

QUY35-I 履带起重机

QUY35-I
CRAWLER
CRANE

www.truckcrane.com.cn
QUY35- I CRAWLER CRANE

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.

Nanjing Construction Machinery Co.,Ltd.

Address:1708 Room 6# Building 399 Zhongyang Road Gulou District 210037,Nanjing,Jiangsu,China.

Tel:0086-25-83179757, 83179767, 83179167

Fax:0086-25-83179787

E-mail:sales@truckcrane.com.cn san.sen@truckcrane.com.cn

Chat on MSN:tractorchina@hotmail.com

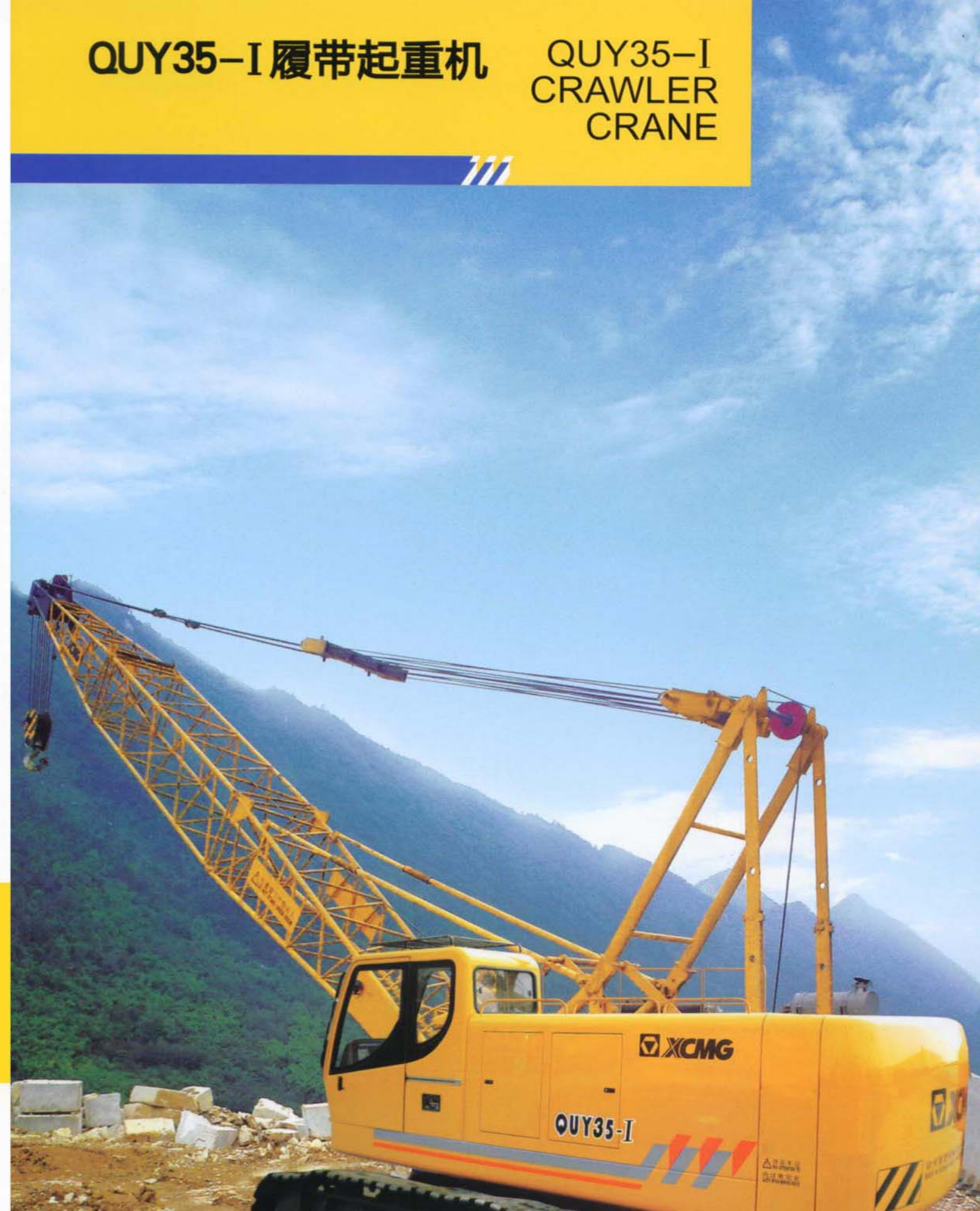
Service after-sold :

Tel:0086-25-83179717

E-mai:Service@truckcrane.com.cn

Http://www.truckcrane.com.cn

请垂询
CONTACT



目录 CONTENTS

整机基本尺寸/性能参数
Overall Dimension/Technical Specifications

主要零部件
Main Parts 1

详细介绍
Detailed Introduction 3

工作范围图
Diagram for Working Range 7

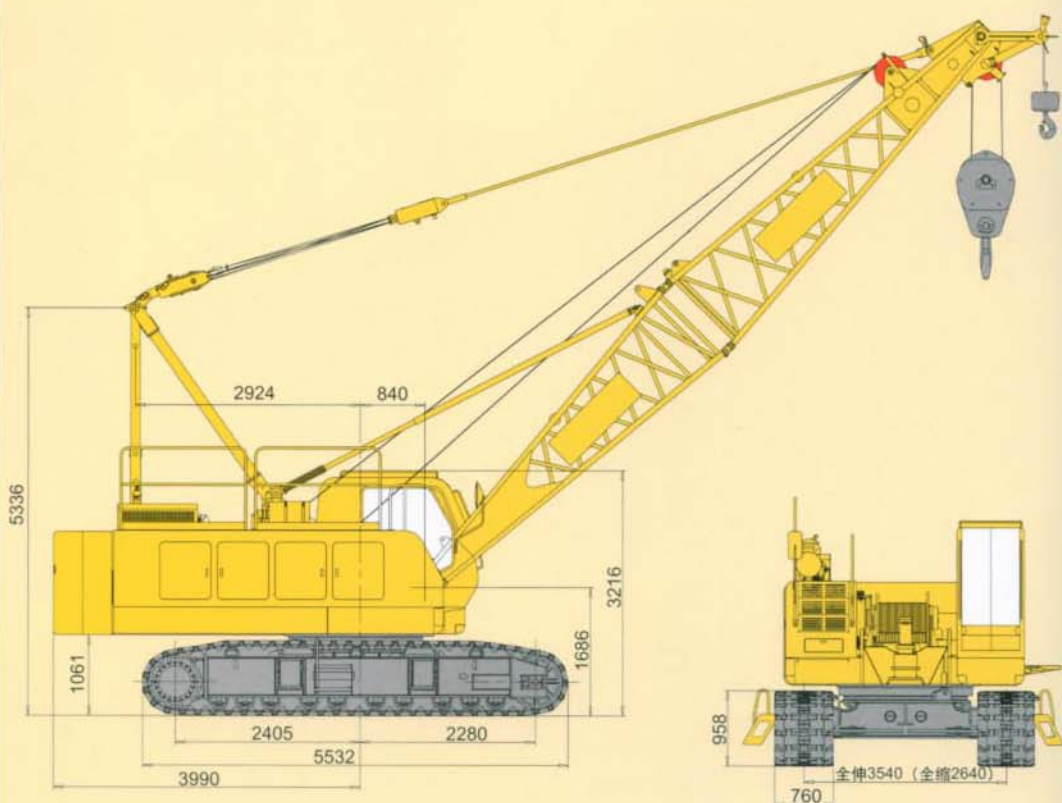
主臂臂节组合/主臂工况
Boom Combinations/Boom Working Condition 8

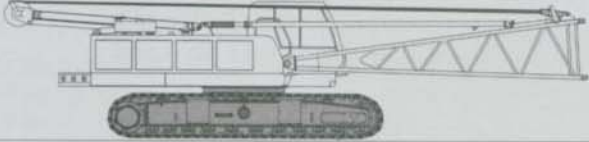





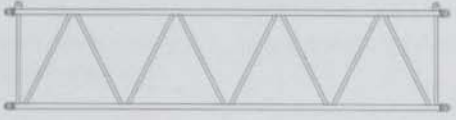
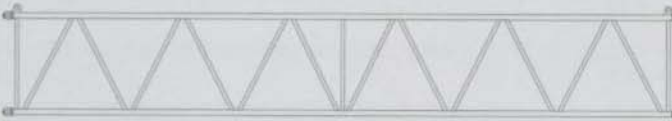
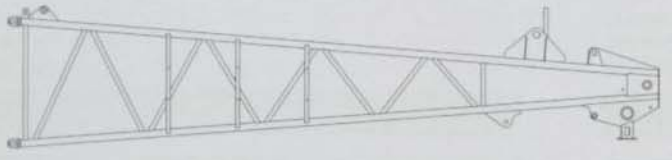

主臂工况载荷表
Boom Working Condition and Lifting Load Chart 9


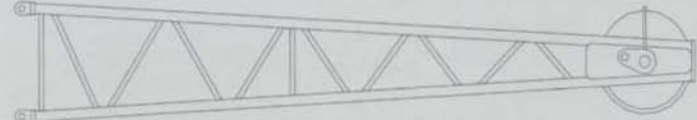
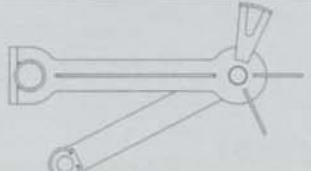
固定副臂臂节组合/副臂工况
Fixed Jib Combinations/Jib Working Condition10

固定副臂工况载荷表
Fixed Jib Working Condition and Lifting Load Chart11

项目 Items	单位 Unit	数值 Data
最大额定起重量 Max. rated lifting capacity	t	35
最大起重力矩 Max. load moment	t.m	140
主臂长度 Boom length	m	10~40
主臂变幅角度 Boom elevating angle	°	30~80
固定副臂长度 Fixed jib length	m	9.15~15.25
起升机构最大单绳速度 (空载、第四层) Winch mechanism max. single line speed (no load, at 4th layer)	m/min	120
主臂变幅机构最大单绳速度 (第一层) Boom elevating mechanism max. single line speed (at 1st layer)	m/min	57
最大回转速度 Max. slewing speed	r/min	2.0
最高行驶速度 Max. traveling speed	km/h	1.3
爬坡度 Grade ability	%	40
平均接地比压 Average ground pressure	MPa	0.061
发动机功率 Engine power	kW	158
整机质量(主吊钩、10米臂) Mass of the vehicle as a whole (including main hook block and 10m boom)	t	45
运输状态单件最大质量 Max. mass of single unit in travel configuration	t	30
运输状态单件最大尺寸 (长×宽×高) Max. dimension of single unit in travel configuration (L×W×H)	m	10×3.3×3.5



	主机 Main Unit	× 1
	长L	10000mm
	宽W	3300mm
	高H	3500mm
	重量Weight	30000kg
	35t吊钩 35t Hook block	× 1
	长L	1324mm
	宽W	540mm
	高H	530mm
	重量Weight	435kg
	5t吊钩 5t Hook block	× 1
	长L	439mm
	宽W	300mm
	高H	300mm
	重量Weight	115kg
	平衡重I Counterbalance I	× 1
	长L	3120mm
	宽W	365mm
	高H	1350mm
	重量Weight	6000kg
	平衡重II Counterbalance II	× 1
	长L	3120mm
	宽W	380mm
	高H	1350mm
	重量Weight	6000kg
	主臂3米节 3m Boom Insert	× 1
	长L	3000mm
	宽W	1400mm
	高H	1400mm
	重量Weight	262kg
	主臂6米节 6m Boom Insert	× 3
	长L	6000mm
	宽W	1400mm
	高H	1400mm
	重量Weight	460kg
	主臂9米节 9m Boom Insert	× 1
	长L	9000mm
	宽W	1400mm
	高H	1400mm
	重量Weight	683kg
	主臂顶节臂 Boom Top	× 1
	长L	5000mm
	宽W	1400mm
	高H	1400mm
	重量Weight	740kg
	固定副臂底节臂 Fixed Jib Butt	× 1
	长L	3165mm
	宽W	605mm
	高H	540mm
	重量Weight	124kg

	固定副臂中间节 Fixed Jib Insert	× 3
	长L	3120mm
	宽W	605mm
	高H	540mm
	固定副臂顶节臂 Fixed Jib Top	× 1
	长L	3350mm
	宽W	605mm
	高H	540mm
	臂端滑轮 Boom Single Top	× 1
	长L	1130mm
	宽W	650mm
	高H	500mm
	重量Weight	100kg

说明 Notes

- 以上零部件运输形状为示意图，所标尺寸为设计值，不包括包装。

The above part figures are only sketch maps, which are not drawn on actual sizes. The dimensions shown are design values and don't include package.

- 重量为设计值，由于制造误差，可能稍有不同。

The weight is design value, may have slight difference due to error in manufacture.

上车

发动机

采用上柴SC8DK-215直列6缸、水冷、增压中冷、电喷式发动机，额定功率158kW，额定转速1800rpm，最大输出扭矩823N.m(1400rpm)。该发动机符合国家III排放标准。

电气控制系统

电气控制系统由电源系统、发动机控制及状态检测系统和灯光信号及复制功能控制系统组成。

电源系统：上车配置2块蓄电池，与交流发电机并联构成上车的电源系统，提供24V直流电源。

发动机控制及状态监测：包括发动机的启动，发电机充电控制。配置仪表有发动机转速小时表，燃油表，水温表，油压表。设置水温过高报警指示灯，机油压力过低报警、诊断等指示灯。

灯光信号及辅助功能控制：包括工作灯，电喇叭，操纵室雨刮器，空调控制，散热器，符合国家相关标准的要求。

液压系统

采用先导、开式、恒功率变量泵系统，系统额定工作压力22MPa。液压系统有三部分组成：主回路系统，控制系统及辅助系统，性能稳定、可靠，机动性好。

起升机构

主卷标配快放卷扬，副卷不带快放。与转台采用螺栓连接。钢丝绳直径18毫米。

变幅机构

主臂变幅为独立驱动。主臂变幅机构采用内藏式减速机，片式常闭制动器。卷筒设有棘轮锁止装置，以实现机械制动，安全可靠。主臂变幅机构与转台采用螺栓连接，便于组装。驱动马达、平衡阀、变幅钢丝绳均为优质国产件。

回转机构

回转机构采用泰安福神公司优质产品，行星减速机具有可控自由滑转功能，与回转支承内啮合。

回转支承

回转支承采用罗特艾德的产品，为单排球结构，结构简单，承载能力大，质量稳定可靠。

上车配重

总重12t。

上车1号配重：6t，共1块；

上车2号配重：6t，共1块。

操纵室

操纵室采用大圆弧造型，宽敞舒适，视野开阔，可侧向转动和向后倾斜，装有全套操纵仪表和控制装置，配置具有除霜、新风功能的风道式冷暖空调和音响，可调节座椅，顶部装有安全防护栅栏，可有效挡住重物的冲击，具备从外部上锁，不用钥匙从内部打开等功能。驾驶室内部配置灭火器。新型操纵室为司机提供了更优越的工作环境。

Crane Superstructure

Engine

It is a 6-cylinder in-line, water cooled, supercharging intercooled and electric jet engine from Shanghai Diesel with rated output power of 158kW, rated speed of 1800 rpm and maximum output torque of 823N.m (1400 rpm). Its emission complies with the GB II standard.

Electric Control System

It consists of power supply system, engine control and state detect system, lighting signals and assistant functions control system.

Power supply system: two batteries parallel connected with the alternator to supply 24V direct current power supply for the superstructure.

Engine control and state detect system: it includes engine start and generator charging control. Equipped instruments include tachometer, fuel gauge, water-temperature gauge, oil pressure gauge, warning lamp for too high water temperature, warning lamps for too low engine oil temperature, diagnosis and so on.

Lighting signals and assistant functions control system: includes working lamps, horns, wiper for operator's cab, air conditioner, radiator, etc.

Hydraulic System

The main hydraulic system of QUY35 crawler crane takes pilot, open type constant power variable displacement pump system with 22MPa rated system pressure. The hydraulic system consists of three parts—main oil-return system, control system and assistant system, with stable, reliable performance and good inching ability.

Winch System

Main winch has fast release device but auxiliary winch doesn't have. Main/auxiliary winch and turntable are connected by pin shaft, easy for assembly. The wire rope diameter is 18mm.

Elevating System

Boom elevating is driven separately and has built-in speed reducer and disc-type constant closed brake; winch drum has a ratchet locking device to realize safely and reliably mechanical braking. Boom elevating system connects with the turntable by pin shafts, which makes assembly easily. Drive motor and elevating wire rope are all advanced domestic products.

Slewing System

Slewing system is advanced domestic product. The planetary reducer is internal meshed with slewing ring and has the function of controllable free sliding.

Slewing Bearing

It is a single roller type slewing bearing made by Rothe Erde, with stable and reliable quality.

Counterweight

Overall weight: 12t

Superstructure Counterweight 1: 6t, 1slab

Superstructure Counterweight 2: 6t, 1 slab

Operator's Cabin

Operator's cabin takes big arc structure, spacious, comfortable and wide-field. It can turn laterally and incline rearward. Equipped with full set of operating instruments and control devices, adjustable seat, air-conditioner and heater (selected), CD player, fire extinguisher and so on; the cabin's top is equipped with safety fence to hold up the impact from heavy objects. So the new type operator's cab provides the operator with better working environment.

Brief Introduction

转台

转台是联系上下车的关键承载结构件，采用复合箱形结构。转台通过回转支承与下车进行联接。操纵室、起升机构、变幅机构、发动机、人字架、桅杆、臂架及配重等分别与转台在不同部位进行联接。

下车

下车包括车架、履带架、行走机构。车架和履带架采用插入式连接。

车架

车架采用箱形结构，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。

履带架

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。两个履带架对称布置，装有宽度为0.76m的履带板。

行走机构

行走机构采用泰安福神内藏式行星齿轮减速机，液压释放片式制动器。

行走速度

行走采用液压比例先导控制，可以实现无级变速，最高速度1.3公里/小时。行走时，设备运行平稳。

作业设备

起重臂包括主臂、固定副臂。臂架结构型式均为中间等截面，两端变截面的四弦杆桁架结构。主弦杆、腹杆采用国产优质管材，提高了臂架抗弯曲的能力。

主臂

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。主臂配置臂端单滑轮机构，主臂长度为10~40m。

组成：底节臂5m、中间节臂3m×1、中间节臂6m×3、中间节臂9m×1、顶节臂5m。

固定副臂

固定副臂为中间等截面、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。

固定副臂可在主臂长25~34米范围内进行作业，其作业长度为9.15~15.25m，含10°及30°两种安装角。

组成：底节臂3.05m、中间节臂3.05m×3、顶节臂3.05m。

Turntable

Turntable is a key load bearing structural part for linking crane superstructure with crane carrier. Turntable is a mixed structure of box type and single web plate, with good overall stability. It connects with the carrier through slewing bearing. Operator's cabin, winch system, elevating system, engine, gantry, mast, boom and counterweight etc. respectively connect with the turntable at different positions.

Crane Carrier

Crane carrier comprises car-body, track frame, and propel unit. Car-body and track frame take insert-type connection.

Car-body

Car-body uses high strength steel box-shape structure. With cross panel installed in the middle to strengthen its stiffness against torsion, it features simple structure, high loading capacity and well rigidity.

Track Frame

Track frame consists of track beam, drive sprocket, idler wheel, upper roller, lower roller and track. Crawler beam is box-shape structure. Its connection position with frame is strengthened partially, and cross panel is installed in the middle of it. Two track frames are symmetrically arranged, with track shoes of 0.76m width.

Propel Unit

Propel unit takes planetary reducer and hydraulic release disc brake from well-known domestic brand—Taian Fu Shen.

Traveling Speed

Hydraulic proportional pilot control can realize infinite variable speed whose maximum value is 1.3 km/h. When traveling, the vehicle can run stably and realize fast traveling.

Lifting Parts

Lifting boom comprises main boom and fixed jib, both of which are lattice structure of four tubular chords with intermediate equal section and two end variable section, wherein main boom chord and web rod use domestic high quality tube, which improves the ability of anti-torsion resistance.

Boom

Main boom is lattice structure of intermediate equal section and two end variable section and welded by steel tubes. Boom top and boom foot are reinforced by steel plates for load transfer and boom is equipped with single top, boom length: 10m~40m.

Construction: boom butt 5m, boom insert 3m×1, boom insert 6m×3, boom insert 9m×1, boom top 5m.

Fixed Jib

Fixed jib is lattice structure of intermediate equal section and two end variable section and welded by steel tubes. Jib top and jib foot are reinforced by steel plates for load transfer.

Fixed jib can be operated within the range of boom length 25~34m, and lifting operation length is 9.15~15.25m, with two offset angle of 10° and 30°.

Fixed jib is connected with boom by supporting strut and front and rear guy cables, and reach its working radius with raising and lowering of boom elevating system.

Construction: jib butt 3.05m, jib insert 3.05m×3, jib top 3.05m.

Brief Introduction

人字架

人字架的前足采用箱形双肢结构，后足为可折叠的拉板结构，运输时可将人字架放倒，以减少运输体积。

吊钩

标准配置：35t吊钩、5t吊钩

安全装置

安全装置包括力矩限制器、转台回转锁销装置、起重臂防后翻装置、起升高度限位装置、主副卷扬防过放、过卷装置、力矩报警灯、风速仪、水平仪、液压系统的溢流阀、平衡阀、双向液压锁等。

力矩限制器

由拉力、角度检测传感器等组成，能对起重机的工况进行监测，主要功能为：系统的故障检测与诊断、力矩参数的实时检测及性能表查询。

起重臂防后翻装置

主起重臂仰角在80°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。

主卷扬防过卷装置

当主卷扬上升到一定高度的时候，仪表盘上的安全警报进行声光报警，同时力矩限制器停止起升动作。

副卷扬防过放、过卷装置

当安装在卷筒内部的接近开关检测到卷筒上的钢丝绳只剩下三卷时候，仪表盘上的指示灯亮，同时自动停止卷扬落动作。

当副卷扬上升到一定高度时候，仪表盘上的过卷保护指示灯亮，并且仪表盘上的安全警报进行声光报警，同时力矩限制器停止起升动作。

三色力矩报警灯

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

水平仪

用于调整车的重心。

Gantry

Gantry is one of the important structural parts, its front part is box-type structure of twin tubular chord, and the rear part is folded pendant.

Hook Block

Standard configuration: 35t capacity hook block, 5t capacity hook block

Safety Devices

Safety devices comprise: load moment limiter, turntable lock pin, boom backstop, height limiter, anemometer, level gauge, hydraulic overflow valve, balance valve, two-way hydraulic lock, etc.

Load Moment Limiter

It consists of tension, angle detection sensors, can automatically detect the crane working condition.

Its main functions include: detect and diagnose the system trouble, real time detect the LMI (load moment indicator) parameters and inquire about the performance table.

Boom backstop device

When boom angle is more than 80°, load moment limiter and travel switch will stop boom rising. When boom angle is less than 30°, load moment limiter will stop boom lowering.

Main Winch Over-Wind Protection Device

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

Auxiliary Winch Over-Release and Over-Wind Protection Devices

When access switch in winch drum detects only three turns of wire rope left on the drum, the warning lamp on instrument panel lights on, at the same time, load moment limiter stops falling operation.

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

LMI Tricolor Warning Lamp

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

Level Gauge

Adjust the whole vehicle's center of gravity.

棘爪锁止装置

该功能用于锁定变幅卷扬，起重臂降落的时候Jib butt 3.05m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。

急停开关

此开关在紧急情况下可停止整车动力输出，保证起重机安全。

声光报警器

在履带起重机做回转动作的时候灯闪烁并且发出声音报警。

照明灯

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。

示高灯

安装在臂架顶部，作为高空警示。

Winch Ratchet Locking Device

The ratchet locking device is used to lock the elevating winch. It must be turned on when lowering boom, otherwise boom cannot be lowered. The device is used to protect the boom when crane is not working.

Emergency stop switch

This switch can stop the power output of the whole machine in an emergency situation to ensure crane's safety.

Audio/Video Warning

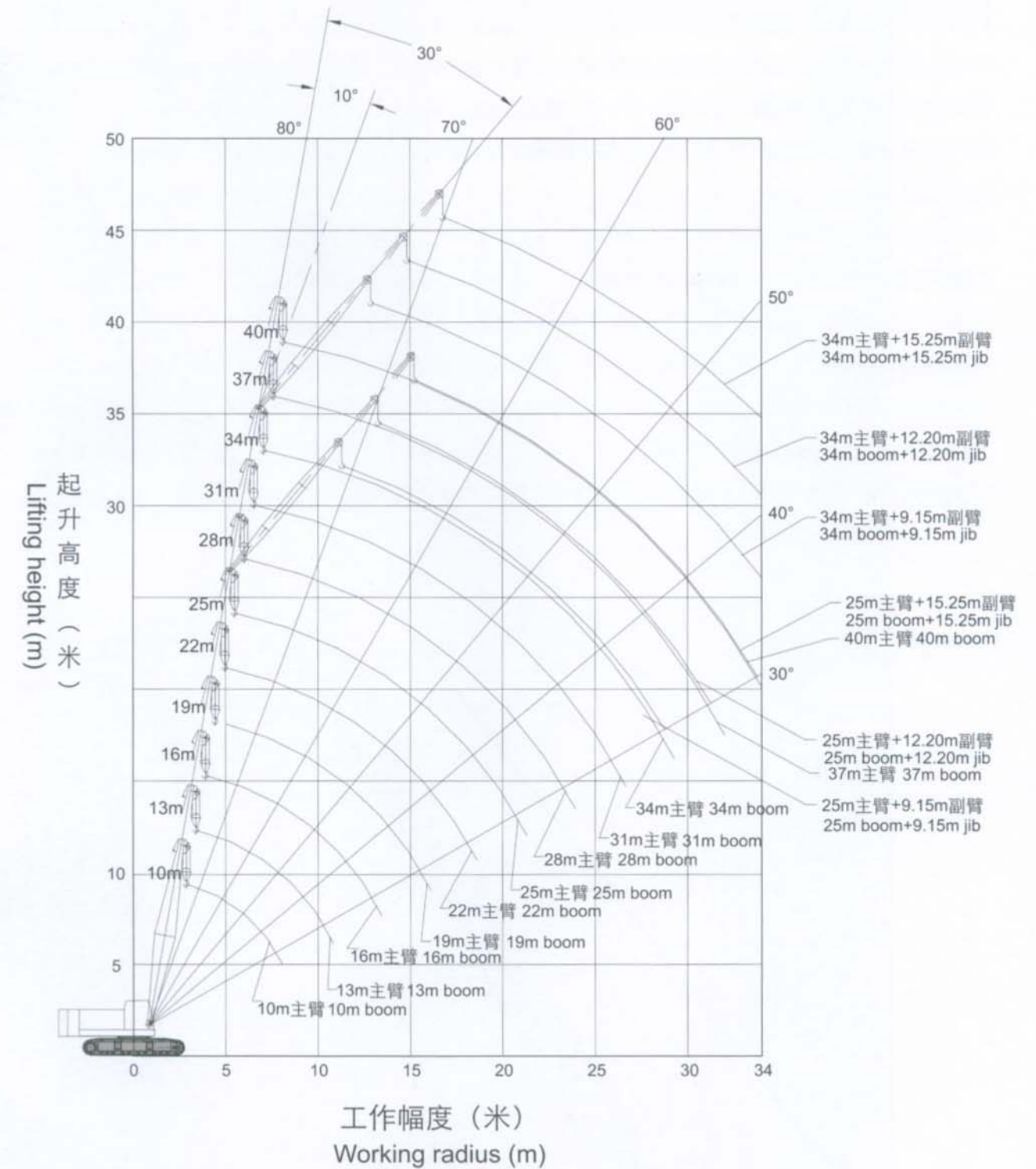
When crawler crane is moving and slewing, there is light and sound for warning.

Illumination Lamp

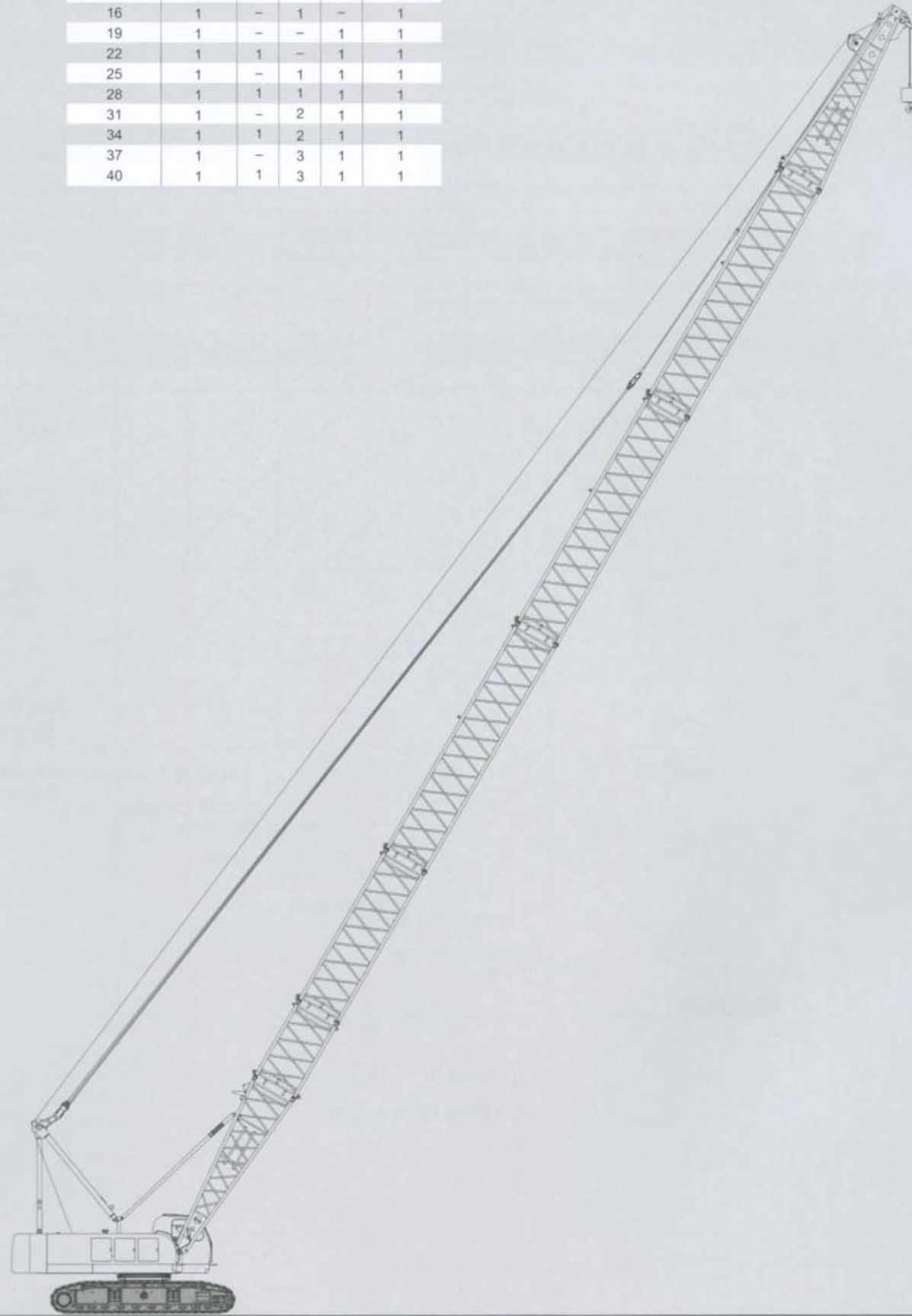
There are illumination lamps at the front of turntable, on boom and inside operator's cabin for night operation.

Height Mark Lamp

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



臂长 Boom length (m)	底节臂 Boom butt 5m	中间臂节 Boom insert			顶节臂 Boom top 5m
		3m	6m	9m	
10	1	-	-	-	1
13	1	1	-	-	1
16	1	-	1	-	1
19	1	-	-	1	1
22	1	1	-	1	1
25	1	-	1	1	1
28	1	1	1	1	1
31	1	-	2	1	1
34	1	1	1	1	1
37	1	-	3	1	1
40	1	1	3	1	1



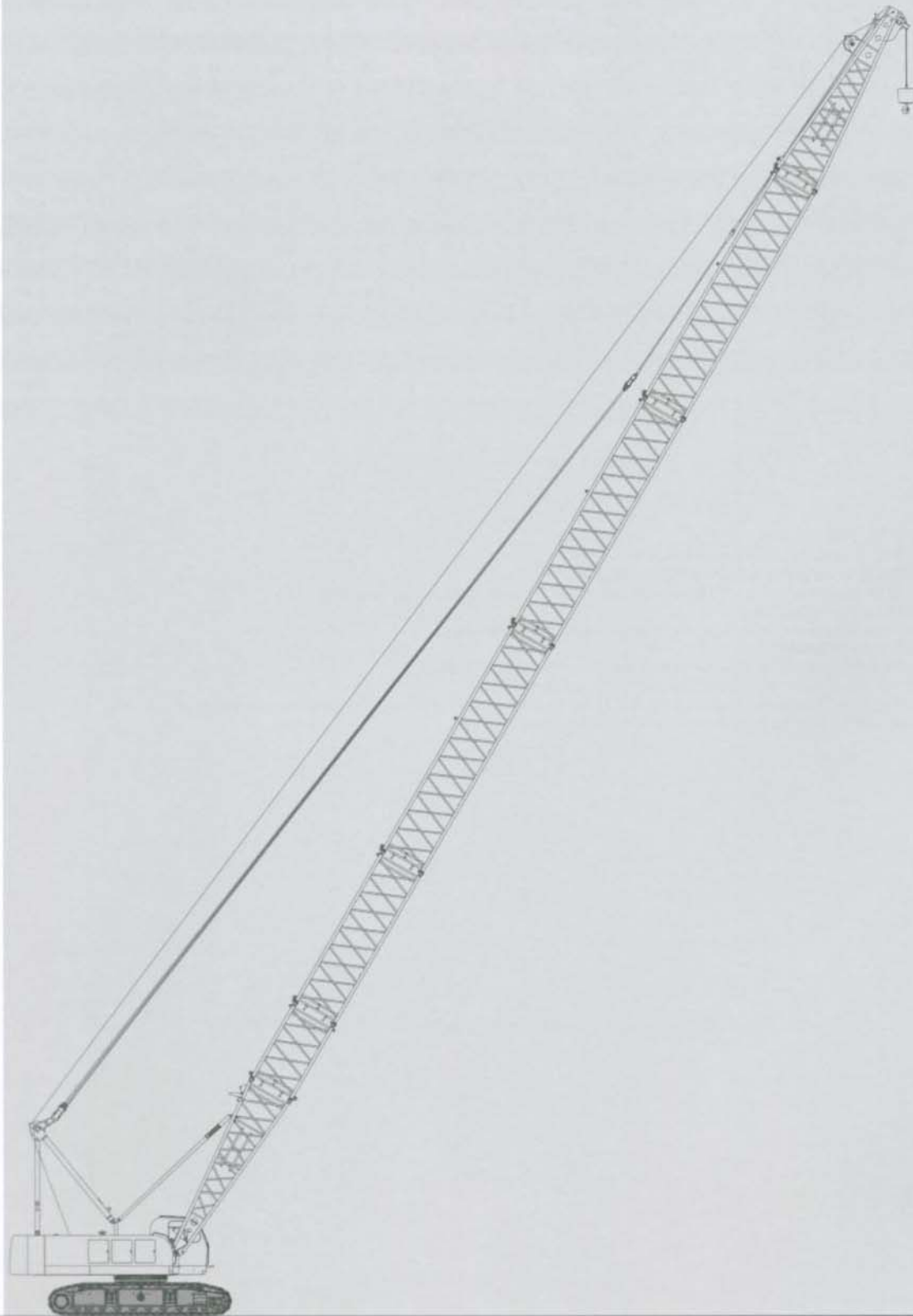
幅度 Radius (m)	臂长 Boom length(m)											
	10	13	16	19	22	25	28	31	34	37	40	
3.0	35.00											
3.5	35.00	35/3.6										
4.0	35.00	34.50	34.00									
4.5	31.00	30.50	30.00	29.50								
5.0	26.40	25.50	24.70	23.90	23.10							
6.0	21.80	21.50	21.00	20.40	19.80	19.20						
7.0	17.60	17.60	17.20	16.70	16.30	15.90	15.40	15.00	14.60			
8.0	14.60	14.50	14.40	14.20	13.70	13.50	13.10	12.60	12.40	11.60		
9.0	12.40	12.30	12.20	12.10	11.50	11.30	11.10	11.00	10.60	10.30	9.90	
10.0		10.30	10.20	10.00	9.80	9.60	9.50	9.40	9.00	8.80	8.50	
12.0		8.40	8.30	8.20	8.00	7.90	7.80	7.60	7.30	7.20	6.90	
14.0			6.90	6.80	6.60	6.60	6.50	6.20	6.10	5.80	5.50	
16.0				5.70	5.50	5.50	5.40	5.30	5.00	4.90	4.60	
18.0				5.3/17	4.70	4.60	4.60	4.40	4.30	4.00	3.90	
20.0					4.00	3.90	3.90	3.80	3.60	3.50	3.20	
22.0						3.30	3.30	3.20	3.10	2.90	2.80	
24.0							2.80	2.80	2.70	2.50	2.40	
26.0								2.40	2.30	2.10	2.00	
28.0									2.00	1.80	1.70	
30.0									1.70	1.60	1.40	
32.0										1.30	1.20	
34.0										1.20	1.00	

注意 Note:

表中所示起重量的单位为吨
 The unit of the lifting capacity shown in the table is t.
 起重作业前必须扩张履带、履带起重机应在平坦坚实的地面上作业
 The crawlers must be expanded before working and the crane must be set on level and firm ground.
 表中所示起重量包括吊具和附件的重量
 The lifting capacity shown in the table includes the weight of hook blocks and slings.
 表中所示起重量均不超过倾翻载荷的75%
 The lifting capacity shown in the table does not exceed the 72% of the tipping loads.
 头部装有副臂时，起重量应减去2.5吨；头部装有单滑轮时，起重量应减去0.5吨
 The lifting capacity shown in the table should subtract 2.5t if jib is installed on the boom head; the lifting capacity shown in the table should subtract 0.5t if single top is installed on the boom head.

Fixed Jib Combinations/Jib Working Condition

臂长 Boom length (m)	底节臂3.05m Jib butt3.05m	中间臂节3.05m Jib insert 3.05m	顶节臂3.05m Jib top 3.05m
9.15	1	1	1
12.2	1	2	1
15.25	1	3	1



Fixed Jib Working Condition and Lifting Load Chart

主臂长度 Boom length (m)	主臂25米 Boom length 25m						主臂28米 Boom length 28m							
	9.15		12.20		15.25		9.15		12.20		15.25			
副臂长度 Jib length (m)	副臂安装角Jib angle [°]													
	10	30	10	30	10	30	10	30	10	30	10	30		
9	9.8m ×5.0t						9.8m ×5.0t							
10	5.00		10.9m ×4.4t				5.00		10.4m ×5.0t					
11	5.00		4.40				5.00		5.00		11.6m ×4.3t			
12	5.00	12.5m ×5.0t	4.40		12.1m ×4.4t		5.00	12.5m ×5.0t	5.00		4.30		12.7m ×3.5t	
13	5.00	5.00	4.40		3.50		5.00	5.00	13.8m ×5.0t	13.1m ×5.0t	4.30		3.50	
14	5.00	4.85	4.40	14.5m ×4.3t	3.50		5.00	4.85	4.90	4.90	4.30	15.1m ×4.0	3.50	
16	4.40	4.50	4.40	4.30	3.50	16.6m ×3.2t	4.40	4.50	4.35	4.40	4.30	4.00	16.8m ×3.5t	17.2m ×3.2t
18	3.80	4.00	3.90	3.90	3.45	3.20	3.80	4.00	3.70	3.85	3.75	3.80	3.35	3.20
20	3.20	3.40	3.30	3.35	3.05	21m ×3.05t	3.20	3.40	3.15	3.20	2.15	3.30	3.25	3.20
22	2.80	2.95	2.90	2.95	2.65	2.80	2.85	2.95	2.80	2.85	2.75	2.85	2.80	2.905
24									2.30	2.35	2.30	2.40	2.40	2.50

Fixed Jib Working Condition and Lifting Load Chart

主臂长度 Boom length (m)	主臂31米 Boom length 31m						主臂34米 Boom length 34m					
	9.15		12.20		15.25		9.15		12.20		15.25	
副臂长度 Jib length (m)												
幅度 Radius (m)	副臂安装角Jib angle (°)											
	10	30	10	30	10	30	10	30	10	30	10	30
9												
10												
11	11.0m×5.0t											
12	5.00		12.2m×4.4t						12.8m×4.4t			
13	13.7m×5.0t	13.7m×5.0t	4.40			13.3m×3.5t		4.50		4.40		3.20
14	5.00	14.3m×5.0t	4.40	15.8m×4.0t	3.50			4.50	14.4m×4.5t	4.40		3.20
16	4.40	4.45	4.20	4.00	3.50	16.8m×3.2t	4.40	4.40	4.30	16.4m×4.0t	3.20	
18	3.60	3.65	3.60	3.65	3.50	3.20	3.50	3.45	3.45	3.65	3.20	
20	3.10	3.15	3.10	3.15	3.00	3.05	3.15	3.20	3.10	3.20	3.00	3.10
22	2.70	2.75	2.70	2.75	2.70	2.80	2.75	2.85	2.70	2.80	2.50	2.55
24	2.40	2.45	2.30	2.35	2.35	2.40	2.40	2.45	2.30	2.40	2.20	2.25
26	2.10	2.15	2.00	2.05	2.00	2.10	2.20	2.25	2.00	2.10	1.90	1.95
28							2.00	2.00	1.45	1.60	1.45	1.50
30							1.80	1.80	1.20	1.35	1.15	1.20

Notes on Lifting Load Chart:

- The total rated lifting loads shown in above tables are the max. lifting capacity based on the condition that crane set up on firm and level ground with given boom length, radius and load, crane operator shall limit or reduce lifting loads according to variable working conditions (soft or uneven ground, wind, side loading, slewing action, lifting with one more cranes).
- The total rated lifting loads include the weight of hook block, wire rope and other slings.
- The blank area in above tables means crane operation is not allowed corresponding to these areas.
- The total rated lifting loads are the lifting capacity for the crane with superstructure counterweight and carrier counterweight.
- Boom can be equipped with a boom tip single sheave, which lifting load is the total rated lifting loads in above table decrease the weight of single sheave, 12t capacity hook block and slings.
- The max. rated lifting load for single top is 12t (include the weight of hook block, slings and hoist wire rope), if rated lifting load in above tables is less than 12t, load lifting is according to the table.

Nanjing Construction Machinery Co.,Ltd.

Address:1708 Room 6# Building 399 Zhongyang Road Gulou District 210037,Nanjing,
Jiangsu Province of China.

Tel:0086-25-83179757, 83179767, 83179167

Fax:0086-25-83179787

E-mail:sales@truckcrane.com.cn san.sen@truckcrane.com.cn

Chat on MSN:tractorchina@hotmail.com

Service after-sold :

Tel:0086-25-83179717

E-mai:Service@truckcrane.com.cn

Http://www.truckcrane.com.cn