27.1	26.2	26.1	25	23.5	21.4	48
50					25.2	24.5	24.6	23.6	22.4	20.4	50
52					23.4	22.9	23.2	22.3	21.2	19.4	52
54					21.8	21.3	21.8	21.1	20.1	18.5	54
56						19.8	20.5	19.9	19	17.6	56
58						18.5	19.2	18.8	18	16.7	58
60						17.1	18.1	17.7	17	15.8	60
62							17	16.6	16	14.9	62
64							15.9	15.6	15.1	14.1	64
66							14.9	14.7	14.2	13.3	66
68								13.8	13.4	12.5	68
70								12.9	12.6	11.8	70
72								12.1	11.8	11.1	72
74									11.1	10.4	74
76									10.4	9.8	76
78										9.2	78
80										8.6	80
82										8	82

主臂角度85°，转台平衡重110t+车身平衡重20t+超起平衡重230t，超起平衡半径11-15m
 Boom angle 85°,110t turntable counterweight+20t car-body counterweight+230t SL counterweight, SL counterweight radius 11-15m

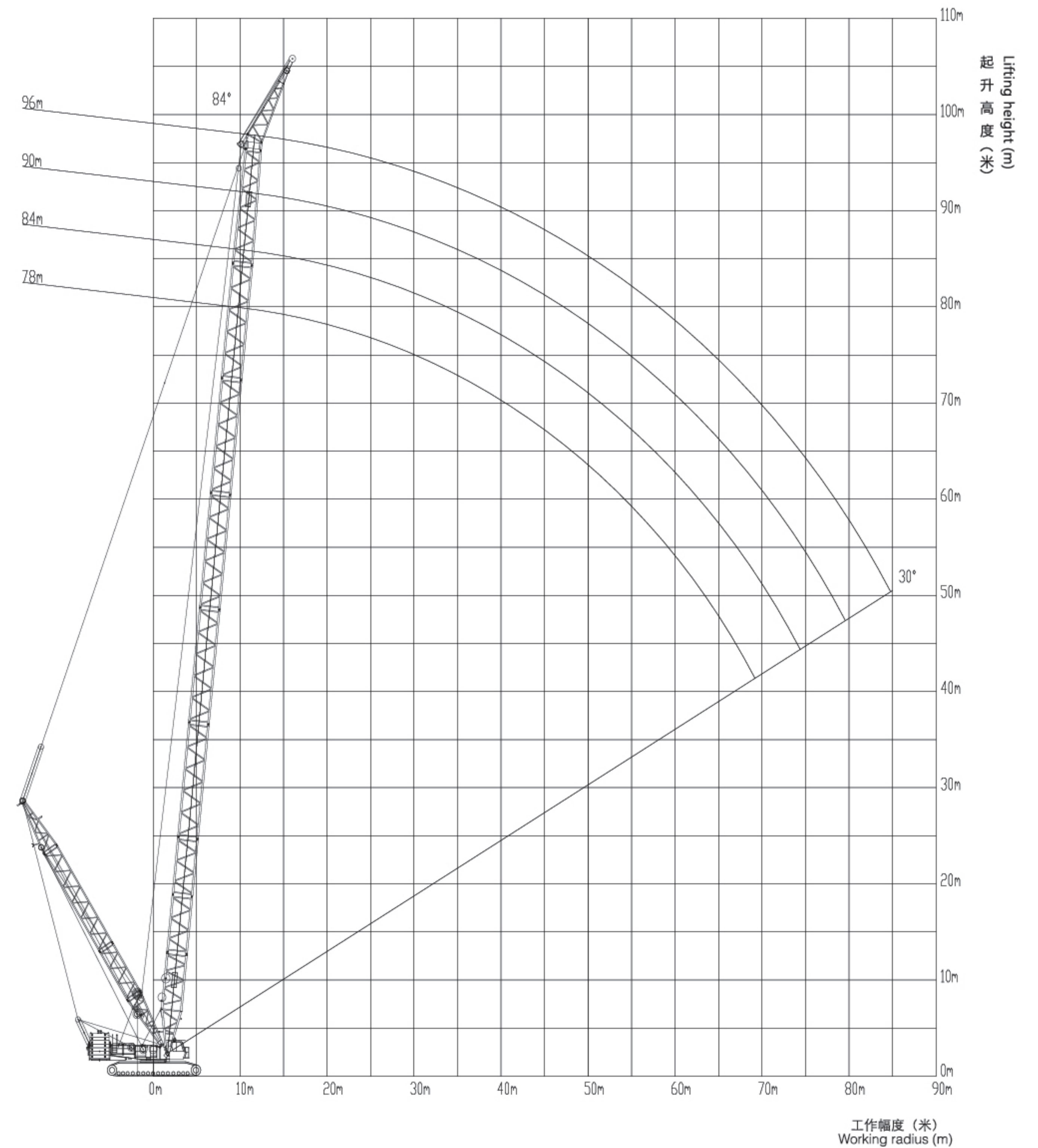
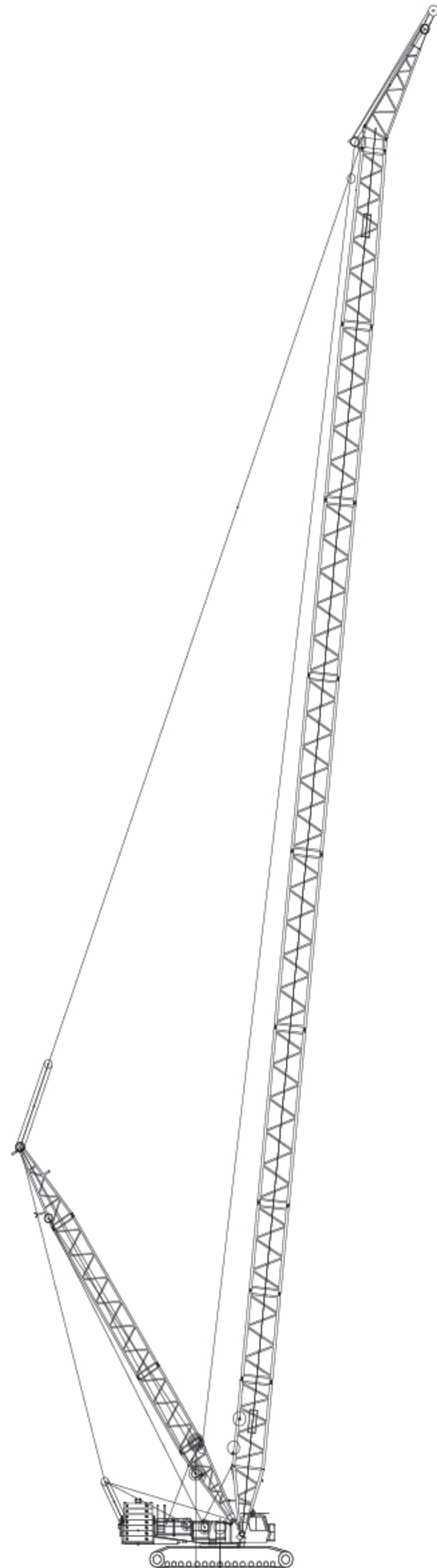
幅度Radius (m)	臂长 90米 Boom length 90m								幅度Radius (m)	
	36	42	48	54	60	66	72	78		
22	51.8									22
24	50.6	45.5								24
26	49.2	44.7	40.1							26
28	47.9	43.7	39.4	35.4	31.6					28
30	46.5	42.6	38.7	34.9	31.3	28				30
32	44.8	41.6	37.9	34.4	30.9	27.7	24.7			32
34	41.8	39.7	37.1	33.8	30.5	27.5	24.5	21.1		34
36	38.9	37.2	35.2	33.2	30.1	27.2	24.3	21		36
38	36.2	34.8	33.1	31.9	29.6	26.8	24	20.8		38
40	33.7	32.4	31	30.1	28.4	26.5	23.8	20.6		40
42	31.3	30.2	29	28.4	26.9	25.3	23.5	20.4		42
44	29.1	28.2	27.1	26.8	25.5	24.1	22.5	20.2		44
46		26.2	25.3	25.2	24.1	22.9	21.4	19.4		46
48		24.4	23.6	23.7	22.7	21.7	20.4	18.5		48
50		22.7	22	22.3	21.4	20.5	19.4	17.6		50
52			20.5	20.9	20.2	19.4	18.4	16.8		52
54			19.1	19.6	19	18.3	17.4	16		54
56				18.4	17.8	17.3	16.5	15.2		56
58				17.3	16.8	16.3	15.6	14.4		58
60				16.2	15.7	15.3	14.7	13.6		60
62					14.8	14.4	13.8	12.8		62
64					13.9	13.5	13	12.1		64
66					13	12.7	12.3	11.4		66
68						11.9	11.5	10.8		68
70						11.2	10.8	10.1		70
72						10.5	10.1	9.5		72
74							9.5	8.9		74
76							8.9	8.4		76
78							8.3	7.8		78
80								7.3		80
82								6.8		82

超起工况鹅头副臂
臂节组合/鹅头副臂
SL Mode Special Jib
Combinations/ Special Jib

超起工况鹅头副臂作业范围
SL Mode Special Jib Working Area

臂长 Boom length (m)	中间臂节 Boom insert			
	H6	H12A	H12B	H12C
78	1	2	1	1
84	—	2	1	2
90	1	2	1	2
96	2	2	1	2

注：超起工况专用副臂为选装工况

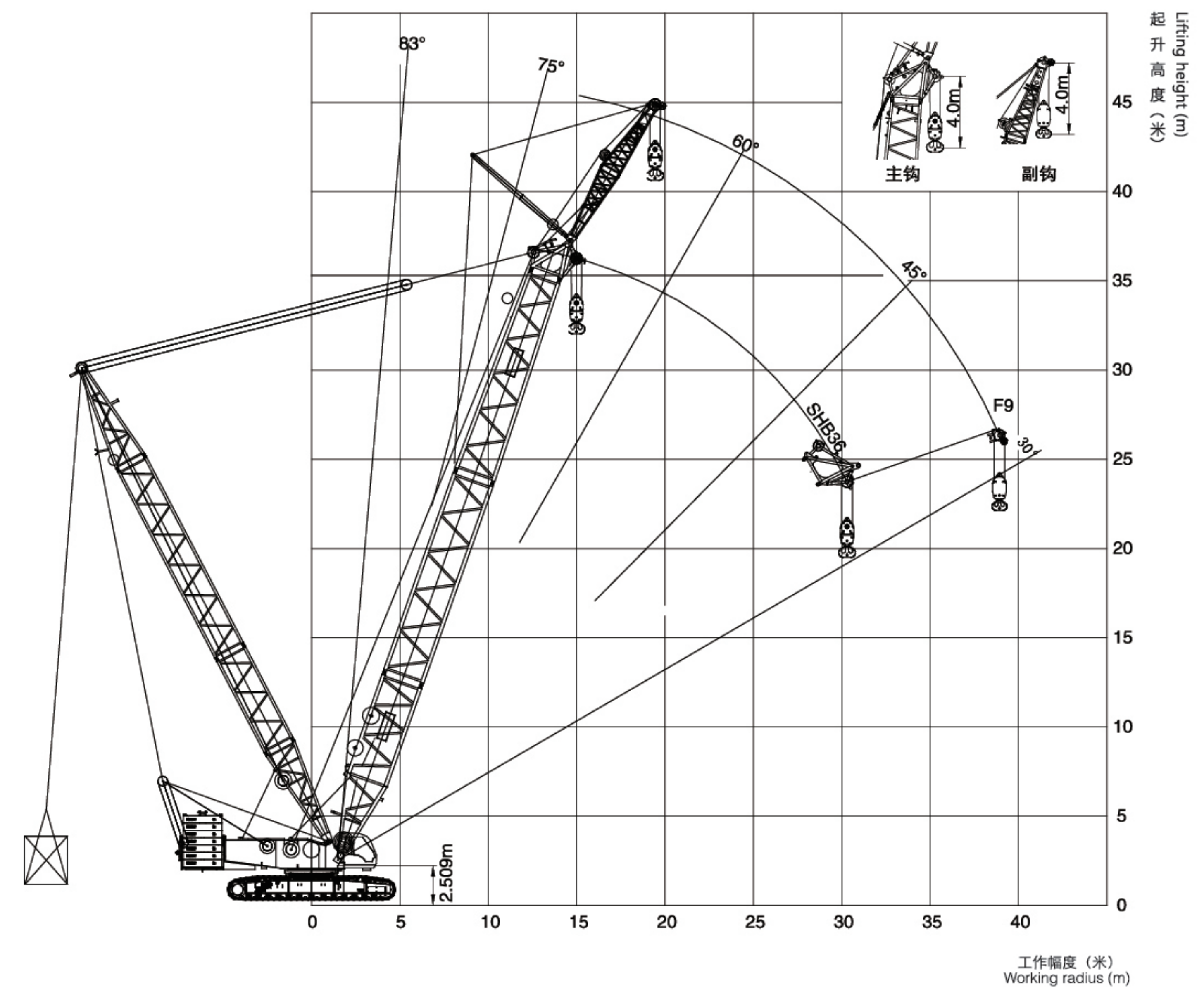


超起工况鹅头副臂
起重性能表
SL Mode Special Jib
Lifting Load Chart

150t转台平衡重+40t车身平衡重+0t超起平衡重, 超起平衡重半径15m, 副臂安装角度21.6°
150t turntable counterweight+40t car-body counterweight+0t SL counterweight, SL counterweight radius 15m, special jib angle 21.6°

幅度 Radius (m)	主臂 Boom length(m)				幅度 Radius (m)
	78	84	90	96	
14	116				14
15	116	115.3	101.4		15
16	116	115.3	101.4	89.6	16
18	103.2	101.5	99.8	89.5	18
20	90.5	89.1	87.5	85.9	20
22	80.2	79	77.5	76.1	22
24	71.3	70.6	69.3	67.9	24
26	63.4	63	62.3	61	26
28	56.8	56.4	55.7	54.8	28
30	51.2	50.8	50.1	49.3	30
32	46.4	45.9	45.2	44.5	32
34	42.2	41.8	41	40.3	34
36	38.6	38.1	37.3	36.6	36
38	35.3	34.8	34.1	33.3	38
40	32.4	31.9	31.2	30.4	40
42	29.9	29.4	28.6	27.8	42
44	27.5	27	26.2	25.4	44
46	25.4	24.9	24.1	23.3	46
48	23.5	23	22.2	21.3	48
50	21.7	21.2	20.4	19.6	50
52	20.1	19.6	18.8	17.9	52
54	18.6	18.1	17.3	16.4	54
56	17.2	16.7	15.9	15	56
58	15.9	15.4	14.6	13.7	58
60	14.7	14.2	13.4	12.5	60
62	13.6	13.1	12.2	11.4	62
64	12.5	12	11.2	10.3	64
66	11.5	11	10.2	9.4	66
68	10.6	10.1	9.3	8.4	68
70	9.7	9.2	8.4	7.6	70
72	8.9	8.4	7.6	6.7	72
74	8.1	7.6	6.8	5.9	74
76	7.3	6.9	6	5.2	76
78		6.2	5.3		78
80		5.5			80

超起工况盾构副臂作业范围 (选配)
SL Mode TBM Working Area (Option)



超起盾构工况起重性能表
(选配)
SL Mode TBM Lifting
Load Chart(Optional)

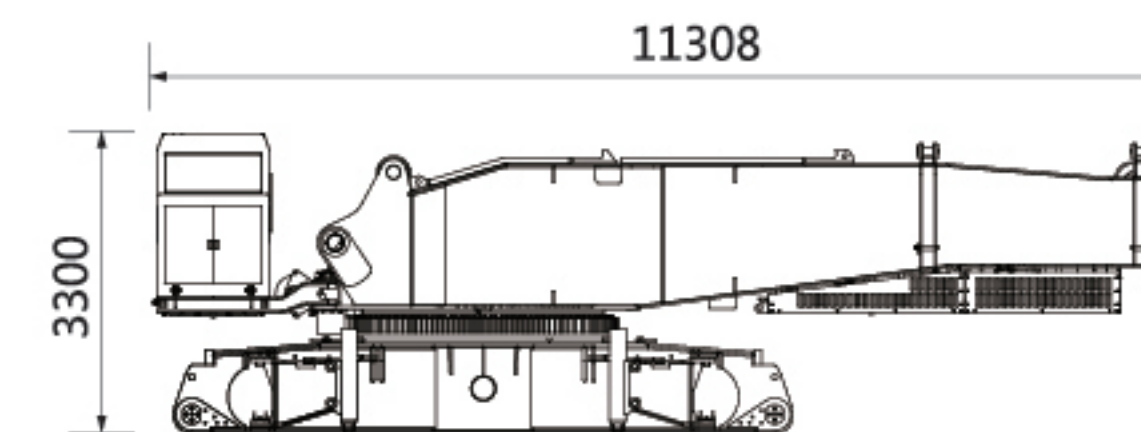
主臂长度36m, 主副臂带钩复合吊装 标准: GB/DIN/ISO	
回转	360°
转台配重	110t
车身配重	20t
超起桅杆半径	15m
副臂长度	9m
主副臂夹角	10°
主臂长度	36m
超起平衡重	260t

SHB36+F9_10°					
主臂角度 (°)	主钩半径 (m)	主钩载荷 (t)	副钩半径 (m)	副钩载荷 (t)	主钩加副钩总载荷 (t)
78.7	10	*400	13.2	*200	340
77.1	11	*400	14.4	*200	340
75.5	12	*400	15.7	*200	340
73.8	13	400	16.9	*200	340
72.1	14	386.3	18.2	*200	336
70.4	15	360.7	19.4	*200	313.7
68.7	16	338	20.7	*194.4	294.1
66.9	17	317.9	22	*186	276.6
65.2	18	300	23.2	*178.8	258.8
63.4	19	283.8	24.5	*171.9	241
61.5	20	269.2	25.7	*165.6	225
57.8	22	237	28.2	*154.5	197.5
53.8	24	210.4	30.7	145.1	174.7
49.6	26	188	33.2	136.6	155.2
45.1	28	168.8	35.7	129.7	138.1
40.2	30	152	38.2	118.2	122.5
34.7	32	137	40.6	106.9	102.2

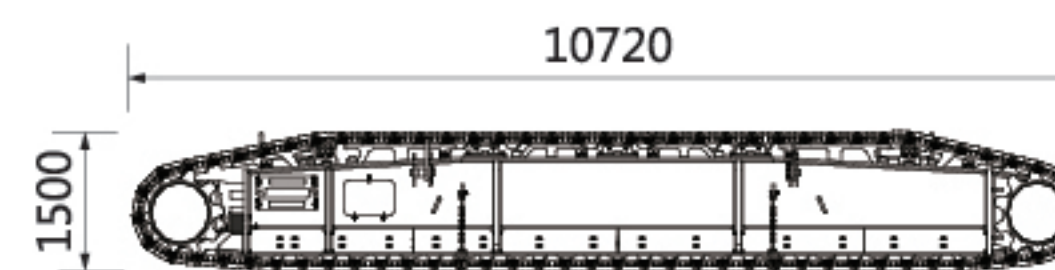
注: 超起盾构工况时, 需在标准盾构工况的基础上增加10t配重块。

Note: In superlift TBM jib working condition, 10t counterweight slabs need to add based on that of the standard TBM jib working condition.

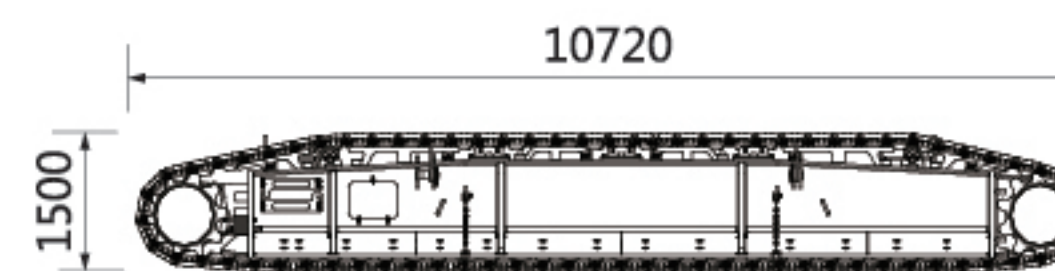
主要零部件
Main parts



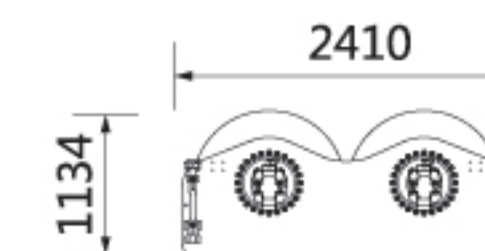
主机 Basic machine	×1
长(L)	11308mm
宽(W)	2995mm
高(H)	3300mm
重量(W)	48t



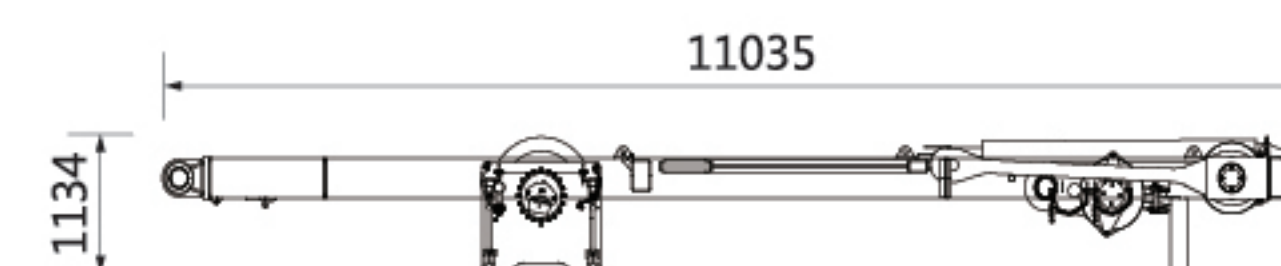
左履带梁 Left Crawler track	×1
长(L)	10720mm
宽(W)	1200mm
高(H)	1500mm
重量(W)	32t



右履带梁 Right Crawler track	×1
长(L)	10720mm
宽(W)	1200mm
高(H)	1500mm
重量(W)	32t

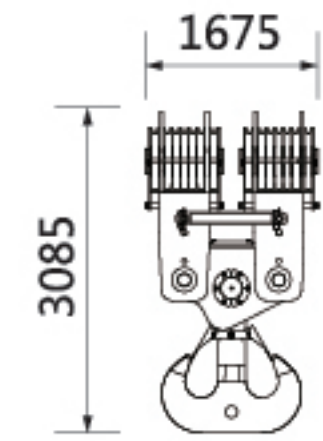


主起升卷扬及钢丝绳 Main hoist winch and wire rope	×1
长(L)	2410mm
宽(W)	1824mm
高(H)	1134mm
重量(W)	9.5t

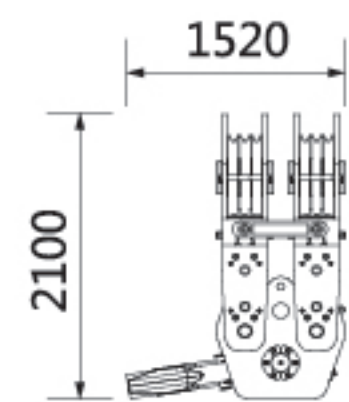


桅杆组件 Mast component	×1
长(L)	11035mm
宽(W)	2210mm
高(H)	1134mm
重量(W)	1.01t

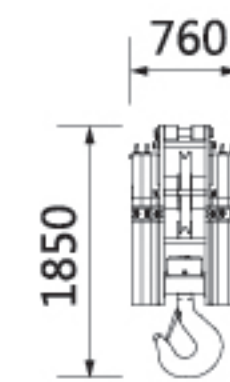
主要零部件
Main parts



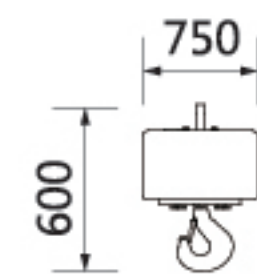
400t吊钩 400t Hook block	×1
长(L)	1675mm
宽(W)	940mm
高(H)	3085mm
重量(W)	6.2t



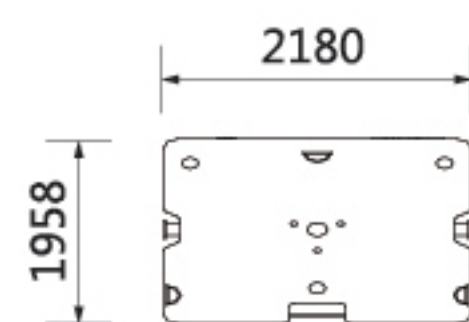
200t吊钩 200t Hook block	×1
长(L)	1520mm
宽(W)	1420mm
高(H)	2100mm
重量(W)	5.5t



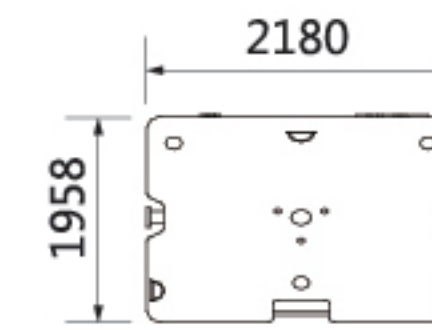
50t吊钩 50t Hook block	×1
长(L)	760mm
宽(W)	640mm
高(H)	1850mm
重量(W)	2.4t



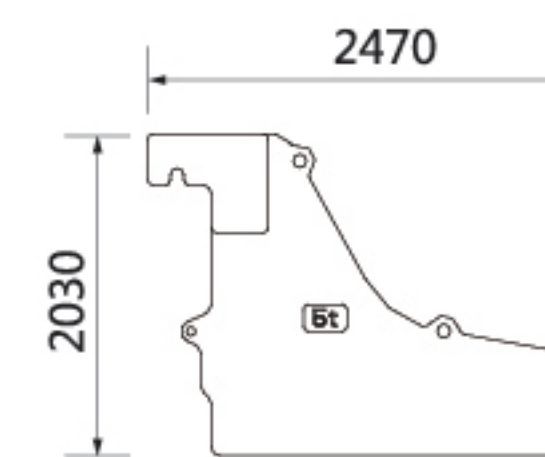
16t吊钩 16t Hook block	×1
长(L)	750mm
宽(W)	600mm
高(H)	600mm
重量(W)	0.88t



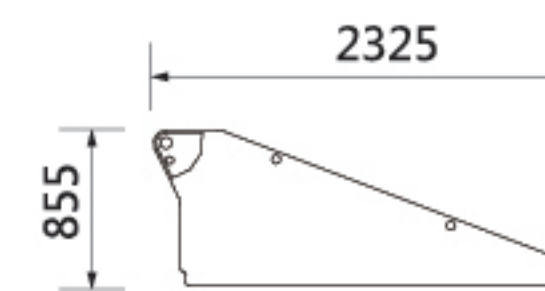
10t 平衡重块 10t Counterweight block	×30
长(L)	2180mm
宽(W)	1958mm
高(H)	490mm
重量(W)	10t



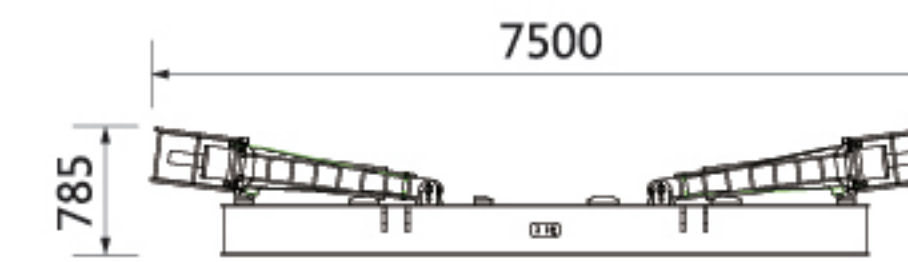
5t附加压块(盾构专用) 5t Counterweight slab(Use for TBM)	×4
长(L)	2180mm
宽(W)	1958mm
高(H)	290mm
重量(W)	5t



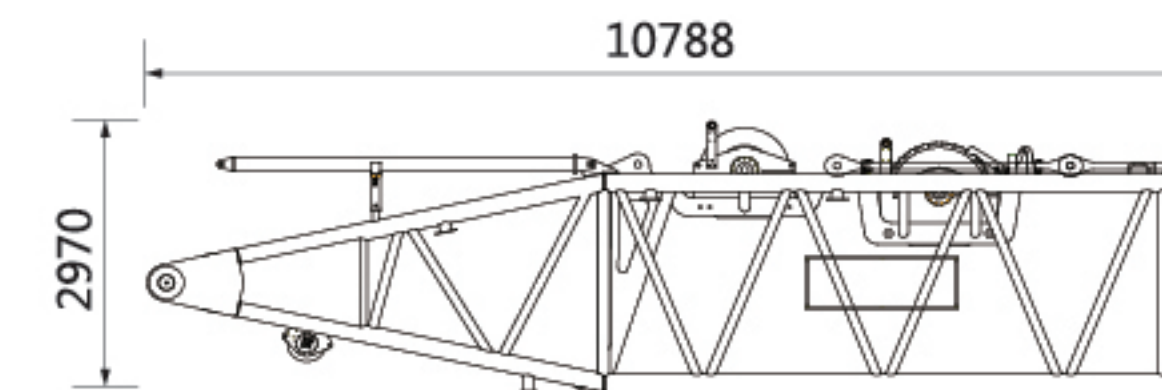
上车平衡重箱 Superstructure counterweight box	×2
长(L)	2470mm
宽(W)	2490mm
高(H)	2030mm
重量(W)	5t



车身平衡重箱 Car-body ballast box	×2
长(L)	2325mm
宽(W)	2400mm
高(H)	855mm
重量(W)	10t

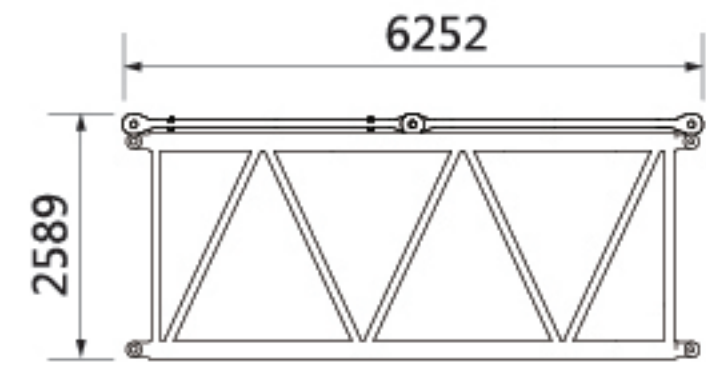


超起平衡重托盘 SL counterweight tray	×1
长(L)	7500mm
宽(W)	2180mm
高(H)	785mm
重量(W)	30t

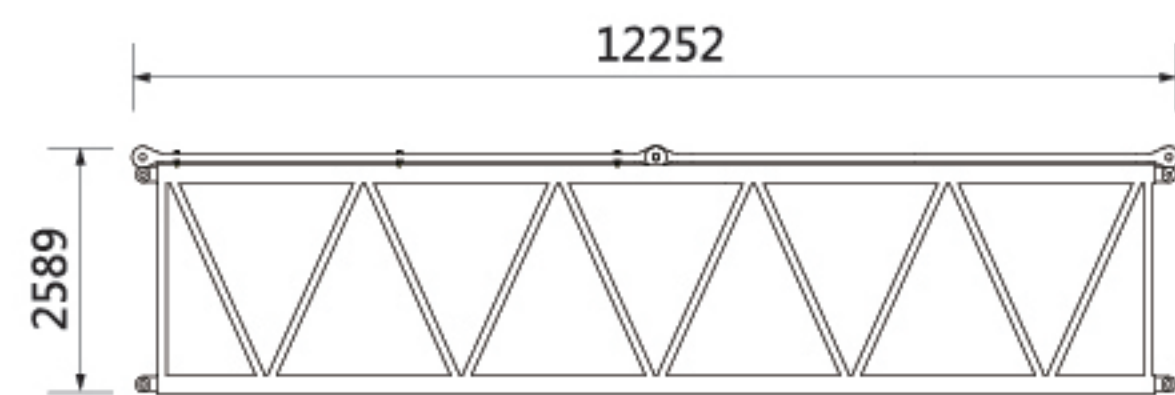


主臂10.5m底节臂 10.5m Boom butt	×1
长(L)	10788mm
宽(W)	3040mm
高(H)	2970mm
重量(W)	15t

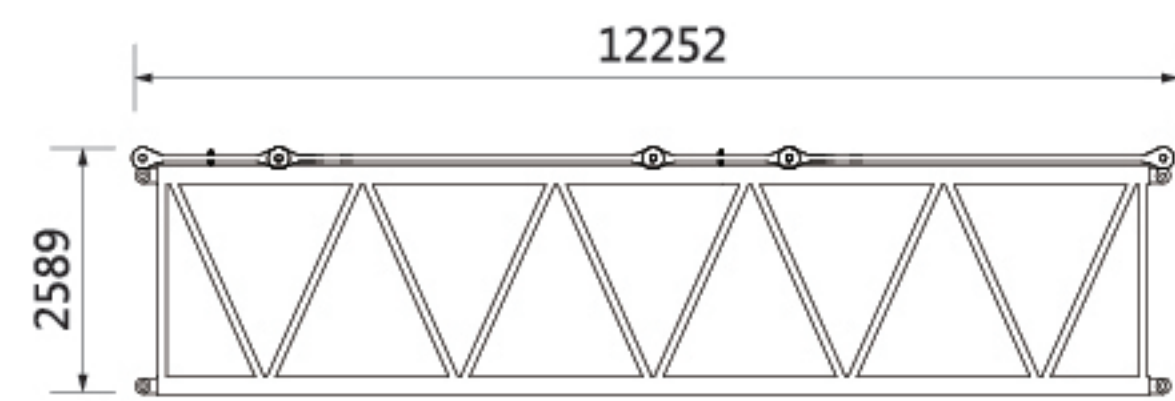
主要零部件
Main parts



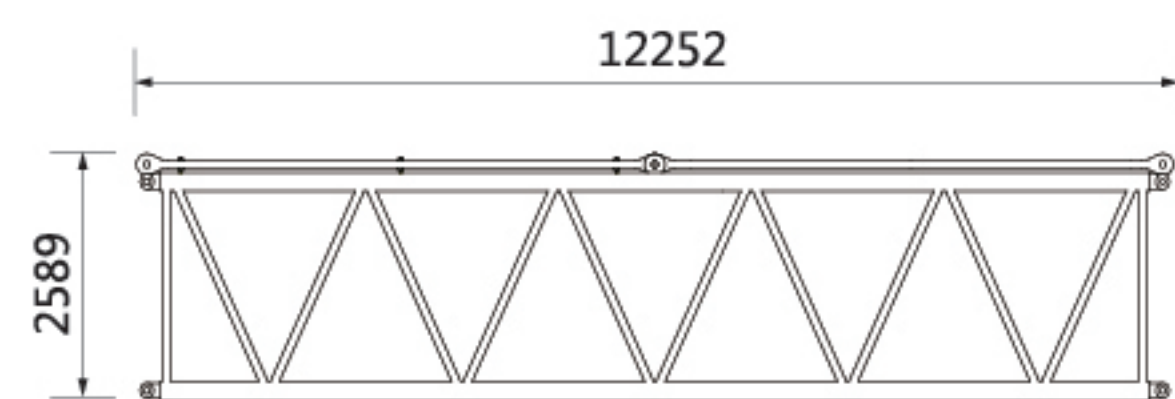
主臂6m重型节 6m Boom insert	×1
长(L)	6252mm
宽(W)	3000mm
高(H)	2589mm
重量(W)	2.9t



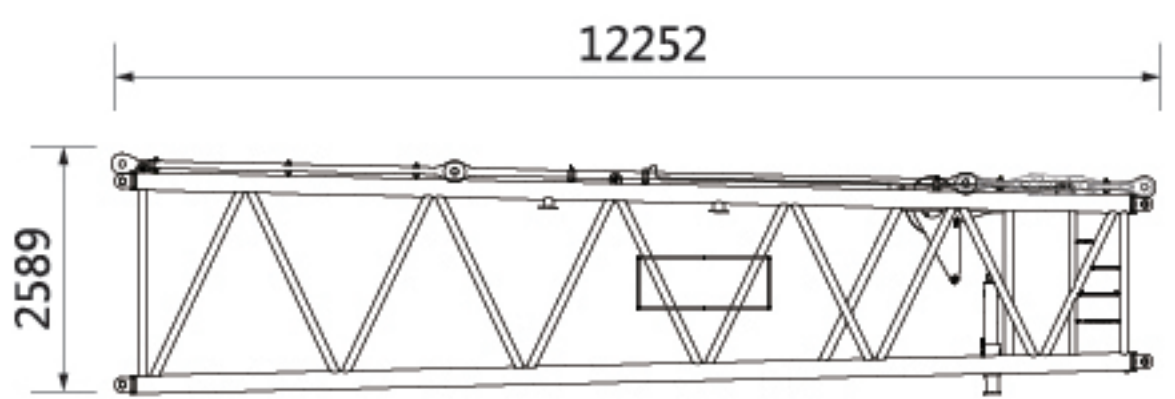
主臂12m重型节A 12m Boom insert A	×2
长(L)	12252mm
宽(W)	3000mm
高(H)	2589mm
重量(W)	5.1t



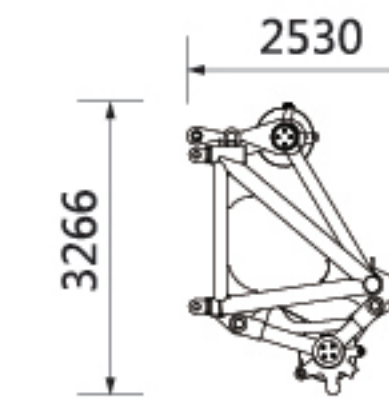
主臂12m重型节B 12m Boom insert B	×1
长(L)	12252mm
宽(W)	3000mm
高(H)	2589mm
重量(W)	5.2t



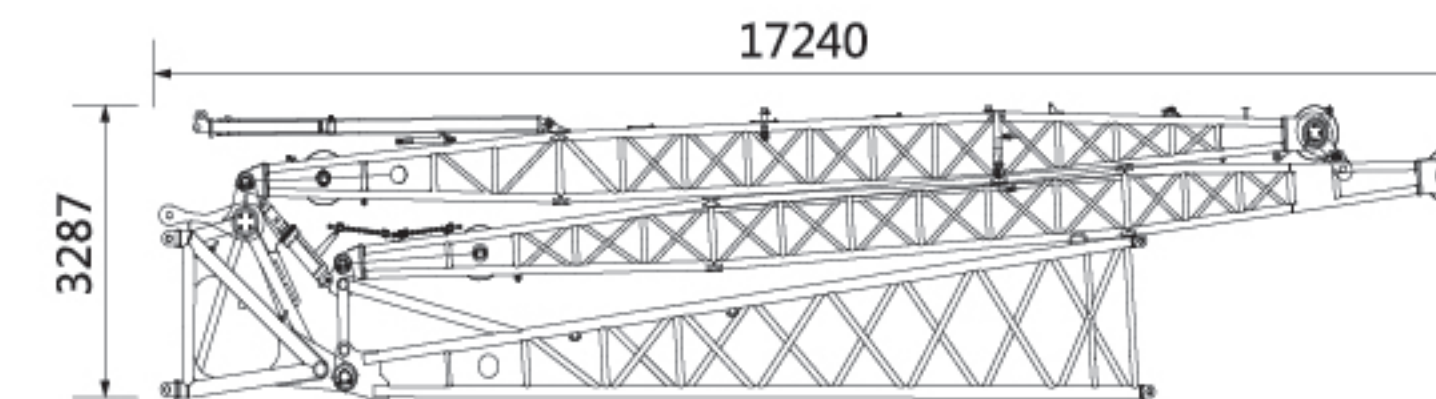
主臂12m轻型节 12m Boom insert C	×2
长(L)	12252mm
宽(W)	3000mm
高(H)	2589mm
重量(W)	4.6t



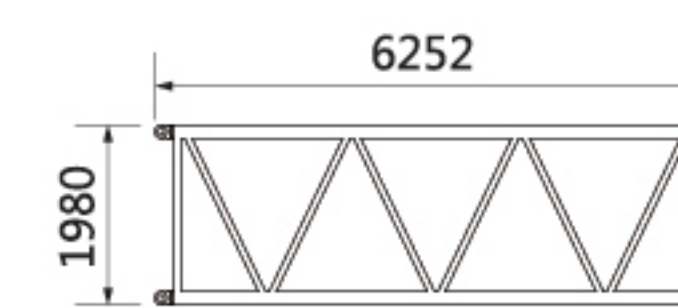
主臂12m过渡节 12m Boom extension D	×1
长(L)	12252mm
宽(W)	3000mm
高(H)	2589mm
重量(W)	5.4t



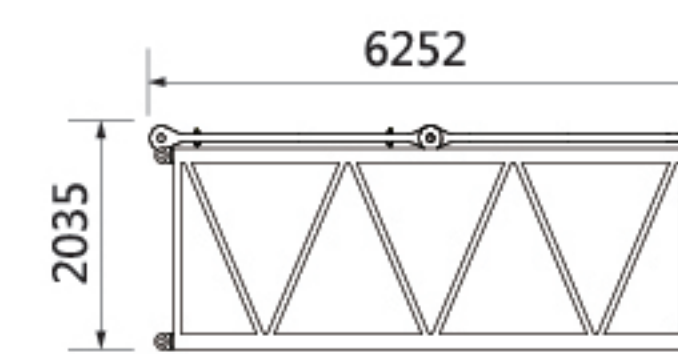
400t 臂头 400t Boom head	×1
长(L)	2530mm
宽(W)	2500mm
高(H)	3266mm
重量(W)	4.7t



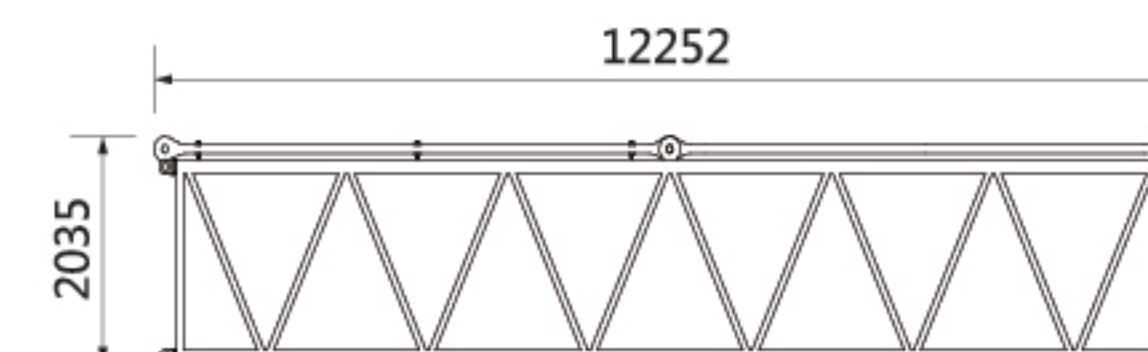
塔臂一体运输组件 Tower jib	×1
长(L)	17240mm
宽(W)	2670mm
高(H)	3287mm
重量(W)	16t



塔臂6m节A 6m Tower jib insert A	×1
长(L)	6252mm
宽(W)	2450mm
高(H)	1980mm
重量(W)	1.4t

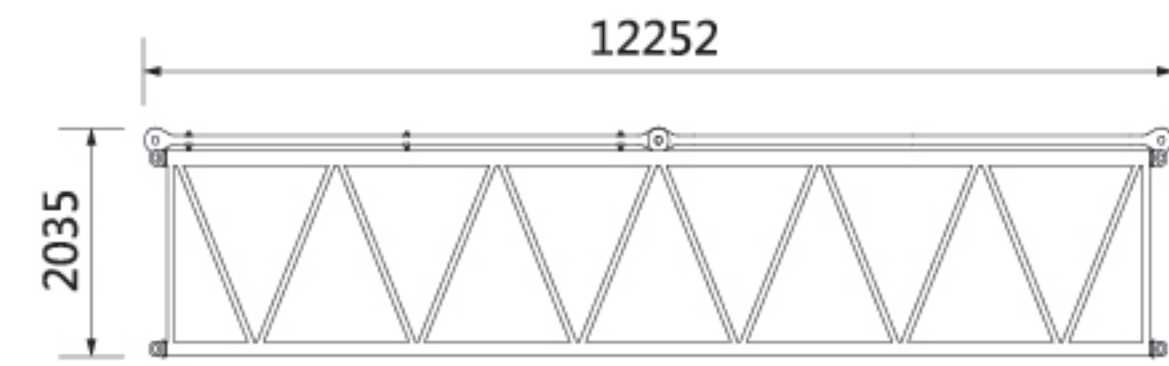


塔臂6m节B 6m Tower jib insert B	×1
长(L)	6252mm
宽(W)	2450mm
高(H)	2035mm
重量(W)	1.7t

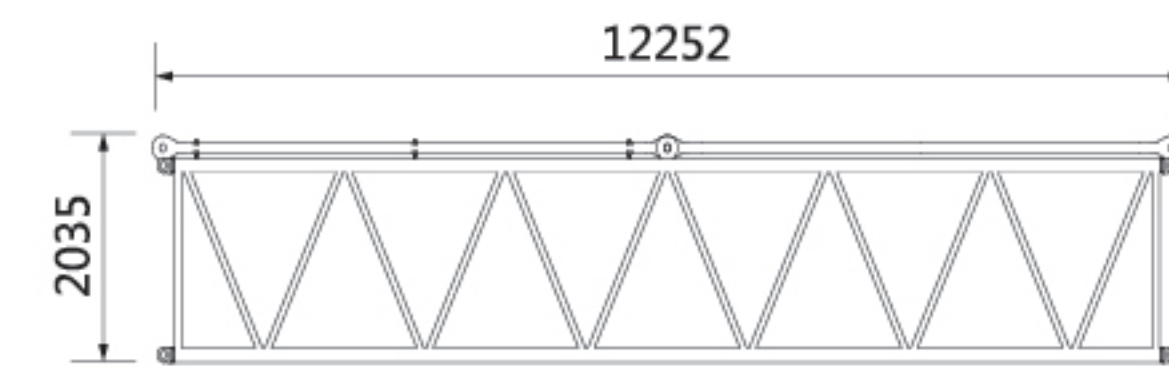


塔臂12m重型节A 12m Tower jib insert A	×2
长(L)	12252mm
宽(W)	2450mm
高(H)	2035mm
重量(W)	3t

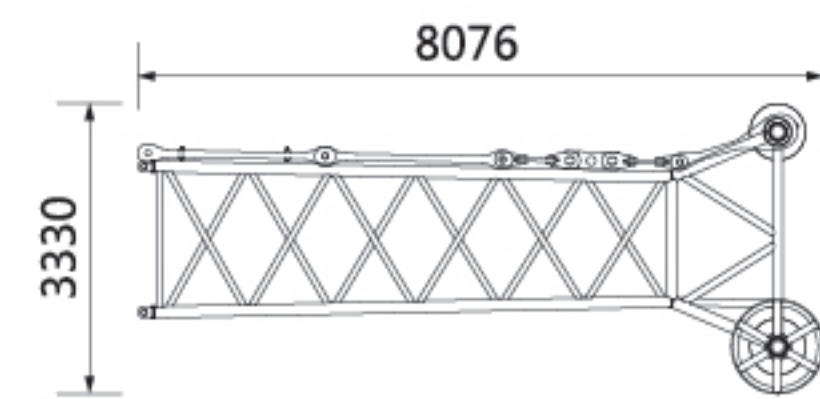
主要零部件
Main parts



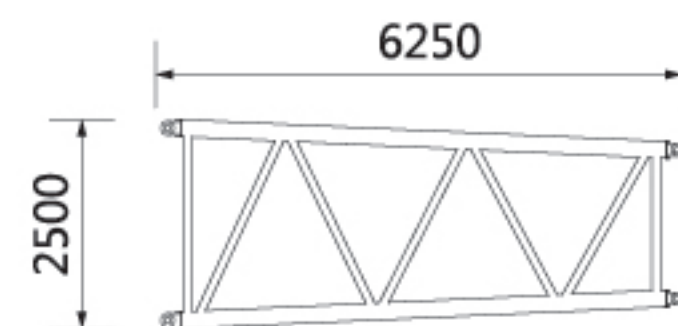
塔臂12m重型节B(腰绳节) 12m Tower jib insert B	×1
长(L)	12252mm
宽(W)	2450mm
高(H)	2035mm
重量(W)	3t



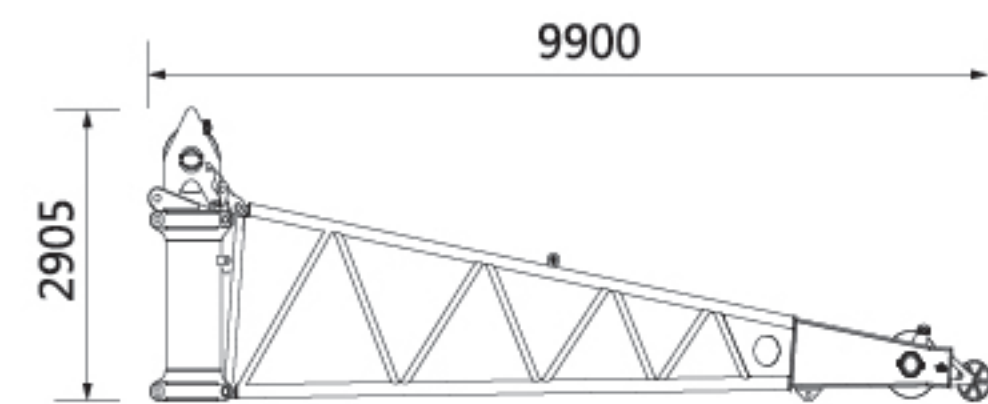
塔臂12m轻型节 12m Tower jib insert C	×1
长(L)	12252mm
宽(W)	2450mm
高(H)	2035mm
重量(W)	2.85t



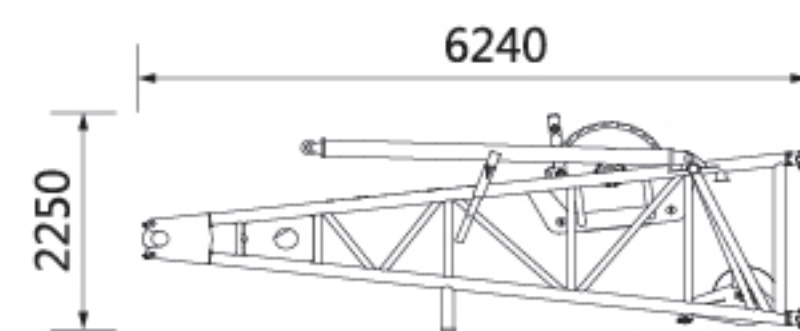
塔臂7.5m顶节臂 Tower jib top	×1
长(L)	8076mm
宽(W)	2450mm
高(H)	3330mm
重量(W)	4.250t



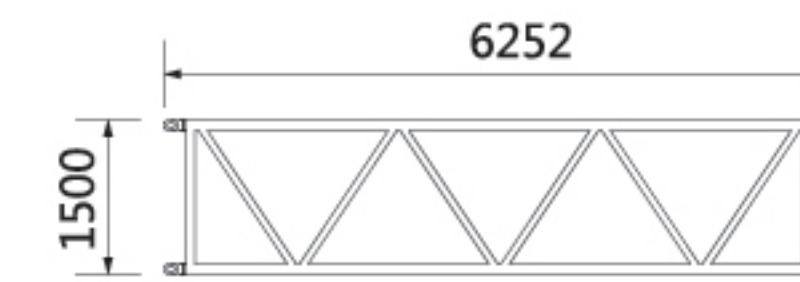
轻型6m过渡节 6m light Boom extension	×1
长(L)	6250mm
宽(W)	3000mm
高(H)	2500mm
重量(W)	2.05t



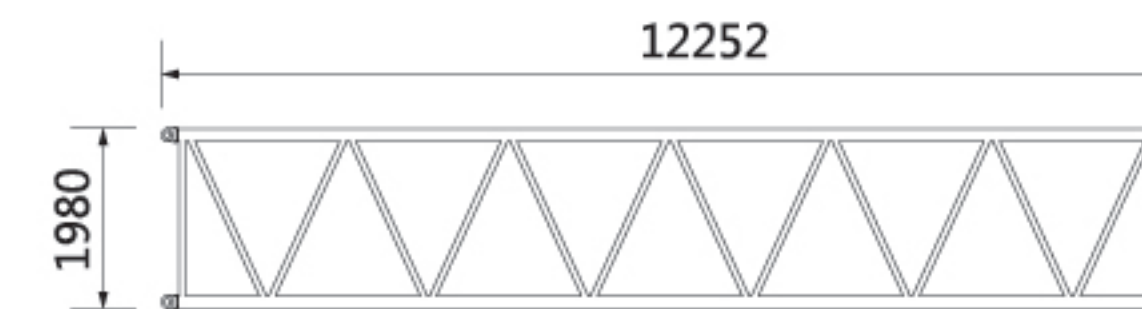
鹅头副臂 Special jib	×1
长(L)	9900mm
宽(W)	2438mm
高(H)	2905mm
重量(W)	3.6t



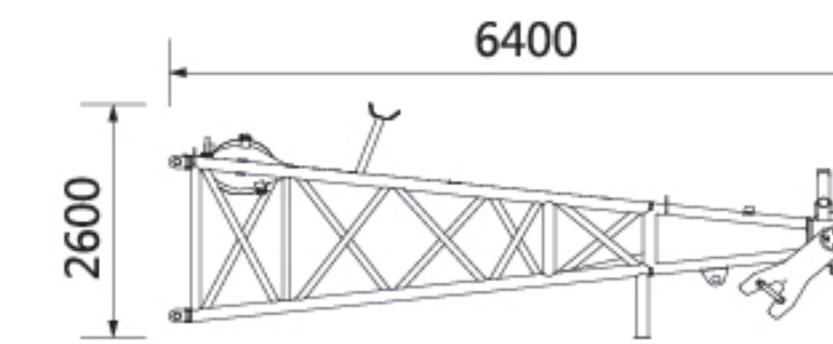
超起桅杆底节臂 SL Mast butt	×1
长(L)	6240mm
宽(W)	2900mm
高(H)	2250mm
重量(W)	8.5t



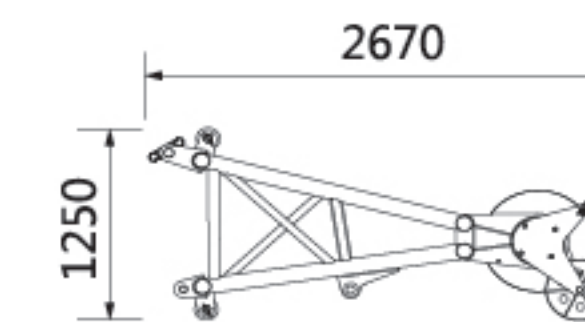
超起桅杆6m节 6m SL mast	×1
长(L)	6252mm
宽(W)	2900mm
高(H)	1980mm
重量(W)	1.4t



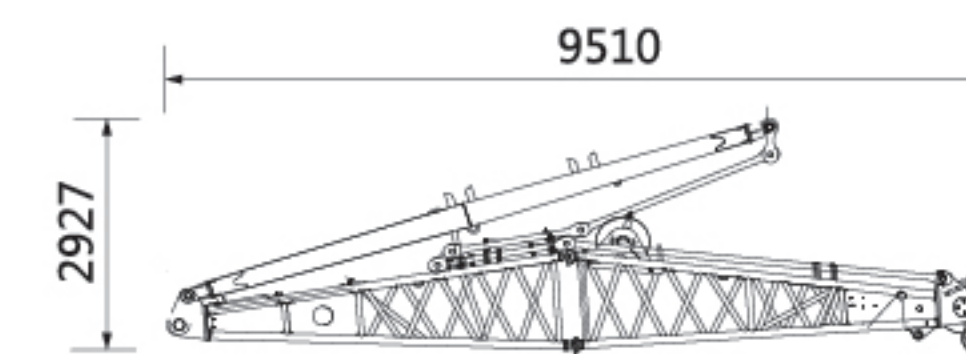
超起桅杆12m节 12m SL mast	×1
长(L)	12252mm
宽(W)	2900mm
高(H)	1980mm
重量(W)	2.54t



超起桅杆顶节臂 SL mast top	×1
长(L)	6400mm
宽(W)	2900mm
高(H)	2600mm
重量(W)	3.7t



臂端单滑轮 Boom head single sheave	×1
长(L)	2670mm
宽(W)	1525mm
高(H)	1250mm
重量(W)	0.51t



盾构臂 (选配) TBM jib (Option)	×1
长(L)	9510mm
宽(W)	2400mm
高(H)	2927mm
重量(W)	2.7t

说明：以上零部件运输尺寸为示意图，未按此比例绘制，所标尺寸为设计值，不包括包装。重量为设计值，由于制造误差，可能稍有不同。

Notes: The above parts dimension is only for illustration, the dimension shown is design value, and does not include the package. The weight is design value, may have slight difference due to error in manufacture.

