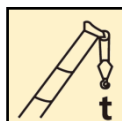


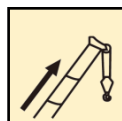
QY85KH汽车起重机 / Truck Crane

技术规格书

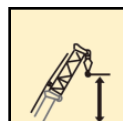
Technical specifications



85 t



50.5 m



65 m



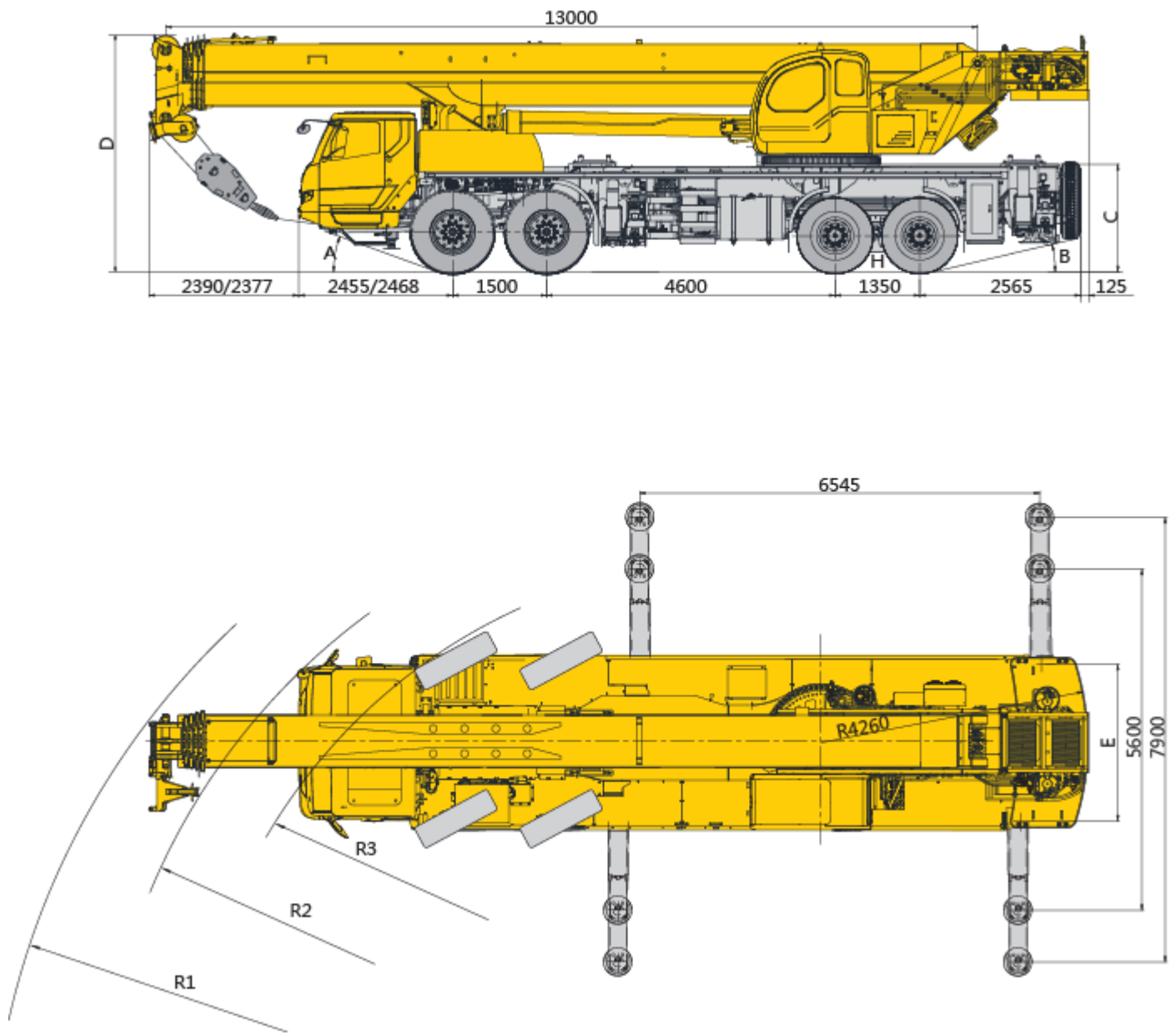
产品特征号：B

Product feature code: B

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尺寸参数
Dimensions



	A	B	C	D	E	R1	R2	R3	H
385/95 R25 12.00R24/325/95R24	20°	13°	1715	3790	2800	15200	13500	12000	373

备注：当配置齐星驾驶室时，前伸:2377mm，前悬为2468mm；当配置徐工汽车驾驶室时，前伸:2390mm，前悬为2455mm。
Remark: Front extension: 2377 mm, front overhang: 2468mm (equipped with Qixing driver's cab); Front extension: 2390 mm, front overhang: 2455 mm (equipped with XCMG Automobile driver's cab).

技术规格

Technical specifications

	底盘
车架	徐工设计、制造，全覆盖式走台板，防扭转箱型结构，高强度钢材制造。
支腿	4支腿，H形布置，活动支腿采用双级水平支腿，水平伸缩和垂直伸缩由液压控制，底盘两侧装有支腿操纵杆，水平仪、LED照明灯和调速按钮，支腿油缸均设有单向阀，且垂直支腿带有双向液压锁。 支脚盘尺寸：435mm×435mm 最大起重量时支腿反力：784kN
发动机	WP9H350E50，直列六缸水冷电控柴油发动机，潍柴制造，额定功率 257kW/1900rpm，最大扭矩1700Nm/1100-1400rpm，最大基准扭矩：1832N.m； 国Ⅴ排放标准； 尿素箱容积：34.3L。 燃油箱容积：430L
变速箱	陕齿手动变速箱，10个前进档，2个倒档。
车桥	名牌厂家高强度车桥，1、2桥转向，3、4桥驱动。
悬挂	前悬挂为钢板弹簧，后悬挂为橡胶悬挂。
轮胎	12个轮胎，1个备胎，1、2桥均装单胎，3、4桥均装双胎。轮胎规格：385/95R25（前桥） 12.00R24/325/95R24（后桥）

制动	行车制动：双回路气压制动，作用于所有车轮。 驻车制动：弹簧贮能制动，作用于2、3、4轴车轮。 辅助制动：发动机排气制动和缸内缓速制动。
转向	1、2桥机械转向+液压助力。
驾驶室	配置大视野的前挡风安全玻璃，电动雨刮器，电动玻璃升降器，带有冷暖空调，可实现吹面吹脚，除霜、除雾功能，带有收放机等。主驾机械减震座椅，副驾为单人座椅，带有1KG灭火器。
电气系统	直流24伏特，串联12伏特的电池组2个。 发电机: 28伏特-80安培。

技术规格

Technical specifications



上车

结构	徐工设计、制造，高强度钢材制造。
液压系统	底盘发动机驱动变量柱塞泵，用于起升、变幅、伸缩。负载敏感式比例多路换向阀，带有抗冲击阀、防气蚀阀；风冷式液压油散热器； 液压油箱容积：1206L
操纵方式	液控先导操纵系统，由左右2个操纵手柄控制，由液压泵和比例阀进行液压先导式控制起重机的全部动作
起升机构	液压控制调速，装有双折线绳槽卷筒，由液压马达通过行星齿轮减速器驱动，内置常闭式制动器并带有平衡阀；
回转机构	四点接触球式回转支承，由液压马达驱动行星齿轮回转机构减速器驱动，可连续回转360°；具有动力控制或自由回转的功能，可无级调速；
变幅机构	单支双作用前置液压变幅油缸，带有平衡阀
操纵室	新型钢制操纵室，装有前景窗，安全玻璃，车窗装有遮阳板，操纵员座椅靠背可倾斜定位，操纵杆安装在座椅两侧的扶手台上，前窗、顶窗装有雨刮器。标配单冷空调。
安全装置	液压平衡阀；液压溢流阀；液压双向锁；力矩限制器；三圈保护器，防止钢丝绳过放；臂头设置高度限位，防止钢丝绳过卷；三色报警灯
组合配重	8t
	5t
	5t
	2t
起重钩	55t钩
	5.5t钩

主臂	5节，“U”形截面的筒形焊接结构。双缸绳排伸缩机构 主臂长度：13m~50.5m。
臂端单滑轮	单滑轮，安装在主臂顶端用于单股钢丝绳起重作业，起重性能与主臂相同，但最大起重量不超过5.5t。
固定副臂	一节桁架+二节箱型结构，具有0°、15°、30°三种固定副臂安装角 固定副臂长度：9.5m/16m

Technical specifications

 Chassis	
Frame	Designed and manufactured by XCMG, it is made of high strength steel with fully covered walking surface and anti-torsion box-typed structure.
Outriggers	Four outriggers arranged in H-shape are hydraulically controlled by control levers. Double-stage outrigger beams are adopted. There are outrigger control levers located at each side of the chassis, and there is a level gauge, LED illuminator and speed buttons in each control panel. There is a check valve fitted in each outrigger cylinder, and a double-way hydraulic valve fitted in each jack cylinder. Outrigger float diameter: 435 mm×435 mm Reaction force of outrigger at max. lifting load: 784 kN
Engine	WP9H350E50, in-line, 6-cylinder, water cooled, electric control diesel engine, made by Weichai Engine, with rated power of 257 kW/1900 rpm, max. torque of 1700 Nm/1100-1400 rpm and max. standard torque of 1832 N.m. The engine complies with China V emission standard. AdBlue tank capacity: 34.3 L
	Fuel tank capacity: approx. 430 L.
Transmission	Manual transmission, made by Shaanxi Fast Gear Co., Ltd., 10-forward speed and 2-reverse speed.
Axles	High strength axles, made by famous manufacturers. 1st and 2nd axles are for steering, while 3rd and 4th axles for driving.
Suspension	Leaf spring suspension is used as front suspension, and rubber suspension as rear suspension.
Tires	12 tires and 1 spare tire, 1st and 2nd axles are equipped with single tire, 3rd and 4th axles equipped with double-tire. Tire specifications: 385/95R25 (front axles) 12.00R24/325/95R24 (rear axles)

Brakes	Service brake: double-circuit air pressure brake, acting on all wheels. Parking brake: spring-loaded brake, acting on wheels of axles 2, 3 and 4; Auxiliary brake: engine exhaust brake and engine retarder brake
Steering	Mechanical steering mechanism with a hydraulic booster for 1st and 2nd axles.
Driver's cab	Driver's cab is equipped with large-view windshield made of safety glass, electric control windshield washer, electric control window glass lifters heater and air conditioner with functions as blowing face or feet, defrosting and defogging, and a radio player, etc. The main driving seat is a mechanical shock absorber seat, and the copilot seat is a single seat. A fire extinguisher of 1 kg is available.
Electrical system	24 V DC, two sets of 12 V battery in series. Generator 28 V-80 A.

Technical specifications



Superstructure

Frame	Designed and manufactured by XCMG, made of high strength steel.
Hydraulic system	Variable pump driven by chassis engine, used for hoisting, elevating and telescoping operation. Load sensing proportional multi-way change valve with impact resistance valve and cavitation-proof valve integrated; air-cooled hydraulic oil radiator. Tank capacity: 1206 L
Control system	Hydraulic controlled pilot is used for controlling the superstructure. All crane movements are controlled by hydraulic pump and proportional valve through two control levers at left and right sides.
Winch system	Hydraulic control is used for speed regulation. The system is driven by a hydraulic motor through a planetary gear reducer, with a normally closed brake, a balance valve and a grooved drum equipped.
Slewing system	Four-point contact-ball slewing ring is driven by the planetary gear reducer of slewing mechanism, which is driven by a hydraulic motor, and may continuously slew 360° . Power control and free slewing function as well as stepless speed regulation are available. The horn switch is equipped on the slewing control lever.
Luffing system	A front support double-acting hydraulic cylinder is equipped for luffing operation, with a balance valve fitted.
Operator's cab	New steel cab is equipped with a front window. Safety glass and sunshield are used for windows. Standard controls and indicators are ergonomically arranged in the cab. The cab features a new ergonomic seat design with backrest adjustment and armrests with joysticks fitted. Wipers are fitted for the windshield and roof window. Heater and air conditioner are standard.

Safety devices	Hydraulic balance valve, hydraulic relief valve, double-way hydraulic valve, LMI, lowering limiter for preventing wire rope from over-releasing, anti-two block at boom head for preventing wire rope from over-winding and tri-colored light bar.
Combined counterweight	8 t
	5 t
	5 t
	2 t
Hook blocks	55 t
	5.5 t

Boom	5-section boom with U cross-section, welding structure. Double-cylinder plus ropes telescoping system Boom length: 13 m~50.5 m.
Single top	Installed at the boom top, used for single line operation. Its lifting performance is the same as that for boom, but the max. lifting load could not exceed 5.5 t.
Fixed jib	Two-section lattice jib, welded structure. Three offset angles of 0°, 15° and 30°. Fixed jib length: 9.5 m~16 m.

车型与选装件

Version and optional parts

车型 Version	功能描述 Function description	选择 Selection
标准型 Standard	五节主臂50.5m，固定副臂16m 5-section boom of 50.5 m, fixed jib of 16 m	
注释：该产品仅标准型一种车型。 Note: only the standard version is available.		

可选装件 Optional parts	选择 Selection
风速仪选装包 Anemometer optional package	
监视系统电气 Electrical system of the monitoring system	
回转报警灯选装包 Beacon light optional package for slewing operation	
倒车影像辅件 Accessories of rear view camera	
旋转报警灯总成 Rotary beacon light assembly	
闪烁警示灯辅件 Accessories of beacon light	

重量
Weight



Axle	1	2	3	4	总重量 Total weight
t	10	10	12.8	12.8	45.6 ¹⁾
t	11.35	11.35	21	21	64.7 ²⁾

1) 转台尾部携带2t固定平衡重、55t钩、5.5t钩、臂端单滑轮、备胎及备胎支架、配重支架；需拆除8t+5t+5t平衡重、副起重臂、前支脚盘；
2 t fixed counterweight slab, 55 t and 5 t hook blocks, auxiliary sheave, spare tire and its bracket, and counterweight bracket are carried at turntable tail; counterweight slab 8 t + 5 t + 5 t, jib and front outrigger float are removed.

2) 短途转场状态：最高车速10km/h，带55t钩、副臂、20t平衡重；转向驱动形式：8×4×4；轮胎规格：1、2轴：385/95R25，3、4轴：12.00R24或325/95R24；
Short-distance job site transfer: max. travel speed is 10 km/h, carry the 55 t hook block, jib, 20 t counterweight. Steer & Driving type: 8×4×4; Tire specification: 1st and 2nd axes: 385/95R25, 3rd and 4th axes:12.00R24 or 325/95R24.



吊钩 Hook block	倍率 Parts of line	吊钩重量 Weight (kg)	吊钩尺寸 Dimensions (mm)	备注 Remarks
55 t	9	470	1586×520×452	单钩 Single hook
5.5 t	1	150	717×370×370	单钩 Single hook

作业速度
Working speeds



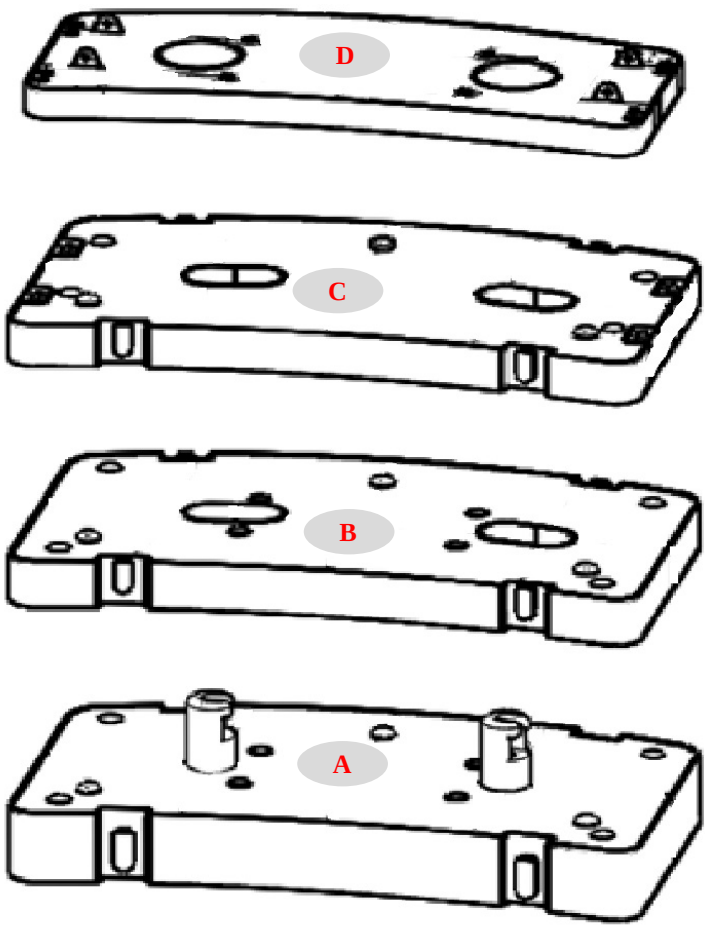
385/95R25 (前桥) (Front axes) 12.00R24/325/95R24 (后桥) (Rear axes)	2.5 ~ 80	45%
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作业机构 Operation mechanism	作业速度 Working speed	最大单绳拉力 Max. single line pull	钢丝绳直径/长度 Rope diameter/ length
	0-135 m/min，单绳，第四层 m/min, single line, 4th layer	6.7 t	20 mm/250 m
	0-90 m/min，单绳，第四层 m/min, single line, 4th layer	5.5 t	20 mm/145 m
	0-1.8 r/min		
	从-0.5°抬起至81°约55s Approx 55 s for boom luffing from -0.5° to 81°		
	从13m伸出至50.5m约125s Approx 135 s for boom extending from 13 m to 50.5 m		

平衡重

Counterweight

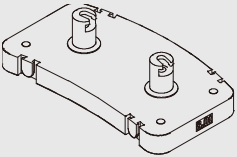
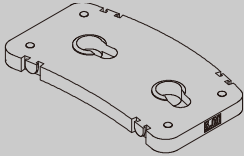
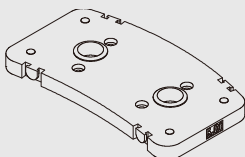


平衡重 Counterweight	A	B	C	D
尺寸 (长×宽×高) mm Size (L×W×H) mm	2790×1652×690	2790×1652×260	2790×1652×240	2790×1242×226
重量 t Weight t	8	5	5	2

工况模式 Working mode	20 t	15 t	10 t	7 t	2 t
组合形式 Combinations	A+B+C+D	A+C+D	A+D	C+D	D

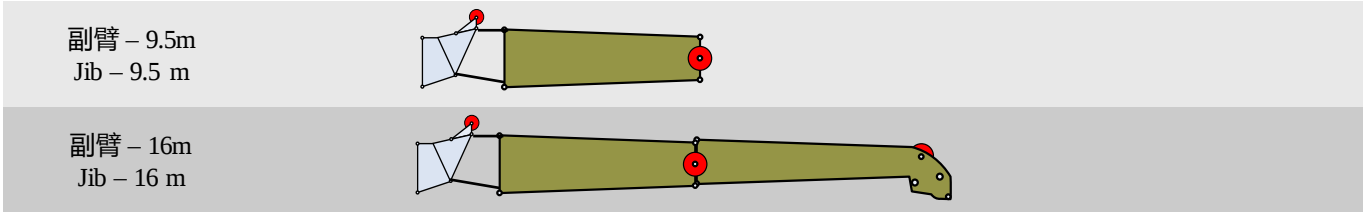
运输部件尺寸

Dimension and weight of parts transported

部件 Parts	结构形式 Structure	尺寸（长×宽×高） mm Dimensions (L×W×H) (mm)	重量 kg Weight (kg)	数量 No.
平衡重A Counterweight slab A		2790×1652×690	8000	1
平衡重B Counterweight slab B		2790×1652×260	5000	1
平衡重C Counterweight slab C		2790×1652×240	5000	1
前支脚盘 Front outrigger float		435×435×120	45	2

臂架组合方案

Boom/ Jib combinations



部件 Parts	结构形式 Structure	尺寸（长×宽×高） mm Dimensions (L×W×H) (mm)	重量 kg Weight (kg)
连接架 Connection bracket		1200×880×1200	231
一节副臂总成 1st jib section assembly		9925×710×1105	568
二节副臂总成 2nd jib section assembly		6910×450×610	264

臂架组合方案
Boom/ Jib combinations

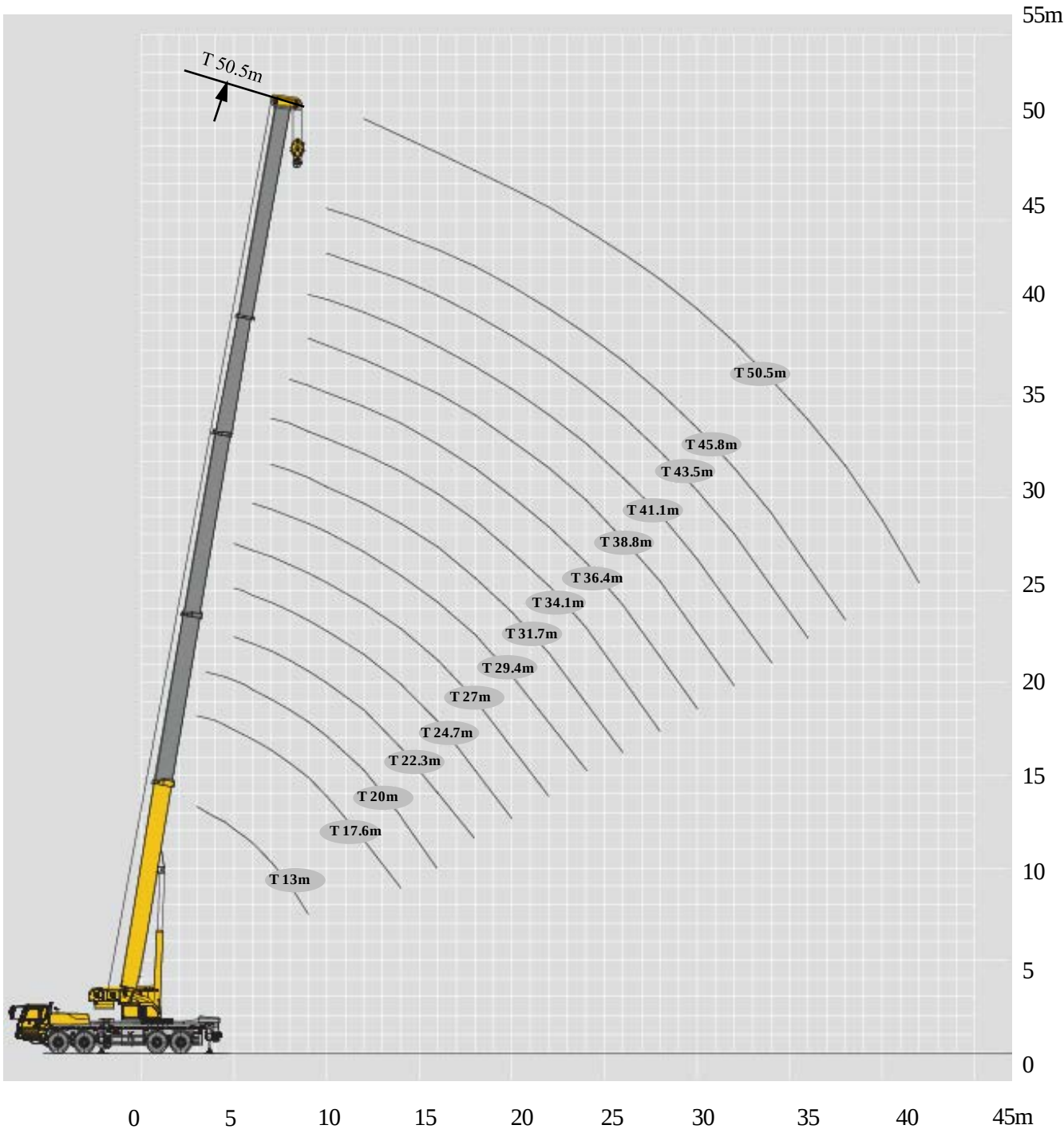


主臂
Telescopic boom

T : 13~50.5 m

副臂
Jib

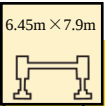
T : 50.5 m
J : 9.5/16 m



起重性能表

Lifting load tables

T 13~50.5 m

																
	13	17.6	20	22.3	24.7	27	29.4	31.7	34.1	36.4	38.8	41.1	43.5	45.8	50.5	
3	85*	70														3
3.5	75	68	34													3.5
4	70	67	34													4
4.5	66	63	34													4.5
5	60	60	34	40	34	31.5										5
5.5	55	54	34	40	34	31.5										5.5
6	50	49	34	40	34	31.5	34									6
7	43	42	34	38	34	30	32	32	21.8							7
8	37	35	34	34	34	29.5	28.9	31	20.8	25.3						8
9	32	31	30.7	30.8	31	27.5	26.4	29	18.9	23.2	20.5	16.7				9
10		27	28.5	28.1	27.5	26	24.1	26	17.7	21.3	19.2	16	18.1	14.9		10
12		21	21.8	20.9	22.5	22	20.4	22.5	15.8	18.4	17.5	14.4	16.2	13.6	12.6	12
14			18	15.7	17.6	18.2	17	18.3	14.2	15.9	15.7	13.1	14.2	12.4	11.7	14
16			14.5	12	13.9	15.3	13.4	14.6	12.8	13.8	14.2	11.9	12.7	11.3	10.8	16
18				9.3	11.3	12.6	10.7	12	11.8	11.5	12.4	10.8	11.2	10.2	10	18
20					9	10.6	8.7	9.9	10.7	9.4	10.4	9.6	9.9	9.4	8.8	20
22						8.8	7	8.3	9.3	7.9	8.8	8.9	8.3	8.6	8.1	22
24							5.7	7	8	6.6	7.5	8.1	7	7.7	7.4	24
26								6	6.9	5.5	6.4	7.2	6	6.7	6.4	26
28									6	4.6	5.5	6.3	5.1	5.8	5.5	28
30										3.8	4.7	5.5	4.3	5	4.7	30
32											4	4.8	3.7	4.4	4	32
34												4.2	3.1	3.8	3.5	34
36													2.6	3.3	3	36
38														2.8	2.5	38
40															2.1	40
42															1.8	42
倍率 n	12	11	6	6	6	5	6	6	4	4	4	4	4	3	3	倍率 n
二节臂 2nd	0%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	100%	二节臂 2nd
三节臂 3rd	0%	0%	25%	0%	25%	50%	25%	50%	75%	50%	75%	100%	75%	100%	100%	三节臂 3rd
四节臂 4th	0%	0%	25%	0%	25%	50%	25%	50%	75%	50%	75%	100%	75%	100%	100%	四节臂 4th
五节臂 5th	0%	0%	25%	0%	25%	50%	25%	50%	75%	50%	75%	100%	75%	100%	100%	五节臂 5th

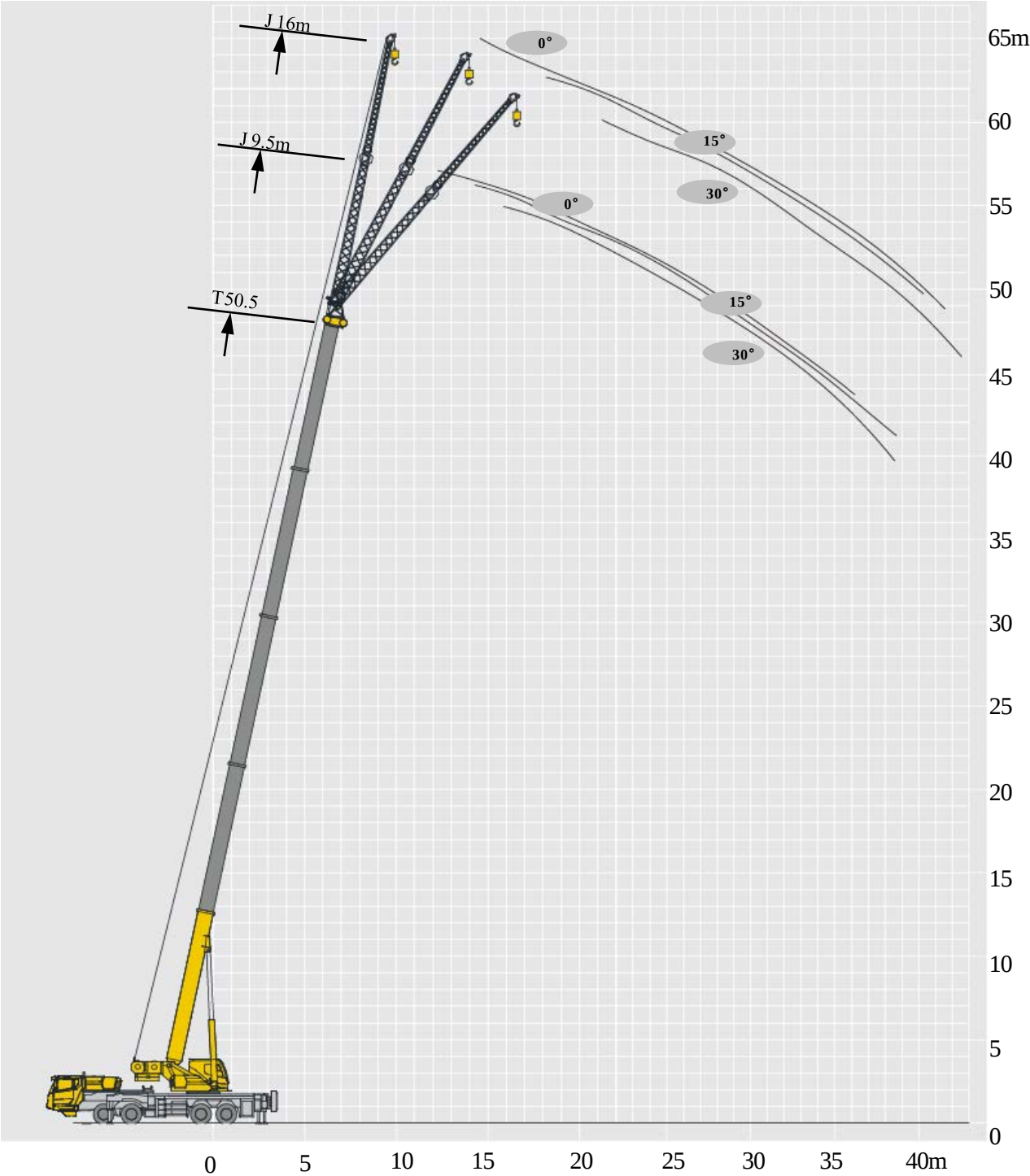
备注：标注*的工况为名义载荷，不作为技术状态要求

Note: * capacity class, not required as a technical condition.

起重性能表
Lifting load tables

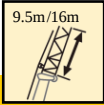
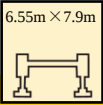
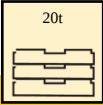
T 13~50.5 m

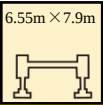
	13-50.5m 6.45m×7.9m 360° 15t															
	13	17.6	20	22.3	24.7	27	29.4	31.7	34.1	36.4	38.8	41.1	43.5	45.8	50.5	
3	80	70														3
3.5	75	68	34													3.5
4	70	67	34													4
4.5	66	63	34													4.5
5	60	60	34	40	34	31.5										5
5.5	53	53	34	40	34	31.5										5.5
6	48	48	34	40	34	31.5	34									6
7	40	40	34	38	34	30	32	32	21.8							7
8	34	34	34	33	34	29.5	28.9	31	20.8	25.3						8
9	30	30	30.5	29	30	27.5	26.4	29	18.9	23.2	20.5	16.7				9
10		25.5	26.5	25	26.5	26	24.1	26	17.7	21.3	19.2	16	18.1	14.9		10
12		18.2	20.7	17.8	19.8	21.4	19.2	20.6	15.8	18.4	17.5	14.4	16.2	13.6	12.6	12
14			15.8	13.2	15	16.5	14.5	15.8	14.2	15.2	15.7	13.1	14.2	12.4	11.7	14
16			12.5	10	11.8	13.2	11.3	12.5	12.8	12	13	11.9	12.5	11.3	10.8	16
18				7.7	9.4	10.8	8.9	10.1	11.2	9.6	10.6	10.8	10.1	10.2	10	18
20					7.6	9	7.1	8.3	9.3	7.8	8.8	9.6	8.3	9	8.6	20
22						7.5	5.7	6.9	7.9	6.4	7.3	8.1	6.9	7.6	7.2	22
24							4.6	5.7	6.8	5.3	6.2	7	5.7	6.5	6.1	24
26								4.8	5.8	4.4	5.2	6	4.8	5.5	5.1	26
28									4.9	3.5	4.4	5.2	4	4.7	4.3	28
30										2.9	3.7	4.5	3.3	4	3.6	30
32											3.1	3.9	2.7	3.4	3	32
34												3.4	2.2	2.9	2.5	34
36													1.8	2.5	2.1	36
38														2.1	1.7	38
40															1.3	40
倍率 n	12	11	6	6	6	5	6	6	4	4	4	4	4	3	3	倍率 n
二节臂 2nd	0%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	0%	100%	50%	100%	二节臂 2nd
三节臂 3rd	0%	0%	25%	0%	25%	50%	25%	50%	75%	50%	75%	100%	75%	100%	100%	三节臂 3rd
四节臂 4th	0%	0%	25%	0%	25%	50%	25%	50%	75%	50%	75%	100%	75%	100%	100%	四节臂 4th
五节臂 5th	0%	0%	25%	0%	25%	50%	25%	50%	75%	50%	75%	100%	75%	100%	100%	五节臂 5th

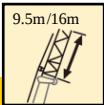
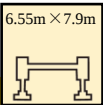
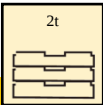


起重性能表
Lifting load tables

J 10.5 m/17.5 m

50.5m 9.5m/16m 6.55m × 7.9m 360° 20t							
9.5m				16m			
	0°	15°	30°	0°	15°	30°	
80	5.5	5.5	2.7	4.0	2.9	1.4	80
78	5.5	5.3	2.5	4.0	2.8	1.3	78
75	5.5	4.9	2.3	4.0	2.5	1.2	75
72	5.5	4.5	2.1	4.0	2.1	1.2	72
70	5.5	4.3	2.0	3.7	2.0	1.2	70
65	4.8	3.8	1.8	3.2	1.8	1.0	65
60	3.6	3.2	1.7	2.6	1.6		60
55	2.9	2.6	1.7	2.1	1.5		55
50	2.2	2.1	1.6	1.5	1.3		50

50.5m 9.5m/16m 6.55m × 7.9m 360° 15t							
9.5m				16m			
	0°	15°	30°	0°	15°	30°	
80	5.5	5.5	2.7	4.0	2.9	1.4	80
78	5.5	5.3	2.5	4.0	2.8	1.3	78
75	5.5	4.9	2.3	4.0	2.5	1.2	75
72	5.5	4.5	2.1	4.0	2.1	1.2	72
70	5.5	4.3	2.0	3.7	2.0	1.2	70
65	4.5	3.8	1.8	3.2	1.8	1.0	65
60	3.1	2.9	1.7	2.6	1.6		60
55	2.2	2.1	1.7	1.8	1.5		55
50	1.6	1.5	1.4	1.2	1.1		50

50.5m 9.5m/16m 6.55m × 7.9m 360° 2t							
9.5m				16m			
	0°	15°	30°	0°	15°	30°	
80	5.5	5.5	2.7	4.0	2.9	1.4	80
78	5.5	5.3	2.5	4.0	2.8	1.3	78
75	5.5	4.9	2.3	4.0	2.5	1.2	75
72	4.4	3.8	2.1	3.6	2.1	1.2	72
70	3.5	3.1	2.0	2.8	2.0	1.2	70
65	1.9	1.8	1.7	1.6	1.4	1.0	65

符号标识

Description of symbols

常规标识

General symbols

	上车 Superstructure		底盘 Chassis
	起重能力 Lifting capacity		车桥 Axle
	吊臂长度 Boom length		行驶速度 Travel speed
	工作幅度 Radius		爬坡能力 Grade ability
	吊臂仰角 Boom angle		轮胎 Tires
	主臂起升高度 Hoist height with boom		支腿 Outriggers
	固定副臂长度 Fixed jib length		吊钩 Hook block
	副臂安装角 Jib offset angle		平衡重 Counterweight
	副臂起升高度 Hoist height with jib		卷扬 Winch
	主臂加长节 Boom extension		360°全回转 360° slewing
	带载行驶 Travel with load		

主要技术参数表
 Table of main technical parameters

类别 Category	项目 Item		单位 Unit	参数 Parameter
尺寸参数 Dimensions	外形尺寸 (长×宽×高) Dimensions (length×width×height)		mm	14985×2800×3790
	轴距 Wheelbase		mm	1500+4600+1350
	轮距 (前/后) Track (Front/ Rear)		mm	2408/2063
	前悬/后悬 Front/ Rear overhang		mm	2455 (徐工汽车XCMG Automobile) 、 2468 (齐星Qixing) /2565
	前伸/后伸 Front/ Rear extension		mm	2390 (徐工汽车XCMG Automobile) 、 2377 (齐星Qixing) /125
重量参数 Weight	最大允许总质量 Max. permissible weight		kg	45600
	轴荷 Axle load	一轴 1st axle	kg	10000
		二轴 2nd axle	kg	10000
		三轴 3rd axle	kg	12800
		四轴 4th axle	kg	12800
动力参数 Power	发动机型号 Engine model		——	WP9H350E50
	额定功率/转速 Engine rated power/rpm		kW/(r/min)	257/1900
	最大净功率/转速 Max. net power/rpm		kW/(r/min)	252/1900
	最大输出扭矩/转速 Max. output torque/rpm		N.m/(r/min)	1700/1100-1400
行驶参数 Travel	最高车速 Max. travel speed		km/h	≥80
	最低稳定车速 Min. stable travel speed		km/h	1.7 ~ 3
	最小转弯直径 Min. turning diameter		m	≤24
	臂头最小转弯直径 Min. turning diameter at boom tip		m	≤30.5
	最小离地间隙 Min. ground clearance		mm	373
	接近角 Approach angle		°	20
	离去角 Departure angle		°	13
	制动距离 (制动初速度为30km/h) Braking distance (at 30 km/h)		m	≤10
	最大爬坡能力 Max. grade ability		%	45
	百公里油耗 Fuel consumption per 100 km		L	43
噪音 Noise	加速行驶机外噪声 Exterior noise level		dB(A)	≤84
	驾驶员耳旁噪声 Noise level at seated position		dB(A)	≤90

主要技术参数表
 Table of main technical parameters

类别 Category	项目 Item		单位 Unit	参数 Parameter	
主要性能参数 Main performance	最大额定总起重量 Max. total rated lifting capacity		t	85	
	最小额定工作幅度 Min. rated working radius		m	3.0	
	转台尾部回转半径 Turning radius at turntable tail	平衡重处 Counterweight	mm	4460	
		副卷处 Auxiliary winch	mm	4293	
	最大起重力矩 Max. load moment	基本臂 Base boom	kN.m	2965	
		最长主臂 Fully-extended boom	kN.m	1764	
		最长主臂+副臂 Fully-extended boom + Jib	kN.m	1237	
	支腿跨距 Outrigger span	纵向 Longitudinal	m	6.545	
		横向 Lateral	m	7.9 (5.6)	
	起升高度 Hoist height	基本臂 Base boom	m	13.3	
		最长主臂 Fully-extended boom	m	50.5	
		最长主臂+副臂 Fully-extended boom + Jib	m	65	
	起重臂长度 Boom length	基本臂 Base boom	m	13	
		最长主臂 Fully-extended boom	m	50.5	
		最长主臂+副臂 Fully-extended boom + Jib	m	66.5	
	副臂安装角 Jib offset angle		°	0、15、30	
工作速度参数 Working speed	起重臂起臂时间 Boom raising time		s	≤55	
	起重臂全伸时间 Boom fully extended time		s	≤125	
	最大回转速度 Max. slewing speed		r/min	≥1.8	
	支腿收放时间 Time for extending and retracting outriggers	水平支腿 Outrigger beam	收 Retracting	s	30
			放 Extending	s	40
		垂直支腿 Outrigger jack	收 Retracting	s	30
			放 Extending	s	40
	起升速度 (单绳,第四层,空载) Hoisting speed (single line, 4th layer, no load)	主起升机构 Main winch		m/min	135
副起升机构 Auxiliary winch		m/min	90		
噪声 Noise	机外辐射 Exterior noise level		dB (A)	109	
	司机位置处 Noise level at seated position		dB (A)	85	

注意事项

Notes

1. 表中额定总起重量值，是在平整的坚固地面上本起重机能够保证的最大总起重量，包括吊钩和吊具的重量，所以为了估算重物重量，必须减去上述的装置重量。
2. 表中的工作幅度为起吊重物离地时起重物到起重机回转轴线的水平距离，是包括起重臂变形量在内的实际值，因而起吊前应考虑起重臂变形量。
3. 只允许在5级(瞬时风速14.1m/s，风压125N/m²)风以下进行作业。
4. 吊重前操作者必须对物体的重量和工作范围了解后选择合适的作业工况，严禁超出表中的数值。幅度及臂长在相邻两个数值之间时，应依据两个数值中较小值确定起重作业。
5. 应按主臂仰角范围作业，即使是空载，也不应使主臂仰角处于范围外，谨防整机倾翻。
6. 表中的主臂长度应要按照每节臂的伸缩要求进行伸出。

1. The total rated load given in the rated load charts are the maximum lifting capacity when the crane is set up on firm and level ground. The possible weight for the load to be lifted is therefore reduced according to the weights of the aforementioned tackle.
2. The working radius is the horizontal gravity center distance of the load from the rotational axis of the crane superstructure measured at the ground, and it is the actual value including loaded boom deflection. Take boom deflection into consideration before beginning a lifting operation.
3. A lifting operation is permissible only when the wind force is below grade 5 (instantaneous wind speed of 14.1 m/s, wind pressure of 125 N/m²).
4. Before beginning lifting, the operator should know the weight of the load to be lifted and its working range, and should then select proper working conditions. Never operate the crane beyond the limit shown in the chart. The working condition should be depended on the smaller value when the radius and boom length falls between two adjacent values.
5. Observe the boom angle limit. Never operate the crane with the boom angle beyond the recommended limit even if a load is not being carried. Otherwise, the crane will tip.
6. Extend boom sections according to the specified percentage.



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