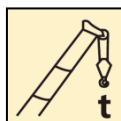


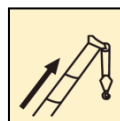
XCT130_1 Truck Crane



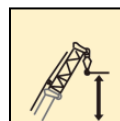
Basic technical specification



130 t



65 m



99.5 m



CAMC VIAL

Ruta 40 y Calle 7, SAN JUAN - ARGENTINA



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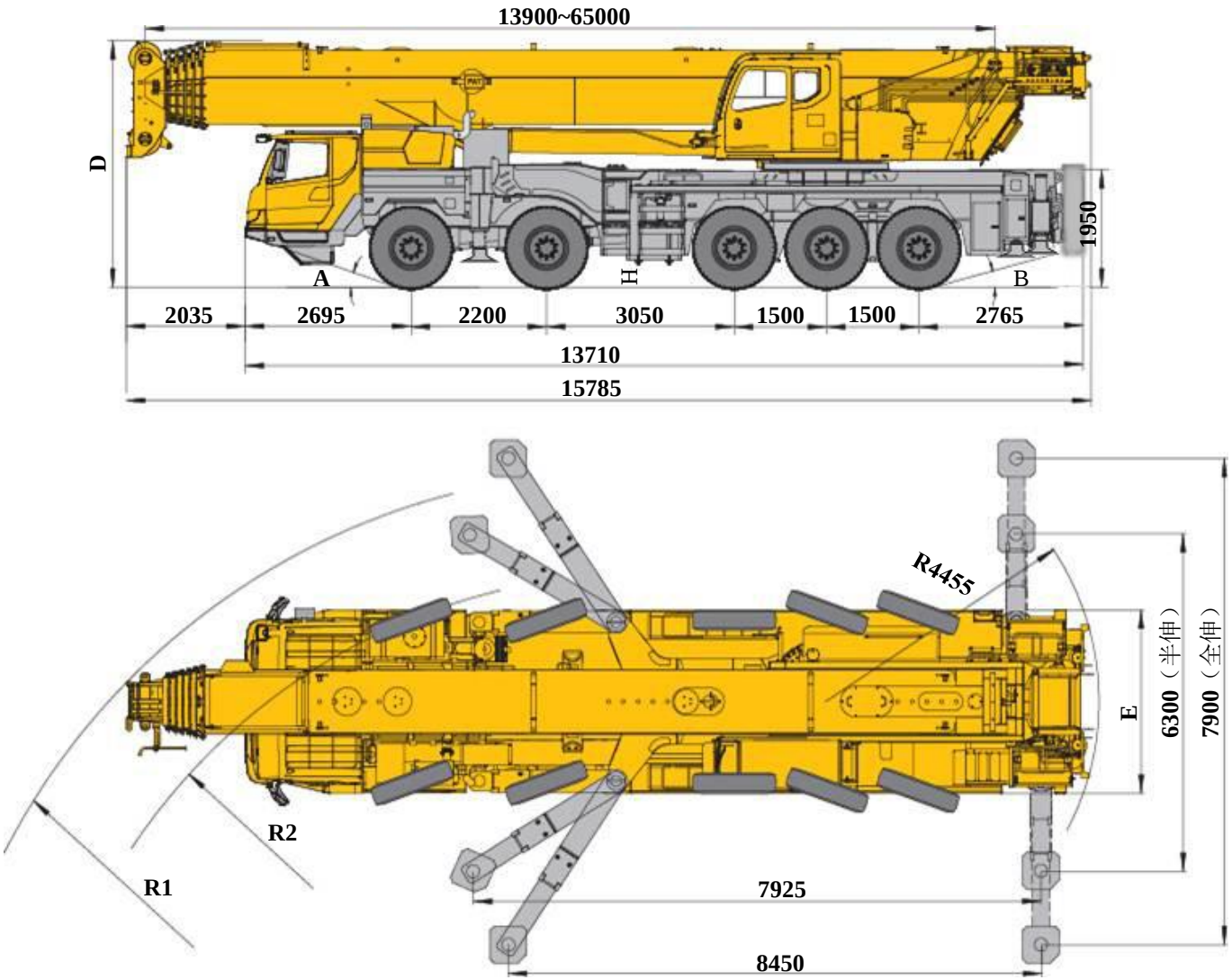


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尺寸参数
Dimensions



	A	B	D	E	R1	R2	H
385/95 R25 (14.00 R25)	20°	14°	3995	3000	11600	10000	380

技术规格

Technical specifications

	底盘	配置
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，前双节摆腿后水平支腿结构，水平伸缩和垂直伸缩由液压控制，底盘两侧装有电控操纵控制台，控制台板装有水平仪、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：480mm×615mm 最大起重量时支腿反力：960kN	●
发动机	MC13.48-50，直列六缸水冷电控柴油发动机，重汽曼制造，额定功率356kW/1900rpm，最大扭矩2300Nm/1050-1400rpm，国五排放标准。燃油箱容积：520L。 WP12.460E62，六缸直列，四冲程、增压中冷、水冷、柴油发动机，潍柴制造，额定功率338kW/1900rpm，最大扭矩2200Nm/1000-1400rpm，国六排放标准。燃油箱容积：520L。	● ●
变速箱	重汽自动变速箱，12个前进档，1个倒档。（国五） 双特自动变速箱，6个前进档，1个倒档。（国六）	● ●
车桥	配置美驰或大江高强度车桥，1,2,4,5桥驱动，1,2,4,5桥转向。	●
悬挂	前悬架采用板簧悬架，后悬架采用双纵臂板簧平衡悬架。	●
轮胎	10个轮胎，1个备胎，每桥均装单胎，双钱/泰凯英制造。 轮胎规格：385/95R25（14.00R25）	●

	底盘	配置
制动	行车制动：双回路气压制动，作用于所有车轮。 驻车制动：放气制动，作用于2,3,4,5轴车轮。 辅助制动：发动机排气制动和缓速制动。	●
转向	四桥转向，1、2桥机械转向+液压助力，4/5桥缸控随动转向，可适应多种工况的要求，实现多种转向模式。	●
驾驶室	新型复合结构全宽驾驶室，全封闭、装备豪华舒适。性能上：优越的密封性和防腐蚀、防震设计；配置大视野的前挡风安全玻璃、后视镜，电控洗涤器，电子门窗升降器，带有除霜风挡的室内空气加热器，冷暖空调，收音机、丝网地垫等。主驾采用空气悬浮座椅副驾采用简易卧铺等。2公斤灭火器 标配冷暖空调。	●
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	配置
结构	徐工设计、制造，高强度钢材制造。	●
液压系统	电比例变量泵用于起升、变幅、伸缩；回转采用闭式泵驱动；比例电磁换向控制阀；风冷式液压油散热器；液压油箱有效容积：840L	●
操纵方式	先导电比例操纵，无级调速，由左右2个操纵手柄控制起重机的主要动作。	●
主起升机构	液压控制调速，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，装有绳槽卷筒。	●
副起升机构	液压控制调速，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，装有绳槽卷筒。	●
回转机构	单排四点接触球外齿式回转支承，由液压马达通过行星齿轮减速器驱动，内置常闭式制动器，可连续回转360°，具有动力控制或自由滑转的功能，可无级调速。	●
变幅机构	单变幅油缸，带有负载补偿功能的变幅平衡阀，变幅下落采用平衡阀外控式重力+动力下降方式。	●
操纵室	钢制操纵室，无视野死角的前景窗，安全玻璃，推拉式车门，可调式电加热功能座椅，可翻仰20°，装有前窗顶窗遮阳帘、顶窗双层遮阳帘，后窗遮阳帘；雨刮器、顶部防护栏、推拉踏板，配备力矩限制器、电控扶手箱、发动机动力加速踏板、发动机起动开关等。标配冷暖空调。2kg灭火器，出口配置6kg灭火器。	●
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；起升高度限位器；风速仪；卷扬监视装置	●
组合配重	总重53t，有12t、24t、36t、53t，4种组合方式。	●

起重钩	130t钩	○
	75t钩	●
	11t钩	●

	臂架系统	配置
主臂	6节，“U”形截面的筒形焊接结构，单板式臂头、紧凑式臂尾。单缸插销伸缩机构 主臂长度：13.9m～65m。	●
副臂	由连接架、旋转架和两节桁架结构折叠式副臂组成，具有0°、15°、30°三种安装角，收存于主臂旁。 副臂长度：11m、18.5m	●
臂端单滑轮	单滑轮，安装在主臂顶端，用于单股钢丝绳 绳起重作业，起重性能与主臂相同，但最大起重量不超过10.9t。	●
主臂加长节(两节)	桁架式焊接结构，与主臂臂头固定安装 主臂加长节长度：2×8m	○
独立臂头	桁架式焊接结构，与主臂臂头固定安装。 独立臂头长度：2.9m	○

产品各部件明细如上所述，具体部件明细请参照产品报价单

符号说明：

● —— 表示标准配置；

○ —— 表示选装配置。

技术规格

Technical specifications

	Chassis	Configuration
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; front two-stage outrigger beams are swung, and rear outrigger beams are extended. Outrigger beams and jacks are hydraulically controlled. There is an outrigger control station located at each side of the chassis, and there is a level gauge, an illuminator and speed buttons on each control station. There is a check valve fitted in each outrigger cylinder, and a double-way hydraulic valve fitted in each jack cylinder. Float dimension: 480mm×615mm Reaction force of outrigger at max. lifting load: 960kN	●
Engine	MC13.48-50, in-line, 6-cylinder, water cooled, electric control diesel engine, made by SINOTRUK MAN, with rated power of 356kW/1900rpm and max. torque of 2300Nm/1050-1400rpm, compliant to China V emission standard. Fuel tank capacity: 520 L. WP12.460E62, 6-cylinder in-line, 4-stroke,supercharged medium-cooled, water cooled, diesel engine, made by WEICHAI, with rated power of 338kW/1900rpm and max. torque of 2200Nm/1000-1400rpm, compliant to China VI emission standard. Fuel tank capacity: 520 L.	● ●
Transmission	SINOTRUK automatic transmission, 12-forward speed and 1-reverse speed. SHUANGTE automatic transmission, 6-forward speed and 1-reverse speed.	● ●
Axles	High strength axles, made by Meritor or Dajiang. 1st, 2nd, 4th and 5th axles are for driving and steering.	●

	Chassis	Configuration
Suspension	Leaf springs are adopted for front suspensions; dual longitudinal arm leaf spring balanced suspensions are adopted for rear suspensions.	●
Tires	10 tires and 1 spare tire, each axle is equipped with single tire, manufactured by Double Coin. or Techking Tire specifications: 385/95R25(14.00R25)	●
Brakes	Service brake: double-circuit air pressure brake acting on all wheels. Parking brake: air-release brake, acting on wheels of axles 2, 3, 4, 5. Auxiliary brake: engine exhaust brake, engine retarder brake	●
Steering	Four-axle steering; axles 1 and 2 are mechanically steered + hydraulic power assistance; axles 4 and 5 are steered through cylinder control. It is suitable for various demands of working conditions and several steering modes can be realized.	●
Driver's cab	New full-dimension enclosed cab, luxury and comfort. It is designed to be leakproof, anti-corrosive and shockproof. It is equipped with a windshield offering outstanding visibility, electrical adjustable rear mirrors, electric control washer, electronic lifters of doors and windows, air heater with defrosting function, heater & air conditioner, radio player and new material mat, etc. An air suspension seat is supplied for driver and a simple sleeper for co-driver. A fire extinguisher of 2 kg is available. Heater and air conditioner are standard.	●
Electrical system	24V DC, two sets of 12 V battery in series. Generator: 28 V-80 A	●

技术规格

Technical specifications

	Superstructure	Configuration
Frame	Designed and manufactured by XCMG, made of high strength steel.	●
Hydraulic system	Electric proportional variable pump is used for lifting, elevating and telescoping operations. A closed pump is used to drive slewing operation. The proportional solenoid steering control valve; air-cooled hydraulic oil radiator. Effective volume of hydraulic oil tank: 818L	●
Operating mode	The electric-proportional pilot operation system is equipped with two levers at left and right sides controlling the main movements of the crane, and stepless slewing speed regulation is available.	●
Main 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 balanced valve and a grooved drum equipped.	●
Auxiliary 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 balanced valve and a grooved drum equipped.	●
Slewing system	A single-row, four-point contact-ball external slewing bearing; the system is driven by a hydraulic motor through a planetary gear reducer with constant-closed brake equipped, and may continuously slew 360° . Power control and free slewing function as well as stepless speed regulation are available.	●
Elevating system	Single elevating cylinder and the elevating counterbalance valve with the load compensation function. Balance valve-controlled boom gravity combined with power for lowering boom is used for boom elevating down.	●

	Superstructure	Configuration
Operator's cab	Steel cab with a full-view windshield, safety glass, sliding door, adjustable seat with electric heating function; it can tilt backward about 20° ; double-layer sun shield is adopted for roof window; sun shield is also equipped at the windshield and rear window; wipers, roof guardrails, pull-out step, LMI, human-machine interactive control panel, electric controlled armrest, engine accelerator pedal, engine start switch, etc. are also available. Heater, air conditioner and fire extinguisher of 2 kg are standard.	●
Safety devices	Hydraulic counterbalance valve; hydraulic relief valve; hydraulic double-way valve; LMI; lowering limiter; anti-two block; anemometer; winch monitor	●
Combined counterweight	Total weight is 53t. 5 counterweight combinations of 0 t, 12 t, 24 t, 36 t and 53 t are available.	●
Hook block	130t	○
	75t	●
	11t	●

技术规格

Technical specifications

Boom and jib		Configu ration
Boom	6-section boom with U-shaped cross-section, welded structure with single-plate boom head and compact boom tail. Single-cylinder pinning telescoping system, Boom length: 13.9 m~65 m.	●
Jib	The jib consists of a connecting bracket, a rotating bracket and two lattice sections. Three offset angles of 0° , 15° and 30° are available. It is stowed along the side of the boom. Jib length: 11 m,18.5 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 10.9t.	●
Boom extension	Two-section lattice jib, welded structure, attached to boom head. Length of boom extension: 8 m	○
Independent jib head	Lattice jib, welded structure, attached to boom head . Length of independent jib head is 2.9 m	○

Product parts list is as mentioned above.
Please refer to the product quotation for specific parts
● ——Standard
○ ——Optional

重量
Weight



车桥 Axle	1	2	3	4	5	总重量 Total weight
t	10.99	11	11	11	11	54.99 ¹⁾

1)不带起重吊钩、副臂、平衡重、副起升机构及副卷钢丝绳；驱动形式：8×8；轮胎规格：385/95 R 25；



吊钩 Hook	倍率 No. of lines	吊钩重量 Weight kg	吊钩尺寸 Dimensions mm	备注 Remarks
130t	12	1017	1785×730×560	双钩 Double hook，选配 optional
75t	7	530	1500×590×324	双钩 Double hook，标配 Standard
11t	1	296	440×440×744	单钩 Single hook，标配 Standard

作业速度
Working speeds



385/95 R25
(14.00 R25)



1 ~ 90



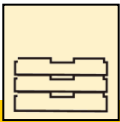
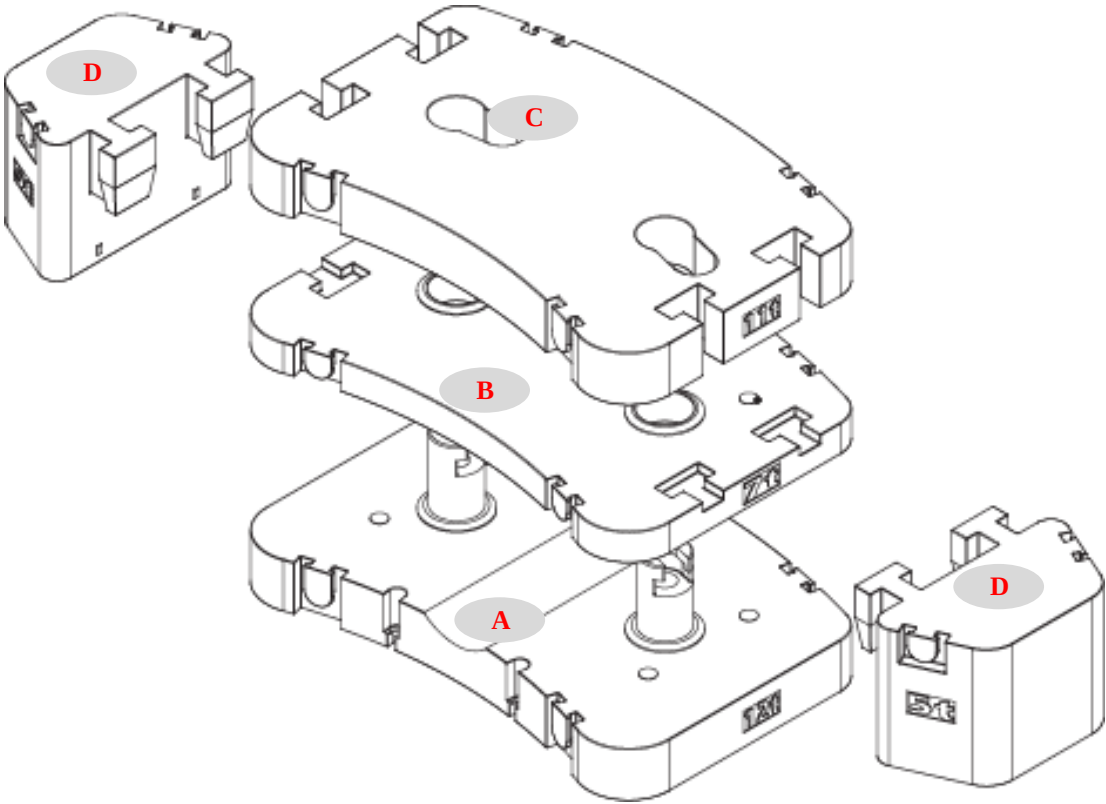
45%



作业机构 Drive	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	107kN	22 mm/320 m
	0-135 m/min，单绳，第四层 m/min, single line, 4th layer	107 kN	22 mm/210 m
	0-1.4 r/min		
	从-1°抬起至82°约65s Approx. 65s for boom elevation from -1° to 82°		
	从13.9m伸出至65m约700s Approx. 700s for boom extension from 13.9m to 65m		

平衡重

Counterweight

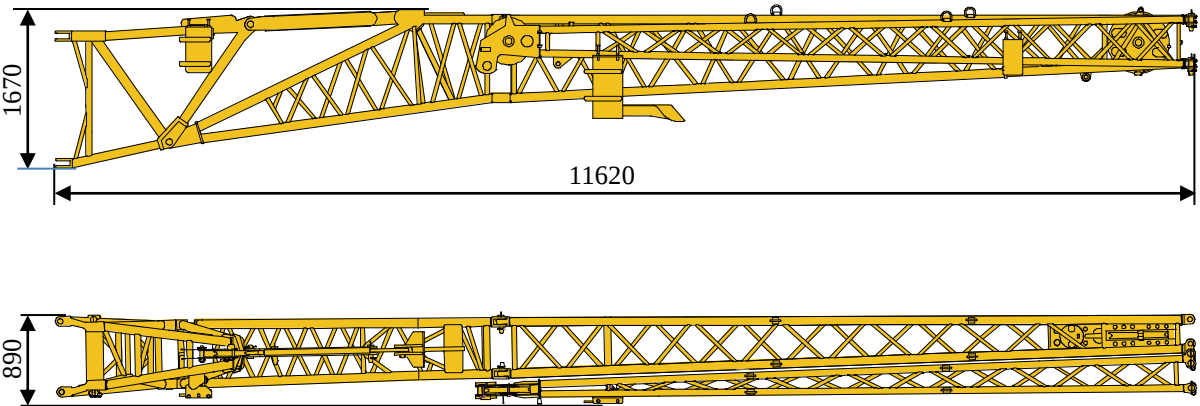


平衡重 Counterweight	A	B	C	D
尺寸 (长×宽×高) m Size (L×W×H) m	2040×2995×1016	2040×2995×359	2040×2995×352	1555×1460×930
重量 t Weight t	12	12	12	8.5

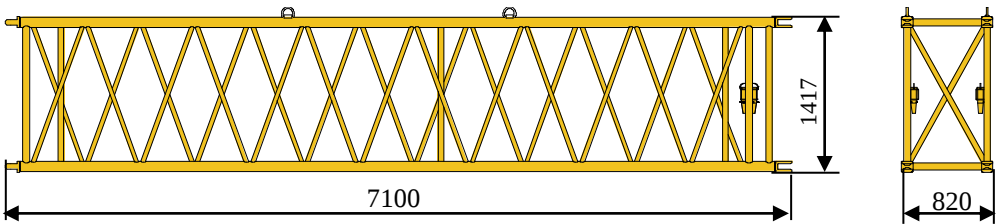
工况模式 Working mode	53t	36t	24t	12t
组合形式 Combinations	A+B+C+2×D	A+B+C	A+B	A

运输部件尺寸
Dimension of transported components

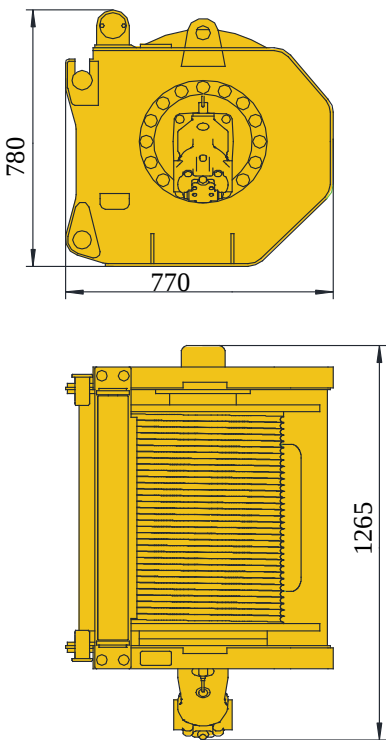
副臂及支架 1750kg
Jib and the bracket 1750kg



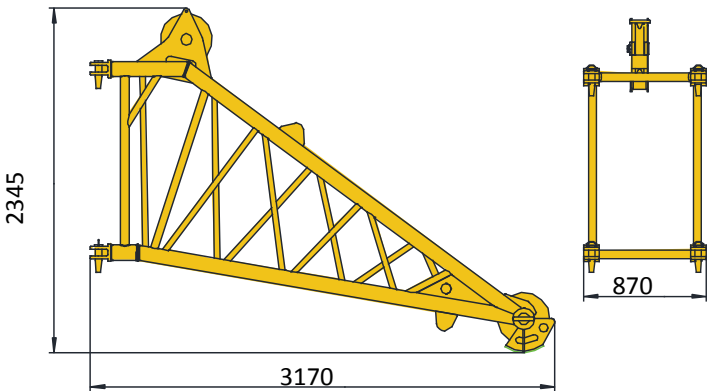
主臂加长节 600kg
Boom extension 600kg



副起升机构 1170kg
Auxiliary winch 1170kg

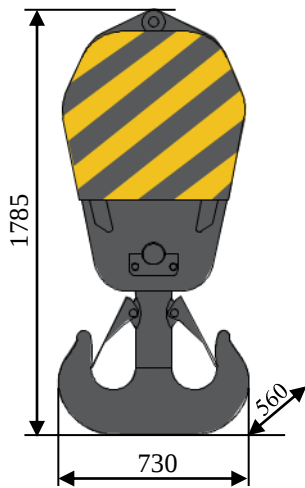


独立臂头 475kg
Independent jib head 475kg

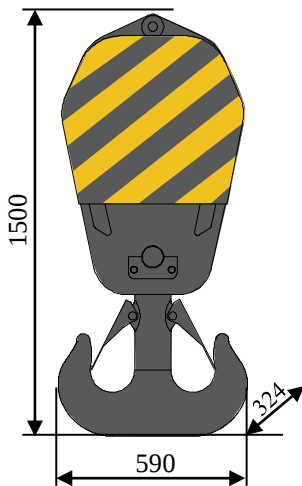


运输部件尺寸
Dimension of transported components

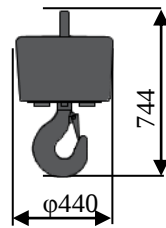
起重钩 1813kg
Hook block 1813kg



130t钩 Hook block
1017kg



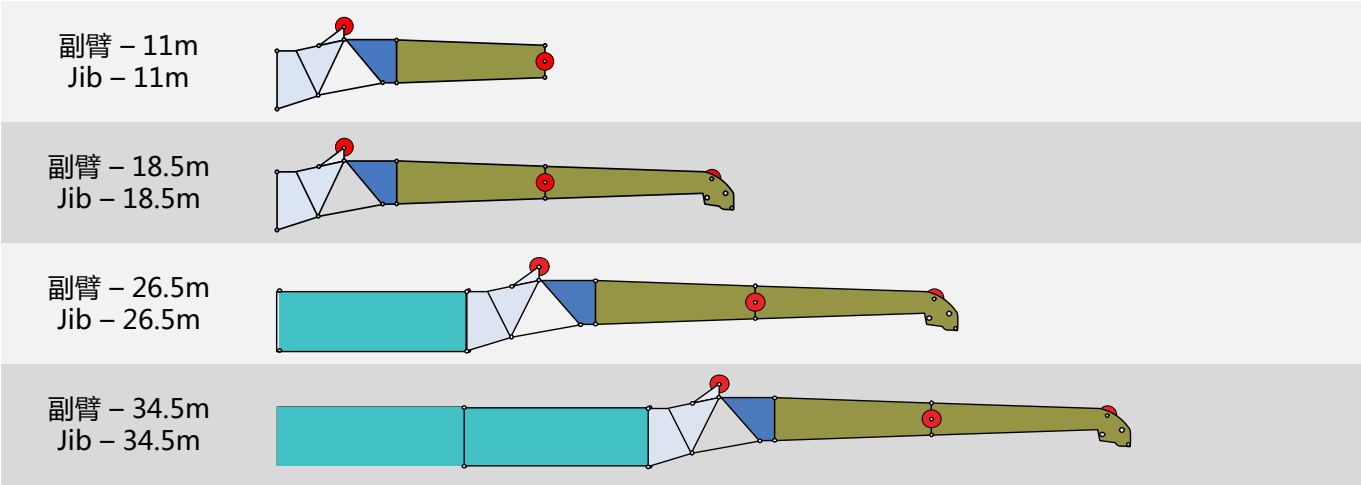
75t钩 Hook block
530kg



11t钩 Hook block
296kg

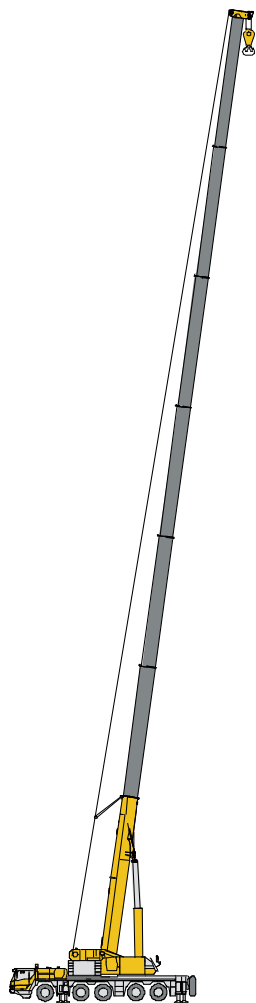
臂架组合方案

Boom / Jib combinations



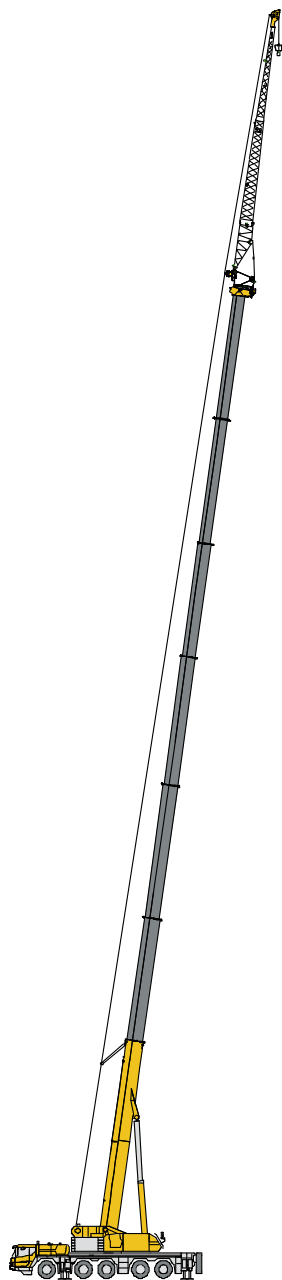
部件 Component	结构形式 Structure	尺寸 (长×宽×高) mm Size (L×W×H) (mm)	重量 kg Weight (kg)
连接架 Connecting bracket		2065×1950×820	353
旋转架 Rotating bracket		3510×1411×695	311
主臂加长节 Telescopic boom extension		7100×1417×820	600
一节副臂总成 First jib section assembly		7130×945×630	477
二节副臂总成 Second jib section assembly		7360×608×450	320

臂架组合方案
Boom / Jib combinations



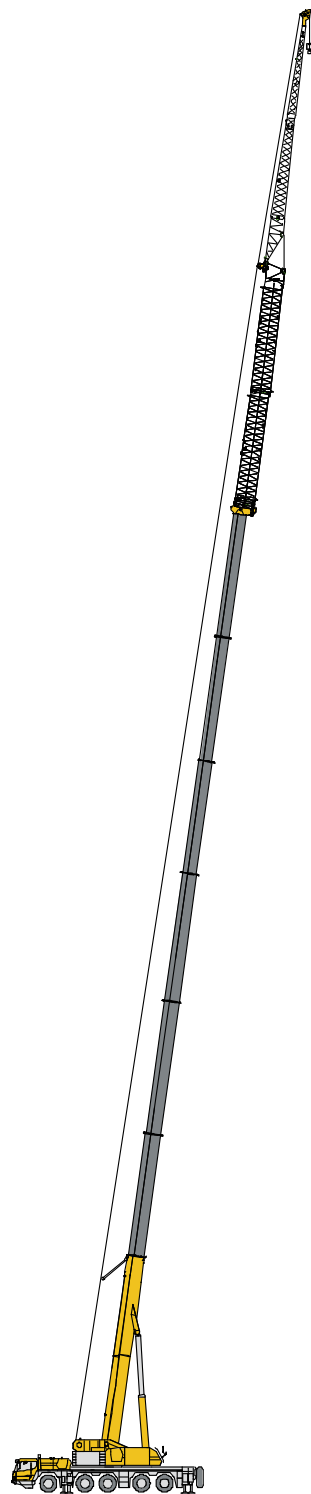
主臂
Telescopic boom

T : 13.9~65m



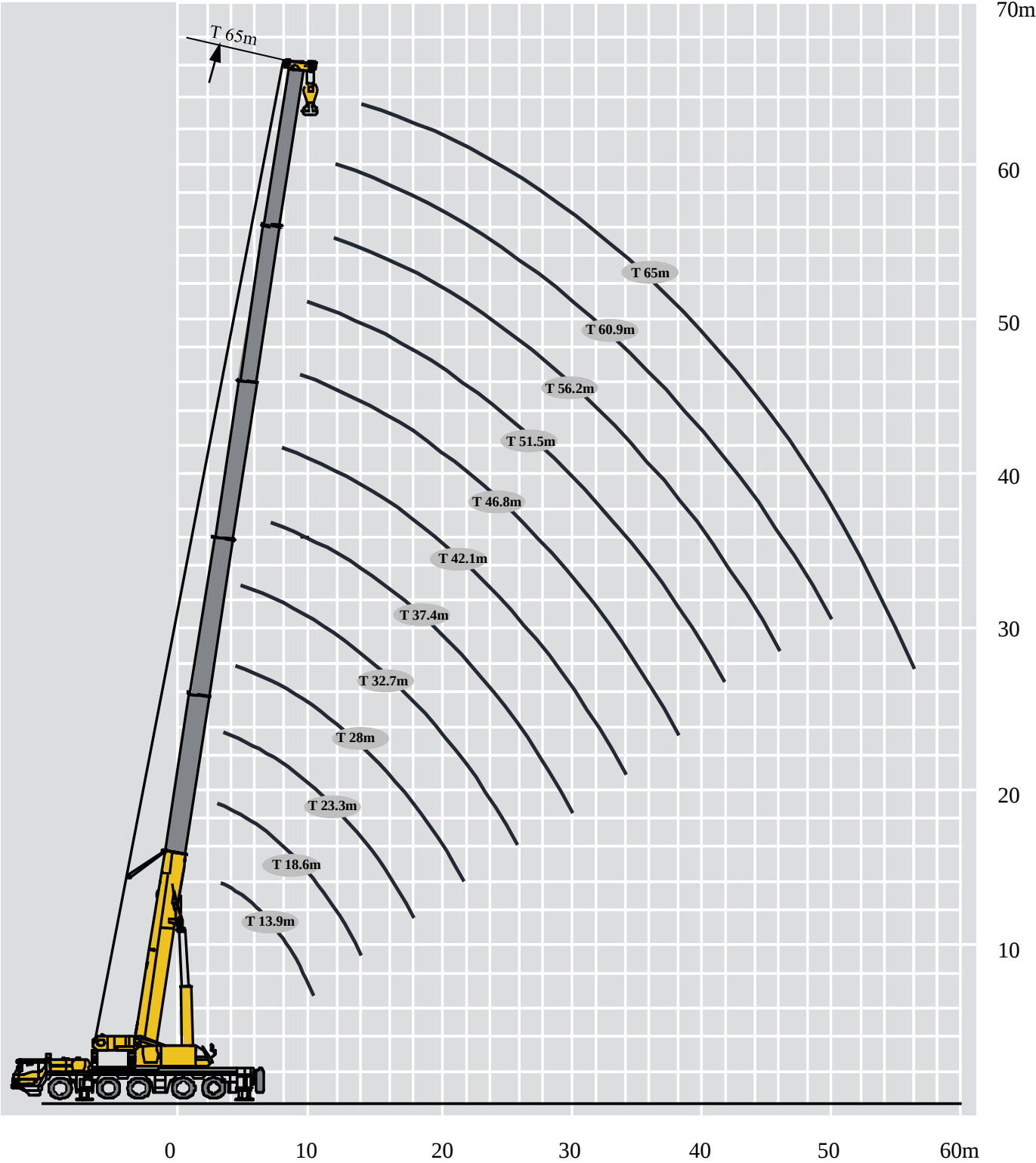
副臂
Jib

T : 56.2~65m
J : 11~18.5 m



主臂加长节
Telescopic boom extension

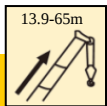
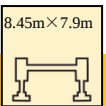
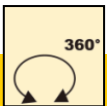
T : 56.2~65m
I : 2×8m
J : 11~18.5m



起重性能表

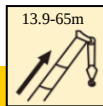
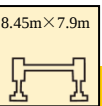
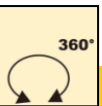
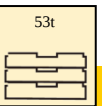
Lifting capacities

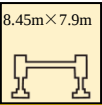
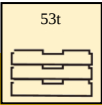
T 13.9~65m

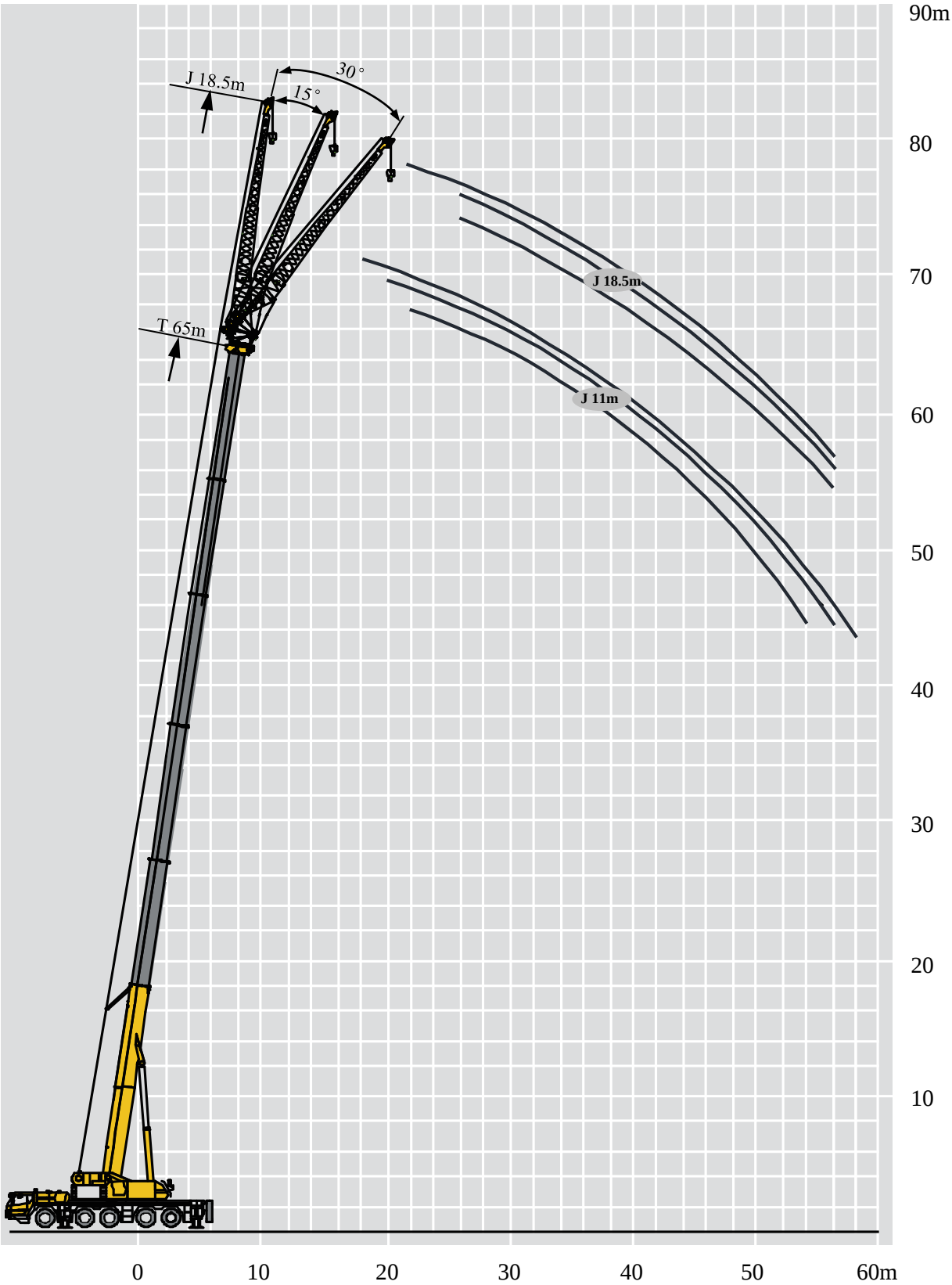
	 13.9-65m		 8.45m×7.9m		 360°		 53t								
	13.9	18.6	18.6	18.6	23.3	23.3	23.3	28	28	28	32.7	32.7	32.7		
3	130														3
3.5	111	68.8	98.0	98.0											3.5
4	102	65.4	97.5	97.5	70.5	93.0	93.0								4
4.5	100	62.4	95.0	95.0	67.6	89.0	89.0	71.3	83.0	83.0					4.5
5	97	59.7	93.0	93.0	64.7	85.0	85.0	68.6	80.0	80.0					5
6	85	54.7	87.0	87.0	60.5	78.0	78.0	64.0	73.0	73.0	53.1	66.5	70.0		6
7	75.8	50.5	80.0	80.0	56.2	73.0	73.0	59.8	68.0	68.0	48.3	62.8	64.0		7
8	65	47.4	74.3	73.6	52.5	69.0	69.0	56.4	64.0	64.0	44.4	59.0	59.0		8
9	57	44.3	65.3	64.6	49.6	65.2	64.1	53.4	60.0	60.0	40.6	56.0	56.0		9
10	50	41.5	58.1	57.4	46.9	58.0	56.9	50.6	57.8	57.5	37.5	53.0	53.0		10
12		37.3	47.3	46.6	42.0	47.2	46.1	46.1	47.0	46.7	32.8	47.4	46.1		12
14		34.3	37.6	36.8	36.7	37.6	36.2	39.7	37.3	37.0	29.2	37.8	36.3		14
16					32.6	30.6	29.3	32.7	30.3	30.0	26.2	30.8	29.4		16
18					27.4	25.5	24.3	27.5	25.2	25.0	23.6	25.8	24.3		18
20								23.6	21.4	21.1	20.6	21.9	20.5		20
22								20.6	18.3	18.1	17.6	18.9	17.5		22
24											15.1	16.4	15.1		24
26											13.1	14.4	13.1		26
组合	00000	00001	00100	01000	00011	01100	11000	00111	02100	11100	00211	01111	11110	组合	

起重性能表
Lifting capacities

T 13.9~65m

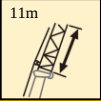
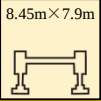
  13.9-65m  8.45m×7.9m  360°  53t														
	37.4	37.4	37.4	42.1	42.1	42.1	46.8	46.8	46.8	51.5	51.5	51.5		
7	56.4	63.0	58.4										7	
8	52.0	58.0	53.1	39.3	51.8	50.2							8	
9	48.0	54.0	48.7	37.1	48.4	46.4	29.2	38.3	40.0				9	
10	44.6	50.0	44.8	35.2	45.4	42.8	27.7	36.3	38.5	26.0	30.4	31.4	10	
12	37.4	44.0	38.0	31.8	39.6	36.2	25.2	32.9	33.6	23.8	28.1	29.3	12	
14	33.4	35.0	33.3	28.8	34.7	32.0	22.9	29.3	29.8	22.0	24.7	25.8	14	
16	30.0	31.7	29.4	26.2	31.5	28.3	21.0	26.0	26.3	20.5	22.0	23.0	16	
18	26.8	26.6	25.1	24.2	26.4	25.2	19.3	23.5	23.7	19.0	19.9	20.5	18	
20	22.9	22.7	21.3	22.3	22.6	22.0	17.8	21.3	21.4	17.8	18.0	18.5	20	
22	19.8	19.6	18.2	20.3	19.5	19.0	16.6	19.5	19.0	16.3	16.4	16.8	22	
24	17.4	17.2	15.8	17.8	17.1	16.5	15.6	17.2	16.5	15.0	15.0	15.3	24	
26	15.3	15.1	13.8	15.7	15.0	14.5	14.5	15.2	14.5	13.9	13.8	14.0	26	
28	13.6	13.4	12.1	14.0	13.3	12.8	13.7	13.5	12.8	12.9	12.8	12.9	28	
30	12.2	12.0	10.6	12.6	11.9	11.4	12.9	12.0	11.3	12.0	11.8	11.5	30	
32				11.3	10.6	10.1	11.6	10.8	10.1	11.2	11.0	10.3	32	
34				10.2	9.5	9.0	10.5	9.7	9.0	10.5	10.0	9.2	34	
36							9.6	8.7	8.0	9.6	9.0	8.2	36	
38							8.7	7.9	7.2	8.7	8.2	7.4	38	
40										8.0	7.4	6.6	40	
42										7.3	6.7	5.9	42	
44										6.7	6.1	5.3	44	
组合	02111	11111	21110	11112	12111	21111	11122	12211	22111	11222	12221	22211	组合	

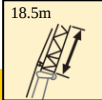
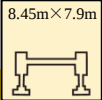
							
		56.2	56.2	60.9	65		
12		22.3	24.0				12
14		21.1	22.7	19.2	15.5		14
16		19.4	20.1	18.2	15.4		16
18		17.5	18.1	16.3	14.9		18
20		15.8	16.3	14.8	13.5		20
22		14.5	14.7	14.0	12.5		22
24		13.3	13.5	12.8	11.6		24
26		12.2	12.3	11.8	10.6		26
28		11.3	11.3	10.8	9.8		28
30		10.5	10.4	10.0	9.1		30
32		9.8	9.7	9.2	8.4		32
34		9.2	9.0	8.6	7.8		34
36		8.5	8.3	7.7	7.2		36
38		8.0	7.7	7.1	6.8		38
40		7.5	6.9	6.9	6.3		40
42		7.0	6.2	6.3	5.8		42
44		6.5	5.6	5.8	5.2		44
46		5.9	5.1	5.5	4.8		46
48		5.4	4.6	5.0	4.4		48
50				4.5	4.3		50
52				4.1	3.9		52
54					3.7		54
56					3.3		56
组合		12222	22221	22222	33333		组合

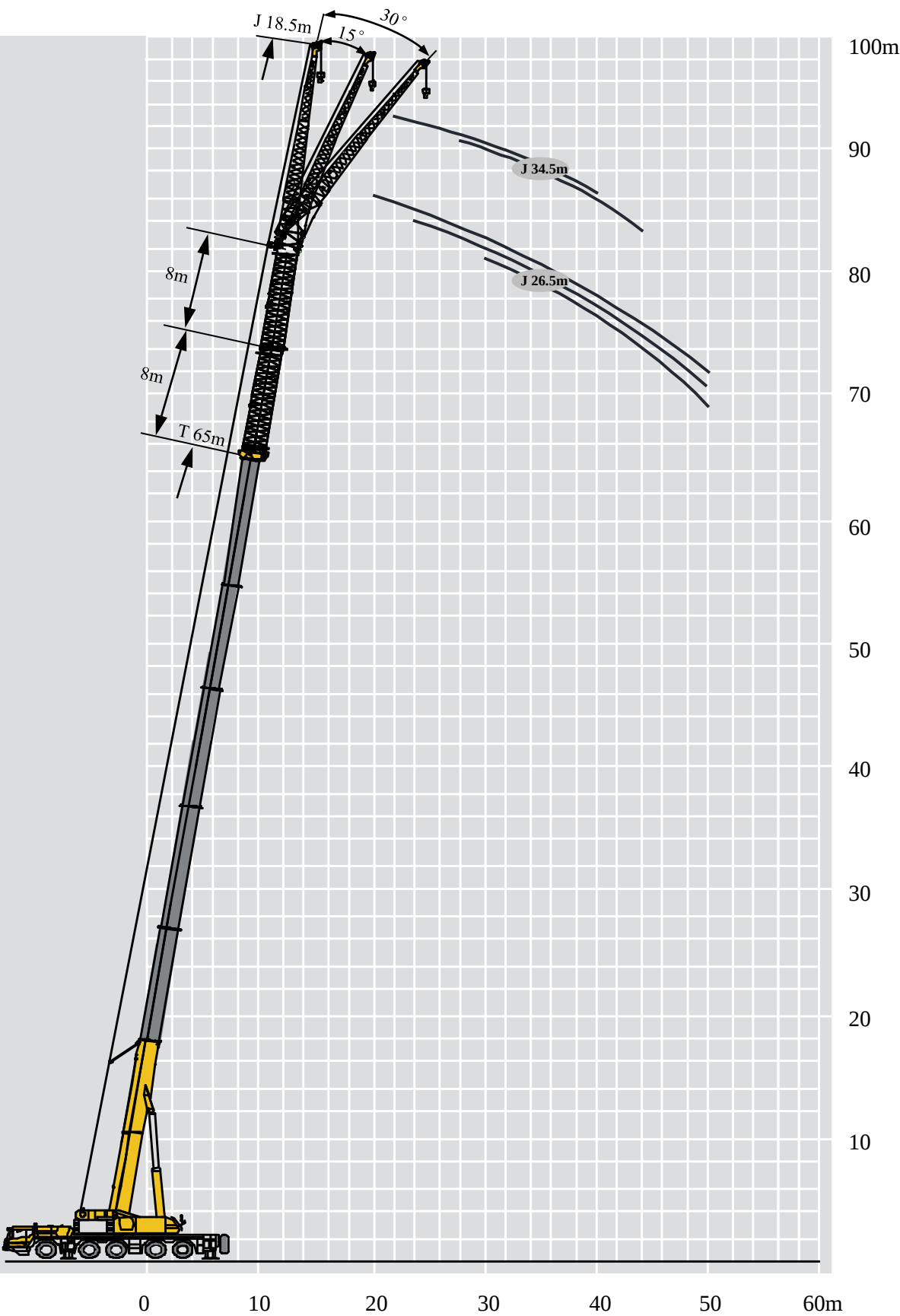


起重性能表
Lifting capacities

J 11m/18.5 m

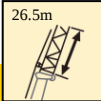
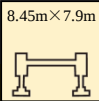
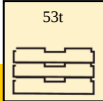
56.2-65m 11m 8.45m×7.9m 360° 53t										
	56.2m			60.9 m			65 m			
	0°	15°	30°	0°	15°	30°	0°	15°	30°	
16	8.6									16
18	8.3	6.2		7.8			7.4			18
20	8.1	5.9	4.4	7.6	5.7		7.2	5.6		20
22	7.8	5.8	4.3	7.4	5.6	4.3	7.1	5.5	4.3	22
24	7.5	5.7	4.2	7.2	5.5	4.1	7.0	5.3	4.0	24
26	7.3	5.5	4.0	7.1	5.4	4.0	6.8	5.2	3.9	26
28	7.1	5.3	3.8	6.8	5.2	3.8	6.6	5.1	3.8	28
30	6.9	5.2	3.7	6.7	5.1	3.7	6.5	4.9	3.6	30
32	6.7	5.1	3.6	6.5	5.0	3.6	6.3	4.8	3.5	32
34	6.4	4.9	3.4	6.4	4.9	3.5	6.2	4.7	3.4	34
36	6.3	4.7	3.3	6.2	4.8	3.4	5.8	4.7	3.3	36
38	6.2	4.3	3.2	6.0	4.6	3.2	5.4	4.6	3.2	38
40	6.0	4.2	3.1	5.6	4.4	3.1	5.0	4.4	3.1	40
42	5.7	4.1	3.1	5.2	4.2	3.0	4.6	4.3	3.0	42
44	5.3	4.0	3.0	4.8	4.1	3.1	4.2	4.2	3.0	44
46	5.0	3.8	2.9	4.5	4.0	3.0	3.9	3.9	2.9	46
48		3.8	2.9	4.1	3.8	2.9	3.7	3.7	2.9	48
50		3.6	2.8		3.7	2.8	3.4	3.4	2.8	50
52			2.6		3.4	2.9	3.1	3.2	2.8	52
54			2.4			2.6		2.7	2.8	54
56						2.4			2.4	56
58									2.2	58
组合	22221			22222			33333			组合

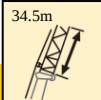
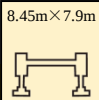
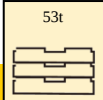
56.2-65m 18.5m 8.45m×7.9m 360° 53t										
	56.2m			60.9 m			65 m			
	0°	15°	30°	0°	15°	30°	0°	15°	30°	
18	4.1									18
20	4.0			3.8						20
22	4.0	2.7		3.7			3.4			22
24	4.0	2.6		3.7	2.6		3.4	2.6		24
26	3.9	2.5	1.6	3.6	2.5		3.3	2.5		26
28	3.6	2.4	1.5	3.6	2.3	1.5	3.3	2.3	1.6	28
30	3.4	2.3	1.4	3.5	2.2	1.4	3.3	2.2	1.5	30
32	3.1	2.2	1.5	3.3	2.1	1.4	3.2	2.1	1.4	32
34	3.0	2.1	1.4	3.2	2.0	1.4	3.2	2.0	1.5	34
36	2.8	2.0	1.3	3.0	1.9	1.3	3.0	1.9	1.4	36
38	2.7	1.8	1.3	2.8	1.7	1.3	2.9	1.7	1.3	38
40	2.6	1.7	1.3	2.7	1.6	1.3	2.8	1.6	1.4	40
42	2.5	1.6	1.2	2.6	1.6	1.2	2.6	1.5	1.3	42
44	2.3	1.6	1.2	2.4	1.6	1.2	2.5	1.5	1.3	44
46	2.2	1.6	1.2	2.3	1.5	1.2	2.4	1.5	1.1	46
48	2.1	1.5	1.2	2.2	1.5	1.2	2.3	1.4	1.2	48
50	2.0	1.5	1.2	2.1	1.4	1.2	2.1	1.4	1.1	50
52		1.4	1.1	1.9	1.4	1.1	2.0	1.4	1.2	52
54		1.4	1.1	1.9	1.4	1.1	2.1	1.4	1.1	54
56			1.0		1.3	1.1	2.0	1.4	1.1	56
58			1.0		1.1	1.1		1.3	1.1	58
60						1.0		1.3	1.0	60
62						1.0			1.0	62
64									1.0	64
组合	22221			22222			33333			组合



起重性能表
Lifting capacities

I 8m/16m

56.2-65m 26.5m 8.45m×7.9m 360° 53t										
	56.2+8			60.9+8			65+8			
	18.5 m									
	0°	15°	30°	0°	15°	30°	0°	15°	30°	
18	3.6									18
20	3.6			3.2						20
22	3.6			3.2			3.1			22
24	3.5	2.6		3.2			3.0			24
26	3.5	2.5		3.2	2.5		3.0			26
28	3.5	2.4		3.1	2.4		3.0	2.4		28
30	3.4	2.2	1.6	3.1	2.3		3.0	2.4		30
32	3.3	2.1	1.6	3.1	2.2	1.5	3.0	2.2	1.5	32
34	3.3	2.0	1.5	3.0	2.1	1.5	2.9	2.1	1.5	34
36	3.1	1.9	1.4	3.0	1.9	1.4	2.9	2.0	1.4	36
38	3.0	1.8	1.3	3.0	1.9	1.4	2.9	1.9	1.4	38
40	2.9	1.8	1.3	2.9	1.8	1.3	2.8	1.9	1.3	40
42	2.7	1.8	1.3	2.7	1.7	1.3	2.8	1.8	1.3	42
44	2.5	1.7	1.2	2.6	1.7	1.3	2.8	1.8	1.3	44
46	2.3	1.5	1.2	2.5	1.7	1.3	2.7	1.7	1.2	46
48	2.2	1.6	1.2	2.4	1.6	1.2	2.6	1.6	1.2	48
50	2.1	1.5	1.2	2.2	1.5	1.2	2.5	1.6	1.2	50
52	2.0	1.4	1.1	2.1	1.6	1.2	2.4	1.6	1.1	52
54	2.1	1.5	1.1	2.1	1.5	1.2	2.2	1.6	1.1	54
56	2.0	1.4	1.1	2.1	1.4	1.2	2.1	1.4	1.1	56
58		1.3	1.0	2.0	1.5	1.1	2.0	1.4	1.1	58
60		1.2	1.0	1.8	1.4	1.1	1.8	1.4	1.1	60
62			1.0		1.3	1.0	1.7	1.3	1.0	62
64						1.0		1.3	1.0	64
66									1.0	66
组合	22221			22222			33333			组合

56.2-65m 34.5m 8.45m×7.9m 360° 53t											
56.2+16			60.9+16				65+16				
18.5 m											
	0°	15°	30°	0°	15°	30°	0°	15°	30°		
22	3.0			2.7						22	
24	3.0			2.7			2.5			24	
26	3.0			2.7			2.5			26	
28	3.0			2.7			2.5			28	
30	2.9	2.4		2.7	2.4		2.5	2.3		30	
32	2.9	2.3		2.6	2.3		2.4	2.3		32	
34	2.9	2.2		2.6	2.3		2.4	2.3		34	
36	2.9	2.0	1.5	2.6	2.1		2.4	2.2		36	
38	2.9	2.0	1.4	2.6	2.0	1.5	2.3	2.0	1.5	38	
40	2.8	2.0	1.4	2.6	2.0	1.4	2.3	2.0	1.4	40	
42	2.8	1.8	1.4	2.5	2.0	1.4	2.3	2.0	1.4	42	
44	2.7	1.8	1.4	2.5	1.8	1.4	2.3	1.9	1.4	44	
46	2.5	1.8	1.3	2.5	1.8	1.3	2.2	1.9	1.4	46	
48	2.5	1.6	1.3	2.4	1.8	1.3	2.2	1.8	1.3	48	
50	2.5	1.6	1.3	2.4	1.8	1.3	2.2	1.8	1.3	50	
52	2.3	1.6	1.3	2.3	1.6	1.3	2.1	1.7	1.3	52	
54	2.2	1.5	1.2	2.2	1.6	1.3	2.0	1.6	1.3	54	
56	2.1	1.5	1.1	2.1	1.5	1.3	1.9	1.6	1.3	56	
58	2.1	1.5	1.1	1.8	1.5	1.2	1.4	1.6	1.3	58	
60	2.0	1.4	1.1	1.8	1.5	1.1	1.3	1.6	1.3	60	
62	2.0	1.4	1.1	1.7	1.5	1.1		1.2	1.2	62	
64		1.4	1.1		1.4	1.1			1.0	64	
66			1.1			1.1				66	
组合	22221			22222				33333			组合

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 Driving speed
	工作幅度 Radius		爬坡能力 Gradability
	吊臂仰角 Boom position		轮胎 Tyres
	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
	独立臂头 Independent jib head		360°全回转 360° rotation
	主臂加长节 Boom extension		

主要技术参数表
Transportation plan

类别 Category	项目 Item		单位 Unit	参数 Parameter	
尺寸参数 Dimensions	外形尺寸 (长×宽×高) Outline size (lengthch×width×height)		mm	15785×3000×3995	
	轴距 Wheel base		mm	2200+3050+1500+1500	
	轮距 (前/后) Track (Front/ Rear)		mm	2528/2528/2518/2518/2518	
	前悬/后悬 Front/ Rear overhang		mm	2695/2765	
	前伸/后伸 Front/ Rear extension		mm	2035/40	
重量参数 Weight	最大允许总质量		kg	54900	
	轴荷	一轴 1st axle	kg	10990	
		二轴 2nd axle	kg	11000	
		三轴 3rd axle	kg	11000	
		四轴 4th axle	kg	11000	
		五轴 5th axle	kg	11000	
动力参数 Power	发动机型号 Engine model		——	MC13.48-50 (国五)	WP12.460E62 (国六)
	额定功率/转速 Engine rated power/rpm		kW/(r/min)	356/1900	338/1900
	最大净功率/转速 Max. net power/rpm		kW/(r/min)	353/1900	333/1900
	最大输出扭矩/转速 Engine rated torque/rpm		N.m/(r/min)	2300/1050-1400	2200/1000-1400
行驶参数 Travel	最高车速 Max. travel speed		km/h	≥90	
	最低稳定车速 Min. travel speed		km/h	3	
	最小转弯直径 Min. turning diameter		m	≤20	
	臂头最小转弯直径 Min. turning diameter at boom tip		m	≤23	
	最小离地间隙 Min. ground clearance		mm	380	
	接近角 Approach angle		°	20	
	离去角 Departure angle		°	14	
	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	65	
噪音 Noise	加速行驶机外噪声 Exterior noise level		dB(A)	≤88	
	驾驶员耳旁噪声 Noise level at seated position		dB(A)	≤90	

主要技术参数表
Transportation plan

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	130
	最小额定工作幅度 Min. rated working radius			m	3
	转台尾部回转半径 Turning radius at turntable tail	平衡重处 Counterweight		mm	5112
		副卷处 Auxiliary winch		mm	5110
	最大起重力矩 Max. load moment	基本臂 Base boom		kN.m	5200
		最长主臂 Fully-extended boom		kN.m	2728
		最长主臂+副臂 Fully-extended boom + Jib		kN.m	1050
	支腿跨距 Outrigger span	纵向 Longitudinal		m	8.45
		横向 Lateral		m	7.9
	起升高度 Hoist height	基本臂 Base boom		m	14
		最长主臂 Fully-extended boom		m	64.1
		最长主臂+副臂 Fully-extended boom + Jib		m	95.5
	起重臂长度 Boom length	基本臂 Base boom		m	13.9
		最长主臂 Fully-extended boom		m	65
		最长主臂+副臂 Fully-extended boom + Jib		m	99.5
	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	≤65
	起重臂全伸时间 Boom fully extended time			s	≤650
	回转速度 Max. slewing speed			r/min	0~1.4
	支腿收放时间Outrigger extending and retracting time	水平支腿 Outrigger beam	收 Retracting	s	≤40
			放 Extending	s	≤40
		垂直支腿 Outrigger jack	收 Retracting	s	≤50
			放 Extending	s	≤50
	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	0~135
		副起升机构 Auxiliary winch		m/min	0~135
噪声 Noise	机外辐射 Exterior noise level			dB (A)	≤110
	司机位置处 Noise level at seated position			dB (A)	≤85

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 loads given in the rated load charts are the maximum lifting capacity when the crane is set up on firm and level ground, which includes the weight of the hook block and slings. The weight of above-mentioned devices should be deducted to correctly calculate the load weight.
2. The working radius shown in the rated load charts is the radius when the load is lifted off the ground, and it is the actual value including loaded boom deflection.
3. A lifting operation is permissible only when the wind force is below grade 5 (instantaneous wind speed is 14.1 m/s, wind pressure is 125 N/m²).
4. Before beginning lifting operation, the operator should know the weight of the load to be lifted and its working range, and then select proper working conditions. Never operate the crane beyond the limit shown in the chart. Use the lower value from the chart when the boom length or working radius is between the range of 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. The boom length given in the rated load charts should accord with the telescoping code of boom sections .



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