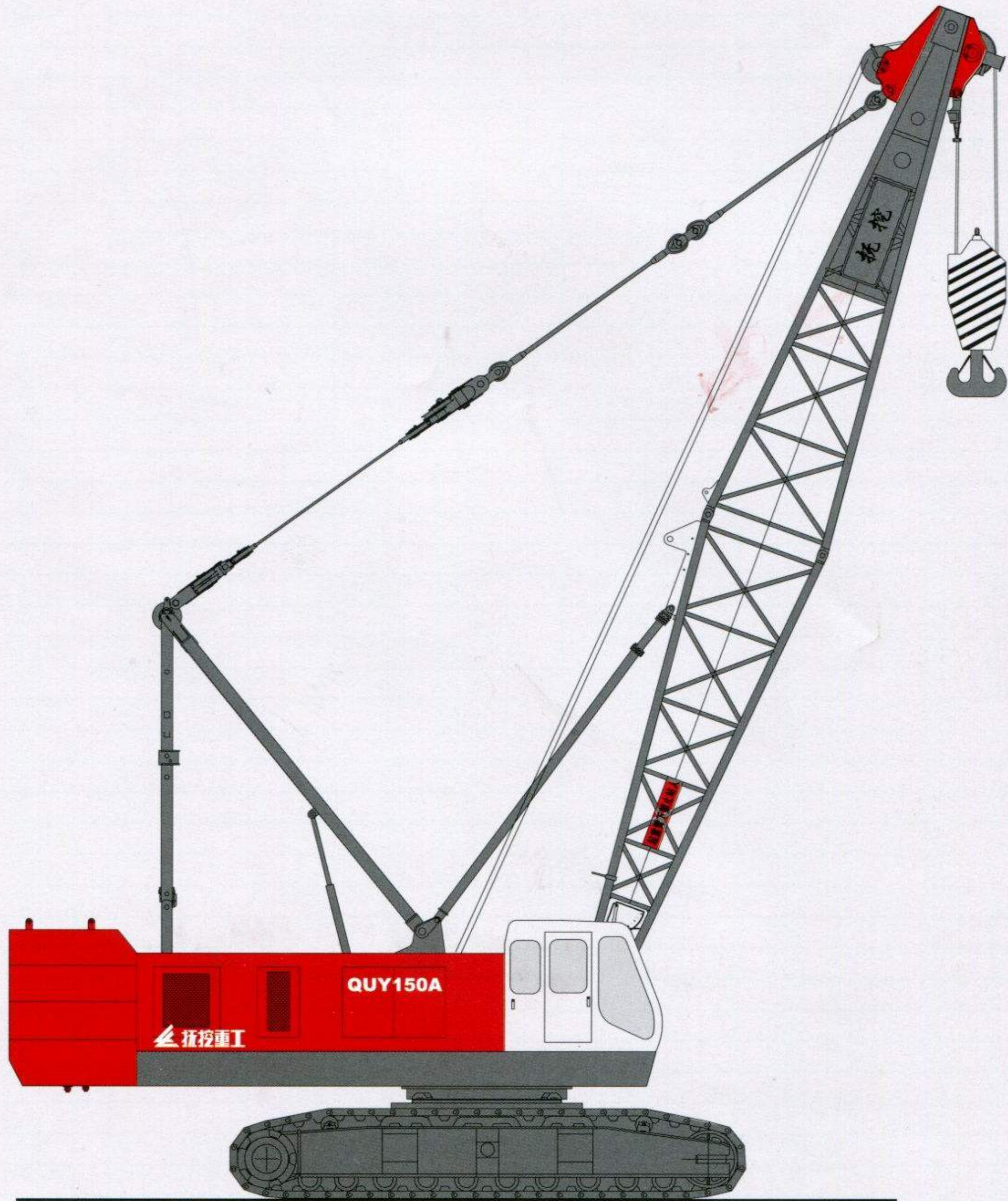


# 液压式履带起重机

HYDRAULIC CRAWLER CRANE

# QUY150A



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

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## 安全装置

### 吊钩和臂架防过卷装置

吊钩和臂架防过卷装置是用于防止因过卷导致的机器损坏或后翻事故。

### 吊钩防过卷装置

当起重钩提升到一定高度时，将重锤托起，则微动开关由弹簧复位，开关接点断开，控制继电器动作使闪光蜂鸣器发出断续声并闪烁报警。同时，电磁阀动作切断提升油路，起重钩提升动作自动停止。

### 起重臂防过卷装置

当起重臂的仰角小于 $80^\circ$ 时，安装在起重臂根部的微动开关接通，此时，起重臂的变幅动作正常。当起重臂的角度超过 $80^\circ$ 时，起重臂根部的螺栓触动微动开关，使其接点断开。电磁阀动作切断变幅油路，起重臂处于自动停止状态。

### 力矩限制器

本起重机正常工作时，力矩限制器能自动监测出起重机所有吊钩的质量及起重臂所处的角度，并能显示出其额定起重量，实际起重量，工作半径，起重臂工作角度。

当实际起重量达到额定起重量的85%时，力矩限制器主机上的蜂鸣器（断续音）鸣起，黄灯闪烁。当实际起重量达到额定起重量的100%时，力矩限制器主机上蜂鸣器（连续音）鸣起，红灯闪烁。当实际起重量达到额定起重量的105%时，力矩限制器主机上蜂鸣器（连续音）鸣起，红灯亮，同时起升及起重臂下降动作自动停止。

当起重臂下降角度小于允许工作角度 $30^\circ$ 时，力矩限制器主机上蜂鸣器（连续音）鸣起，红灯亮，起重臂下降动作自动停止。

### 风速仪

风速仪—风速传感器装置用于检测风速,由显示器显示风速。

### 制动器和锁定装置

本机提升、回转、行走制动器均为摩擦片湿式常闭式制动器；变幅卷筒制动器是弹簧复位带式常闭制动器。为保证重力下放作业安全，在主、辅卷筒端设置了脚踏式弹簧助力带式制动器。

为保证长时间吊物，以及在维修、运输过程中的安全，主、副提升卷筒、变幅卷筒上设置了棘爪式卷筒锁定装置。回转锁定装置能使上部回转体与下部机架固定。

### 水平仪

该装置用于检测机体与水平地面的角度。用来保证机器工作地面符合要求。

### 角度盘

主臂架根处设有机械式角度盘,用来显示臂架当前角度。

### 回转报警装置

操作回转手柄进行动作时，发出报警蜂鸣声报警，提醒周围的作业者注意。

## Safety Device

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**Hook and boom over-hoist prevention devices** Hook and boom over-hoist prevention devices are used for preventing the crane from the accidents because of the over-hoist.

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**Hook over-hoist prevention device** When the hook lifts up to certain height and touches the plumb, the limit switch shall be disengaged by the reposition spring, and then the switch cuts off the control circuit. The control relay makes the buzzer alarm and the indicator lights up. At the same time, the rise of the hook will stop automatically.

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**Boom over-hoist prevention device** When boom angle exceeds  $80^{\circ}$ , the limit switch located on a part of boom foot will be disconnected. Hydraulic oil circuit for boom derrick will be cut off. Boom will stop automatically.

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**Moment limiter** When the machine works normally, the moment limiter will detect the mass of load and the current boom angle at the same time. Rated lifting capacity, the actual capacity, working radius and boom angle also can be displayed.

When the actual load reaches 85% of rated lifting capacity, the buzzer on the moment limiter flashes (intermittently) and the load indicator turns yellow. When the actual load reaches 100% of rated lifting capacity, the buzzer on the moment limiter flashes (continuously) and the load indicator becomes red. When the actual load reaches 105% of rated lifting capacity, the buzzer on the moment limiter flashes continuously and the warning light turns red. And then any movement will stop automatically.

When boom angle is less than  $30^{\circ}$ , the buzzer on the moment limiter will flash continuously and the load indicator turns red. Boom lowering operation stops automatically.

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**Anemometer** Used for testing the wind speed and its display can show the current wind speed.

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**Brakes and locking devices** Wet-disc and often closed brakes are applied to hoisting, slewing and traveling operations. Spring-applied and power released brake is used on the third drum. To ensure the safe operation of free fall, the spring-applied brake with a light pedaling force is designed on the main drum and auxiliary drum.

To ensure safe operation, Pawl-type locking devices are applied on the hoisting drums and derricking drum. Mechanically operated drop pin is used for locking the superstructure and lower frame together.

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**Level gauge** Used for testing the angle between the machine and the ground.

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**Angle scale** The mechanical angle scale on the boom foot shows the current angle of the boom.

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**Slewing alarm device** When activating slewing joystick, the alarm buzzer sounds to remind the ambient personnel.

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## 详细说明

### 上车结构

#### 动力装置

型号: M11-C310进口康明斯柴油机。  
类型: 水冷式, 直喷, 带涡轮增压器。  
排量: 10.8L  
额定功率: 231kw/2100rpm  
最大扭矩: 1424N.m/1300rpm  
燃油油箱容积: 470L  
液压油箱容积: 400 L

#### 液压系统

主液压系统采用恒功率、交叉变量泵控系统。主泵通过电磁阀的通、关, 接收先导比例、负载压力和微速等泵控方式指令, 自动改变泵排量, 实现流量控制, 满足各种作业要求。

#### 操作系统

先导比例控制手柄, 操纵简单方便。

#### 主、副提升卷扬装置

主、副提升卷扬独立驱动。液压柱塞马达通过行星减速机减速驱动卷筒。操纵手柄, 可以实现卷筒的两个方向转动, 即实现了主钩、副钩提升和下降动作。通过控制操纵手柄行程, 实现卷扬高, 低速运转。主、副卷扬装置分别装有离合器和制动器, 具有重力下放功能, 以提高工作效率。

#### 主提升卷扬装置

卷筒: 节圆直径  $\phi$  550mm  
钢丝绳直径:  $\phi$  26mm  
钢丝绳长度: 350m  
最大绳速: 第一层高速60m/min, 第六层高速83m/min。

#### 副提升卷扬装置

卷筒: 节圆直径  $\phi$  550mm  
钢丝绳直径:  $\phi$  26mm  
钢丝绳长度: 300m  
最大绳速: 第一层高速60m/min, 第六层高速83m/min。

#### 变幅卷扬装置

液压柱塞马达通过行星减速机减速驱动卷筒。操纵先导控制手柄, 可以实现卷筒两个方向转动, 即实现了起重臂起臂和落臂动作。变幅为单驱双卷机构, 变幅能力大, 全车最长臂(81m主臂或69m主臂+31m副臂)自行起落, 不需任何辅助设备。弹簧复位带式常闭制动器

卷筒: 节圆直径  $\phi$  420mm

钢丝绳直径:  $\phi$  20mm

钢丝绳长度: 320m

最大绳速: 第一层高速22m/min  $\times$  2

#### 回转装置

由二个液压马达通过行星减速机减速驱动回转齿圈, 可旋转360°。

回转速度: 高速2.0转/分, 低速1.0转/分。

#### 驾驶室

宽度820mm, 带空调, 带后视镜、雨刷器、立体音响、力矩限制器, 全方位可调座椅、干粉灭火器等。

#### A型架

A型架是伸缩式结构, 在作业时, 必须把A型架升高, 运输时, 可以降低A型架。

#### 平衡重

平衡重采用焊接和铸造两种形式, 共有九块平衡重组成, 总重为54.6吨。

### 下车结构

#### 支重轮装置

每侧各有12个, 所有的支重轮均装有铜套和浮动式密封以及耐磨润滑油。

#### 履带板

左、右履带行走装置共有114块履带板, 每块履带板的宽度为1100mm。履带板的张紧程度可以通过液压千斤顶进行调节, 调节垫片的位置达到理想的张紧度。

#### 履带动力

每侧行走驱动机构由一个双排量柱塞马达通过行星减速机和齿轮减速箱驱动主动轮, 实现独立双速行走。

#### 行走速度

高速1.0千米/小时, 低速0.5千米/小时。

#### 爬坡能力

30%

### 作业装置

#### 主臂

臂架为中间等截面, 两端变截面的空间桁架式结构, 主弦管为高强度进口钢管。

重主臂长 18米~81米。

#### 固定副臂的组成

固定副臂与主臂安装有两种角度: 15° 和 30°。

主臂和副臂组成: 主臂长27米~75米 副臂长13米~31米。

主臂+副臂的最大长度: 69米+31米。

吊钩

150吨

50吨

25吨

9吨

## Safety Device

### Superstructure

#### Power unit

Model: Cummins M11-C310  
Type: water-cooling, direct fuel injection, with turbocharger actuator  
Displacement: 10.8L  
Rated power: 231kw/2100rpm  
Max. torque: 1424N.m/1300rpm  
Capacity of fuel tank: 470L  
Capacity of hydraulic oil tank: 400 L

#### Hydraulic system

Hydraulic system is controlled by the intersecting variable displacement pump with constant power. The pump discharge will automatically vary with the disconnection and connection of the solenoid valve through controlling the pilot joystick. The system can meet the requirements of variable operations.

#### Control system

The crane is equipped with pilot proportional control for all main movements, which can be carried out easily.

#### Main winch and aux. winch

Main winch and aux. winch are driven independently by the plunger motors through the planetary reduction gears; hook hoisting and lowering operations can be realized by operating the joysticks. The hoisting or lowering speed of hook may vary with the change of the control levers. Main winch and aux. winch are equipped with the clutch and the brake. The function of free fall improves work efficiency.

#### Main winch

Diameter of the drum:  $\phi$  550mm  
Rope diameter:  $\phi$  26mm  
Rope length: 350m  
Max. rope speed: (First layer) High 60m/min, (Sixth layer) High 83m/min.

#### Aux. winch

Diameter of the drum:  $\phi$  550mm  
Rope diameter:  $\phi$  26mm  
Rope length: 300m

Max. rope speed: (First layer) High 60m/min, (Sixth layer) High 83m/min.

#### Boom derricking system

The system is driven by the plunger motor through the planetary reduction gear. Boom rising and lowering operation can be realized by operating the control joystick. Any auxiliary crane is not needed due to the great ability of boom derricking system when erecting the longest boom (81m boom or 69m boom plus 31m jib). The spring-reset brake is often engaged.  
Diameter of the drum:  $\phi$  420mm  
Rope diameter:  $\phi$  20mm  
Rope length: 320m  
Max. rope speed: (First layer) High 22m/min  $\times$  2

#### Swing system

The swing system provides 360° rotation. The swing unit is driven by two hydraulic motor through planetary reduction gear.  
Swing speed: High speed: 2.0r/min, Low speed: 1.0r/m

#### The cabin

The width of the cabin is 820mm. The cabin is equipped with air-conditioner, heater, rear view mirror, wiper and stereo. In the cabin, there are large-screen electronic monitors and moment limiter, fire extinguisher. The chair can be adjusted.

#### A-frame

A-frame can be extended and retracted. It should be extended and raised when working. A-frame should be lowered while transport.

#### Counterweight

The counterweight consists of welded counterweight and cast-iron counterweight, including 9 pieces. The total weight is 54.6t.

### Undercarriage

#### Track rollers

Each side has 12 track rollers. All track rollers are equipped with bushings and seals. They are coated with lubricating oil.

#### Track shoe

The left and right crawlers have 114 track shoes. The width of track shoe is 1100mm. The tension of track shoe can be adjusted by the hydraulic jack. The shims can be adjusted to make the crawler in ideal tension conditions.

#### Crawler drive

Independent hydraulic propel drive is built into each crawler side frame. Each drive consists of a hydraulic motor propelling a drive sprocket through a planetary gearbox. Hydraulic motor and gear box are built into the crawler side frame within the shoe width.

#### Travel speed

High speed: 1.0km/h, Low speed: 0.5km/h

#### Gradeability

30%

### The attachment

#### Boom

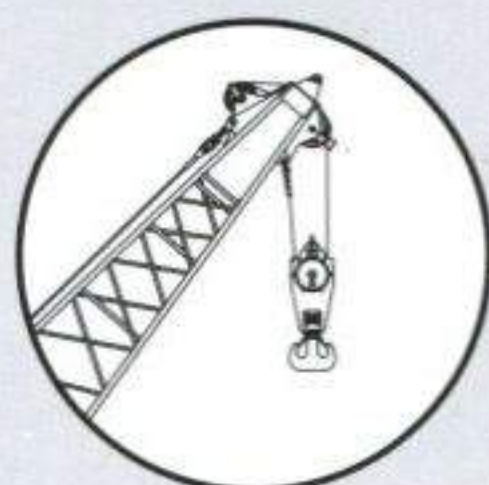
Welded lattice construction using tubular, high-tensile imported steel chords with pin connections between sections  
Heavy boom is between 18m and 81m.

#### Fixed jib

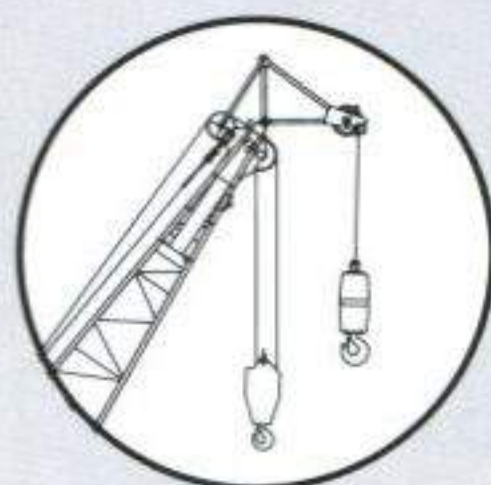
Two kinds of jib offset angle: 15° and 30°  
Boom and jib combination: boom:27m~75m, jib:13m~31m  
Max. boom and jib combination: 69m+31m  
Hook blocks:  
150T hook block 50T hook block  
25T hook block 9T hook block

### 工况符号

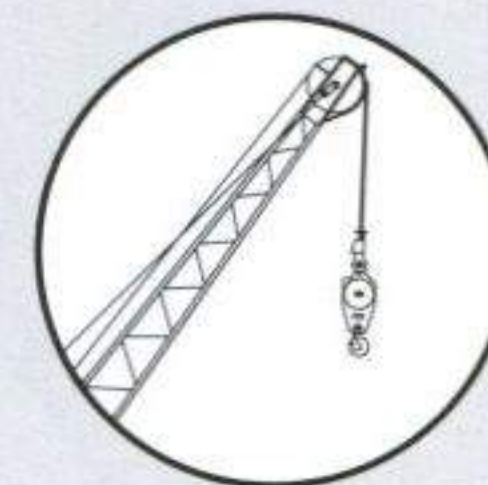
### The symbols of working conditions



重主臂工况  
Heavy boom



辅助臂工况  
Assistant boom



固定副臂工况  
Fixed jib



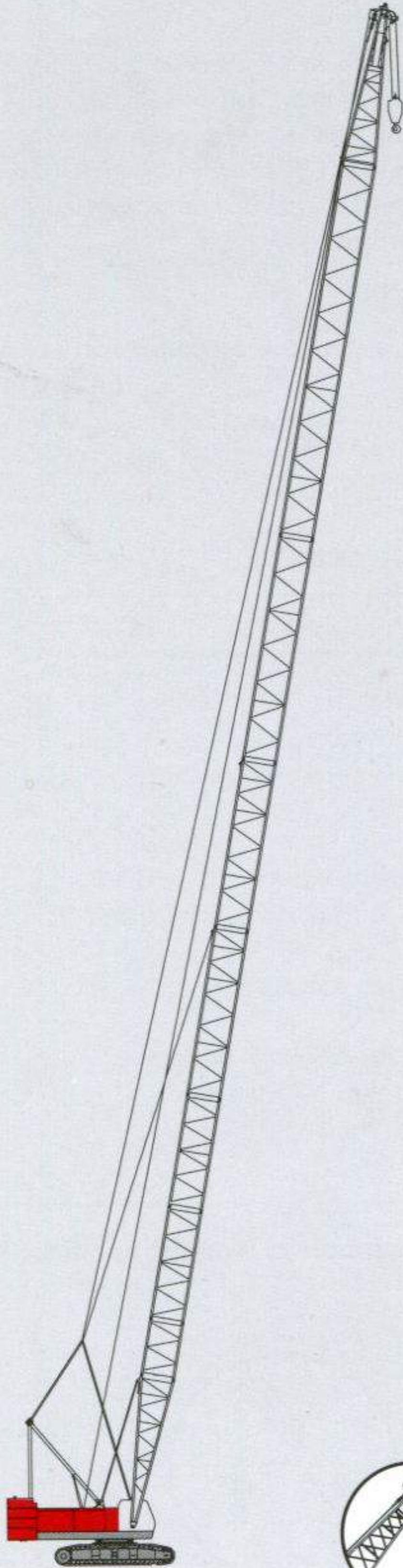
## 臂杆组合

### 重主臂

最大起重量: 150吨 × 5米  
最大臂杆长度: 81米

### Heavy boom

Max.lifting capacity: 150t × 5m  
Max.boom length: 81m



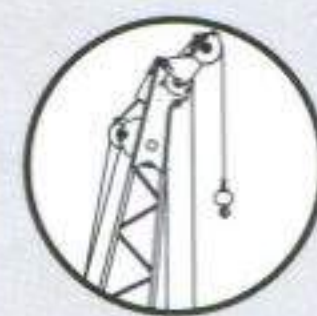
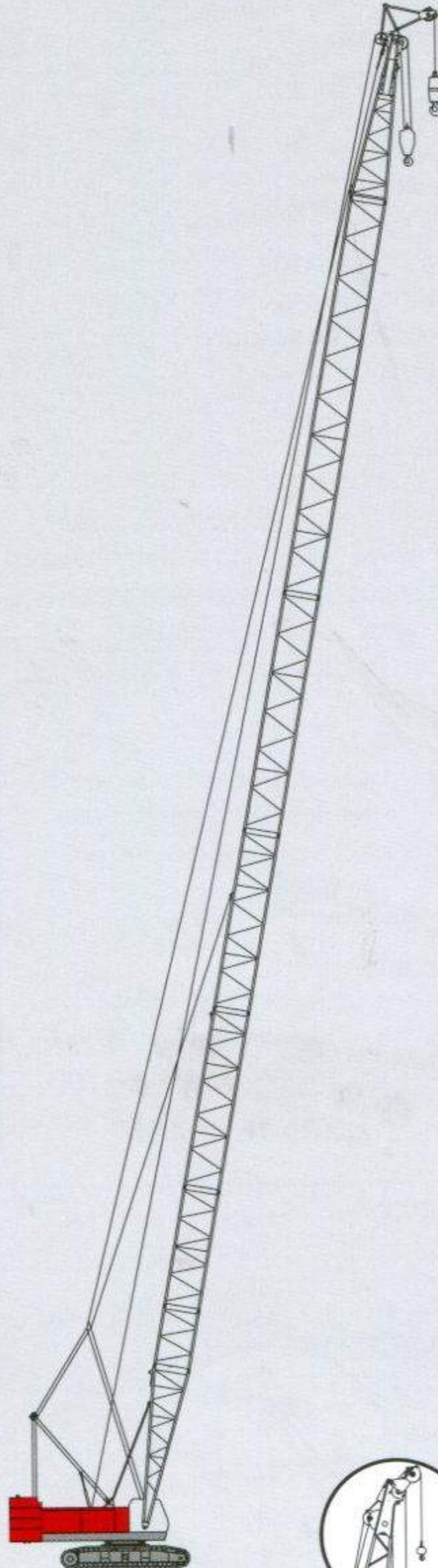
主臂 Boom  
18m-81m

### 辅助臂

最大起重量: 9吨 × 39.5米  
最大臂杆长度: 75米

### Assisant boom

Max.lifting capacity: 9t × 39.5m  
Max.boom length: 75m



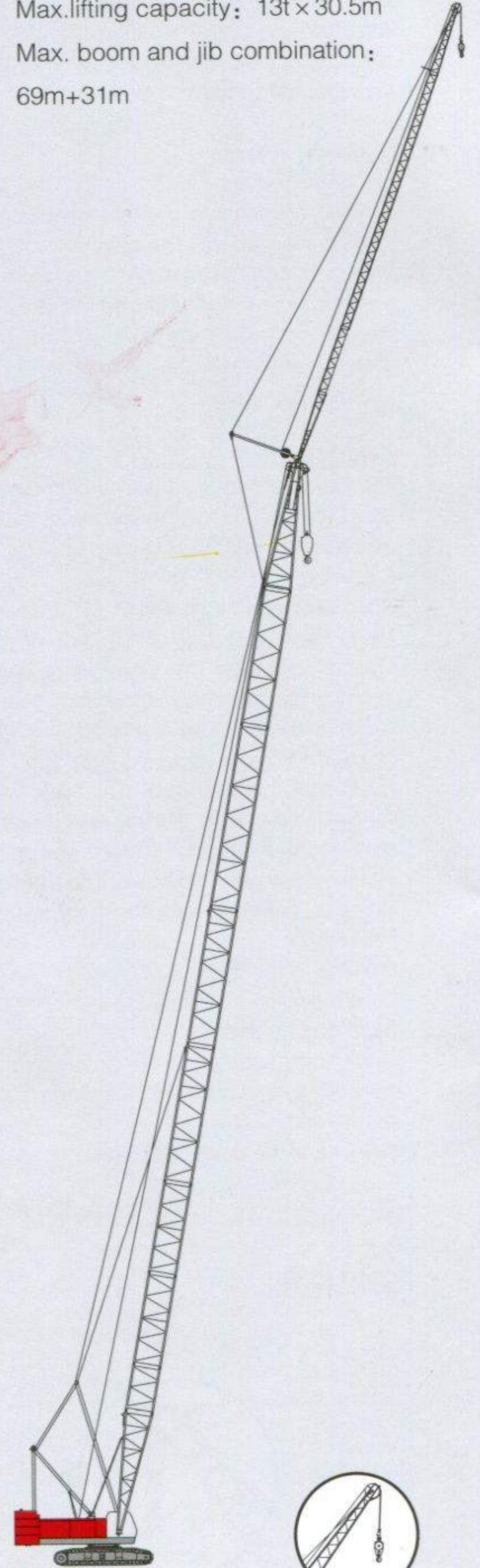
主臂 Boom  
18m-75m

### 固定副臂

最大起重量: 13吨 × 30.5米  
最大组合: 69米+31米

### Fixed jib

Max.lifting capacity: 13t × 30.5m  
Max. boom and jib combination:  
69m+31m



主臂 Boom | 副臂 Jib  
27m-75m | 13m-31m



## 主要技术参数

## Technical Data

项 目		单 位	数 值	
最大额定起重量		t	150	
重主臂长度		m	18~81	
副臂长度		m	13~31	
主臂+副臂的最大长度		m	69+31	
起重臂变幅角度		°	30~80	
吊钩配置		t	150/50/25/9	
工 作 速 度	钢 绳 速 度	提 升	m/min ※第一层高速60, 低速30; 第六层高速83, 低速41	
		下 降	m/min 第一层高速60, 低速30; 第六层高速83, 低速41	
		起重臂上升	m/min ※第一层22×2	
		起重臂下降	m/min 第一层22×2	
	回 转 速 度		r/min	高速2.0 低速1.0
	※行走速度		km/h	高速1.0 低速0.5
爬坡能力		%	30 (基本臂在司机室后方)	
柴油机额定输出功率/转速		KW/r/min	美国康明斯M11-C310 231/2100	
整机质量		t	150.5(基本臂, 150吨吊钩)	
接地压力		MPa	0.093(基本臂, 150吨吊钩)	
配重质量		t	54.6	

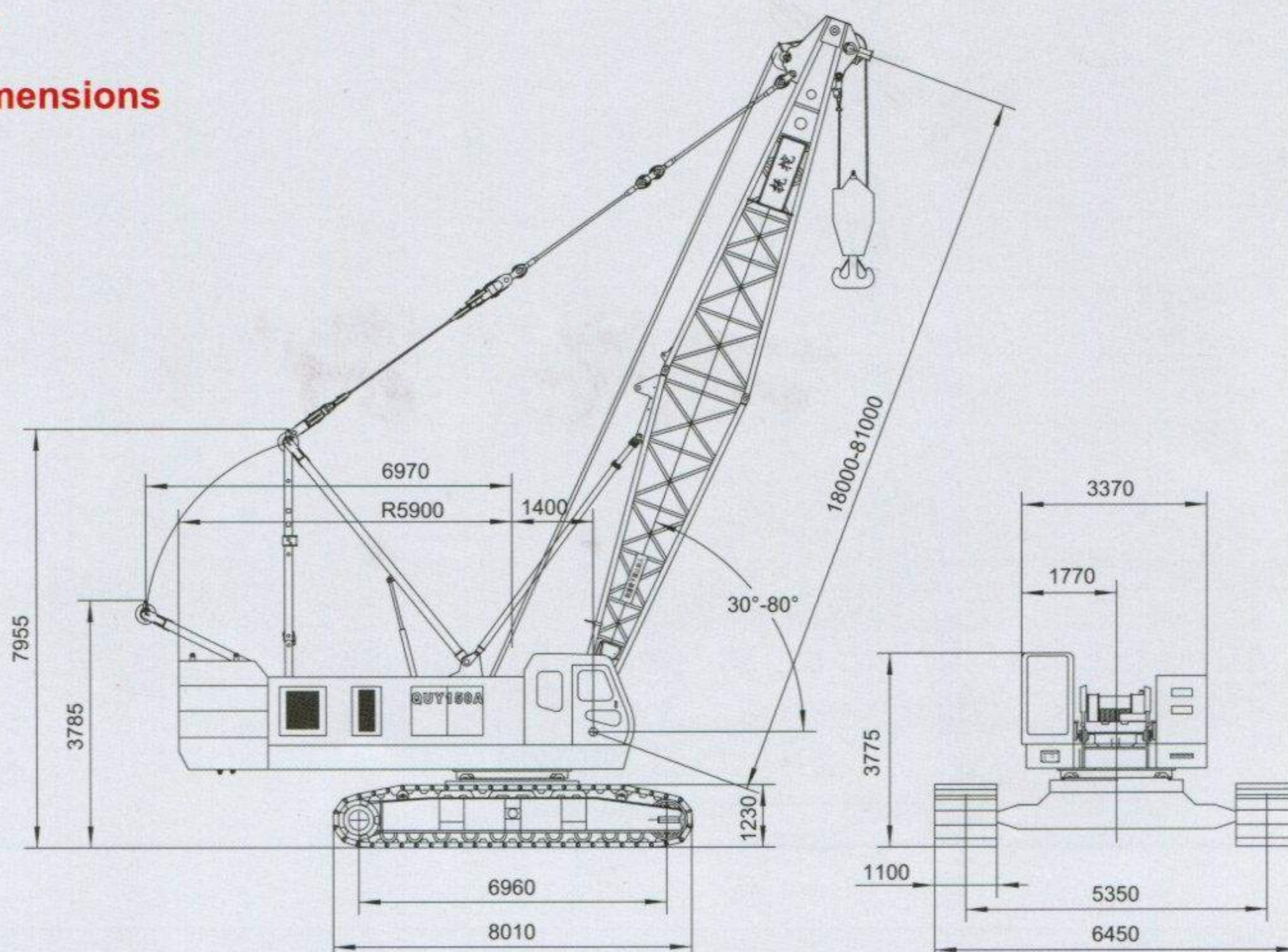
注: 带※速度是随载荷的不同而变化。

Descriptions		Unit	Data	
Max. rated lifting capacity		t	150	
Heavy boom		m	18~81	
Fixed jib		m	13~31	
Max. boom and jib combination		m	69+31	
Boom angle		°	30~80	
Hook blocks		t	150/50/25/9	
Working speed	Rope speed	Hoist	m/min ※(First layer) High 60, Low 30; (Sixth layer) High 83, Low 41	
		Lower	m/min (First layer) High 60, Low 30; (Sixth layer) High 83, Low 41	
		Boom rise	m/min ※(First layer)22×2	
		Boom lower	m/min (First layer)22×2	
	Swing		r/min	High 2.0 Low 1.0
	※Travel		km/h	High 1.0 Low 0.5
Gradeability		%	30 ( with basic boom and the cab in the rear )	
Rated power output and rotation speed of the diesel engine		KW/r/pm	Cummins M11-C310 231/2100	
Weight of the machine		t	150.5(with basic boom and 150t hook block)	
Ground pressure		Mpa	0.093(with basic boom and 150t hook block)	
Counterweight		t	54.6	

Note: Speed with※may vary with the load.

## 总体尺寸 Overall Dimensions

### 重主臂 Heavy boom



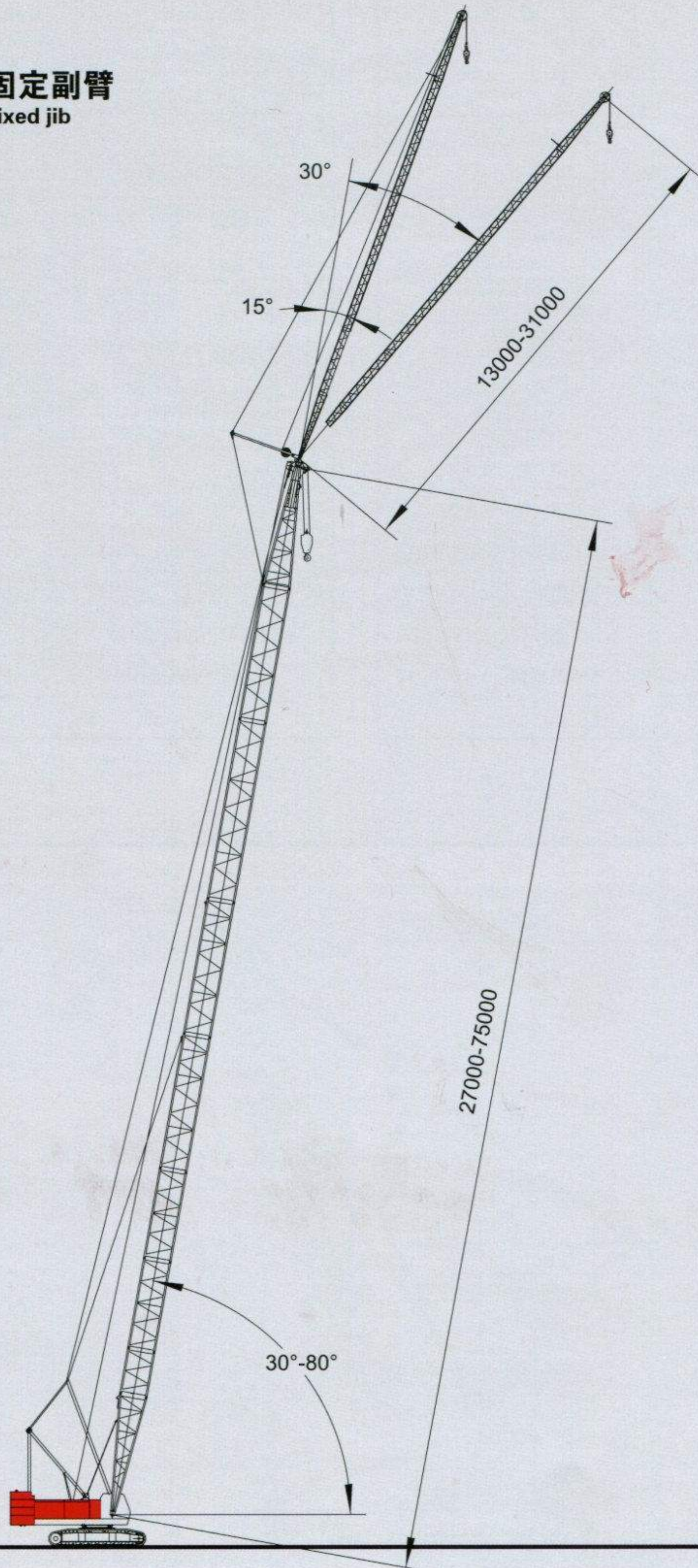




总体尺寸

Overall Dimensions

固定副臂  
Fixed jib



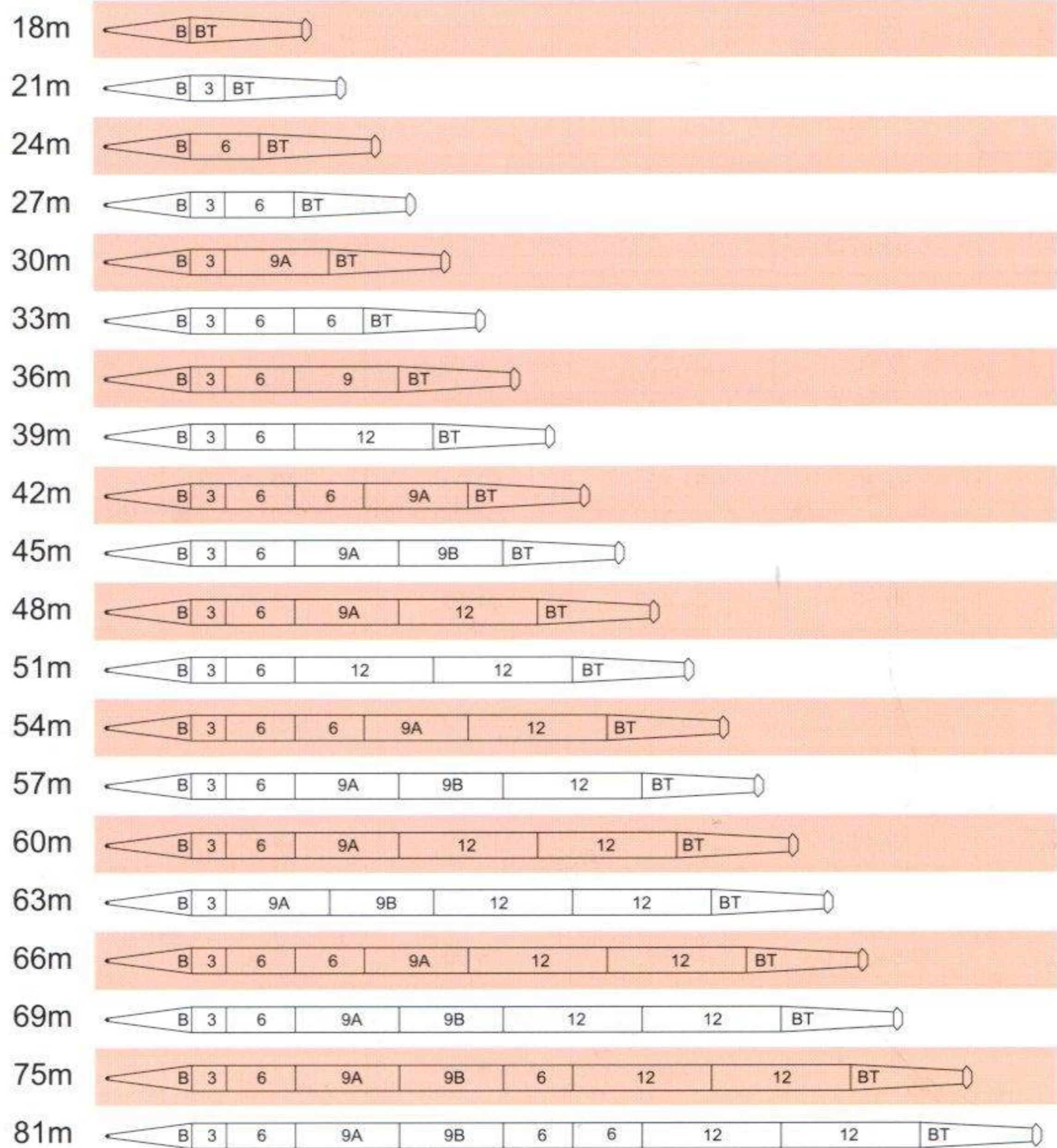
# 主臂和副臂组合

# Boom and Jib Combinations

## 标准主臂工况臂节组合

## Boom Combination

## 注解



符号	臂杆长度	备注
	7.5米	7.5米下节臂
	10.5米	10.5米上节臂
	3米	3米中间节臂
	6米	6米中间节臂
	9米	9A米中间节臂
	9米	9B米中间节臂
	12米	12米中间节臂

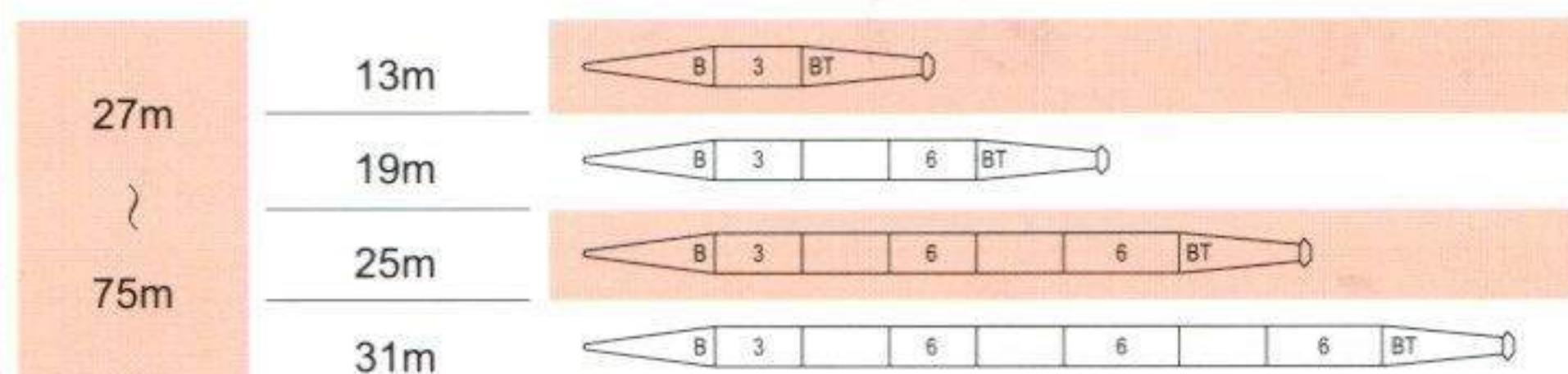
## Note

Symbol	Boom length	Remarks
	7.5m	7.5m Boom foot
	10.5m	10.5m Boom top
	3m	3m Boom insert
	6m	6m Boom insert
	9m	9Am Boom insert
	9m	9Bm Boom insert
	12m	12m Boom insert

## 固定副臂工况臂节组合

## Fixed Jib combinations

主臂长度 Boom length    副臂长度 Jib length    副臂组合 Jib combination

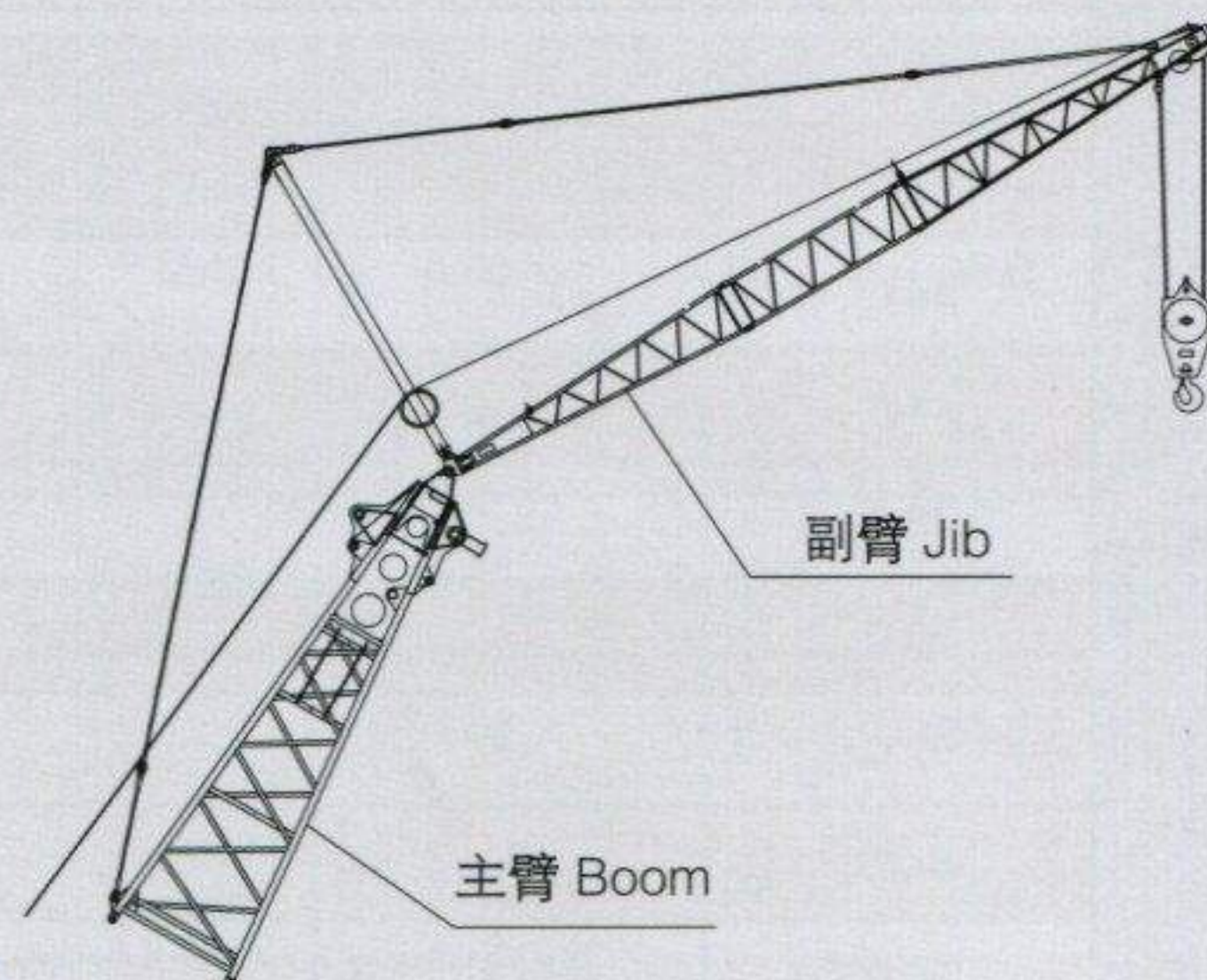


## 注解

符号	臂杆长度	备注
	5米	5米下节臂
	5米	5米上节臂
	3米	3米中间节臂
	6米	6米中间节臂

## Note

Symbol	Length	Remarks
	5m	5m Boom foot
	5m	5m Boom top
	3m	3m Jib insert
	6m	6m Jib insert



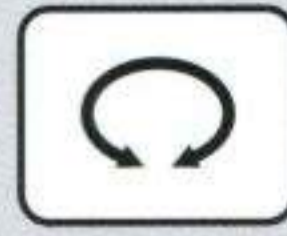


标准主臂工况载荷表

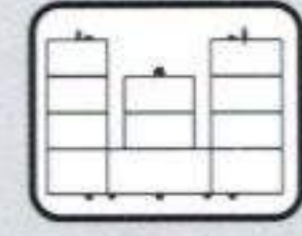
Load Chart (Standard Boom)




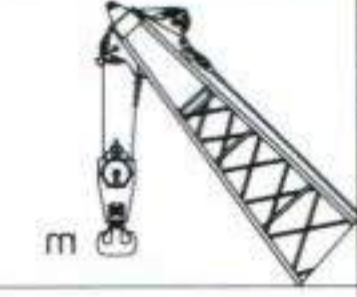
18m-81m



360°



54.6t

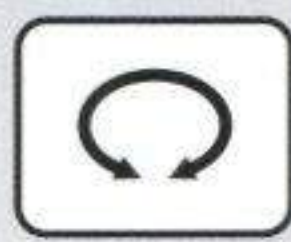
 m	18.0	24.0	30.0	36.0	42.0	48.0	 m
5.0	150.00						5.0
6.0	133.00	5.9 × 116.8					6.0
7.0	115.00	104.70	6.9 × 92.9				7.0
8.0	94.20	93.90	87.50	75.60			8.0
9.0	78.50	78.20	77.90	72.50	9.1 × 62.6		9.0
10.0	67.20	66.90	66.60	66.40	60.40	10.1 × 52.4	10.0
12.0	52.00	51.60	51.30	51.10	50.80	49.40	12.0
14.0	42.20	41.80	41.50	41.30	40.90	40.80	14.0
16.0	35.50	35.00	34.60	34.40	34.10	33.90	16.0
18.0		30.00	29.60	29.40	29.00	28.80	18.0
20.0		26.20	25.80	25.50	25.10	25.00	20.0
22.0		23.20	22.70	22.50	22.10	21.90	22.0
24.0		22.3 × 22.7	20.30	20.00	19.60	19.40	24.0
26.0			18.30	18.00	17.60	17.40	26.0
28.0			27.5 × 17.0	16.30	15.90	15.60	28.0
30.0				14.90	14.50	14.20	30.0
32.0				13.60	13.20	12.90	32.0
34.0				32.7 × 13.2	12.10	11.80	34.0
36.0					11.10	10.90	36.0
38.0					37.9 × 10.4	10.00	38.0
40.0						9.30	40.0
42.0						8.00	42.0
44.0						43.1 × 8.3	44.0
46.0							46.0
48.0							48.0
50.0							50.0
52.0							52.0
54.0							54.0
56.0							56.0
58.0							58.0
60.0							60.0

# 标准主臂工况载荷表

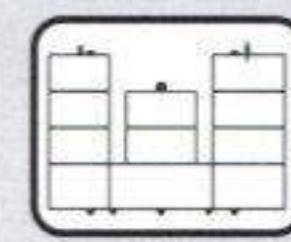
# Load Chart (Standard Boom)





18m-81m



360°



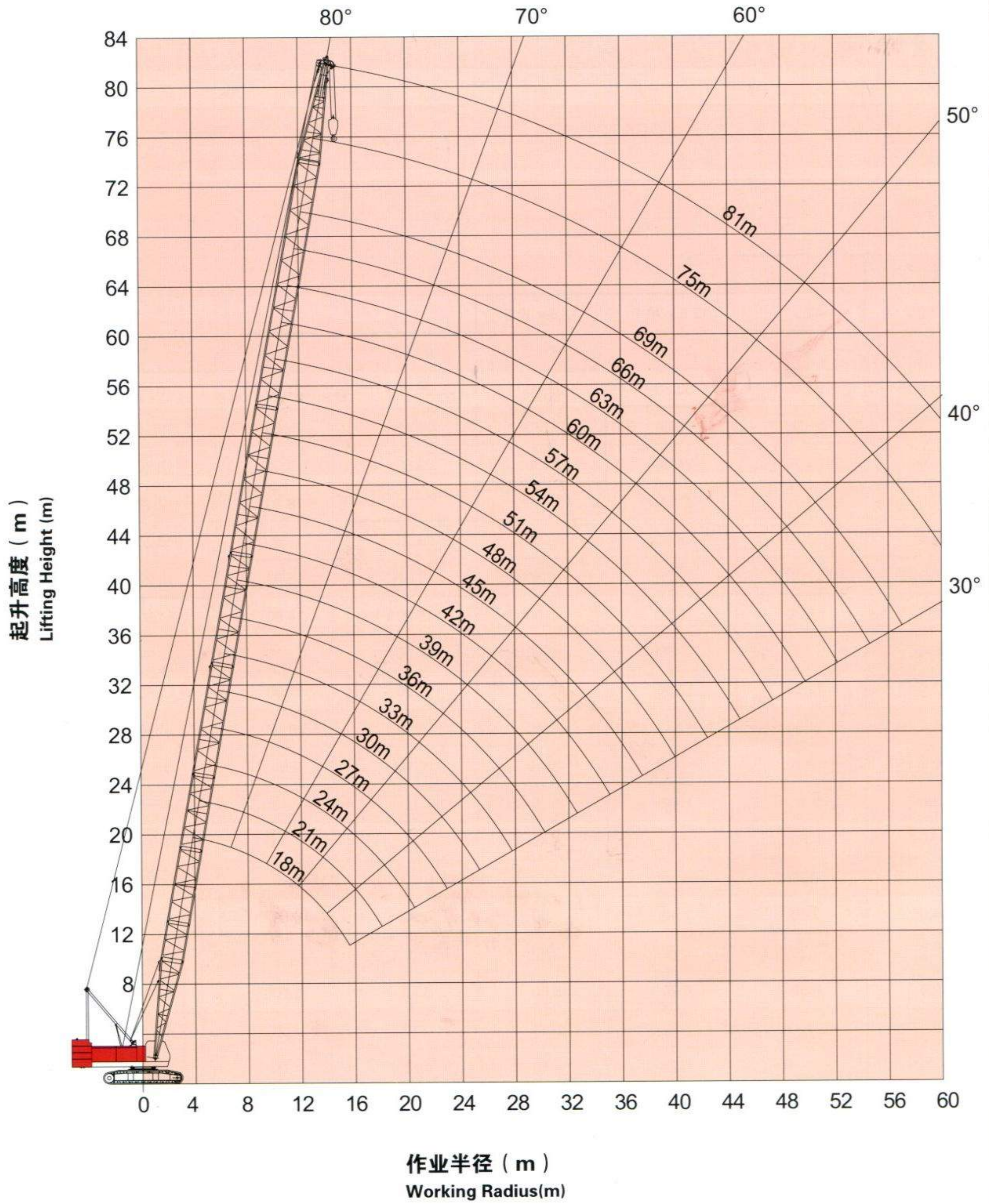
54.6t

 m	54.0	60.0	66.0	69.0	75.0	81.0	 m
5.0							5.0
6.0							6.0
7.0							7.0
8.0							8.0
9.0							9.0
10.0	11.1 × 44.2						10.0
12.0	42.90	12.5 × 38.1	13.5 × 30.6				12.0
14.0	40.50	35.60	30.00	27.50	15.0 × 22.0		14.0
16.0	33.60	32.30	27.80	25.70	21.50	20.00	16.0
18.0	28.60	28.90	25.60	23.90	20.50	19.10	18.0
20.0	24.70	24.90	23.30	22.00	19.50	18.20	20.0
22.0	21.60	21.80	21.50	20.20	18.40	17.20	22.0
24.0	19.10	19.30	18.90	18.90	17.40	16.20	24.0
26.0	17.10	17.20	16.80	16.80	16.40	15.20	26.0
28.0	15.30	15.40	15.00	15.00	14.60	14.50	28.0
30.0	13.90	13.90	13.50	13.50	13.10	12.90	30.0
32.0	12.60	12.60	12.20	12.20	11.80	11.60	32.0
34.0	11.50	11.40	11.10	11.10	10.60	10.50	34.0
36.0	10.50	10.30	10.10	10.10	9.60	9.50	36.0
38.0	9.70	9.60	9.20	9.20	8.70	8.50	38.0
40.0	8.90	8.80	8.40	8.40	7.80	7.60	40.0
42.0	8.20	8.10	7.70	7.60	7.10	6.80	42.0
44.0	7.60	7.40	7.00	6.90	6.30	6.10	44.0
46.0	7.10	6.80	6.30	6.20	5.70	5.40	46.0
48.0	6.50	6.20	5.80	5.70	5.10	4.80	48.0
50.0	48.3 × 6.4	5.70	5.20	5.10	4.60	4.30	50.0
52.0		5.20	4.80	4.60	4.10	3.80	52.0
54.0		53.5 × 4.9	4.30	4.20	3.60	3.30	54.0
56.0			3.90	3.80	3.20	2.90	56.0
58.0			3.60	3.40	2.80	2.50	58.0
60.0			58.7 × 3.4	3.10	2.50	2.20	60.0



重主臂工况载荷表

Load Chart (Heavy Boom)



NO.

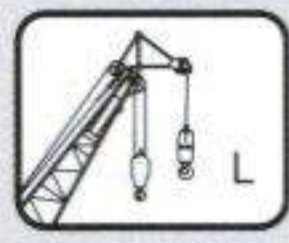
FUWA HEAVY INDUSTRY CO.,LTD.





辅助臂工况载荷表

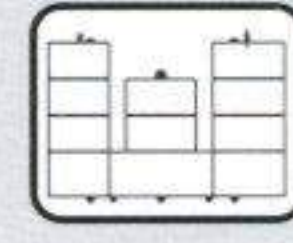
Load Chart (Assistant Boom)





18m-75m

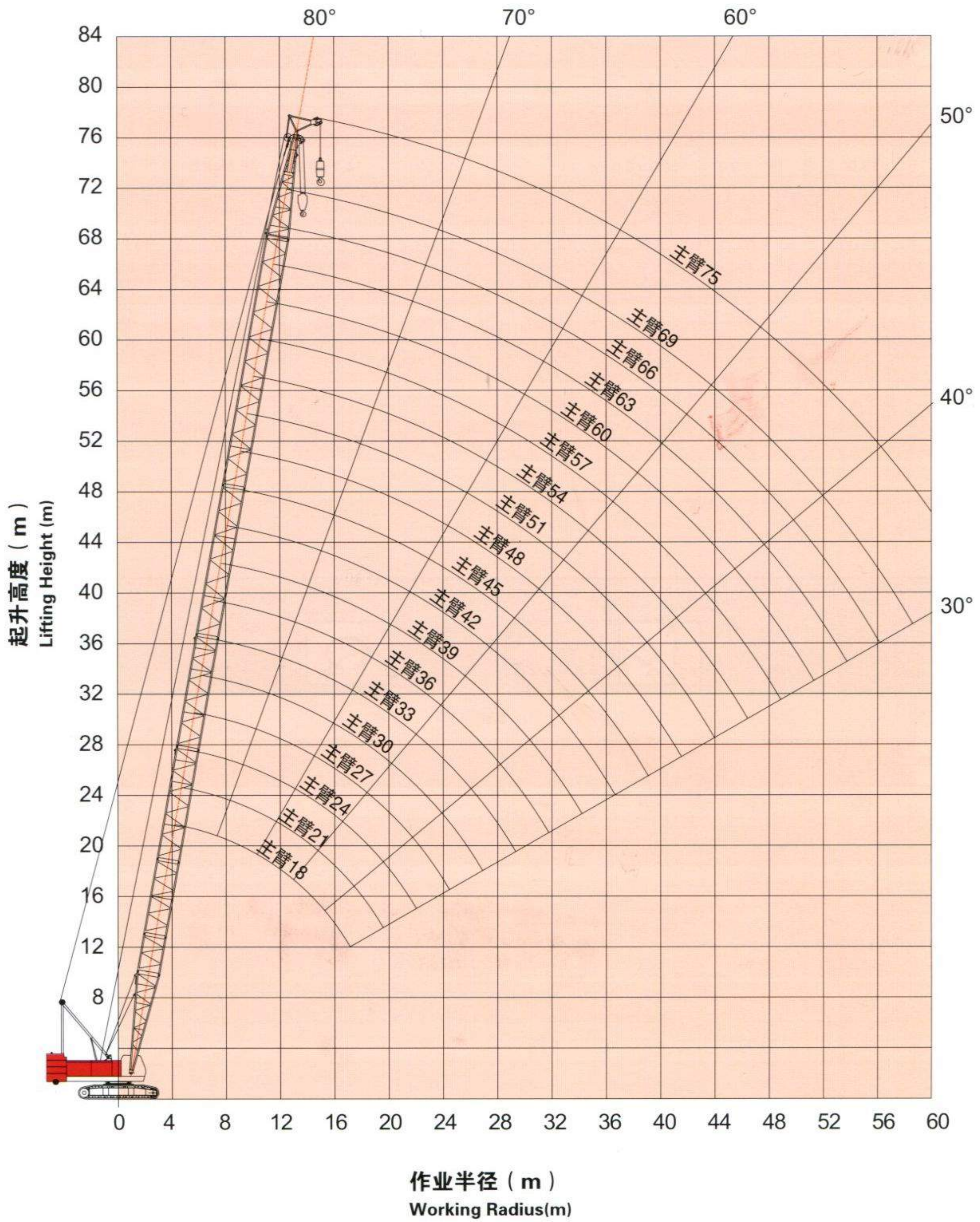


360°



54.6t

 m	48.0	51.0	54.0	57.0	60.0	63.0	66.0	69.0	75.0	 m
5.0										5.0
6.0										6.0
7.0										7.0
8.0										8.0
9.0										9.0
10.0	10.9×9.0	11.5×9.0								10.0
12.0	9.00	9.00	9.00	12.5×9.0	13.0×9.0	13.0×9.0				12.0
14.0	9.00	9.00	9.00	9.00	9.00	9.00	14.1×9.0	14.6×9.0	15.6×9.0	14.0
16.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	16.0
18.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	18.0
20.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	20.0
22.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	22.0
24.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	24.0
26.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	26.0
28.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	28.0
30.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	30.0
32.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	32.0
34.0	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	35.8×9.0	34.0
36.0	9.00	9.00	9.00	37.4×9.0	37.4×9.0	37.3×9.0	36.8×9.0	36.5×9.0	8.90	36.0
38.0	38.8×9.0	38.5×9.0	9.00	8.80	8.90	8.70	8.50	8.50	8.10	38.0
40.0	8.60	8.50	8.30	8.10	8.20	8.00	7.80	7.70	7.30	40.0
42.0	8.00	7.80	7.60	7.40	7.50	7.30	7.10	7.10	6.60	42.0
44.0	43.1×7.7	7.30	7.10	6.90	6.90	6.70	6.50	6.50	6.00	44.0
46.0		45.7×6.8	6.50	6.30	6.30	6.10	6.00	5.90	5.40	46.0
48.0			6.10	5.90	5.90	5.70	5.50	5.40	4.80	48.0
50.0			48.3×6.0	5.50	5.40	5.20	5.00	4.90	4.30	50.0
52.0				53.9×5.3	5.00	4.70	4.50	4.40	3.80	52.0
54.0					53.5×4.7	4.30	4.10	3.90	3.40	54.0
56.0						56.1×3.9	3.70	3.50	3.00	56.0
58.0							3.30	3.20	2.60	58.0
60.0							58.7×3.2	2.80	2.20	60.0







固定副臂工况载荷表

Load Chart (Fixed Jib)



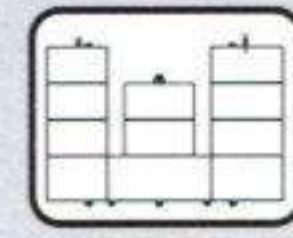
27m-75m



15°, 30°  
13m-31m



360°



54.6t

m	27.0				30.0				m	
	13.0		19.0		13.0		19.0			
	15°	30°	15°	30°	15°	30°	15°	30°		
12.0	12.3 × 13.0				12.9 × 13.0				12.0	
14.0	13.00	15.1 × 9.0	14.9 × 8.0		13.00	14.7 × 9.0	15.5 × 8.0		14.0	
16.0	13.00	9.00	8.00		13.00	9.00	8.00		16.0	
18.0	13.00	9.00	8.00	19.1 × 6.0	13.00	9.00	8.00	19.6 × 6.0	18.0	
20.0	13.00	9.00	8.00		6.00	13.00	9.00	8.00	6.00	20.0
22.0	23.2 × 13.0		9.00	8.00	6.00	13.00	9.00	8.00	6.00	22.0
24.0	12.70	9.00	8.00		6.00	24.8 × 13.0	9.00	8.00	6.00	24.0
26.0	24.9 × 12.3	24.9 × 9.0	24.9 × 8.0		24.9 × 6.0	12.50	9.00	8.00	6.00	26.0
28.0						27.5 × 11.9	27.5 × 9.0	27.5 × 8.0	27.5 × 6.0	28.0
30.0										30.0
32.0										32.0
34.0										34.0



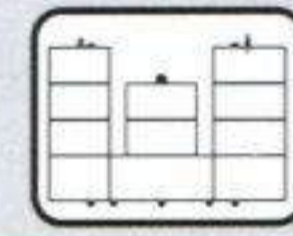
27m-75m



15°, 30°  
13m-31m



360°

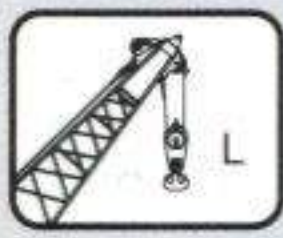


54.6t

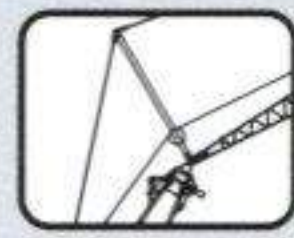
m	33.0								m
	13.0		19.0		25.0		31.0		
	15°	30°	15°	30°	15°	30°	15°	30°	
12.0	13.4 × 13.0								12.0
14.0	13.00								14.0
16.0	13.00	16.3 × 9.0	16.1 × 8.0						16.0
18.0	13.00	9.00	8.00		18.7 × 5.0				18.0
20.0	13.00	9.00	8.00	20.2 × 6.0	5.00				20.0
22.0	13.00	9.00	8.00		6.00	5.00			22.0
24.0	13.00	9.00	8.00		6.00	5.00	24.2 × 4.6		24.0
26.0	13.00	9.00	8.00		6.00	5.00	4.60		26.0
28.0	12.30	9.00	8.00		6.00	5.00	4.60		28.0
30.0	30.1 × 11.6	30.1 × 11.6	30.1 × 8.0	30.1 × 6.0	30.1 × 5.0	30.1 × 4.6			30.0
32.0									32.0
34.0									34.0

# 固定副臂工况载荷表

# Load Chart (Fixed Jib)



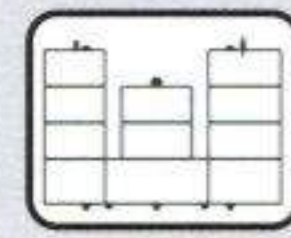
27m-75m



15°, 30°  
13m-31m



360°



54.6t

m	36.0								m
	13.0		19.0		25.0		31.0		
	15°	30°	15°	30°	15°	30°	15°	30°	
12.0									12.0
14.0	14.1 × 13.0								14.0
16.0	13.00	16.9 × 9.0	16.7 × 8.0						16.0
18.0	13.00	9.00	8.00		19.3 × 5.0				18.0
20.0	13.00	9.00	8.00	20.8 × 6.0	5.00				20.0
22.0	13.00	9.00	8.00	6.00	5.00				22.0
24.0	13.00	9.00	8.00	6.00	5.00	27.0 × 4.6			24.0
26.0	27.6 × 13.0	9.00	8.00	6.00	5.00	4.60			26.0
28.0	12.80	9.00	8.00	6.00	5.00	4.60			28.0
30.0	12.20	9.00	8.00	6.00	5.00	4.60			30.0
32.0	11.60	9.00	8.00	6.00	5.00	4.60			32.0
34.0	32.7 × 11.4	32.7 × 9.0	32.7 × 8.0	32.7 × 6.0	32.0 × 5.0	37.0 × 4.6			34.0
36.0									36.0



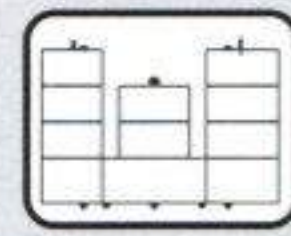
27m-75m



15°, 30°  
13m-31m



360°



54.6t

m	39.0								m
	13.0		19.0		25.0		31.0		
	15°	30°	15°	30°	15°	30°	15°	30°	
14.0	14.6 × 13.0								12.0
16.0	13.00	17.4 × 9.0	17.2 × 8.0						14.0
18.0	13.00	9.00	8.00		19.9 × 5.0				16.0
20.0	13.00	9.00	8.00	21.4 × 6.0	5.00				18.0
22.0	13.00	9.00	8.00	6.00	5.00		22.5 × 3.0		20.0
24.0	13.00	9.00	8.00	6.00	5.00	25.3 × 4.6	3.00		22.0
26.0	13.00	9.00	8.00	6.00	5.00	4.60	3.00		24.0
28.0	29.0 × 13.0	9.00	8.00	6.00	5.00	4.60	3.00	29.2 × 2.6	26.0
30.0	12.70	9.00	8.00	6.00	5.00	4.60	3.00	2.60	28.0
32.0	12.10	9.00	8.00	6.00	5.00	4.60	3.00	2.60	30.0
34.0	11.50	9.00	8.00	6.00	5.00	4.60	3.00	2.60	32.0
36.0	35.3 × 10.5	35.3 × 9.0	35.3 × 8.0	35.3 × 6.0	35.3 × 5.0	35.3 × 4.6	35.3 × 3.0	35.3 × 2.6	34.0
38.0									36.0
40.0									
42.0									

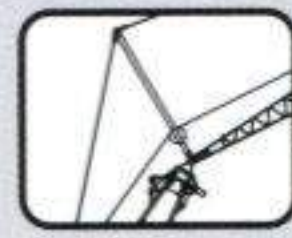


固定副臂工况载荷表

Load Chart (Fixed Jib)



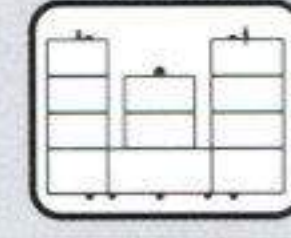
27m-75m



15°, 30°  
13m-31m



360°



54.6t

m	42.0								m
	13.0		19.0		25.0		31.0		
	15°	30°	15°	30°	15°	30°	15°	30°	
12.0									12.0
14.0	15.2 × 13.0								14.0
16.0	13.00		17.8 × 8.0						16.0
18.0	13.00	9.00	8.00						18.0
20.0	13.00	9.00	8.00	21.9 × 6.0	20.4 × 5.0				20.0
22.0	13.00	9.00	8.00	6.00	5.00		23.1 × 3.0		22.0
24.0	13.00	9.00	8.00	6.00	5.00	25.9 × 4.6	3.00		24.0
26.0	13.00	9.00	8.00	6.00	5.00	4.60	3.00		26.0
28.0	13.00	9.00	8.00	6.00	5.00	4.60	3.00	29.8 × 2.6	28.0
30.0	13.00	9.00	8.00	6.00	5.00	4.60	3.00	2.60	30.0
32.0	12.30	9.00	8.00	6.00	5.00	4.60	3.00	2.60	32.0
34.0	11.30	9.00	8.00	6.00	5.00	4.60	3.00	2.60	34.0
36.0	10.40	9.00	8.00	6.00	5.00	4.60	3.00	2.50	36.0
38.0	37.9 × 9.7	37.9 × 9.0	37.9 × 8.0	37.9 × 6.0	37.9 × 5.0	37.9 × 4.6	37.9 × 2.9	37.9 × 2.4	38.0
40.0									40.0
42.0									42.0



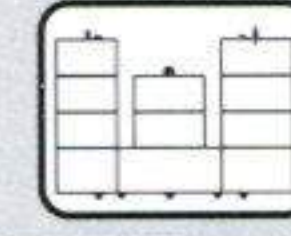
27m-75m



15°, 30°  
13m-31m



360°



54.6t

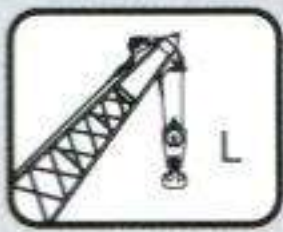
m	45.0								m
	13.0		19.0		25.0		31.0		
	15°	30°	15°	30°	15°	30°	15°	30°	
12.0									12.0
14.0	15.7 × 13.0								14.0
16.0	13.00								16.0
18.0	13.00	18.6 × 9.0	18.4 × 8.0						18.0
20.0	13.00	9.00	8.00		21.0 × 5.0				20.0
22.0	13.00	9.00	8.00	22.5 × 6.0	5.00		23.6 × 3.0		22.0
24.0	13.00	9.00	8.00	6.00	5.00		3.00		24.0
26.0	13.00	9.00	8.00	6.00	5.00	26.4 × 4.6	3.00		26.0
28.0	13.00	9.00	8.00	6.00	5.00	4.60	3.00		28.0
30.0	30.7 × 13.0	9.00	8.00	6.00	5.00	4.60	3.00	30.4 × 2.6	30.0
32.0	12.20	9.00	8.00	6.00	5.00	4.60	3.00	2.60	32.0
34.0	11.20	9.00	8.00	6.00	5.00	4.60	3.00	2.60	34.0
36.0	10.30	9.00	8.00	6.00	5.00	4.60	3.00	2.60	36.0
38.0	9.50	39.5 × 9.0	8.00	6.00	5.00	4.60	2.90	2.55	38.0
40.0	8.80	8.80	8.00	6.00	5.00	4.60	2.80	2.50	40.0
42.0	40.5 × 8.6	40.5 × 8.6	40.5 × 8.0	40.5 × 6.0	40.5 × 5.0	40.5 × 4.6	40.5 × 2.75	40.5 × 2.45	42.0





固定副臂工况载荷表

Load Chart (Fixed Jib)



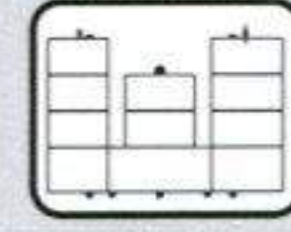
27m-75m



15°, 30°  
13m-31m



360°



54.6t

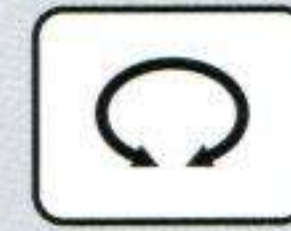
m	54.0								m
	13.0		19.0		25.0		31.0		
	15°	30°	15°	30°	15°	30°	15°	30°	
16.0	17.5 × 13.0								16.0
18.0	13.00								18.0
20.0	13.00	20.3 × 9.0	20.1 × 8.0						20.0
22.0	13.00	9.00	8.00		22.7 × 5.0				22.0
24.0	13.00	9.00	8.00	24.2 × 6.0	5.00		25.3 × 3.0		24.0
26.0	13.00	9.00	8.00	6.00	5.00		3.00		26.0
28.0	13.00	9.00	8.00	6.00	5.00	28.2 × 4.6	3.00		28.0
30.0	13.00	9.00	8.00	6.00	5.00	4.60	3.00		30.0
32.0	11.80	9.00	8.00	6.00	5.00	4.60	3.00	32.1 × 2.6	32.0
34.0	10.70	9.00	8.00	6.00	5.00	4.60	3.00	2.60	34.0
36.0	9.80	9.00	8.00	6.00	5.00	4.60	3.00	2.60	36.0
38.0	9.00	9.00	8.00	6.00	5.00	4.60	3.00	2.60	38.0
40.0	8.30	8.30	40.9 × 8.0	6.00	5.00	4.60	2.95	2.55	40.0
42.0	7.60	7.60	7.60	6.00	5.00	4.60	2.90	2.50	42.0
44.0	7.10	7.10	7.10	6.00	5.00	4.60	2.85	2.45	44.0
46.0	6.50	6.50	6.50	6.00	5.00	4.60	2.80	2.40	46.0
48.0	6.10	6.10	6.10	6.00	5.00	4.60	2.75	2.35	48.0
50.0	48.3 × 6.0	48.3 × 6.0	48.3 × 6.0	48.3 × 6.0	48.3 × 5.0	48.3 × 4.6	48.3 × 2.7	48.3 × 2.3	50.0
52.0									52.0
54.0									54.0
56.0									56.0



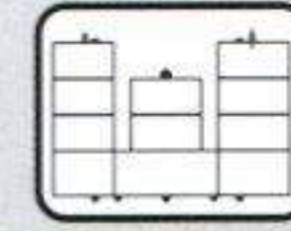
27m-75m



15°, 30°  
13m-31m



360°



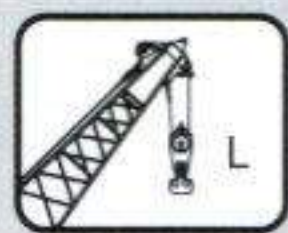
54.6t

m	57.0								m
	13.0		19.0		25.0		31.0		
	15°	30°	15°	30°	15°	30°	15°	30°	
16.0									16.0
18.0	13.00								18.0
20.0	13.00	20.9 × 9.0	20.7 × 8.0						20.0
22.0	13.00	9.00	8.00		23.3 × 5.0				22.0
24.0	13.00	9.00	8.00	24.8 × 6.0	5.00		25.3 × 3.0		24.0
26.0	13.00	9.00	8.00	6.00	5.00		3.00		26.0
28.0	29.8 × 13.0	9.00	8.00	6.00	5.00	28.7 × 4.6	3.00		28.0
30.0	12.80	9.00	8.00	6.00	5.00	4.60	3.00		30.0
32.0	11.60	9.00	8.00	6.00	5.00	4.60	3.00	32.7 × 2.6	32.0
34.0	10.50	9.00	8.00	6.00	5.00	4.60	3.00	2.60	34.0
36.0	9.60	37.4 × 9.0	8.00	6.00	5.00	4.60	3.00	2.60	36.0
38.0	8.80	8.80	8.00	6.00	5.00	4.60	3.00	2.60	38.0
40.0	8.10	8.10	40.1 × 8.0	6.00	5.00	4.60	3.00	2.60	40.0
42.0	7.40	7.40	7.40	6.00	5.00	4.60	2.95	2.55	42.0
44.0	6.90	6.90	6.90	6.00	5.00	4.60	2.90	2.50	44.0
46.0	6.30	6.30	6.30	47.5 × 6.0	5.00	4.60	2.85	2.45	46.0
48.0	5.90	5.90	5.90	5.90	5.00	4.60	2.80	2.40	48.0
50.0	5.50	5.50	5.50	5.50	5.00	4.60	2.75	2.35	50.0
52.0	50.9 × 5.3	50.9 × 5.3	50.9 × 5.3	50.9 × 5.3	50.9 × 5.0	50.9 × 4.6	50.9 × 2.7	50.9 × 2.3	52.0
54.0									54.0
56.0									56.0



# 固定副臂工况载荷表

# Load Chart (Fixed Jib)



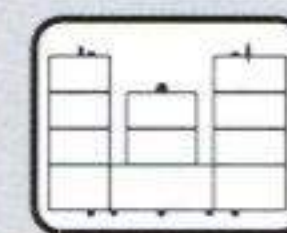
27m-75m



15°, 30°  
13m-31m

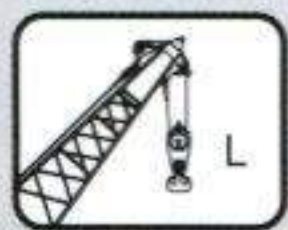


360°



54.6t

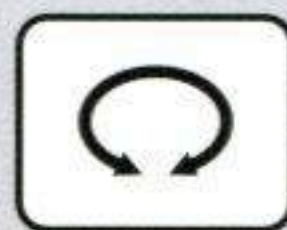
m	60.0								m
	13.0		19.0		25.0		31.0		
	15°	30°	15°	30°	15°	30°		30°	
18.0	18.6 × 13.0								18.0
20.0	13.00	21.4 × 9.0	21.2 × 8.0						20.0
22.0	13.00	9.00	8.00		23.9 × 5.0				22.0
24.0	13.00	9.00	8.00	25.4 × 6.0	5.00				24.0
26.0	13.00	9.00	8.00	6.00	5.00		26.5 × 3.0		26.0
28.0	13.00	9.00	8.00	6.00	5.00	29.3 × 4.6	3.00		28.0
30.0	13.00	9.00	8.00	6.00	5.00	4.60	3.00		30.0
32.0	11.80	9.00	8.00	6.00	5.00	4.60	3.00	33.3 × 2.6	32.0
34.0	10.70	9.00	8.00	6.00	5.00	4.60	3.00	2.60	34.0
36.0	9.70	37.7 × 9.0	8.00	6.00	5.00	4.60	3.00	2.60	36.0
38.0	8.90	8.90	8.00	6.00	5.00	4.60	3.00	2.60	38.0
40.0	8.20	8.20	40.7 × 8.0	6.00	5.00	4.60	3.00	2.60	40.0
42.0	7.50	7.50	7.50	6.00	5.00	4.60	3.00	2.55	42.0
44.0	6.90	6.90	6.90	6.00	5.00	4.60	2.95	2.50	44.0
46.0	6.30	6.30	6.30	47.2 × 6.0	5.00	4.60	2.90	2.45	46.0
48.0	5.90	5.90	5.90	5.90	5.00	4.60	2.85	2.40	48.0
50.0	5.40	5.40	5.40	5.40	5.00	4.60	2.80	2.35	50.0
52.0	5.00	5.00	5.00	5.00	5.00	4.60	2.75	2.30	52.0
54.0	53.5 × 4.7	53.5 × 4.7	53.5 × 4.7	53.5 × 4.7	53.5 × 4.7	53.5 × 4.6	53.5 × 2.7	53.5 × 2.25	54.0
56.0									56.0



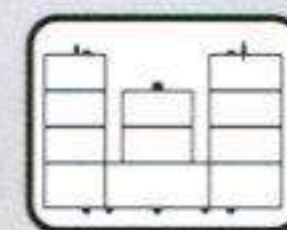
27m-75m



15°, 30°  
13m-31m



360°



54.6t

m	63.0								m
	13.0		19.0		25.0		31.0		
	15°	30°	15°	30°	15°	30°	15°	30°	
18.0	19.2 × 13.0								18.0
20.0	13.00		21.8 × 8.0						20.0
22.0	13.00	9.00	8.00						22.0
24.0	13.00	9.00	8.00	25.9 × 6.0	24.4 × 5.0				24.0
26.0	13.00	9.00	8.00	6.00	5.00		27.1 × 3.0		26.0
28.0	29.8 × 13.0	9.00	8.00	6.00	5.00	19.9 × 4.6	3.00		28.0
30.0	12.80	9.00	8.00	6.00	5.00	4.60	3.00		30.0
32.0	11.60	9.00	8.00	6.00	5.00	4.60	3.00	33.8 × 2.6	32.0
34.0	10.50	9.00	8.00	6.00	5.00	4.60	3.00	2.60	34.0
36.0	9.50	37.3 × 9.0	8.00	6.00	5.00	4.60	3.00	2.60	36.0
38.0	8.70	8.70	8.00	6.00	5.00	4.60	3.00	2.60	38.0
40.0	8.00	8.00	8.00	6.00	5.00	4.60	3.00	2.60	40.0
42.0	7.30	7.30	7.30	6.00	5.00	4.60	3.00	2.55	42.0
44.0	6.70	6.70	6.70	6.00	5.00	4.60	3.00	2.50	44.0
46.0	6.10	6.10	6.10	46.6 × 6.0	5.00	4.60	2.95	2.45	46.0
48.0	5.70	5.70	5.70	5.70	5.00	4.60	2.90	2.40	48.0
50.0	5.20	5.20	5.20	5.20	50.5 × 5.0	4.60	2.85	2.35	50.0
52.0	4.70	4.70	4.70	4.70	4.70	52.4 × 4.6	2.80	2.30	52.0
54.0	4.30	4.30	4.30	4.30	4.30	4.30	2.75	2.25	54.0
56.0	56.1 × 3.9	56.1 × 3.9	56.1 × 3.9	56.1 × 3.9	56.1 × 3.9	56.1 × 3.9	56.1 × 2.7	56.1 × 2.2	56.0



固定副臂工况载荷表

Load Chart (Fixed Jib)



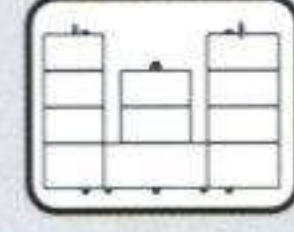
27m-75m



15°, 30°  
13m-31m



360°



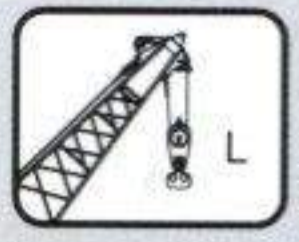
54.6t

m	66.0								m
	13.0		19.0		25.0		31.0		
	15°	30°	15°	30°	15°	30°	15°	30°	
18.0	19.2 × 13.0								18.0
20.0	13.00								20.0
22.0	13.00	22.6 × 9.0	22.4 × 8.0						22.0
24.0	13.00	9.00	8.00		25.0 × 5.0				24.0
26.0	13.00	9.00	8.00	26.5 × 6.0	5.00		27.6 × 3.0		26.0
28.0	29.5 × 13.0	9.00	8.00	6.00	5.00		3.00		28.0
30.0	12.70	9.00	8.00	6.00	5.00	30.4 × 4.6	3.00		30.0
32.0	11.40	9.00	8.00	6.00	5.00	4.60	3.00		32.0
34.0	10.40	9.00	8.00	6.00	5.00	4.60	3.00	34.4 × 2.6	34.0
36.0	9.40	36.8 × 9.0	8.00	6.00	5.00	4.60	3.00	2.60	36.0
38.0	8.60	8.60	39.4 × 8.0	6.00	5.00	4.60	3.00	2.60	38.0
40.0	7.80	7.80	7.80	6.00	5.00	4.60	3.00	2.60	40.0
42.0	7.10	7.10	7.10	6.00	5.00	4.60	3.00	2.55	42.0
44.0	6.50	6.50	6.50	6.00	5.00	4.60	3.00	2.50	44.0
46.0	6.00	6.00	6.00	6.00	5.00	4.60	2.95	2.45	46.0
48.0	5.50	5.50	5.50	5.50	5.00	4.60	2.90	2.40	48.0
50.0	5.00	5.00	5.00	5.00	5.00	51.6 × 4.6	2.85	2.35	50.0
52.0	4.50	4.50	4.50	4.50	4.50	4.50	2.80	2.30	52.0
54.0	4.10	4.10	4.10	4.10	4.10	4.10	2.75	2.25	54.0
56.0	3.70	3.70	3.70	3.70	3.70	3.70	2.70	2.20	56.0
58.0	3.30	3.30	3.30	3.30	3.30	3.30	2.65	2.15	58.0
60.0	58.7 × 3.2	58.7 × 3.2	58.7 × 3.2	58.7 × 3.2	58.7 × 3.2	58.7 × 3.2	58.7 × 2.6	58.7 × 2.1	60.0



# 固定副臂工况载荷表

# Load Chart (Fixed Jib)



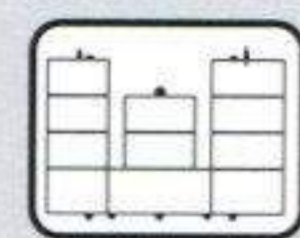
27m-75m



15°, 30°  
13m-31m



360°



54.6t

69.0	75.0										
	13.0		19.0		25.0		31.0		13.0		
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°	
18.0											18.0
20.0	20.3 × 13.0								21.5 × 13.0		20.0
22.0	13.00	23.1 × 9.0	22.9 × 8.0						13.00		22.0
24.0	13.00	9.00	8.00		25.6 × 5.0				13.00	24.3 × 9.0	24.0
26.0	13.00	9.00	8.00	27.1 × 6.0	5.00				13.00	9.00	26.0
28.0	29.3 × 13.0	9.00	8.00	6.00	5.00		28.2 × 3.0		28.8 × 13.0	9.00	28.0
30.0	12.60	9.00	8.00	6.00	5.00	31.0 × 4.6	3.00		12.20	9.00	30.0
32.0	11.40	9.00	8.00	6.00	5.00	4.60	3.00		11.00	9.00	32.0
34.0	10.30	9.00	8.00	6.00	5.00	4.60	3.00	35.0 × 2.6	9.90	35.8 × 9.0	34.0
36.0	9.30	36.5 × 9.0	8.00	6.00	5.00	4.60	3.00	2.60	8.90	8.90	36.0
38.0	8.50	8.50	39.4 × 8.0	6.00	5.00	4.60	3.00	2.60	8.10	8.10	38.0
40.0	7.70	7.70	7.70	6.00	5.00	4.60	3.00	2.60	7.30	7.30	40.0
42.0	7.10	7.10	7.10	6.00	5.00	4.60	3.00	2.55	6.60	6.60	42.0
44.0	6.50	6.50	6.50	45.6 × 6.0	5.00	4.60	3.00	2.50	6.00	6.00	44.0
46.0	5.90	5.90	5.90	5.90	5.00	4.60	2.95	2.45	5.40	5.40	46.0
48.0	5.40	5.40	5.40	5.40	49.6 × 5.0	4.60	2.90	2.40	4.80	4.80	48.0
50.0	4.90	4.90	4.90	4.90	4.90	51.2 × 4.6	2.85	2.35	4.30	4.30	50.0
52.0	4.40	4.50	4.40	4.40	4.40	4.40	2.80	2.30	3.80	3.80	52.0
54.0	3.90	3.90	3.90	3.90	3.90	3.90	2.75	2.25	3.40	3.40	54.0
56.0	3.30	3.50	3.50	3.50	3.50	3.50	2.70	2.20	3.00	3.00	56.0
58.0	3.20	3.20	3.20	3.20	3.20	3.20	2.65	2.15	2.60	2.60	58.0
60.0	2.80	2.80	2.80	2.80	2.80	2.80	2.60	2.10	2.20	2.20	60.0





## 载荷表说明

## Notes for Load Chart

### 说明

- 1.本起重机符合GB3811标准，同时又满足ISO4302、ISO4305标准。
- 2.载荷表所表示的额定总载荷值为水平坚硬地面上，理想作业条件的最大允许值。
- 3.载荷表所示的值以吨为单位，并基于倾翻力矩78%以内的值。
- 4.载荷表所示的值基于平衡负载而计算，不包括如突然停止的冲击负载，地表状况，风力负荷及操作速度等影响。如在此条件下，驾驶员必须进行减载作业。同时，载荷表中的值还要扣除如吊钩，吊具等的自重。  
吊钩自重：150吨钩……3.186吨，50吨钩……0.829吨，25吨钩……0.857吨，9吨钩……0.246吨。
- 5.在安装副臂或辅助臂时，主起重机的实际起重量是将表的值扣下表所列中以及主钩+副钩的质量。

### Notes

- 1.Ratings according to GB3811, ISO 4302 and ISO 4305.
- 2.The rated load in the table is the maximum allowed value when the crane is on the firm and level ground and in the ideal conditions.
- 3.The unit in the table is ton and the rated load capacity is 78% of tipping load.
- 4.Lifting capacities are based on freely suspended loads and make no allowance for such factors as the effect of wind, sudden stopping of loads, supporting surfaces conditions and operating speeds. Operator must reduce load ratings to take such conditions into account. Deduction from the rated lifting capacities must be made for weight of hook block and weight of slings.  
Weight of hook: 150T hook block……3.186t, 50T hook block……0.829t, 25T hook block……0.857t, 9T hook block……0.246t.
- 5.When the jib or the Assistant boom is attached to the load to be actuarially lifted is the rated load minus the weight lifted below and the weight of the main and auxiliary hooks.

### 固定副臂和辅助臂

### Fixed jib and Assistant boom

副臂长度(m) Jib Length(m)		13	19	25	31	辅助臂 Assistant boom
扣除质量 Weight	起重臂长42米以下 Boom less than 42m	2.6	3.4	4.4	5.4	0.45
	起重臂长45米以上 Boom more than 42m	1.6	2.4	3.4	4.4	0.45

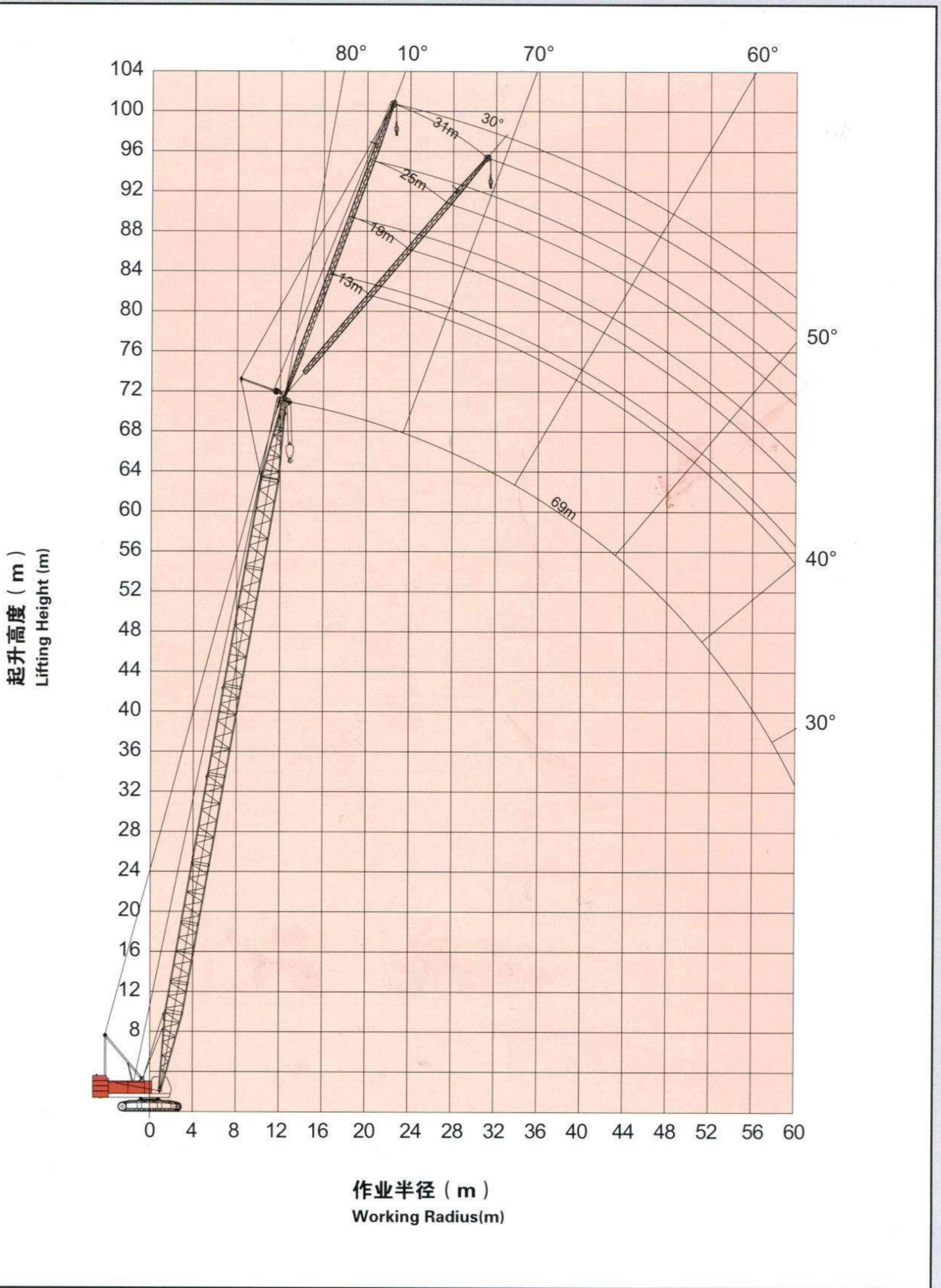
- 6.安装副臂时的主臂长度为27米~75米。
- 7.安装辅助臂时的主臂长度为18米~75米。
- 8.起重臂长度大于60米时，需要安装撑架。
- 9.起重机长度大于75米时，需要用中间支撑装置。
- 10.平衡重质量为54.6吨。
- 11.150吨起重钩只有在起重臂长度为39米以下或42米~48米吊装50吨以上时使用。
- 12.侧面时的稳定值最小。

- 6.When mounted with jib, boom length is between 27m and 75m.
- 7.When mounted with the Assistant boom, boom length is between 18m and 75m.
- 8.The support frame should be installed when boom length is more than 60m.
- 9.The suspension link is needed when boom length is more than 75m.
- 10.The counterweight is 54.6t.
- 11.The hook block of 150t is only used when boom length is less than 39m or boom length is between 42m and 48m with the load more than 50T.
- 12.Stability is weak at side.



# 固定副臂工况作业范围

# Working Range (Fixed Jib)

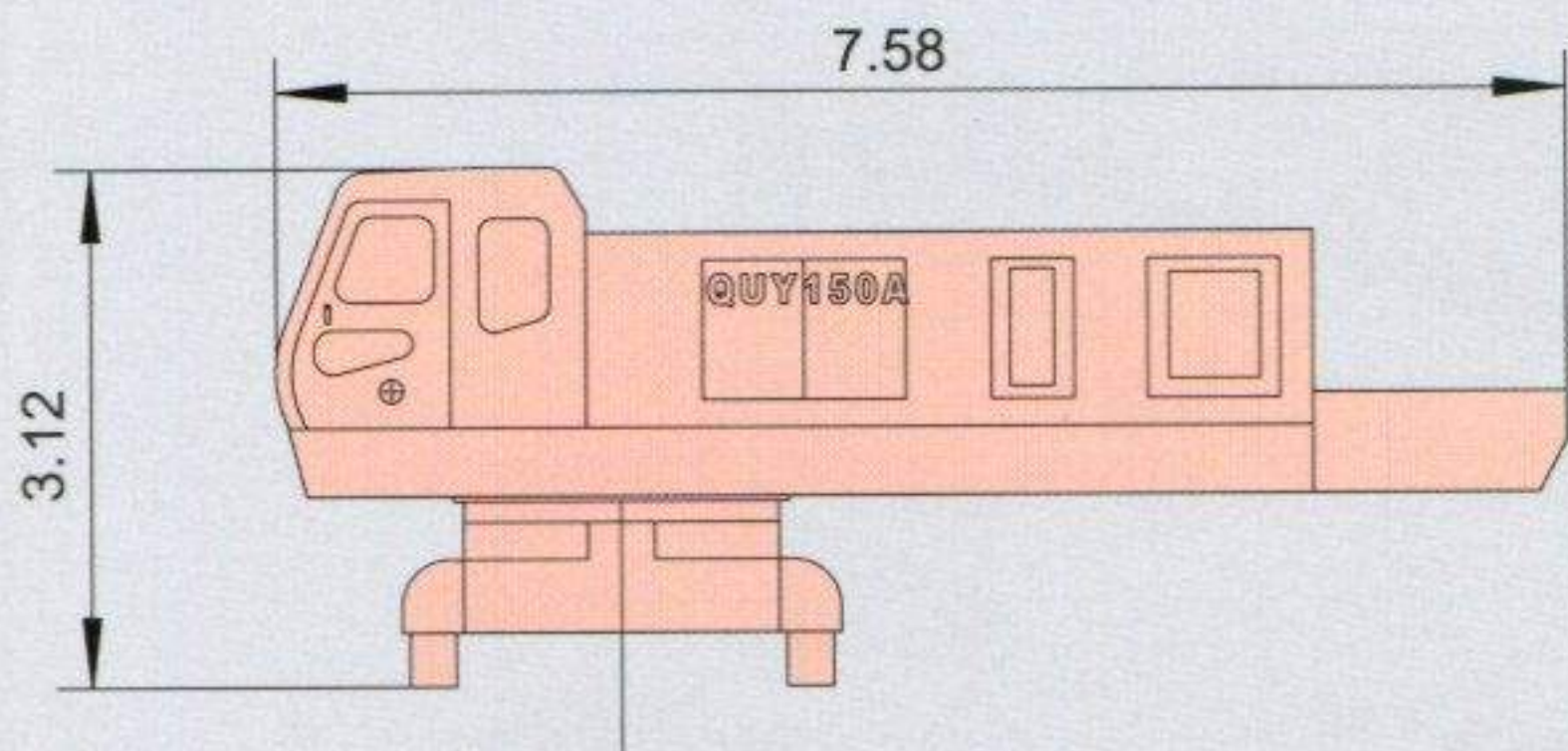




主要零部件运输尺寸

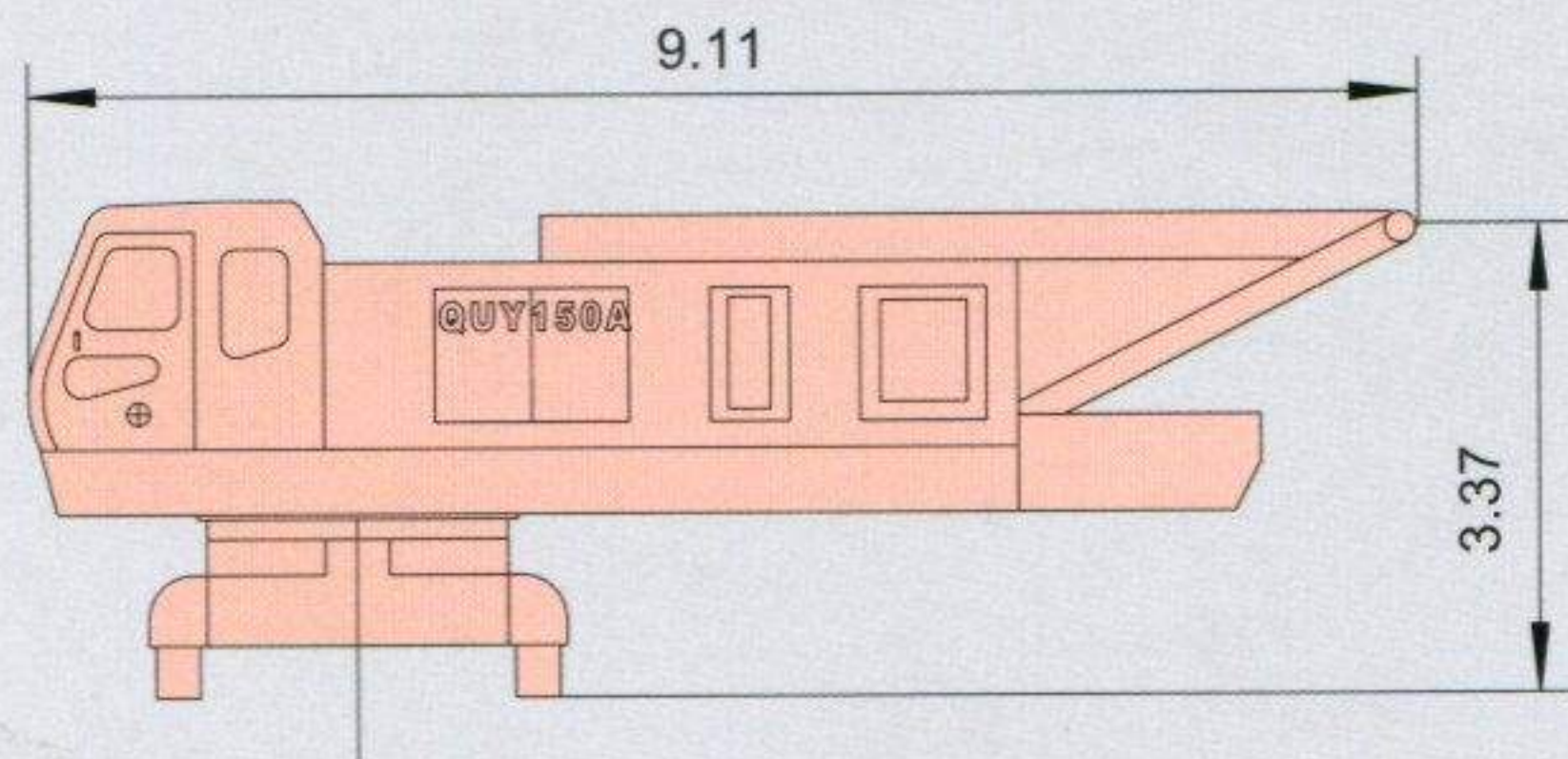
Dimensions for Transportation

尺寸单位: m Unit: m



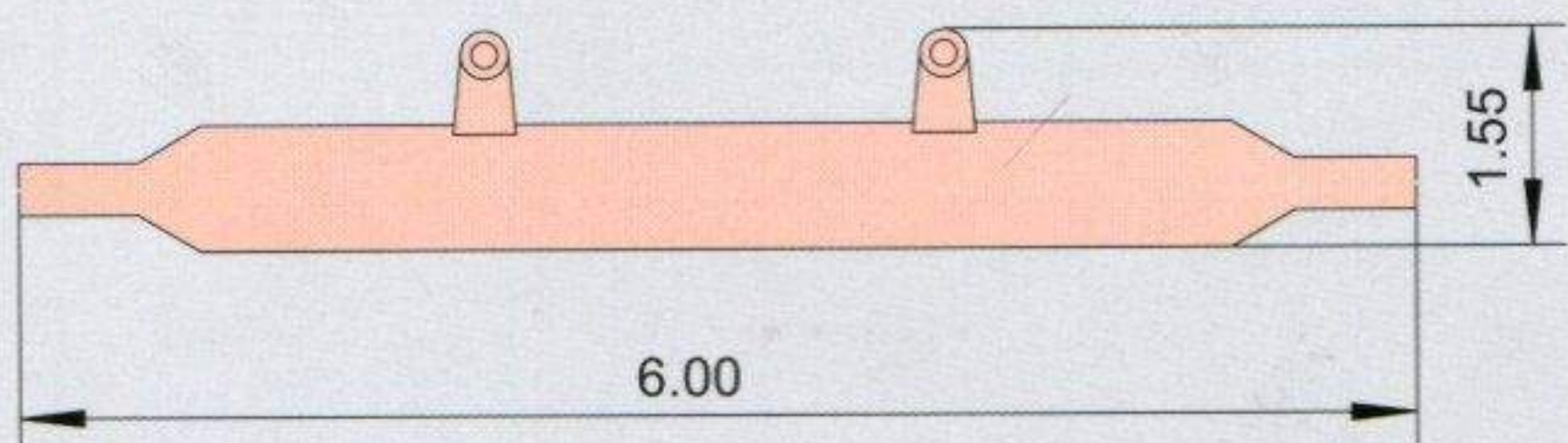
本体	× 1
长	7.58m
宽	3.37m
高	3.12m
重量	32000kg
(拆去A型架, 拉紧器)	

Carbody	× 1
Length	7.58m
Width	3.37m
Height	3.12m
Weight	32000kg
(Without A-frame and the bridle)	



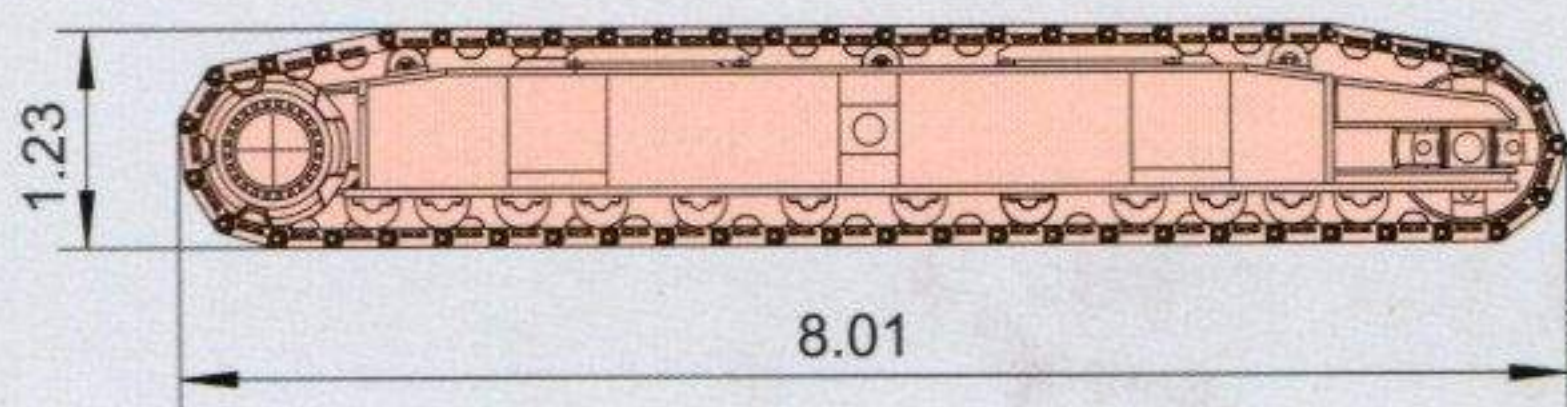
本体	× 1
长	9.11m
宽	3.37m
高	3.37m
重量	43000kg
(带A型架, 拆去拉紧器)	

Carbody	× 1
Length	9.11m
Width	3.37m
Height	3.37m
Weight	43000kg
(With A-frame and without the bridle)	



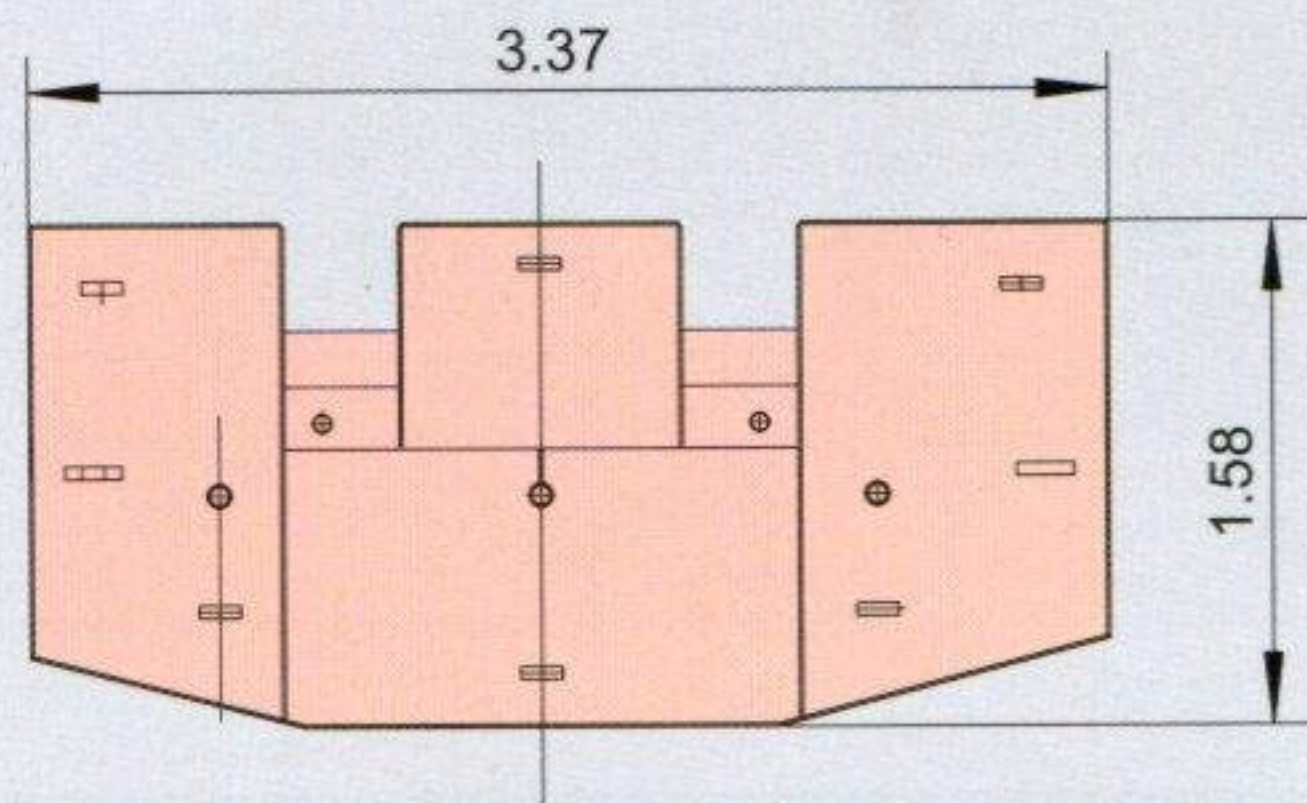
底座横梁	× 2
长	6.00m
宽	1.18m
高	1.55m
重量	5034kg
(不带千斤顶托架)	

Beam	× 2
Length	6.00m
Width	1.18m
Height	1.55m
Weight	5034kg
(without outrigger's support)	



履带总成	× 2
长	8.01m
宽	2.30m
高	1.23m
重量	20800kg

Crawler assy	× 2
Length	8.01m
Width	2.30m
Height	1.23m
Weight	20800kg



配重A	× 1
长	3.37m
宽	1.58m
高	0.78m
重量	13638kg

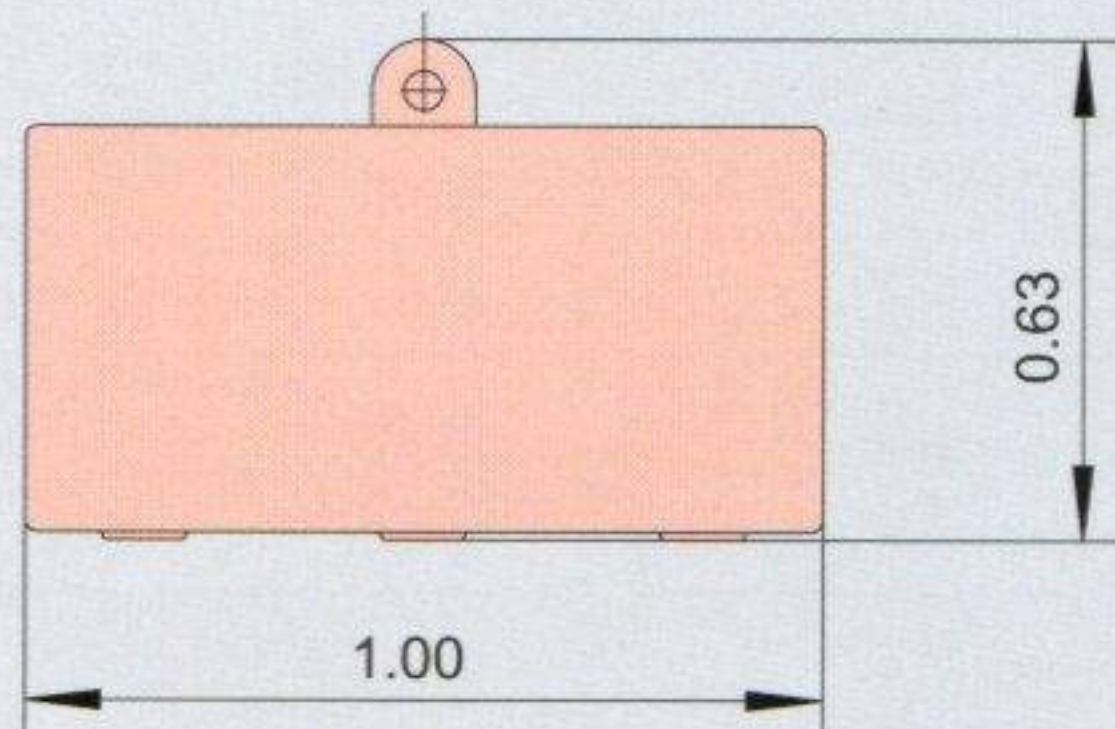
Counterweight A	× 1
Length	3.37m
Width	1.58m
Height	0.78m
Weight	13638kg



## 主要零部件运输尺寸

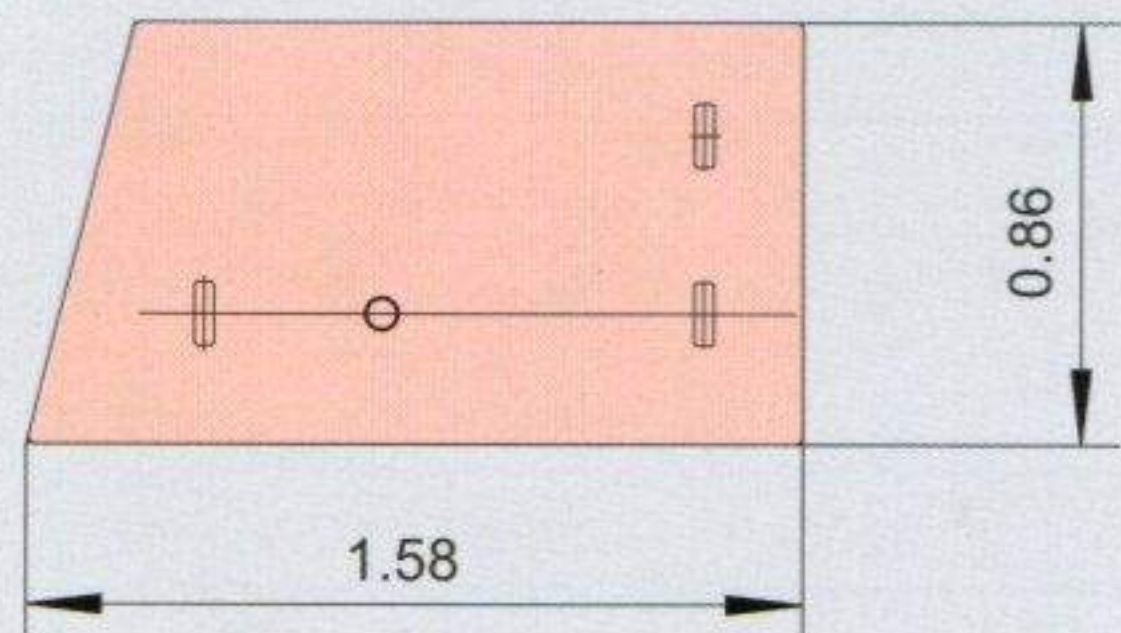
## Dimensions for Transportation

尺寸单位: m Unit: m



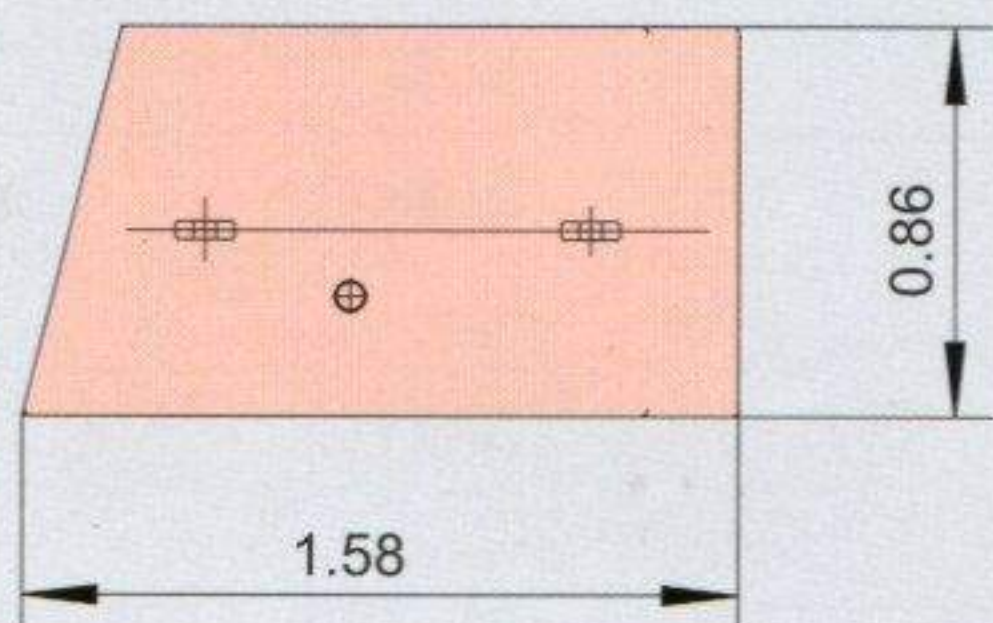
配重B	× 2
长	1.58m
宽	1.00m
高	0.63m
重量	5792kg

Counterweight B	× 2
Length	1.58m
Width	1.00m
Height	0.63m
Weight	5792kg



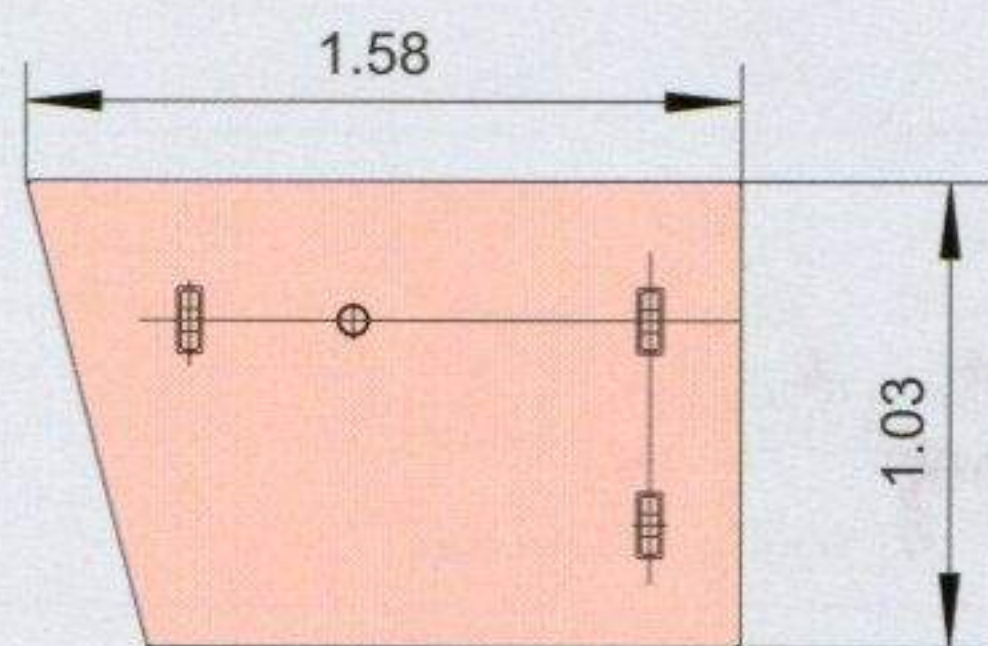
配重C	× 2
长	1.58m
宽	0.86m
高	0.65m
重量	4500kg

Counterweight C	× 2
Length	1.58m
Width	0.86m
Height	0.65m
Weight	4500kg



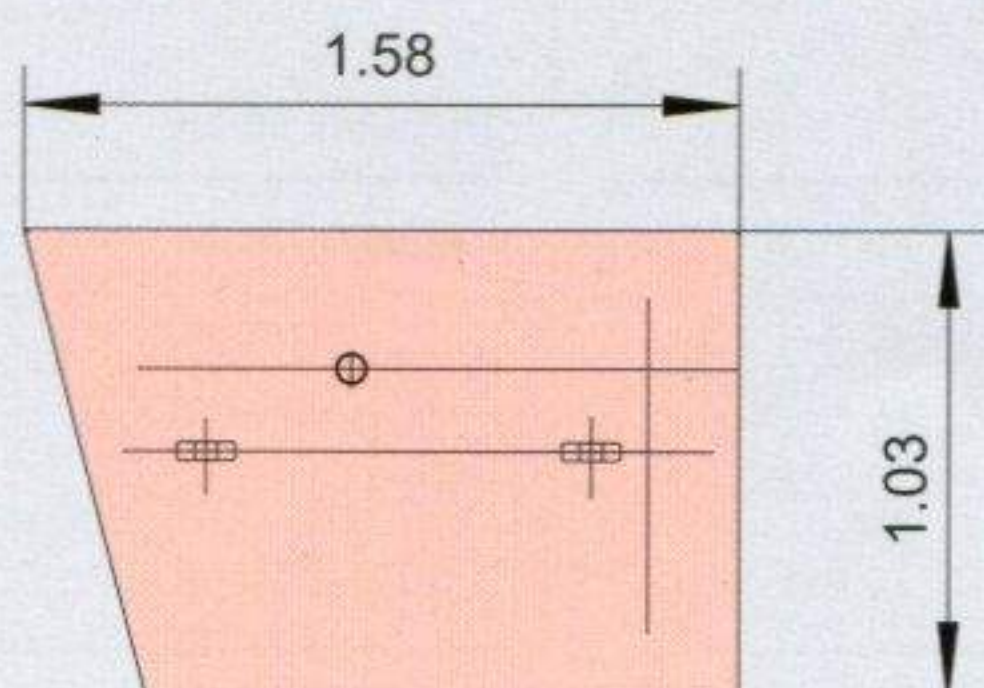
配重D	× 1
长	1.58m
宽	0.86m
高	0.65m
重量	4500kg

Counterweight D	× 1
Length	1.58m
Width	0.86m
Height	0.65m
Weight	4500kg



配重E	× 2
长	1.58m
宽	1.03m
高	0.65m
重量	5300kg

Counterweight E	× 2
Length	1.58m
Width	1.03m
Height	0.65m
Weight	5300kg



配重F	× 1
长	1.58m
宽	1.03m
高	0.65m
重量	5300kg

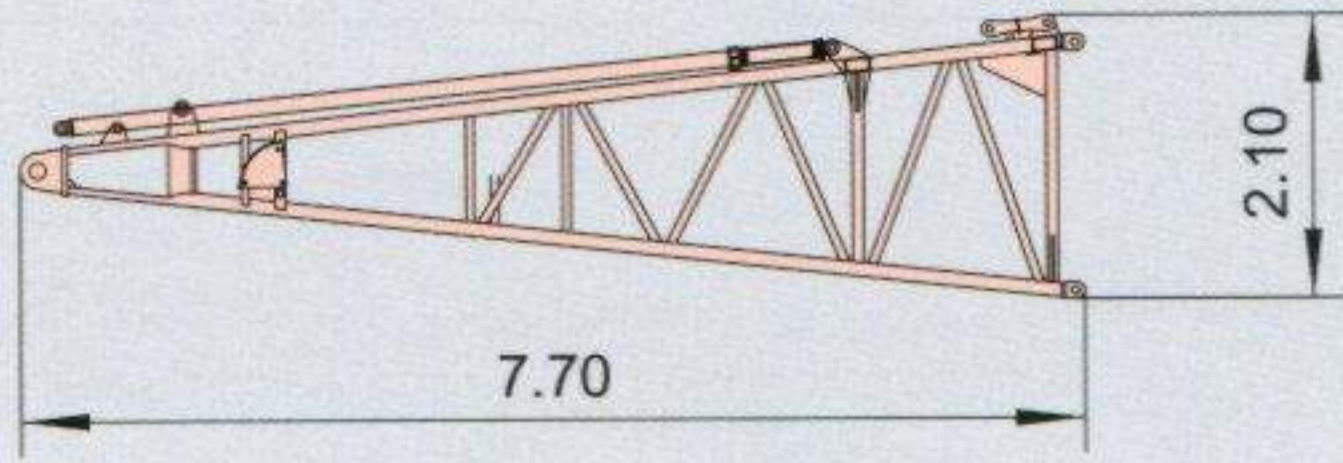
Counterweight F	× 1
Length	1.58m
Width	1.03m
Height	0.65m
Weight	5300kg



主要零部件运输尺寸

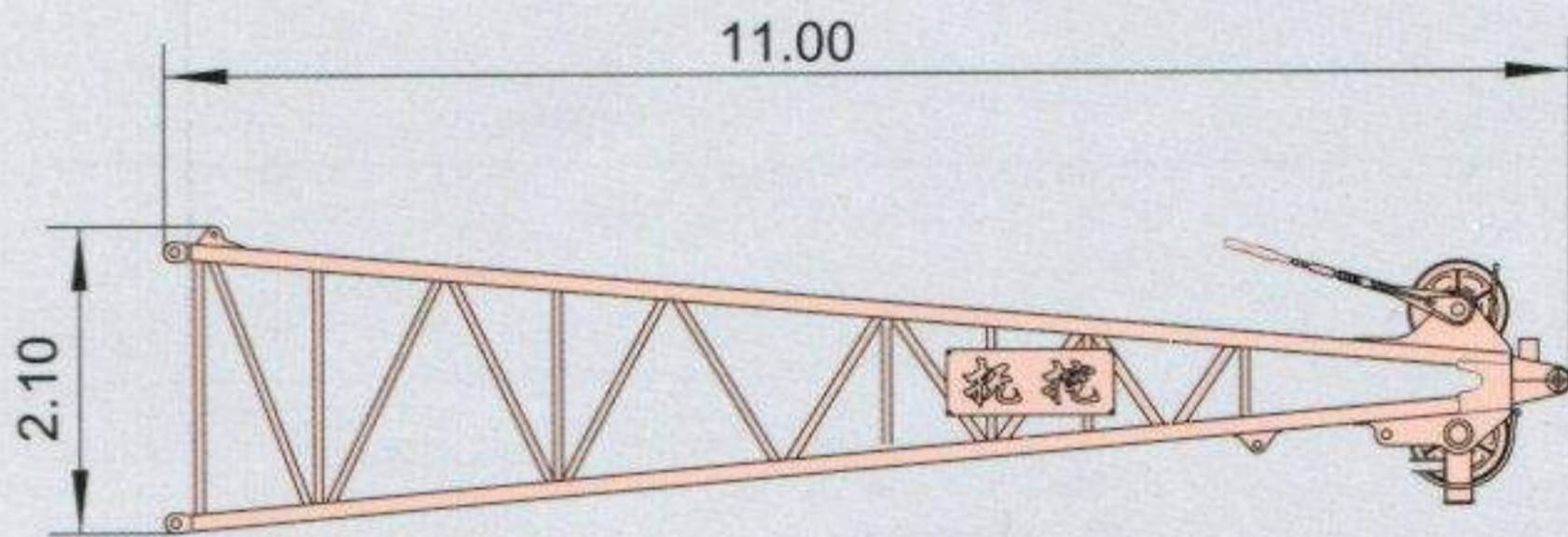
Dimensions for Transportation

尺寸单位: m Unit: m



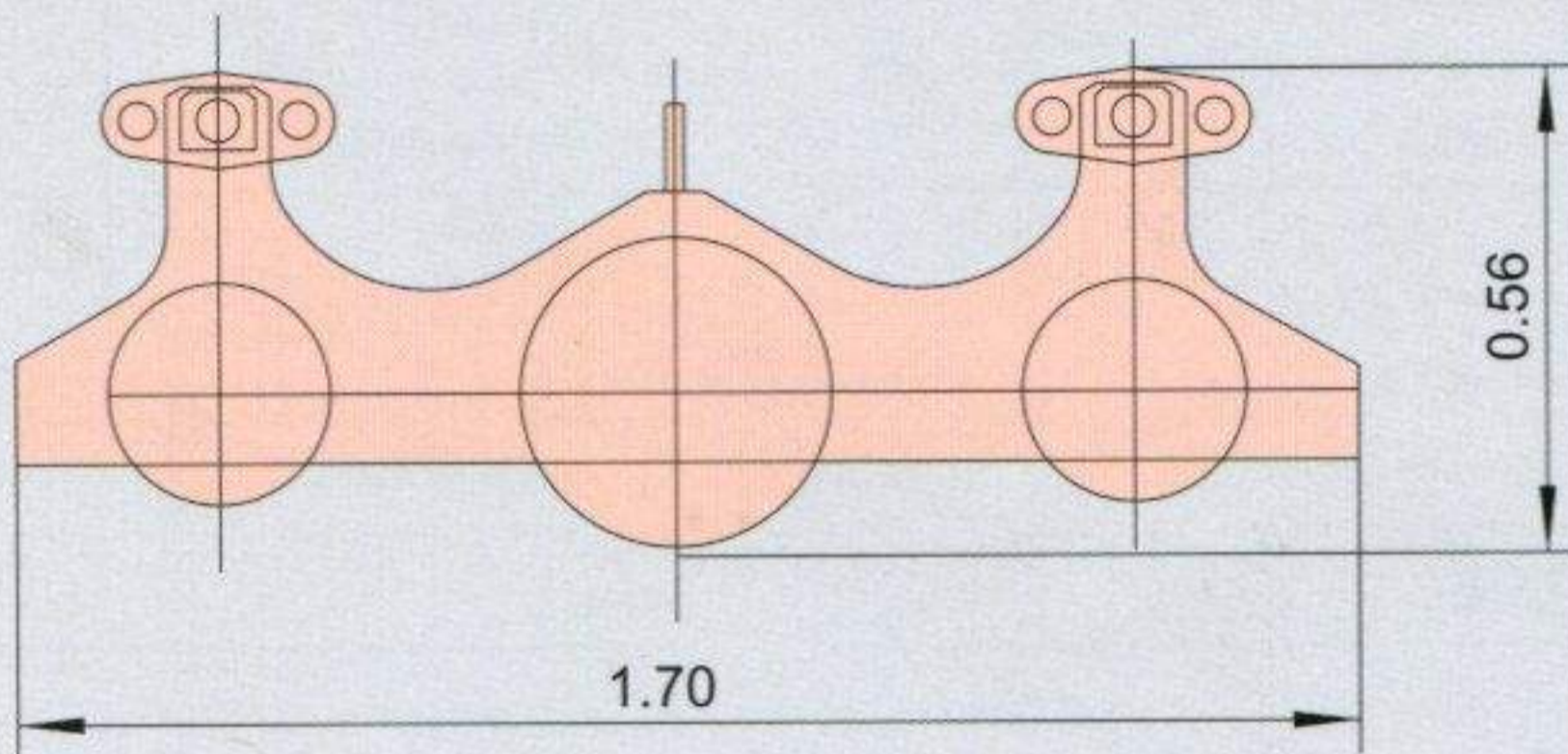
基础臂节	× 1
长	7.70m
宽	2.30m
高	2.10m
重量	2500kg

Boom foot	× 1
Length	7.70m
Width	2.30m
Height	2.10m
Weight	2500kg



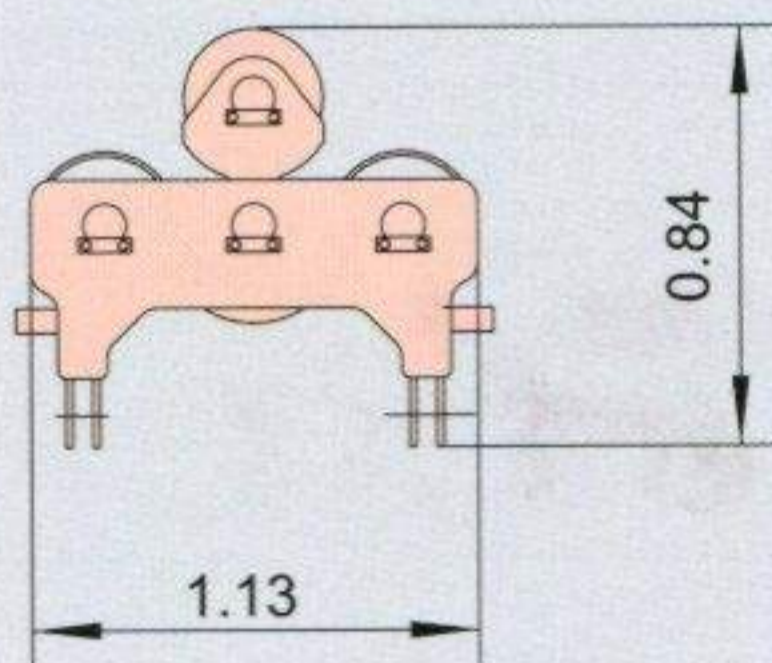
顶部臂节	× 1
长	11.00m
宽	2.30m
高	2.10m
重量	3200kg

Boom top	× 1
Length	11.00m
Width	2.30m
Height	2.10m
Weight	3200kg



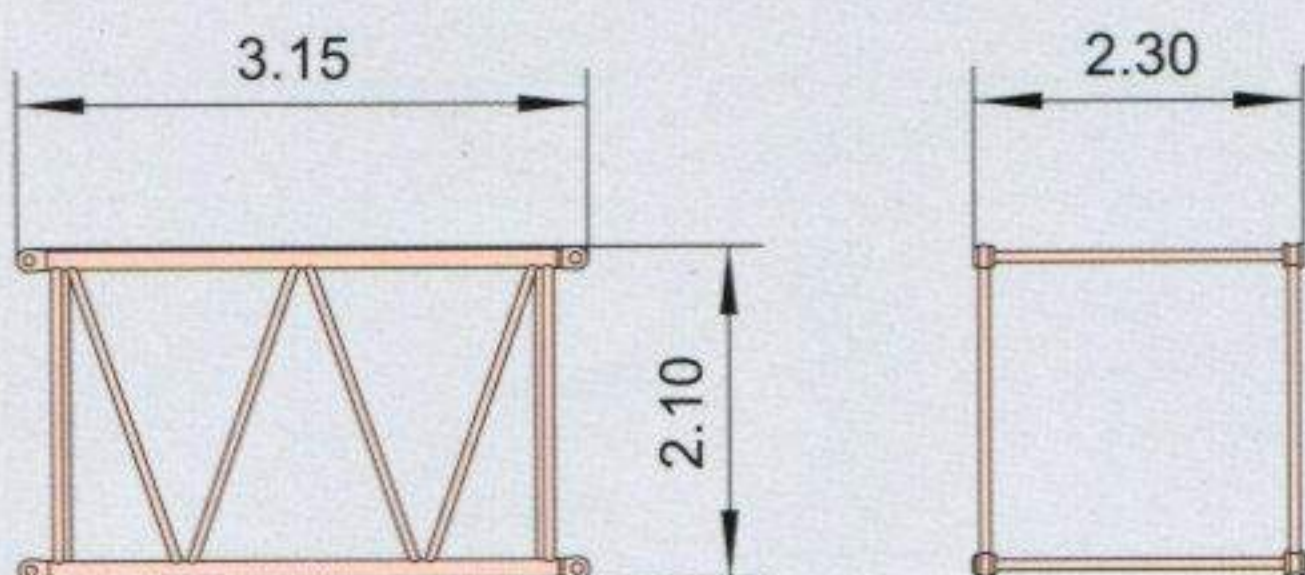
拉紧器	× 1
长	1.70m
宽	0.30m
高	0.56m
重量	360kg

Bridle	× 1
Length	1.70m
Width	0.30m
Height	0.56m
Weight	360kg



滑轮组	× 1
长	1.13m
宽	0.30m
高	0.84m
重量	300kg

Spreader	× 1
Length	1.13m
Width	0.30m
Height	0.84m
Weight	300kg



3米中间臂节	× 1
长	3.15m
宽	2.30m
高	2.10m
重量	620kg

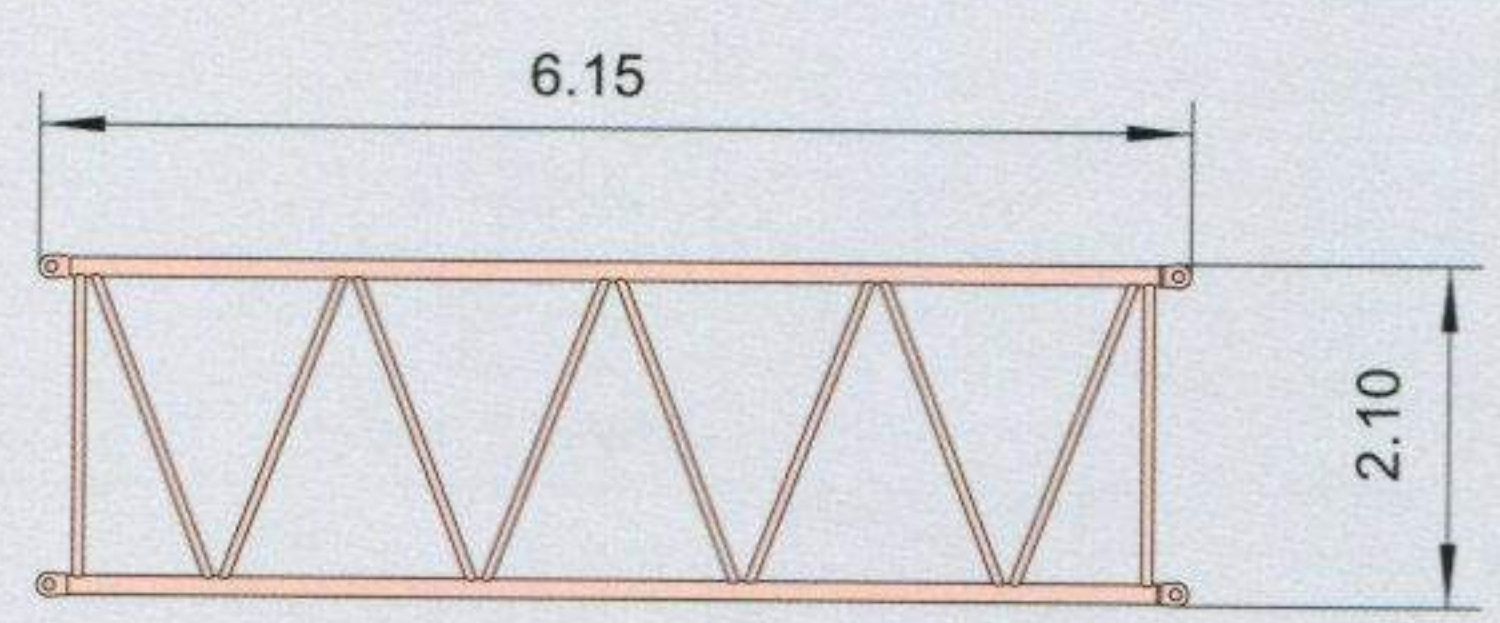
3m boom insert	× 1
Length	3.15m
Width	2.30m
Height	2.10m
Weight	620kg



# 主要零部件运输尺寸

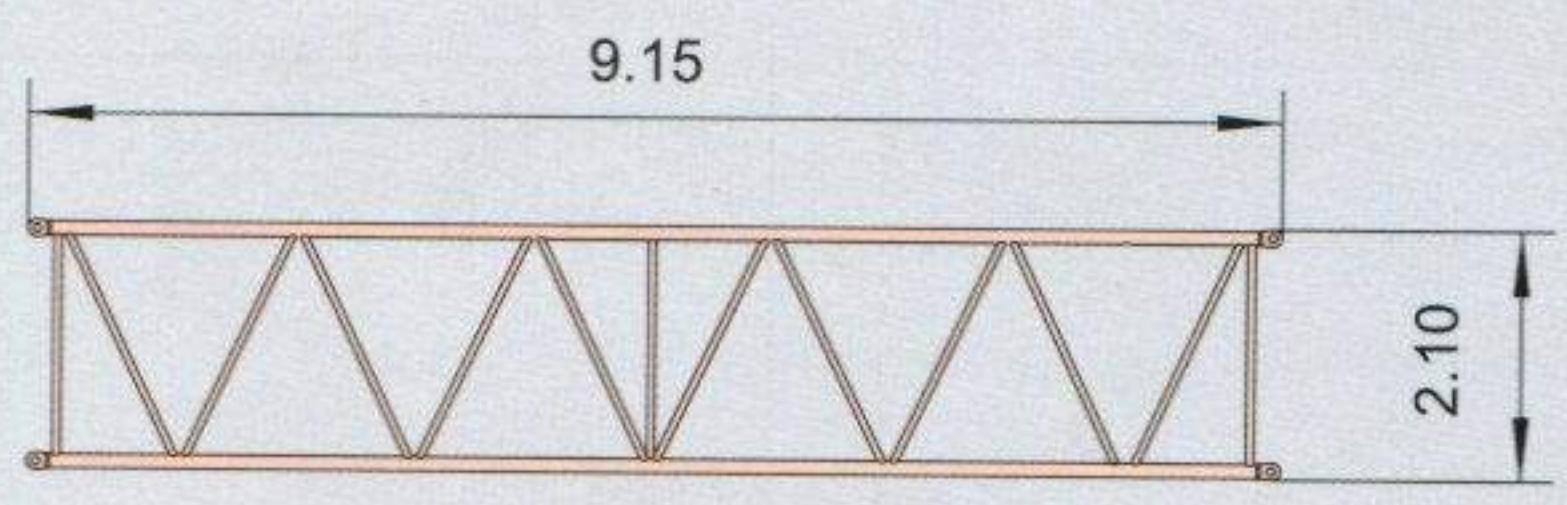
# Dimensions for Transportation

尺寸单位: m Unit: m



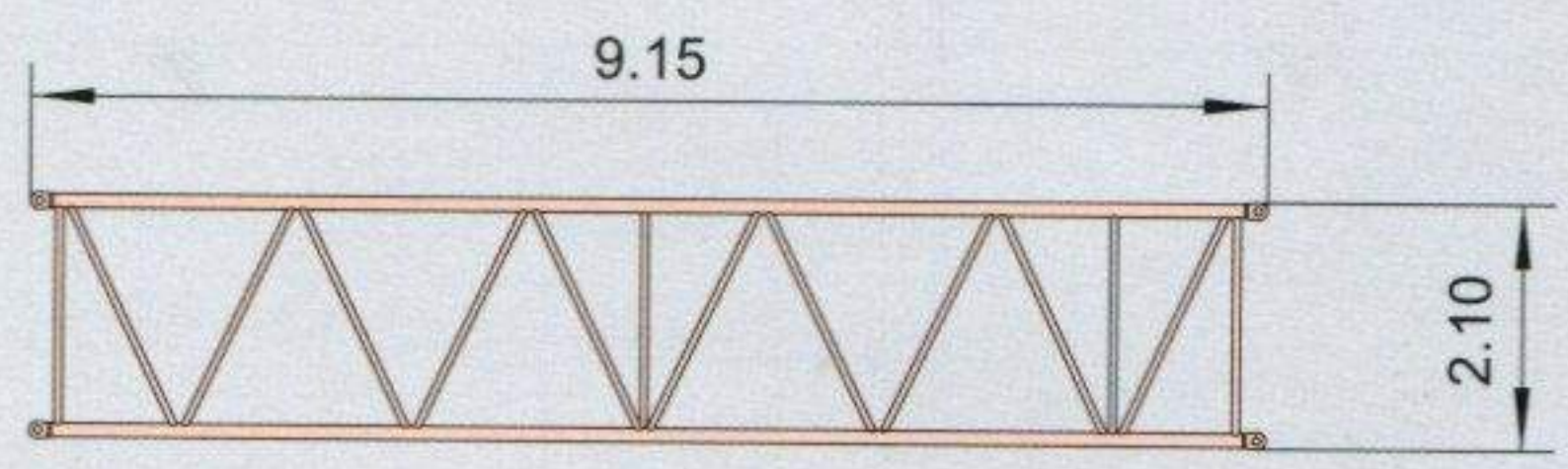
6米中间臂节	× 3
长	6.15m
宽	2.30m
高	2.10m
重量	960kg

6m boom insert	× 3
Length	6.15m
Width	2.30m
Height	2.10m
Weight	960kg



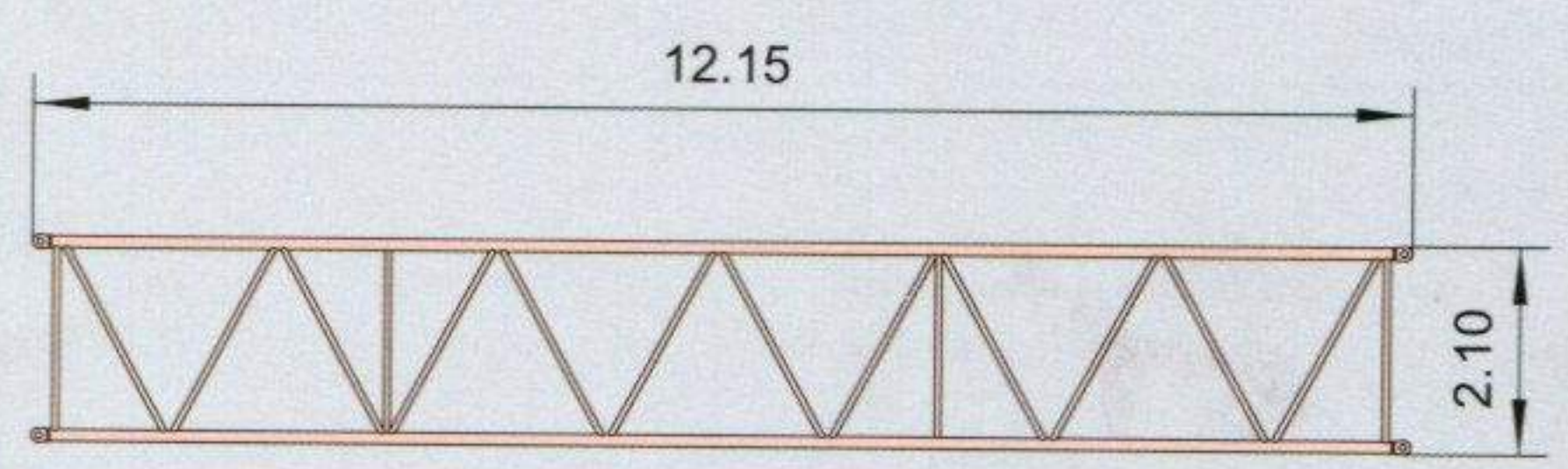
9米中间臂节(A)	× 1
长	9.15m
宽	2.30m
高	2.10m
重量	1320kg

9m boom insert (A)	× 1
Length	9.15m
Width	2.30m
Height	2.10m
Weight	1320kg



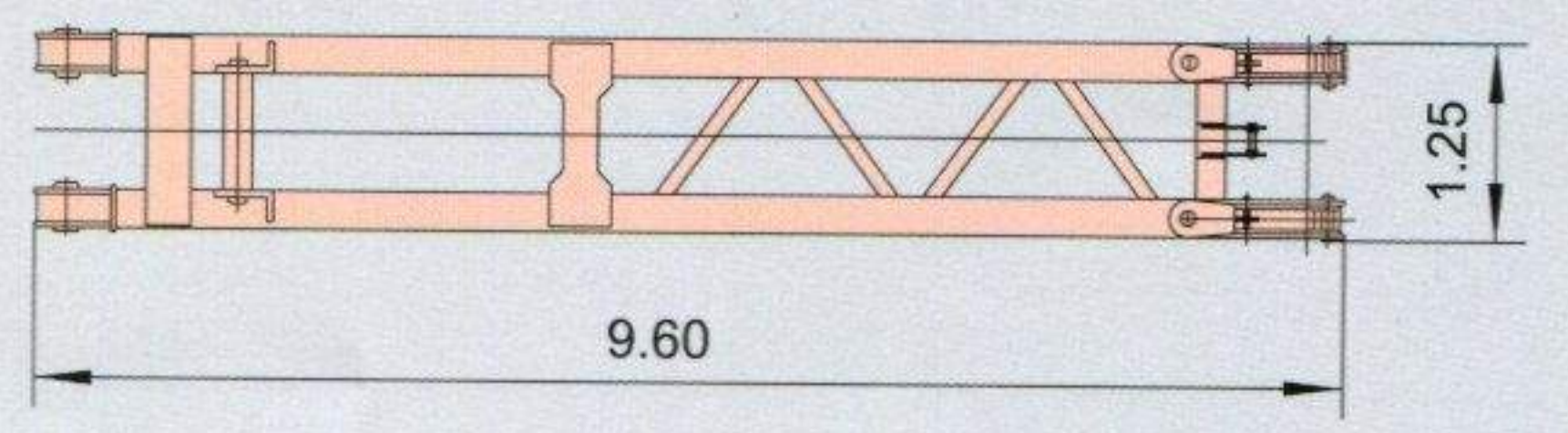
9米中间臂节(B)	× 1
长	9.15m
宽	2.30m
高	2.10m
重量	1380kg

9m boom insert (B)	× 1
Length	9.15m
Width	2.30m
Height	2.10m
Weight	1380kg



12米中间臂节	× 2
长	12.15m
宽	2.30m
高	2.10m
重量	1660kg

12m boom insert	× 2
Length	12.15m
Width	2.30m
Height	2.10m
Weight	1660kg



撑架	× 1
长	9.60m
宽	1.25m
高	0.80m
重量	1600kg

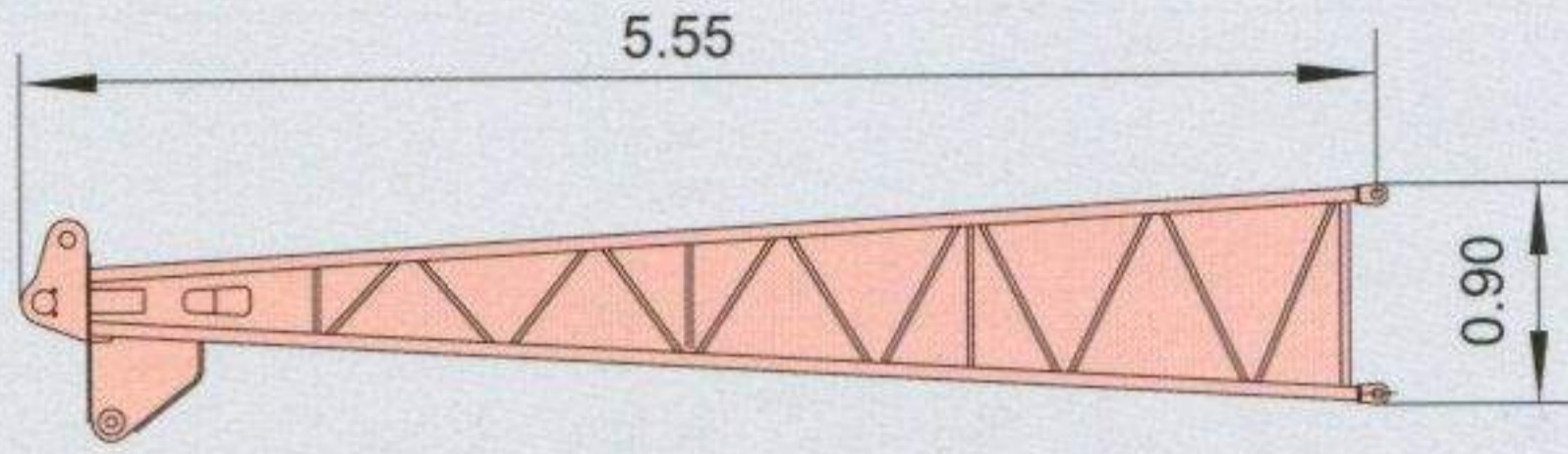
Support frame	× 1
Length	9.60m
Width	1.25m
Height	0.80m
Weight	1600kg



主要零部件运输尺寸

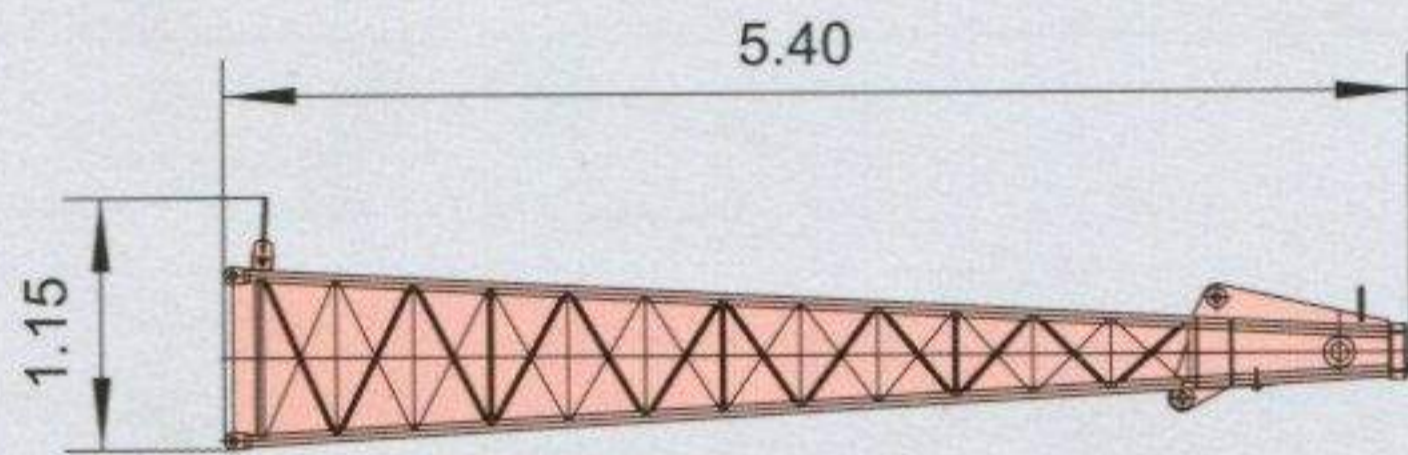
Dimensions for Transportation

尺寸单位: m Unit: m



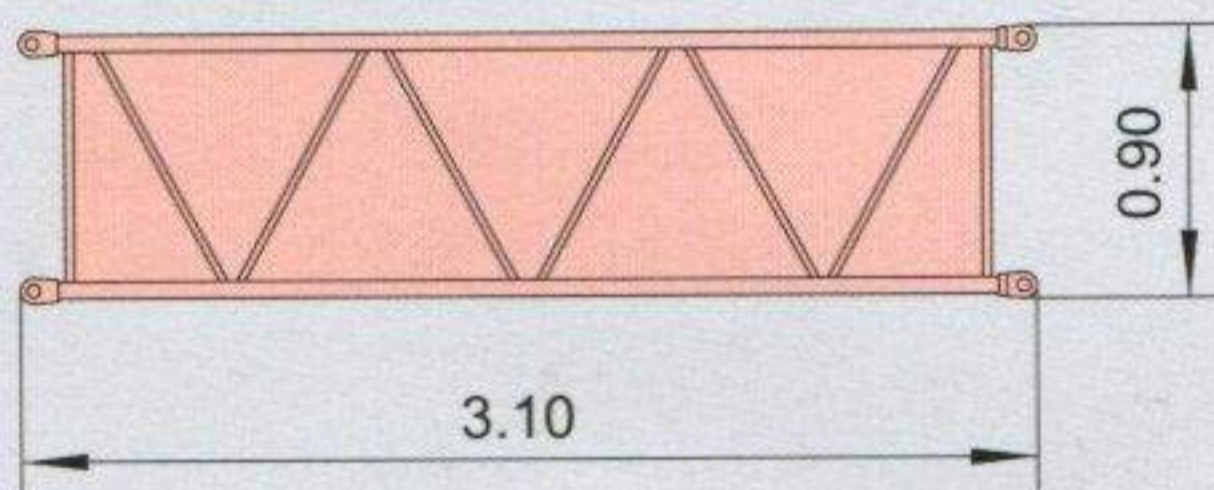
副臂基础臂节	× 1
长	5.55m
宽	1.05m
高	0.90m
重量	300kg

Fixed jib foot	× 1
Length	5.55m
Width	1.05m
Height	0.90m
Weight	300kg



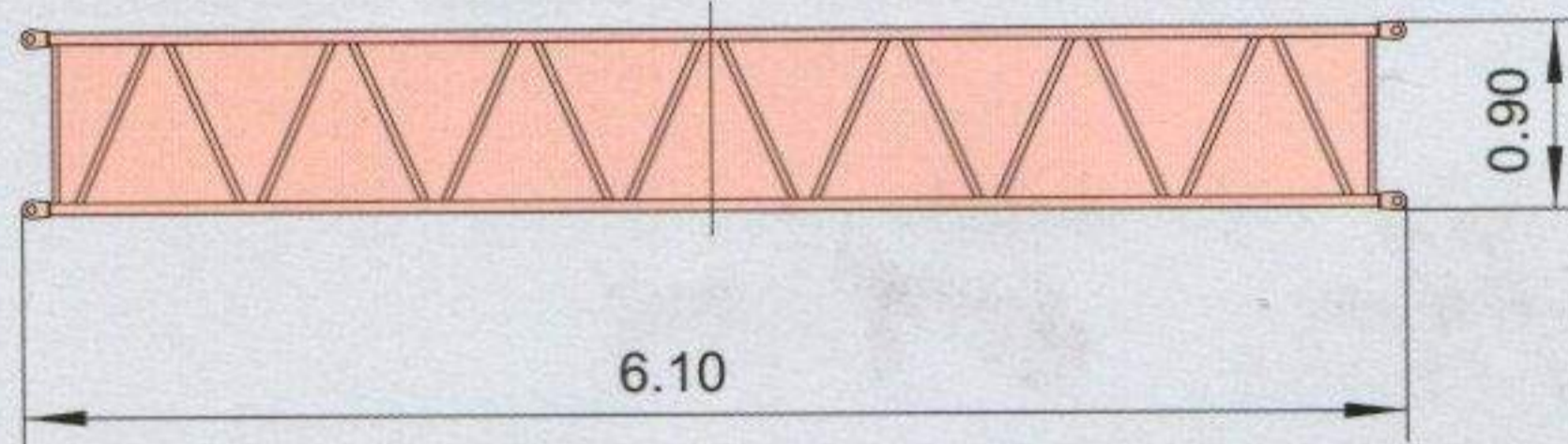
副臂顶部臂节	× 1
长	5.4m
宽	1.05m
高	1.15m
重量	320kg

Fixed jib top	× 1
Length	5.4m
Width	1.05m
Height	1.15m
Weight	320kg



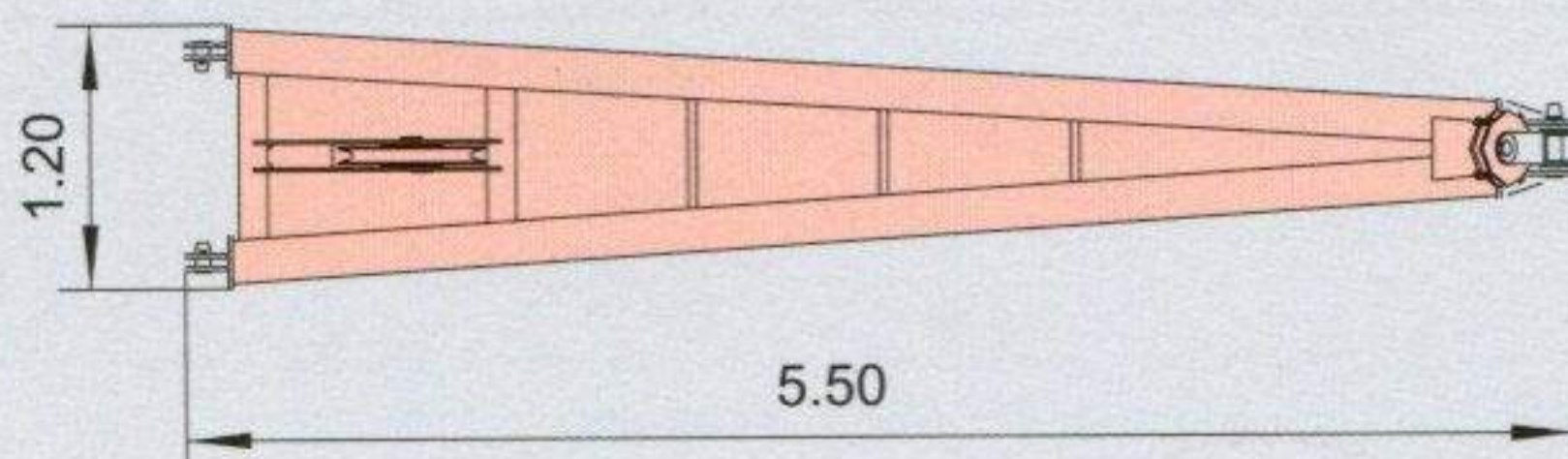
3米中间臂节	× 1
长	3.10m
宽	1.01m
高	0.83m
重量	110kg

3m jib insert	× 1
Length	3.10m
Width	1.01m
Height	0.83m
Weight	110kg



6米中间臂节	× 3
长	6.10m
宽	0.90m
高	0.9m
重量	250kg

6m jib insert	× 3
Length	6.10m
Width	0.90m
Height	0.9m
Weight	250kg



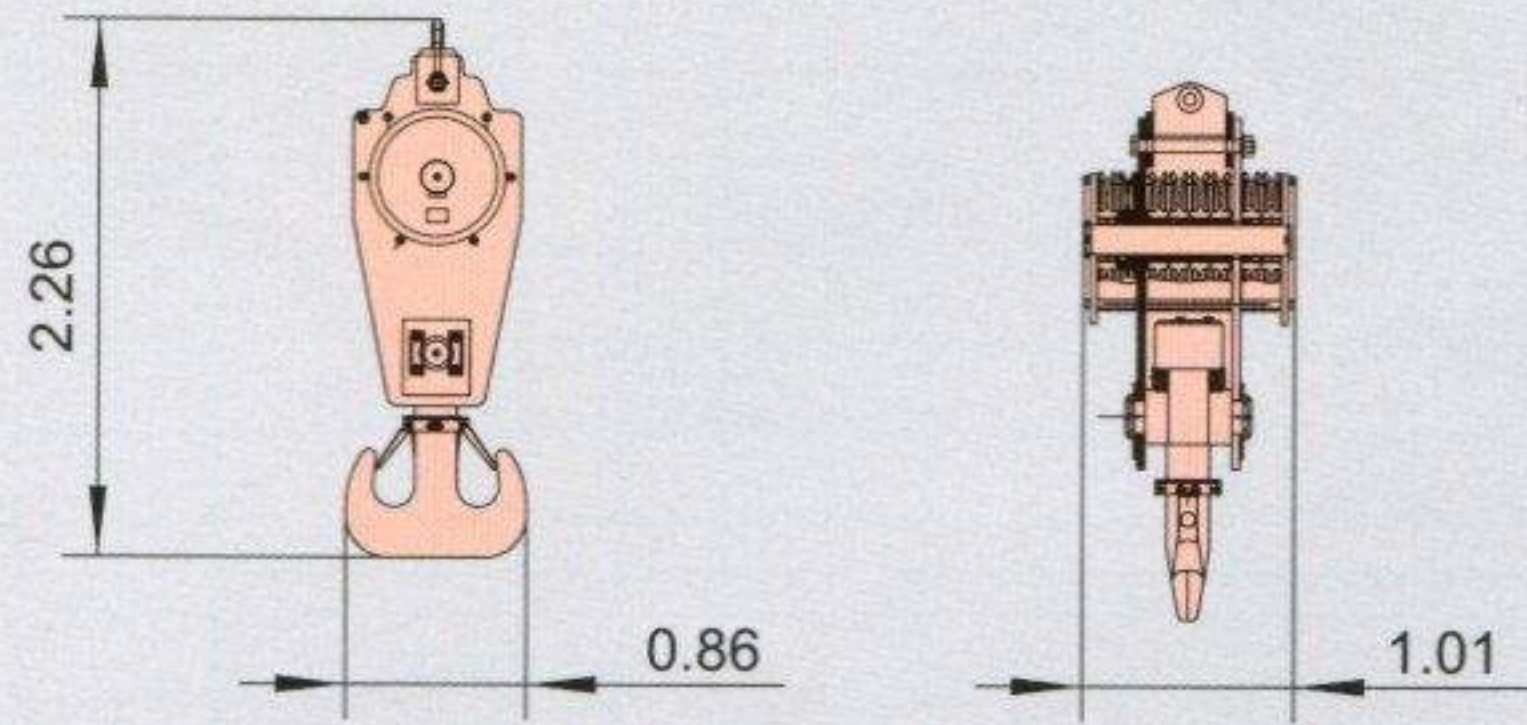
副臂撑架	× 1
长	5.50m
宽	0.60m
高	1.20m
重量	670kg

Jib mast	× 1
Length	5.50m
Width	0.60m
Height	1.20m
Weight	670kg

# 主要零部件运输尺寸

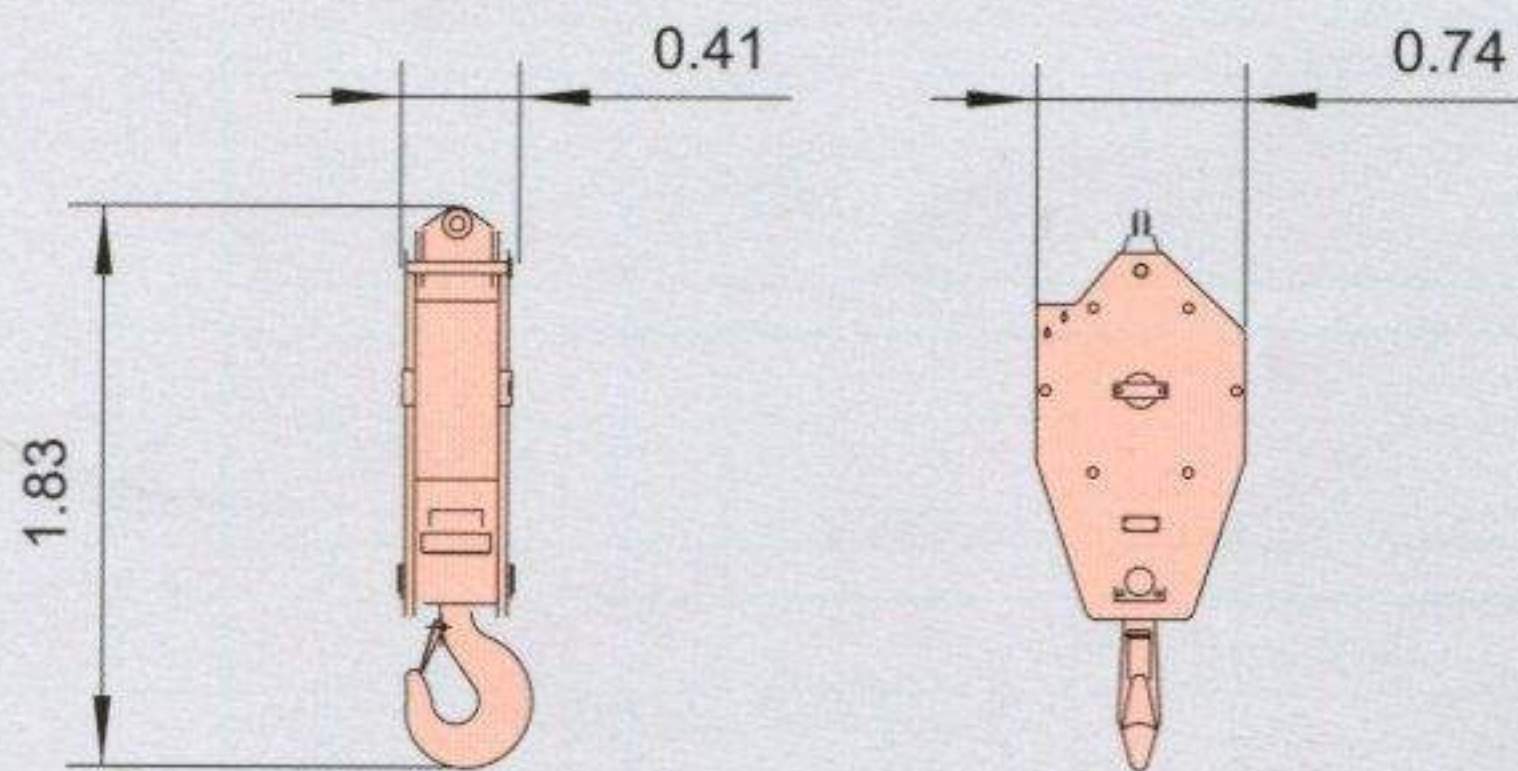
# Dimensions for Transportation

尺寸单位: m Unit: m



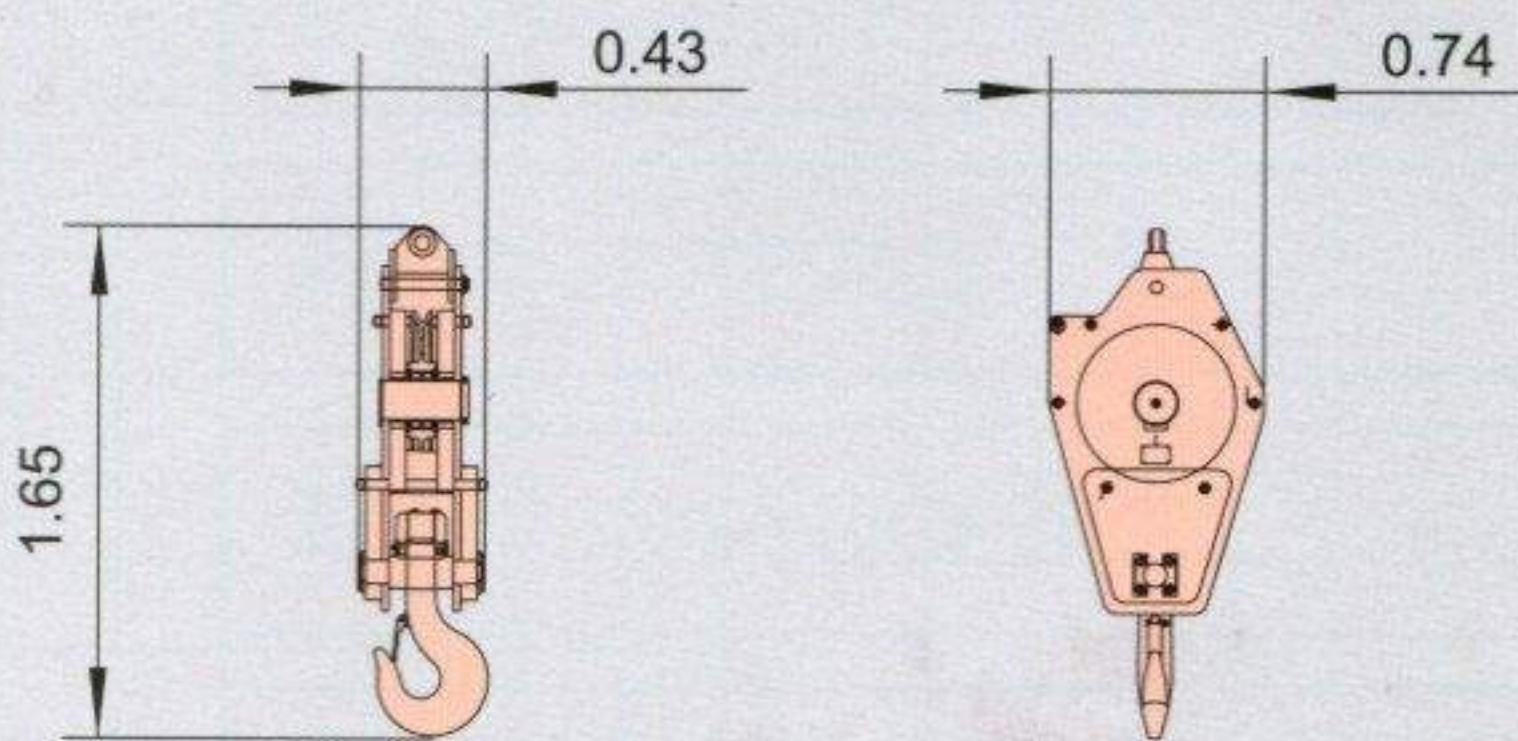
150吨吊钩	× 1
长	2.26m
宽	0.86m
高	1.01m
重量	3186kg

150t Hook block	× 1
Length	2.26m
Width	0.86m
Height	1.01m
Weight	3186kg



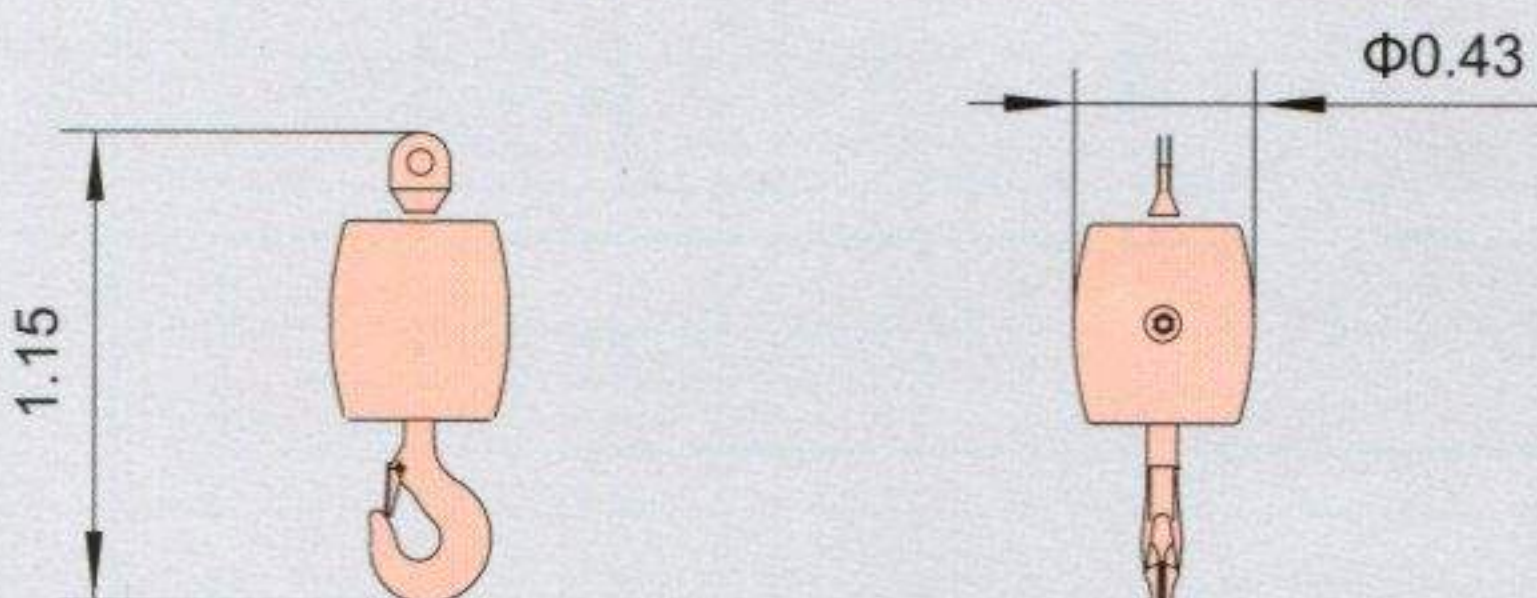
50吨吊钩	× 1
长	1.83m
宽	0.74m
高	0.41m
重量	829kg

50t Hook block	× 1
Length	1.83m
Width	0.74m
Height	0.41m
Weight	829kg



25吨吊钩	× 1
长	1.65m
宽	0.74m
高	0.43m
重量	857kg

25t Hook block	× 1
Length	1.65m
Width	0.74m
Height	0.43m
Weight	857kg



9吨吊钩	× 1
长	1.15m
宽	0.43m
高	0.43m
重量	246kg

9t Hook block	× 1
Length	1.15m
Width	0.43m
Height	0.43m
Weight	246kg



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技术参数如有更改恕不另行通知

Specifications may vary without prior notice

吊钩配置为全配置, 具体配置以订货合同为准。

The hook blocks in the catalogue are for your reference only.