XCA3000BR全地面起重机
XCA 3000BR All Terrain Crane

技术规格书
Technical specifications



3000t



68.6m



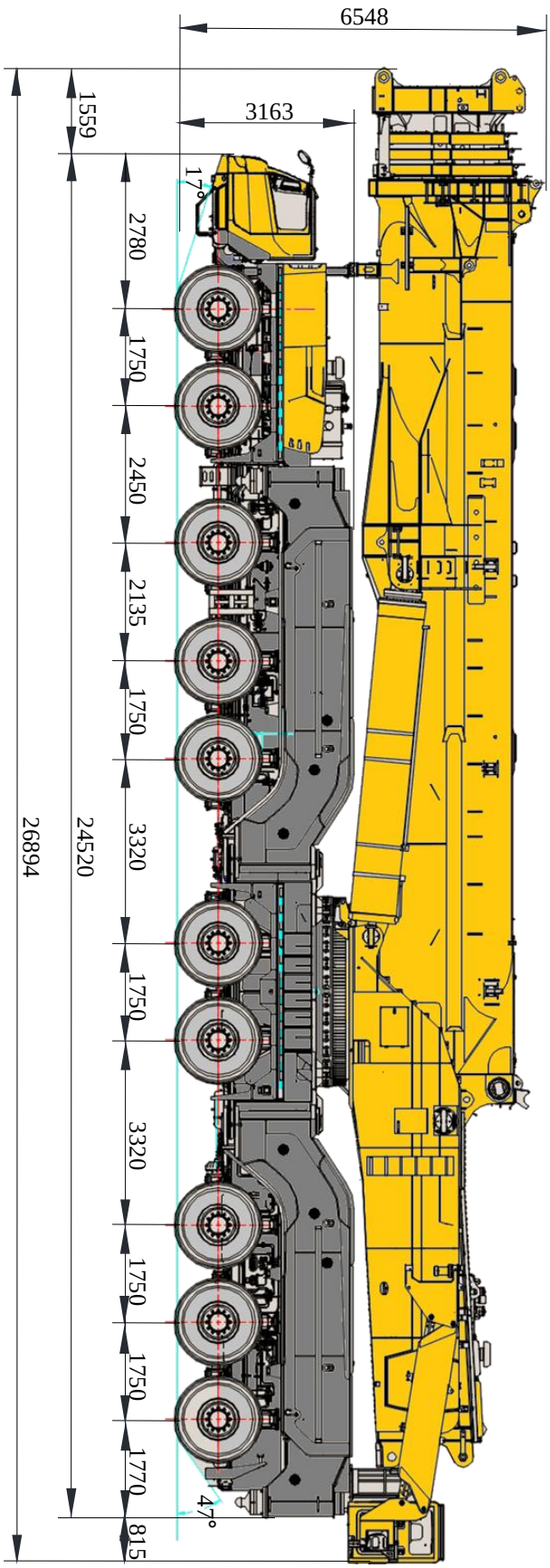
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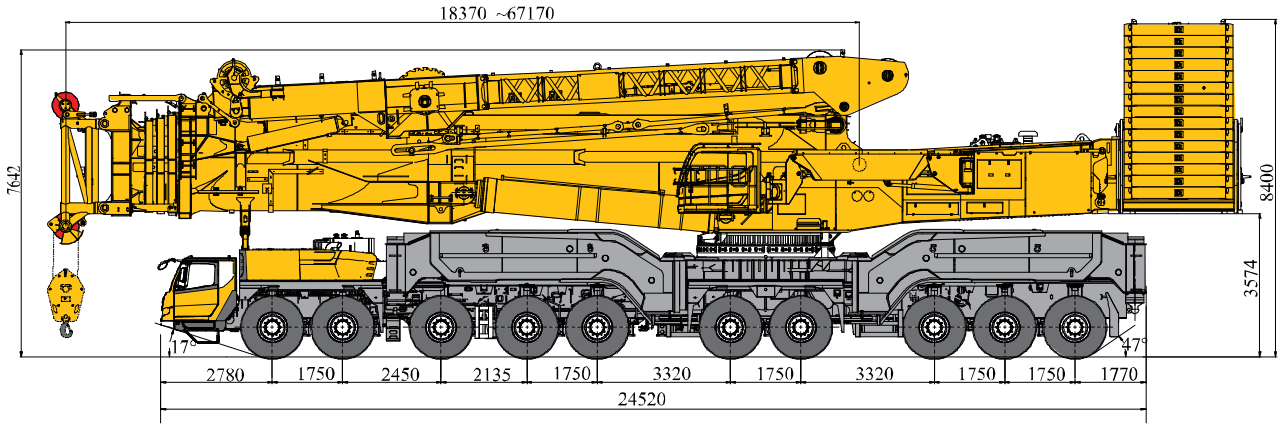
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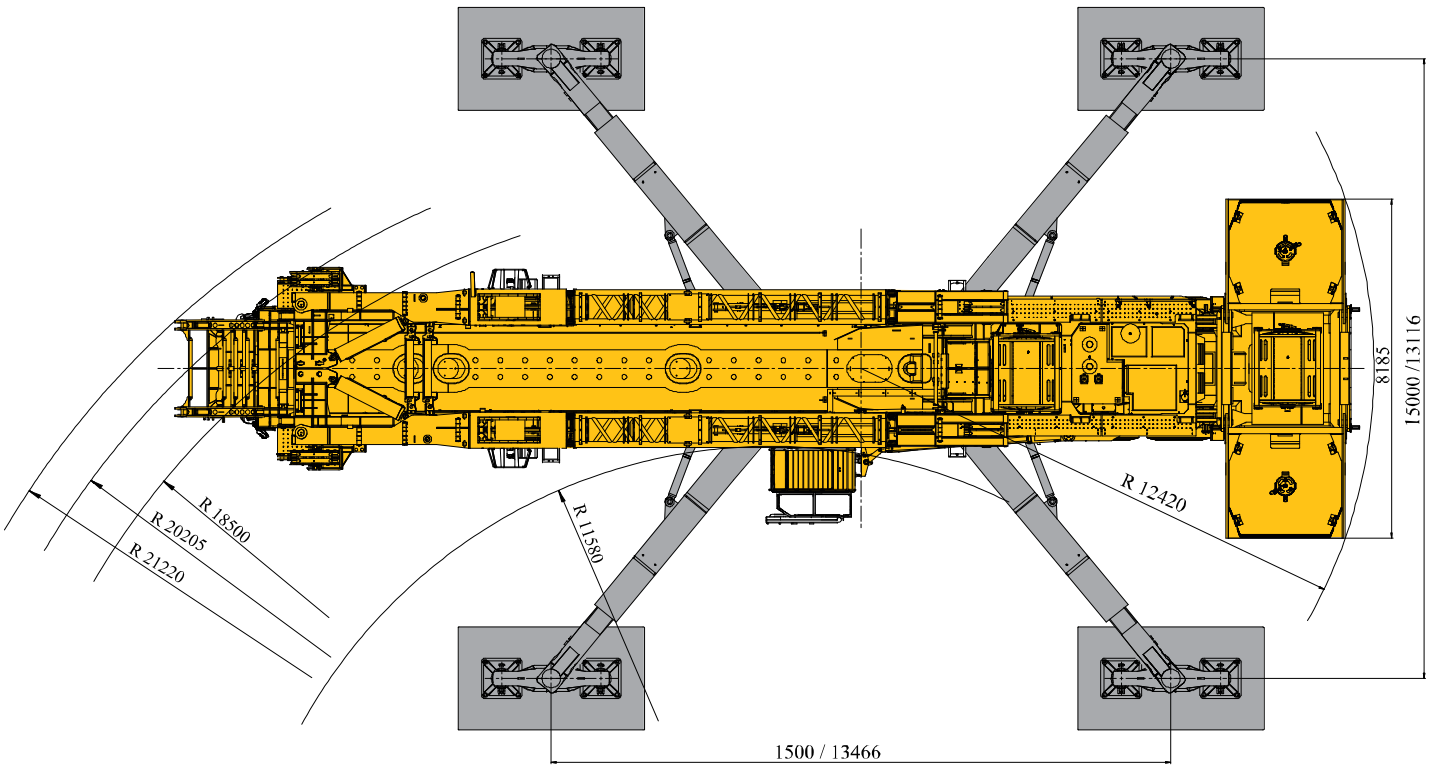
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尺寸参数
Dimensions



尺寸参数
Dimensions





技术规格
Technical specifications

 底盘	
车架	徐工设计、制造，高强度钢材制造，具有可拆卸功能的箱型支腿结构。
支腿	X形布置，4点支撑，支腿跨距全伸：15000×15000mm，全液压水平和垂直伸缩，电子水平仪监测。最大支腿反力：410t。
发动机	潍柴WP17G770E304，V型八缸、水冷却、增压中冷、柴油发动机，潍柴制造，额定功率566kW /1900rpm，最大扭矩3000N.m /（1200~1500）rpm。 非道路III阶段排放标准。 燃油箱容积：600L。
液压系统	散热油泵通过传动轴与发动机前取力口相连，转向、悬挂、支腿公用一柱塞变量泵，与发动机后取力口相连。
变速箱	德国ZF原装进口电控变速箱，手动MT和自动AT操纵、带变矩器、缓速制动，12个前进档，2个倒档。
车桥	采用德国Kessler独立悬挂车桥，10桥，其中1、2、3、5、6、7机械六桥驱动，8、9桥标配液压驱动，全桥转向。
悬挂	所有车桥均采用油气悬挂系统，减震效果好，具有自动调平、悬架升降、弹性刚性转换等功能。 悬架油缸行程：-130mm～+170mm。
轮胎	进口高承载普利司通轮胎。 轮胎规格：505/95R25（18.00R25）
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1~6、7~10轴车轮。 辅助制动：发动机制动，变速箱缓速制动。
驾驶室	新型钢结构豪华全宽驾驶室，采用悬浮式连接结构，后部装有减震器。配备电动升降器的安全玻璃、可调式座椅、电动调节后视镜、可调节高度及角度方向盘，倒车显示器、大屏幕彩色液晶显示器等。新型组合式中控台布局安全合理，采用圆弧造型，体现人性化的设计。 标配音响、冷暖空调。
电气系统	直流24伏特，4个12伏电池组，2个12电池组串联，2组并联。

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	电比例变量泵用于变幅、伸缩，闭式泵用于起升、回转；主阀通过插装阀芯的逻辑控制，实现伸缩、变幅等动作；大功率风冷式液压油冷却器，有效降低系统油温。
操纵方式	先导比例操纵，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	由液压马达驱动，内置行星齿轮减速器和常闭式制动器。专用防乱绳卷筒，抗缠绕钢丝绳。
发动机	WP17G770E302，V型八缸、水冷却、增压中冷、柴油发动机，潍柴制造，额定功率566kW /2100rpm，最大扭矩3000N.m /（1200~1500）rpm，国III排放标准。 燃油箱容积：590L。
回转机构	三排滚柱外齿式回转支承，双回转机构，由液压马达驱动，内置行星齿轮减速器和常闭式制动器，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。
操纵室	按人机工程学设计，安全舒适，装有安全玻璃和顶部保护栏；前窗及顶窗装有遮阳板，推拉式车门，配有带防护栏杆的走台板，方便上下操作室；通过摆臂安装在转台上，可围绕转台上的摆臂安装点前后及上下旋转，方便人员出入，并能绕后铰点向后旋转，扩大视野。
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；风速仪，检测高空风速。
电气系统	直流24伏特，2个12伏电池组串联。
力矩限制器	当实际力矩接近过载时，发出听视觉警报，并在过载之前自动停止危险动作。具有超载记忆功能（黑匣子）和故障自诊断功能。
组合配重	平衡重支架A：20t 平衡重挂篮B：10t 平衡重块C：10t
吊钩	240t钩
主臂	5节，U形截面的筒形焊接结构，下圆弧为椭圆形。采用双缸头伸缩油缸，新型缸销同步驱动系统，单缸插销伸缩系统更加安全可靠。有0%、46%、92%和全伸模式可供选择。末节臂采用插入式臂头，配合独立臂头进行主臂工况吊装。主臂长度19.8m～68.6m。（含独立臂头）
超起	Y型，安装在基本臂端部，4倍率超起钢丝绳设计。
风电臂	风电臂：50m、60m、70m、80m、90m、100m和110m。

技术规格
Technical specifications



Chassis

Frame	Designed and manufactured by XCMG, made of high-strength steel, with removable box-structure outriggers.
Outriggers	4 outriggers are arranged in X shape, four-point supporting, with fully-extended outrigger span of 15000×15000 mm; hydraulic control; monitored by electric level gauge. Reaction force of outrigger at max. lifting load: 410t.
Engine	Weichai engine WP17G770E304; V type 8-cylinder, water cooled, supercharging intercooler, diesel engine, manufactured by Weichai, with rated power of 566 kW /1900 rpm, and max. torque of 3000 N.m /(1200~1500) rpm; compliant with Off-road Stage III emission standard. Fuel tank capacity: 600 L.
Hydraulic system	The oil pump for heat dissipation is connected to the PTO port in front of the engine through a transmission shaft, and the variable displacement pump shared for steering, suspensions and outriggers, is connected to the PTO port at the rear of the engine.
Transmission	German originally imported ZF electrical-control transmission has both MT and AT, torque converter and retarder as well as 12 forward gears and 2 reverse gears.
Axles	German Kessler independent suspension axles with 10 axles. Axle 1, 2, 3, 5, 6 and 7 for mechanical driving; standard hydraulic driving axles for Axle 8 and 9 with all wheel steering.
Suspensions	Hydro-pneumatic suspension system has good shock-absorbing effect. Various functions such as automatic leveling, moving up and down of suspension, and switching over of elastic and rigid suspension are available. The full stroke of suspension cylinder is -130mm ~ +170mm.
Tire	Imported Bridgestone tire with high bearing capacity. Tire specifications: 505/95R25（18.00R25）
Brakes	Service brake: dual-circuit air pressure brake, acting on all wheels. Parking brake: spring-loaded brake, acting on wheels of axles 1~6 and 7~10. Auxiliary brake: engine brake and transmission retarder brake.
Driver's cab	Full dimension steel structure luxury cab has suspension connection structure and rear damper. It is also equipped with adjustable seats, safety glass, electrically operated door window lifter, electric-adjustable mirrors, steering wheel adjustable in height and angle, reverse displayer, and large screen liquid crystal display, etc. New combined central control panel is reasonably arranged in arc shape, presenting human-oriented design concept. Heater, air conditioner and audio system are standard.
Electrical system	24V DC; four 12V battery packs, with two packs in series connection to form two sets, and the two sets in parallel connection.

技术规格
Technical specifications

	Superstructure
Frame	Designed and manufactured by XCMG, made of high-strength steel.
Hydraulic system	Electric proportional variable displacement pump is used for luffing and telescoping; closed pump is used for lifting and slewing; through logic control of plug-in valve spool, main valve is used to control telescoping and luffing operation; and large power air-cooled hydraulic oil radiator can effectively reduce the oil temperature.
Control system	The pilot proportional 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	Driven by a hydraulic motor, with build-in planetary gear reducer and constant-closed brake. Specific anti-disorder rope winding drum and anti-coiling wire rope are available.
Engine	WP17G770E302; V type 8-cylinder, water cooled, supercharging intercooler, diesel engine, manufactured by Weichai, with rated power of 566kW /2100rpm, and max. torque of 3000 N.m /(1200~1500) rpm; compliant with China III emission standard. Fuel tank capacity: 590 L.
Slewing system	Three-point roller external tooth slewing ring with a dual slewing mechanism is driven by hydraulic motor. With built-in planetary gear reducer and constant-closed brake equipped, continuous 360° slewing, power control, free slewing function and stepless speed regulation are available.
Operator's cab	The cab is ergonomically designed. Safety glass for windows, sunvisors for windshield and roof window are used. Protective grilles are installed for protecting the roof window. A sliding door and a catwalk with protective handrails are available to make it easy and safe as access and exit the cab. The cab is connected with the turntable through an swing arm, which enables the cab to move forwards/backWards and upwards/downwards, facilitating the operator to get on/off the cab. The cab is designed to turn backWards around the rear pivot to enlarge the operator's field of view.
Safety device	Hydraulic counterbalance valve, hydraulic relief valve, hydraulic double-way valve, LMI are available. Lowering limiter is equipped in winch to prevent rope over-releasing. Anti-two block is fitted on the boom head to prevent rope over-winding. Anemometer is equipped to check whether aerial wind velocity is in safe working range.
Electrical system	DC 24 V, with 2 sets of 12 V batteries in series.
LMI	When the actual load moment is approaching overloading value, audible and visual warning will be sent out, and the dangerous operation will be automatically stopped ahead of overloading. Overload memory function (black box) and fault self-diagnosis function are available.
Combined counterweight	Counterweight slab A: 20 t Counterweight slab B: 10 t Counterweight slab C: 10 t
Hook block	240 t hook block
Boom	5-section boom with U-shaped cross-section, welded structure with an oval lower arc. 2-cylinder pin telescoping cylinder is available. A new type cylinder pin synchronizer driving system and a single-cylinder pinning telescoping system are adopted to guarantee the synchrony of the two cylinder pins. The single cylinder pinning telescoping system is safer and more reliable. 0%, 46%, 92% and fully-extended telescoping modes can be realized. Boom length 19.8m ~ 68.6m (including the independent jib head).
Super lifting device	Y-shaped, installed at the top of the base boom, with a wire rope with four parts of line.
Wind power jib	50m, 60m.,70m, 80m, 90m100m and 110m.

车型与选装件
Version and optional equipment

车型	功能描述	选择
标准型	**主臂+超起+风电臂配置：**五节主臂68.6m，风电臂110m，360吨平衡重，240t钩	

注释：该产品仅标准型一种车型。

可选装件		选择
副卷	副卷总成	
吊钩	300t钩	
	150t钩	
轮胎	525/80R25	

注释：可选装件为通用可选

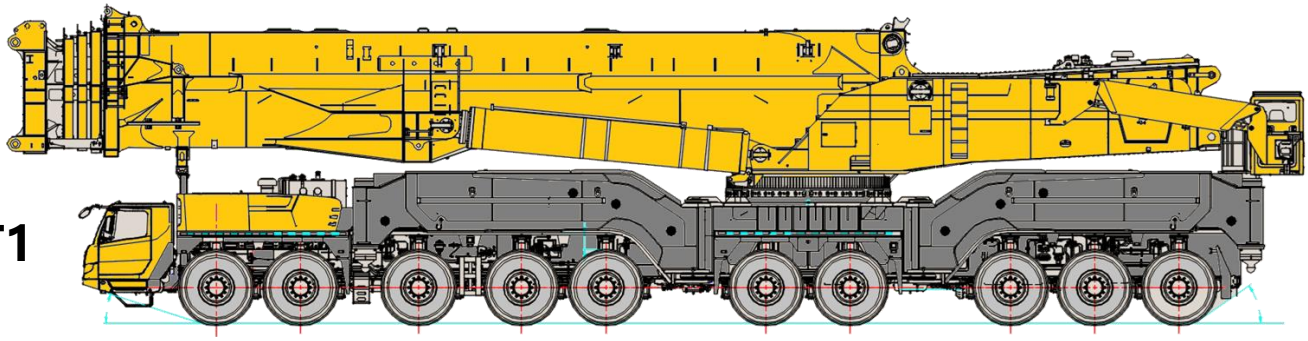
车型与选装件
Version and optional equipment

Version	Function description	Selection
Standard	**Boom +super lifting device +wind power jib** (5-section boom of 68.6 m, wind power jib of 110 m, counterweight of 360 t and hook block of 240 t)	
Note	**This product only has the standard model.**	

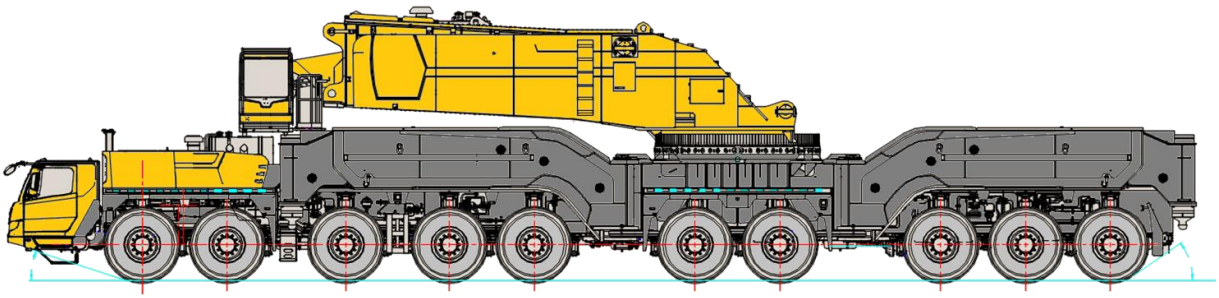
Optional equipment		Selection
Auxiliary winch	Auxiliary winch assembly	
Hook block	300 t	
	150 t	
Tire	525/80R25	
Notes: **The optional equipment is available to all the versions.**		

重量
Weight

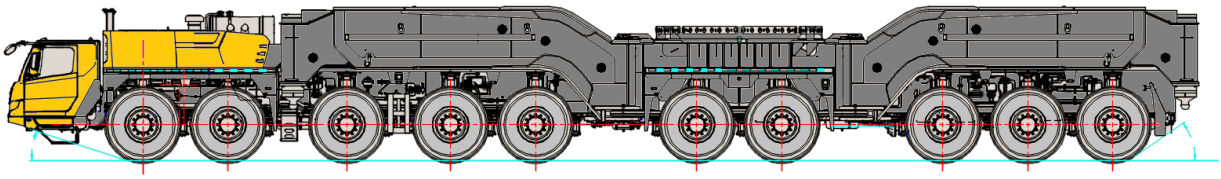
T1



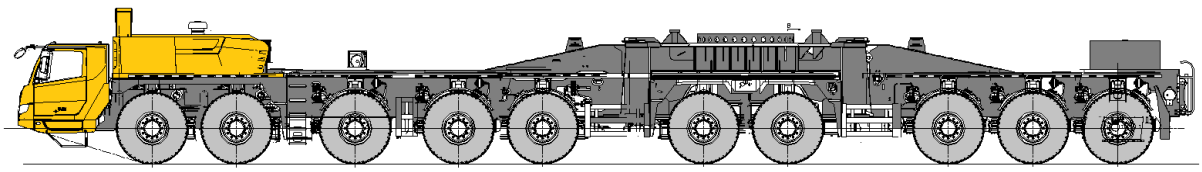
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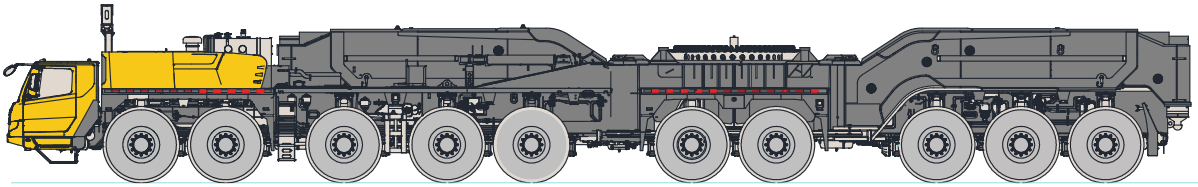
T3



T4



T5



重量
Weight

转场状态 Jobsite transfer mode	转场类型 Type	总质量 Total weight (T)	最高车速 Max. travel speed (km/h)	最大爬坡能力 Max. grade ability (%)	外形尺寸 Dimensions（m）
1	T1	317	10	20	26.9×3.5×6.55
2	T2	192	50	36	24.52×3.5×5.62
3	T3	125	80	60	24.52×3.5×3.24
4	T4	75	80	60	24×3.5×3.24
5	T5	100	80	60	24.52×3.5×3.24

转场状态携带部件说明：

1. T1: 上车不带起重吊钩、吊臂附件、超起装置、风电臂总成、平衡重、安装与运输附件、随机备件；下车携带全部支腿
   T1: Superstructure: hook block, boom accessories, super lifting device, wind power jib assembly, counterweight, installation and transportation accessories, and supplied spare parts are excluded; The chassis is equipped with all outriggers.
2. T2: 上车T1状态拆除起重臂、伸缩油缸总成、变幅油缸总成。即上车仅保留转台组件，并将转台尾部转至车头方向。下车携带全部支腿
   T2: Superstructure in T1 state without boom, telescoping cylinder assembly and luffing cylinder assembly, i.e., only the turntable component is carried on superstructure with the turntable tail slewing to the front of crane; The chassis is equipped with all outriggers.
3. T3: 上车T2状态拆除转台组件，即上车拆除所有组件；下车携带全部支腿
   T3: Superstructure in T2 state without turntable component, i.e., all components are removed from superstructure; The chassis is equipped with all outriggers.
4. T4: 上车T3状态；下车拆除全部支腿
   T4: Superstructure in T3 state; All outriggers are removed from chassis.
5. T5：上车T3状态；下车拆除左前和右后支腿，或者右前和左后支腿。
   T5: The superstructure is in T3 state；The chassis is without front left and rear right outriggers, or without front right and rear left outriggers.

轮胎配置说明：

Notes for tire configuration:

1. 以上为标配505/95 R25 轮胎。
   Above parameters are when the crane is equipped with the 505/95 R25 tires (standard).
2. 选装525/80 R25轮胎时，底盘质量减小650kg，单轴轴荷减小65kg。
   When the crane is equipped with the 525/80 R25 tires (optional), the weight of chassis will reduce by 650 kg and the axle load for each axle by 65 kg.

重量
Weight

车桥 Axles	1	2	3	4	5	6	7	8	9	10	总重量(t) Total weight (t)
t	32.6	32.6	32.6	32.6	32.6	30.8	30.8	30.8	30.8	30.8	317(1)
t	19.4	19.4	19.4	19.4	19.4	19	19	19	19	19	192(2)
t	11.7	11.7	11.7	11.7	11.7	13.3	13.3	13.3	13.3	13.3	125(3)
t	8.3	8.3	8.3	8.3	8.3	6.7	6.7	6.7	6.7	6.7	75(4)
t	9.8	9.8	9.8	9.8	9.8	10.2	10.2	10.2	10.2	10.2	100 (5)

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重量
Weight

	倍率 Parts of line	吊钩重量 Weight (kg)	吊钩尺寸 Dimensions (mm)
300t	2×9	9800	1740×1044×2290
240t	15	9100	750×1840×1610
150t	9	8800	750×1760×1500

作业速度
Working speeds



	Km/h	
505/95R25（18.00R25）	2~80	60%*
*T4状态 *T4 Type		



作业机构 Operation mechanisms	作业速度 Working speeds	最大单绳拉力 Max. single line pull	钢丝绳直径/长度 Rope diameter/ length
1	0-135 m/min，单绳，空载，第十一层 0-135 m/min, single line, no load, 11th layer	180 kN	28 mm/1850 m
2	0-135 m/min，单绳，空载，第十一层 0-135 m/min, single line, no load, 11th layer	180 kN	28 mm/1850 m
360°	0-0.8r/min		
	从0°抬起至86°约350s Approx. 350 s for boom raising from 0° to 86°		
	从19.8m伸出至68.6m约1800s Approx. 1800 s for boom extending from 19.8 m to 68.6 m		

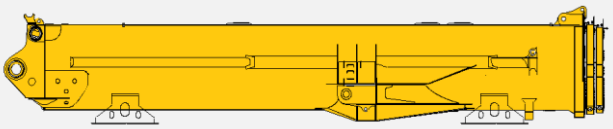
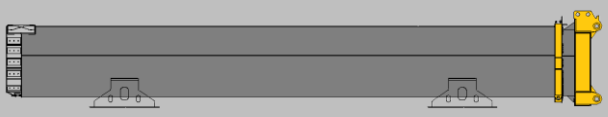
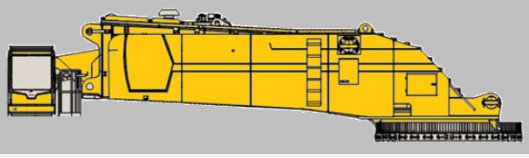
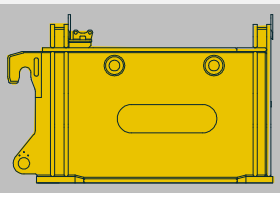
平衡重
Counterweight



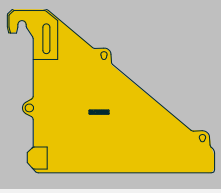
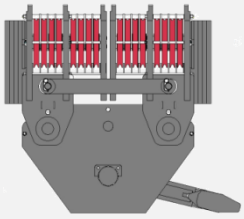
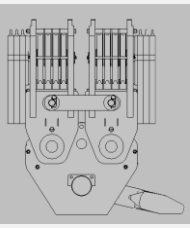
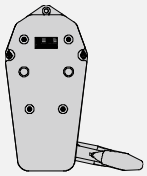
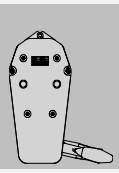
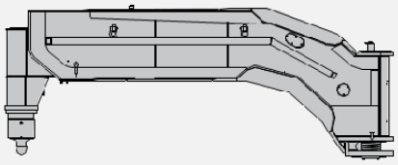
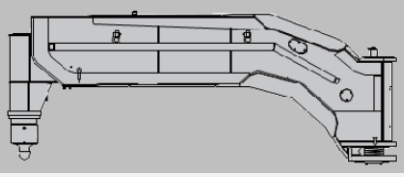
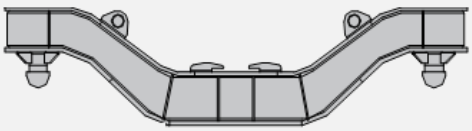
平衡重 Counterweight	平衡重支架A CWT bracket A	平衡重挂篮B CWT basket B	平衡重块C CWT slab C
尺寸（长×宽×高） mm Dimensions (L×W×H) mm	3730×3050×2375	2972×2940×2315	2700×2450×405
数量 Quantity	1	2	32
重量 t Weight (t)	20	10	10

工况模式 Working mode	360t	340t	300t	260 t	220 t	180 t	140 t	100 t	60 t	40 t	0 t
组合形式 Combination	A+B×2 + C×32	A+B×2 + C×30	A+B×2 + C×26	A+B×2 + C×22	A+B×2 + C×18	A+B×2 + C×14	A+B×2 + C×10	A+B×2 + C×6	A+B×2 + C×2	A+B×2	——

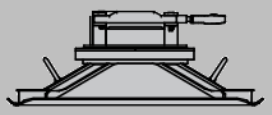
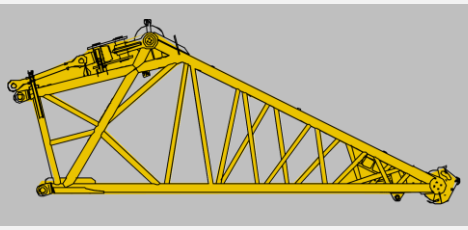
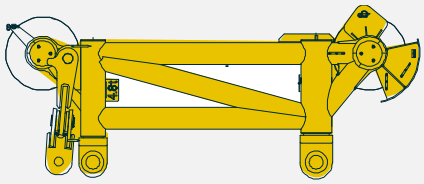
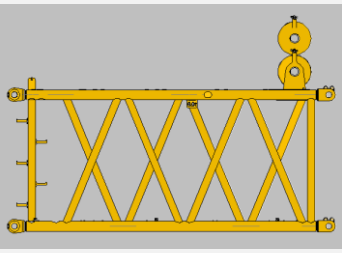
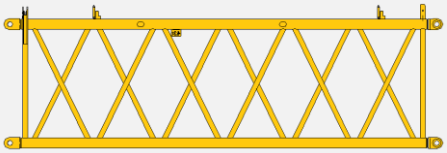
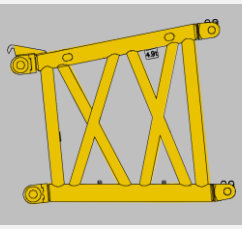
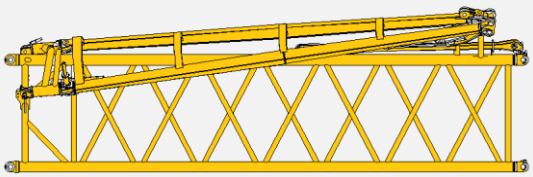
运输部件尺寸
Dimensions of parts to be transported

序号 No.	部件名称 Part name	图示 Illustrations	尺寸 Dimensions/mm	单重 Weight per piece/t	数量 Qty
1	底盘 Chassis		24350×3500×3240	75	1
2	基本臂、二节臂、三节臂、伸缩缸（含工装）Base boom section, 2nd, 3rd boom section, telescoping cylinder (with fixture)		18000×3500×3115	73	1
3	四五节臂总成（含工装）4th and5th boom section assembly (with fixture)		17172×2500×2900	31	1
4	变幅缸 Luffing cylinder		6970×834×1248	13	2
5	转台组件 Turntable component		12000×3500×3150	65	1
6	左超起总成 Left super lifting arm assembly		17500×2450×2487	23.5	1
7	右超起总成 Right super lifting arm assembly		17500×2450×2487	23.5	1
8	平衡重块 CWT slab		2700×2450×405	10	30
9	平衡重支架 CWT bracket		4260×3050×2375	20	1

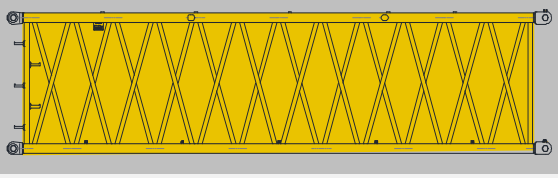
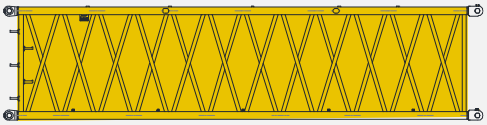
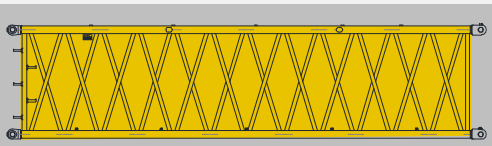
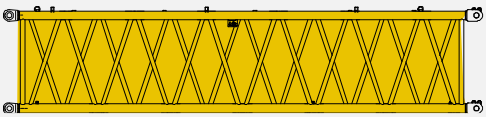
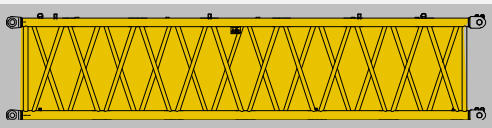
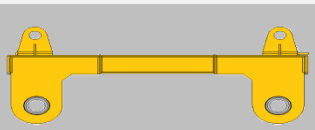
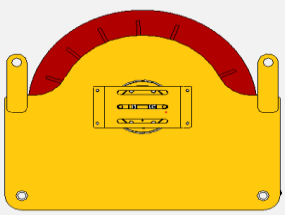
运输部件尺寸
Dimensions of parts to be transported

序号 No.	部件名称 Part name	图示 Illustrations	尺寸 Dimensions/mm	单重 Weight per piece/t	数量 Qty
10	平衡重挂篮 CWT basket		2972×2940×2315	10	2
11	500t吊钩 500 t hook block		2500×1500×2500	9.8	1
12	300t吊钩 300 t hook block		1740×1044×2290	9.8	1
13	240t吊钩 240 t hook block		750×1840×1610	9.1	1
14	150t吊钩 150 t hook block		750×1760×1500	8.8	1
15	前活动支腿总成 Front outrigger beam assembly		7500×1000×2400	13	2
16	后活动支腿总成 Rear outrigger beam assembly		7500×1000×2400	13	2
17	支脚 U-shaped beam type outrigger-float-paralleling device		2800×650×720	1.2	4

运输部件尺寸
Dimensions of parts to be transported

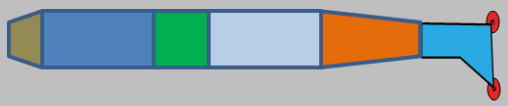
序号 No.	部件名称 Part name	图示 Illustrations	尺寸 Dimensions/mm	单重 Weight per piece/t	数量 Qty
18	支脚盘 Outrigger float		1000×1000×400	0.28	8
19	支脚垫板 Outrigger pad		5000×3000×212	5.5	4
20	风电臂头 Wind power jib head		9380×2580×4350	6.7	1
21	独立臂头 Independent jib head		4310×2480×1600	7.2	1
22	过渡节 Transition section		6235×2695×3410	4.3	1
23	过渡节总成 Transition section assembly		9260×2800×3010	4.3	1
24	连接架总成 Connecting bracket assembly		3420×2720×2780	4.0	1
25	超起连接架总成 Super lifting device connecting bracket assembly		12260×4030×3860	14.1	1

运输部件尺寸
Dimensions of parts to be transported

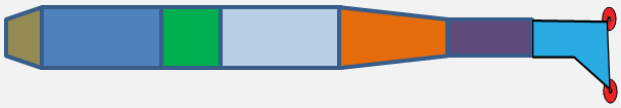
序号 No.	部件名称 Part name	图示 Illustrations	尺寸 Dimensions/mm	单重Weight per piece/t	数量 Qty
26	过渡节I Transition section I		12230×2850×3020	7.0	1
27	大加长节II总成 Large extension II assembly		10260×2570×2875	4.6	1
28	大加长节III总成 Large extension III assembly		10260×2570×2875	4.6	1
29	小加长节总成 Small extension assembly		10330×2575×3060	4.5	1
30	小加长节II总成 Small extension II assembly		10260×2575×2870	4.2	3
31	拉板1.2.3.4 Pendant 1, 2, 3,4		长度 Length：10235/1745/9335/10235	0.48/0.04/0.54/0.485	10/1/2/2
32	卷扬连接架 Winch connecting bracket		1740×2706×800	1	1
33	副卷扬(含绳) Auxiliary winch (with wire rope)		1620×2315×1395	11.6	1

臂架组合方案
Boom / Jib combinations

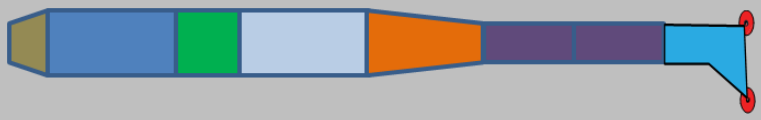
风电臂– 50m
Wind power jib
(W)– 50m



风电臂– 60m
Wind power jib
(W)– 60m



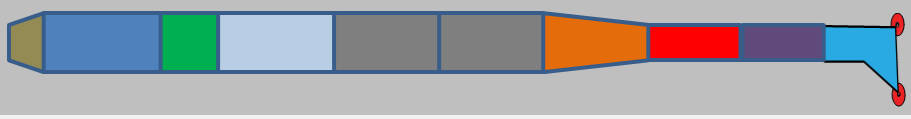
风电臂– 70m
Wind power jib
(W)– 70m



风电臂–80m
Wind power jib
(W)– 80m



风电臂- 90m
Wind power jib
(W)– 90m



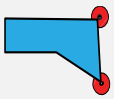
风电臂 - 100m
Wind power jib
(W)– 100m



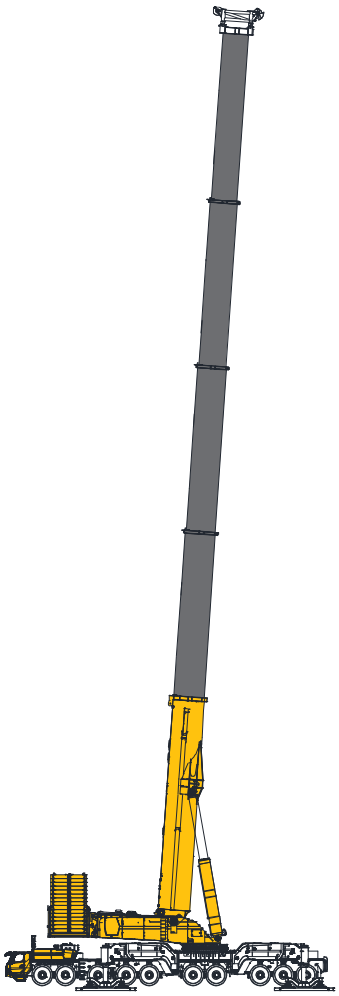
风电臂– 110m
Wind power jib
(W)– 110m

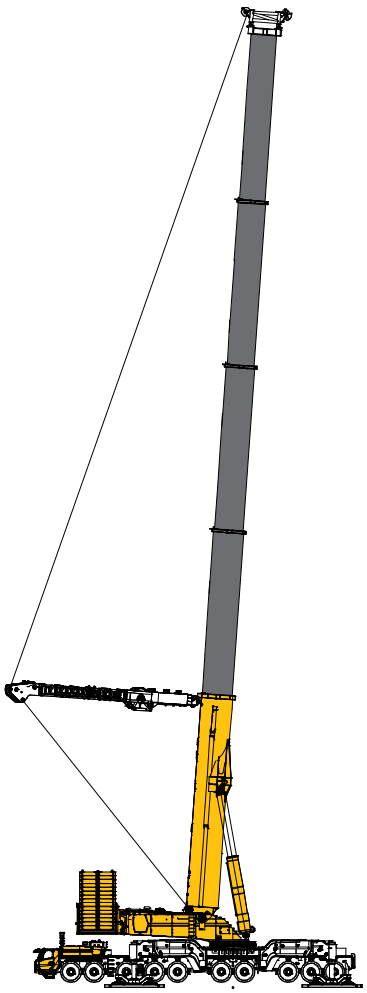


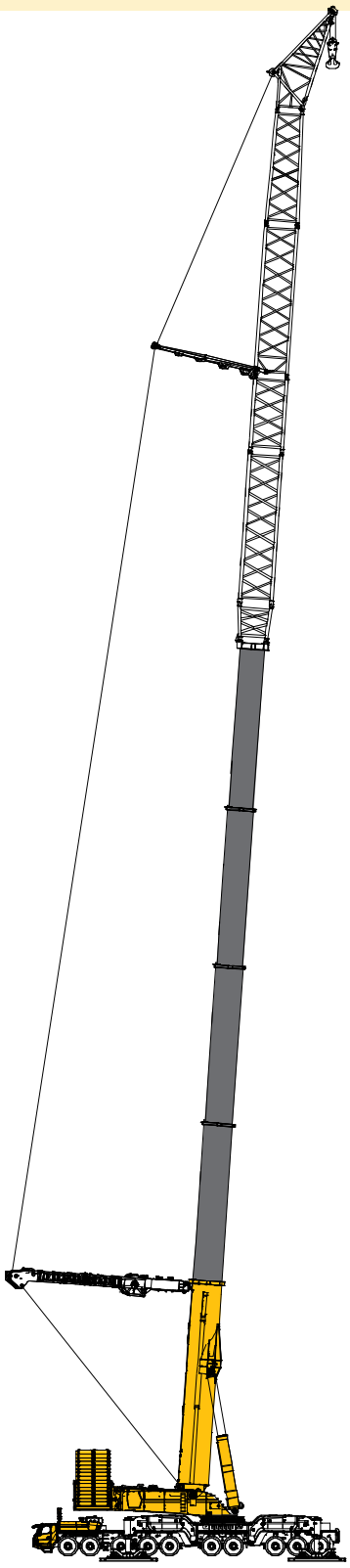
臂架组合方案
Boom / Jib combinations

部件 Component	结构形式 Structure	尺寸（长×宽×高） mm Size（L×W×H） mm	重量 kg Weight kg
风电臂头 **Wind power jib head**		9380×2220×3680	6700
连接架总成 **Connecting bracket assembly**		3300×2730×2825	5800
大加长节 Large extension		10260×2570×2875	4600
小加长节I Small extension I		10260×2225×2560	4500
小加长节II Small extension II		10260×2225×2370	4200
翼型连接架 Wing-type connecting bracket		12145×3620×3740	15400
过渡节总成 Transition section assembly		9260×2580×3040	4600
过渡节I Transition section I		12310×2850×3085	9700
过渡节II Transition section II		6230×2695×4035	5000

臂架组合方案
Boom / Jib combinations

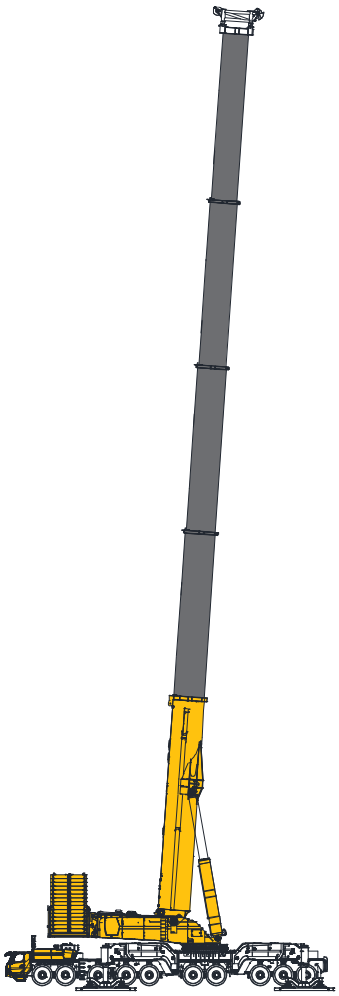


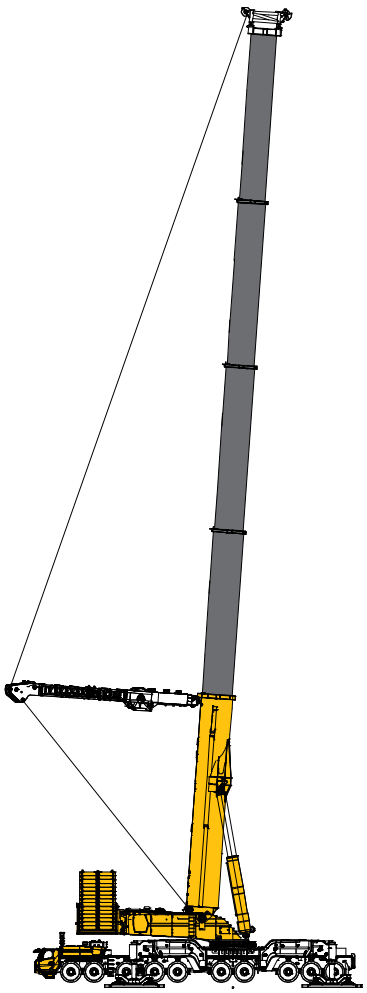


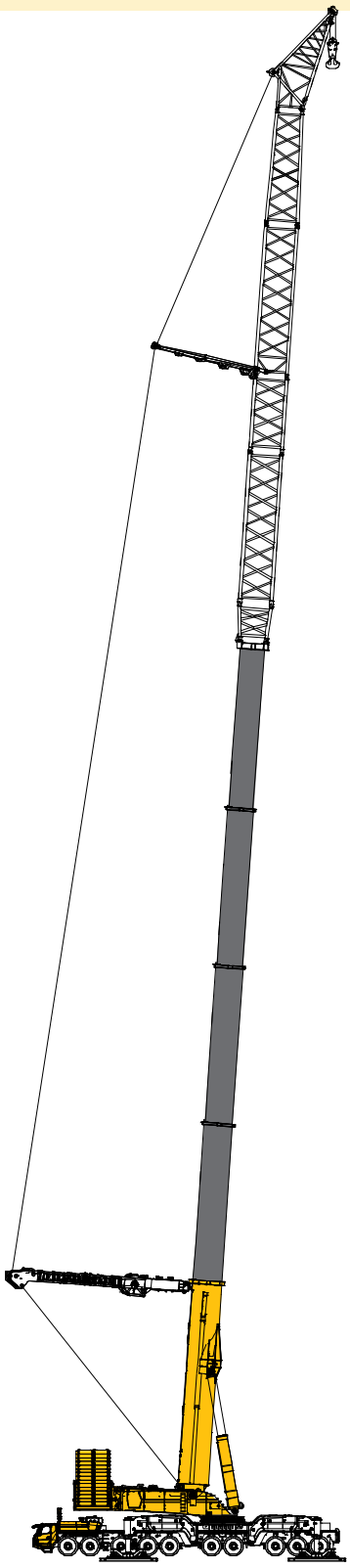


主臂 Boom	超起+主臂 Super lifting device + boom	超起风电臂 Super lifting device + wind power jib
T:19.8m~68.6 m	T:36.6m~68.6m	T:35.6~67.6 m W:50 m

臂架组合方案
Boom / Jib combinations

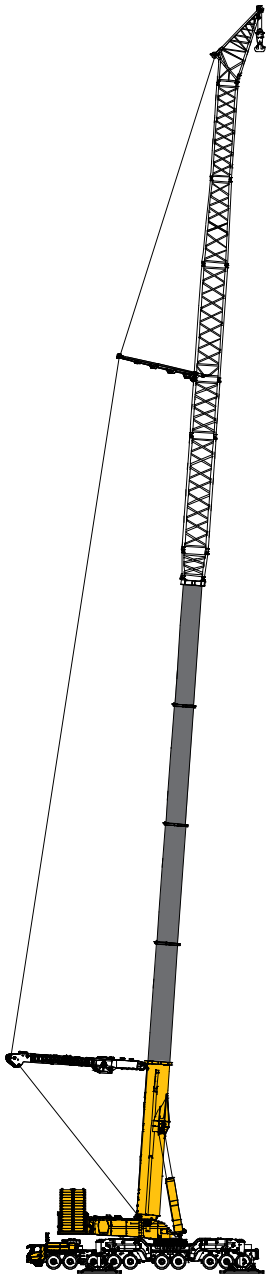


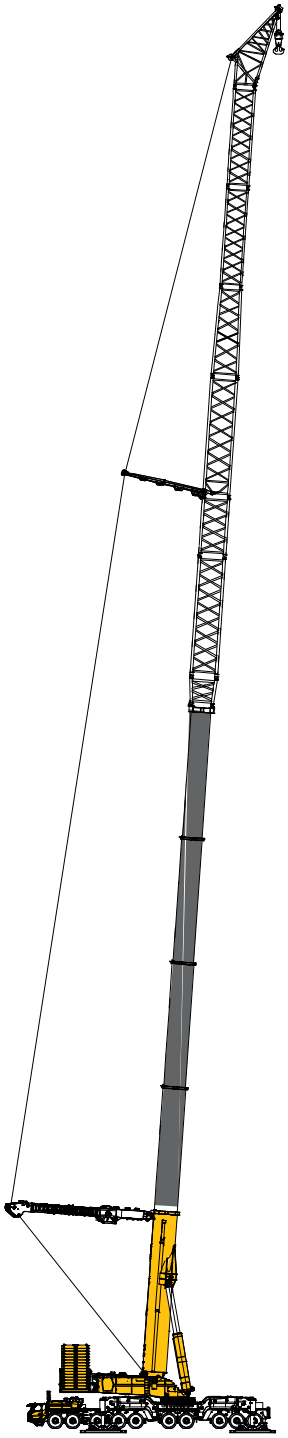


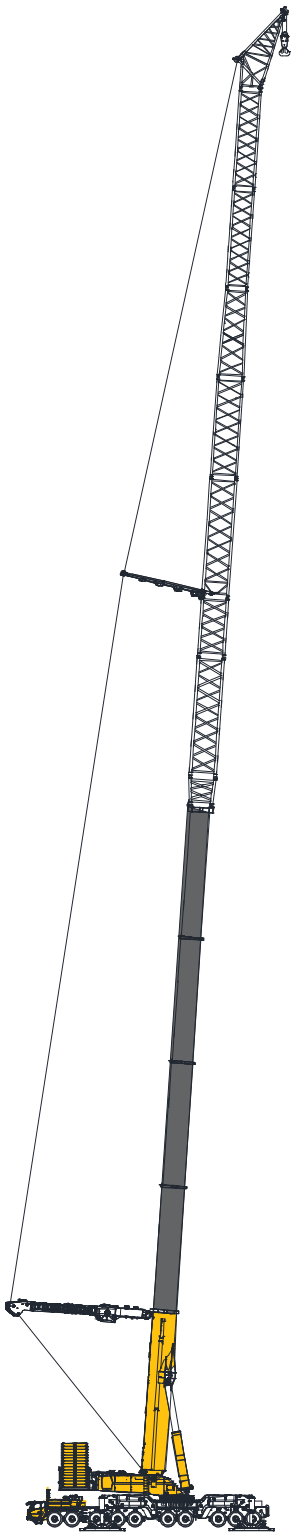


主臂 Boom	超起+主臂 Super lifting device + boom	超起风电臂 Super lifting device + wind power jib
T:19.8m~68.6 m	T:36.6m~68.6m	T:35.6~67.6 m W:50 m

臂架组合方案
Boom / Jib combinations

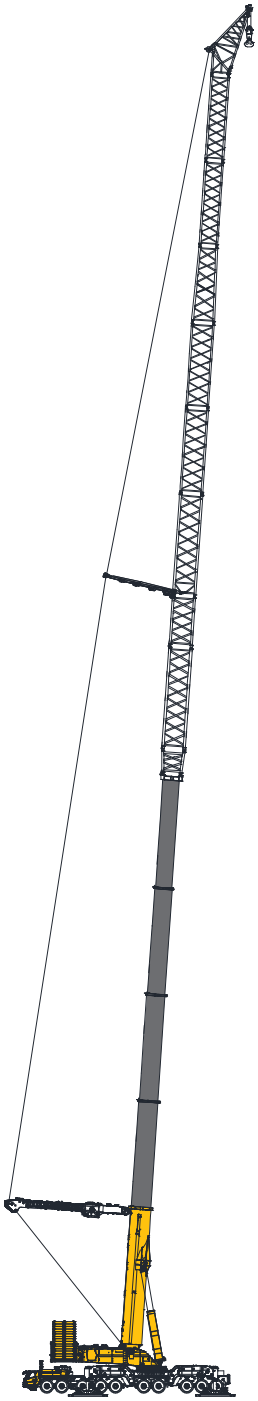


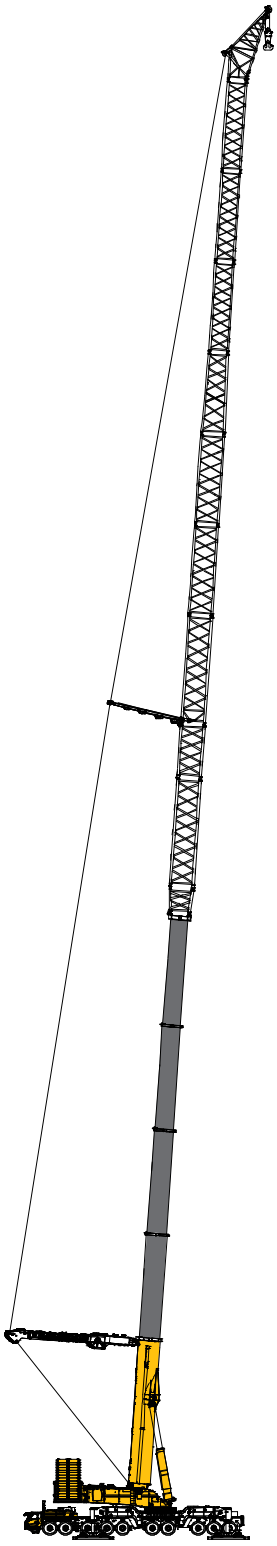


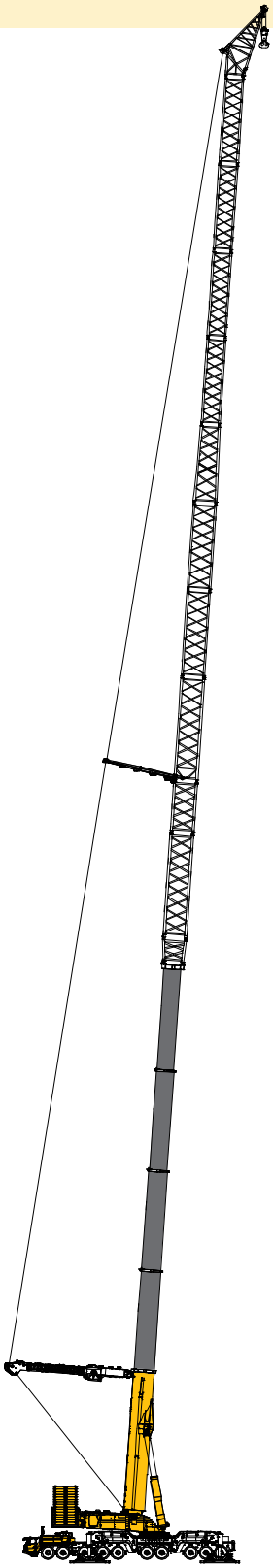


超起风电臂 Super lifting device + wind power jib	超起风电臂 Super lifting device + wind power jib	超起风电臂 Super lifting device + wind power jib
T:35.6~67.6 m W:60m	T:35.6~67.6 m W:70m	T:35.6~67.6 m W:80 m

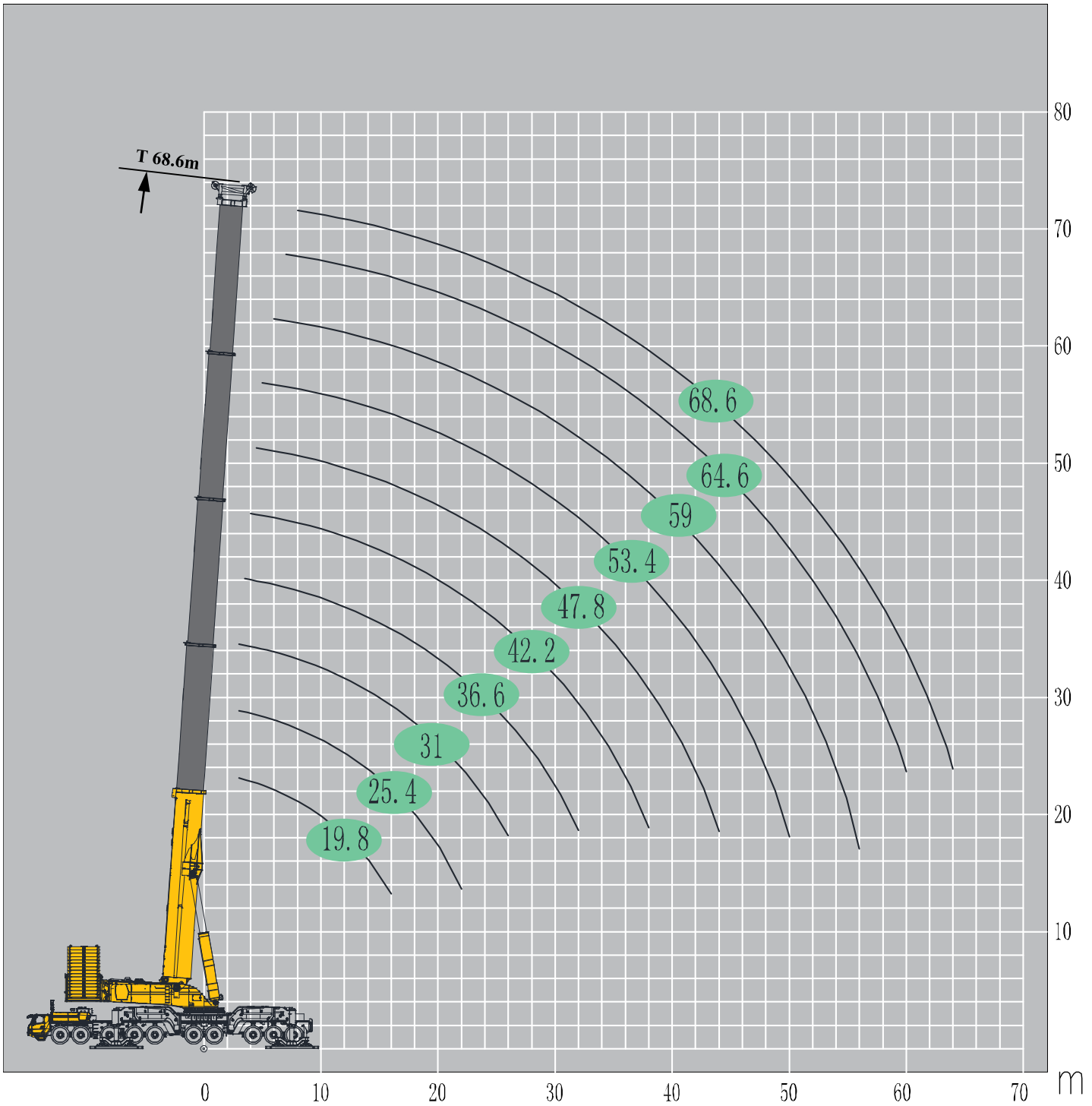
臂架组合方案
Boom / Jib combinations





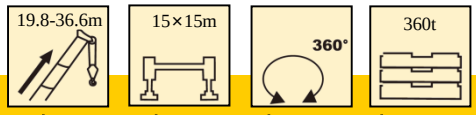


超起风电臂 Super lifting device + wind power jib	超起风电臂 Super lifting device + wind power jib	超起风电臂 Super lifting device + wind power jib
T:35.6~67.6 m W:90m	T:35.6~67.6 m W:100 m	T:35.6~67.6 m W:110 m


T 68.6m
68.6
64.6
59
53.4
47.8
42.2
36.6
31
25.4
19.8
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
m

起重性能表
Lifting capacities

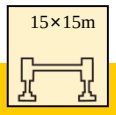
T 19.8~36.6m

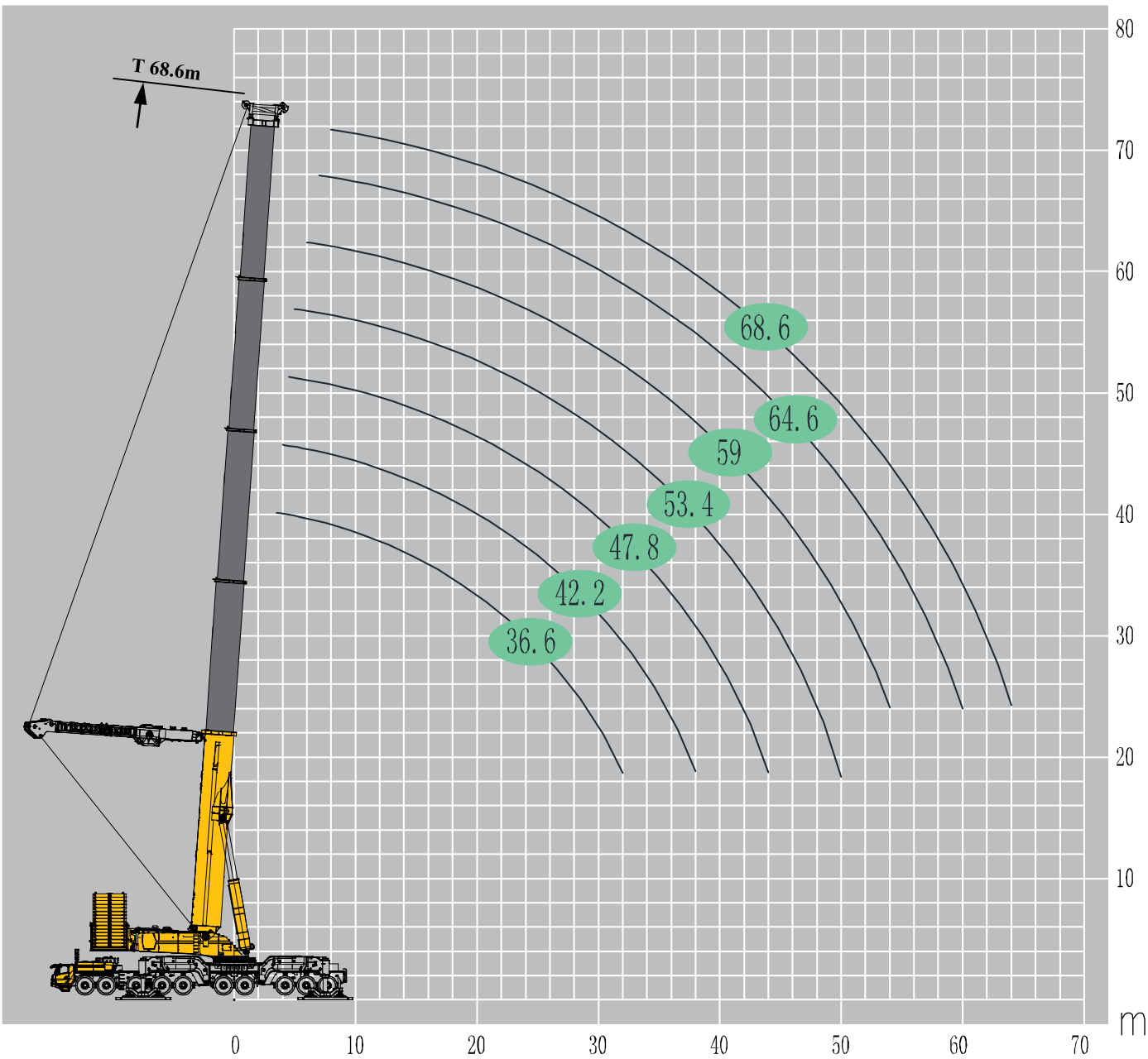


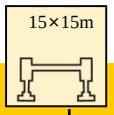
	19.8	25.4	25.4	25.4	31	31	31	31	36.6	36.6	
2	3000.0*										2
3	500.0	430.0	500.0	500.0	430.0	430.0	430.0	430.0			3
3.5	500.0	430.0	500.0	500.0	430.0	430.0	430.0	430.0	410.9	410.9	3.5
4	500.0	430.0	500.0	500.0	430.0	430.0	430.0	430.0	410.9	410.9	4
4.5	500.0	430.0	500.0	500.0	420.0	430.0	430.0	430.0	407.3	408.6	4.5
5	500.0	430.0	500.0	500.0	416.6	430.0	430.0	430.0	395.3	397.1	5
6	500.0	430.0	500.0	500.0	388.4	430.0	430.0	430.0	362.7	363.7	6
7	500.0	430.0	500.0	500.0	360.2	430.0	430.0	430.0	334.6	335.7	7
8	500.0	428.6	500.0	500.0	335.9	430.0	430.0	430.0	310.4	311.0	8
9	500.0	409.9	500.0	500.0	314.0	430.0	430.0	430.0	288.8	289.5	9
10	472.0	388.5	470.0	437.0	295.2	425.1	430.0	430.0	270.6	270.5	10
12	420.0	353.5	418.0	416.0	264.2	390.2	416.0	413.0	240.7	240.0	12
14	372.0	325.2	372.0	370.0	238.0	360.4	371.0	368.0	216.1	215.1	14
16	336.0	301.6	334.0	332.0	217.0	335.3	334.0	330.0	195.9	194.7	16
18		282.2	303.0	300.0	199.2	306.0	303.0	299.0	178.6	177.4	18
20		266.3	276.0	274.0	184.7	280.0	276.0	273.0	163.8	163.4	20
22		254.7	253.0	251.0	172.3	257.0	254.0	250.0	151.7	151.0	22
24					161.5	237.0	234.0	230.0	141.0	140.1	24
26					152.5	219.6	216.0	211.5	131.8	130.9	26
28									124.4	122.8	28
30									117.4	116.3	30
32									111.0	110.1	32
倍率n	2×16	2×14	2×16	2×16	2×14	2×14	2×14	2×14	2×13	2×13	倍率n
组合 Code	0000	0001	0100	1000	0002	0011	0110	1100	0012	0021	组合 Code

*起重能力等级Capacity class

	36.6	36.6	42.2	42.2	42.2	42.2	47.8	47.8	
			36.6-47.8m	15×15m	360°	360t			
3.5	425.0	425.0							3.5
4	425.0	425.0	392.4	410.2	420.0	410.2			4
4.5	425.0	425.0	371.7	410.2	420.0	410.2	368.9	410.0	4.5
5	425.0	425.0	354.0	410.2	420.0	410.2	357.4	410.0	5
6	425.0	425.0	324.2	385.6	420.0	410.2	334.4	397.8	6
7	425.0	425.0	299.1	355.8	420.0	396.3	311.7	371.9	7
8	425.0	425.0	277.2	329.3	420.0	369.0	290.7	349.0	8
9	425.0	425.0	257.9	306.1	420.0	343.0	272.1	328.6	9
10	425.0	425.0	241.2	285.5	420.0	320.4	255.7	310.5	10
12	415.0	412.0	213.5	252.3	410.0	282.5	228.0	279.3	12
14	371.0	367.0	190.8	225.2	366.0	252.1	205.5	254.0	14
16	334.0	330.0	172.1	203.3	330.0	227.0	186.2	232.6	16
18	304.0	299.0	156.4	184.8	300.0	205.6	169.4	214.4	18
20	277.0	273.0	143.3	168.8	274.0	188.2	155.0	198.5	20
22	255.0	251.0	132.0	155.5	252.0	173.5	142.6	184.5	22
24	236.0	231.0	122.5	144.4	233.0	160.5	132.4	172.9	24
26	219.0	214.0	114.2	134.4	216.0	149.1	123.0	162.7	26
28	200.7	196.2	106.9	125.4	199.8	139.1	114.5	153.4	28
30	184.5	180.0	100.4	117.7	183.6	130.0	107.2	145.0	30
32	171.0	165.6	94.2	110.7	169.2	122.2	101.1	137.4	32
34			89.1	104.2	156.6	115.1	95.6	130.7	34
36			84.7	99.3	145.8	109.7	90.4	125.2	36
38			80.1	94.8	135.9	103.9	85.0	120.0	38
40							80.5	114.6	40
42							77.3	110.0	42
44							73.4	106.9	44
倍率n	2×14	2×14	2×13	2×13	2×14	2×13	2×12	2×13	倍率n
组合 Code	0111	1110	0022	0211	1111	2110	0122	1112	组合 Code

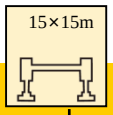
	47.8	53.4	53.4	53.4	59	59	64.6	68.6	
									
4.5	410.0								4.5
5	410.0	340.4	369.2	383.2					5
6	400.3	319.2	344.5	361.0	318.0	332.3			6
7	369.5	297.8	321.4	338.1	300.7	311.4	287.4		7
8	342.6	277.3	302.5	314.7	283.1	291.6	271.8	257.1	8
9	318.5	258.9	284.1	293.2	266.1	273.7	256.2	243.1	9
10	297.1	242.4	267.9	274.1	250.4	256.2	241.0	229.1	10
12	261.7	214.2	240.6	241.7	222.7	226.7	215.0	205.7	12
14	233.2	191.5	218.4	215.7	201.3	203.4	192.6	184.6	14
16	210.0	172.1	199.5	193.8	182.6	183.3	174.1	167.9	16
18	190.2	156.2	182.1	175.3	166.4	165.6	158.1	152.9	18
20	173.6	143.0	167.3	160.3	152.7	151.1	144.5	139.5	20
22	159.6	131.7	155.1	147.2	140.6	138.5	132.6	128.6	22
24	147.7	121.1	143.7	135.8	130.4	127.9	122.5	118.0	24
26	136.9	112.4	134.2	125.3	121.3	118.3	113.8	109.7	26
28	127.7	104.6	125.5	116.5	113.1	109.7	105.4	101.8	28
30	119.2	97.6	118.5	108.7	105.2	102.4	98.4	94.6	30
32	111.7	91.7	111.6	101.7	98.5	96.0	91.9	88.4	32
34	105.0	87.0	105.4	95.7	93.0	89.8	86.6	84.0	34
36	99.6	81.1	99.5	90.4	87.7	85.0	81.6	77.8	36
38	94.3	76.7	95.0	85.2	83.1	79.8	77.2	73.3	38
40	89.0	72.5	90.6	80.7	78.6	75.2	72.7	69.0	40
42	84.4	69.2	86.1	76.2	74.1	70.7	68.2	65.4	42
44	81.4	65.8	82.0	72.1	69.6	67.3	64.3	61.5	44
46		62.9	78.5	68.6	67.2	63.9	61.0	58.9	46
48		59.9	75.6	65.7	63.0	60.6	58.4	55.9	48
50		57.1	73.2	62.6	60.7	58.1	55.2	53.1	50
52					58.3	54.9	52.7	50.3	52
54					55.9	52.5	50.4	48.0	54
56					53.4	50.0	48.0	45.6	56
58							45.6	43.3	58
60							43.6	40.9	60
62								39.6	62
64								38.0	64
倍率n	2111	0222	1122	2211	1222	2221	2222	3333	倍率n
组合 Code	2×13	2×11	2×12	2×12	2×10	2×11	2×9	2×8	组合 Code


T 68.6m
68.6
64.6
59
53.4
47.8
42.2
36.6
80
70
60
50
40
30
20
10
m
0
10
20
30
40
50
60
70

							
36.6	**36.6**	**36.6**	**36.6**	**36.6**	**42.2**	**42.2**	
3.5	425.0	425.0	425.0	425.0			3.5
4	425.0	425.0	425.0	425.0	420.0	420.0	4
4.5	425.0	425.0	425.0	425.0	420.0	420.0	4.5
5	425.0	425.0	425.0	425.0	420.0	420.0	5
6	425.0	425.0	425.0	425.0	420.0	420.0	6
7	425.0	425.0	425.0	425.0	420.0	420.0	7
8	425.0	425.0	425.0	425.0	420.0	420.0	8
9	425.0	425.0	425.0	425.0	420.0	420.0	9
10	425.0	425.0	425.0	425.0	420.0	420.0	10
12	390.5	389.5	387.6	383.8	389.5	385.7	12
14	346.8	344.9	343.9	340.1	345.8	343.0	14
16	310.7	308.8	307.8	303.1	310.7	306.9	16
18	280.3	278.4	277.4	272.7	281.0	277.4	18
20	253.7	252.7	251.8	247.0	255.6	251.8	20
22	231.8	230.9	229.0	224.2	233.7	229.9	22
24	212.8	210.9	210.0	205.2	214.7	210.9	24
26	195.7	193.8	192.9	188.1	197.6	193.8	26
28	180.5	178.6	177.7	172.9	182.4	178.6	28
30	166.3	165.3	163.4	158.7	169.1	165.3	30
32	153.9	153.0	151.1	146.3	157.7	153.9	32
34					146.3	142.5	34
36					136.8	133.0	36
38					127.3	123.5	38
倍率n	2×14	2×14	2×14	2×14	2×14	2×14	倍率n
组合Code	0012	0021	0111	1110	0022	0211	组合Code







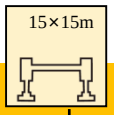




	42.2	42.2	47.8	47.8	47.8	53.4	
4	420.0	420.0					4
4.5	420.0	420.0	410.0	410.0	410.0		4.5
5	420.0	420.0	410.0	410.0	410.0	400.0	5
6	420.0	420.0	410.0	410.0	410.0	400.0	6
7	420.0	420.0	410.0	410.0	410.0	400.0	7
8	420.0	420.0	410.0	410.0	410.0	400.0	8
9	420.0	420.0	410.0	410.0	410.0	400.0	9
10	420.0	420.0	410.0	410.0	410.0	400.0	10
12	384.8	381.0	386.7	384.8	381.9	383.8	12
14	341.1	338.2	343.9	342.0	339.2	342.0	14
16	305.9	302.1	308.8	306.9	304.0	307.8	16
18	275.5	271.7	279.3	277.4	274.6	278.4	18
20	250.8	246.1	254.6	252.7	248.9	253.7	20
22	228.0	224.2	232.8	230.9	227.1	232.8	22
24	209.0	205.2	214.7	211.9	208.1	213.8	24
26	192.9	188.1	197.6	195.7	191.9	197.6	26
28	177.7	172.9	183.4	180.5	176.7	183.4	28
30	164.4	159.6	170.1	167.2	164.4	170.1	30
32	152.0	148.2	158.7	155.8	152.0	158.7	32
34	141.6	136.8	147.3	145.4	141.6	148.2	34
36	131.1	126.4	137.8	135.9	132.1	138.7	36
38	121.6	117.8	129.2	126.4	122.6	130.2	38
40			120.7	118.8	114.0	121.6	40
42			113.1	110.2	106.4	114.0	42
44			98.7	96.4	91.7	107.4	44
46						100.7	46
48						94.5	48
50						75.5	50
倍率n	2×14	2×14	2×13	2×13	2×13	2×13	倍率n
组合Code	1111	2110	0122	1112	2111	0222	组合Code

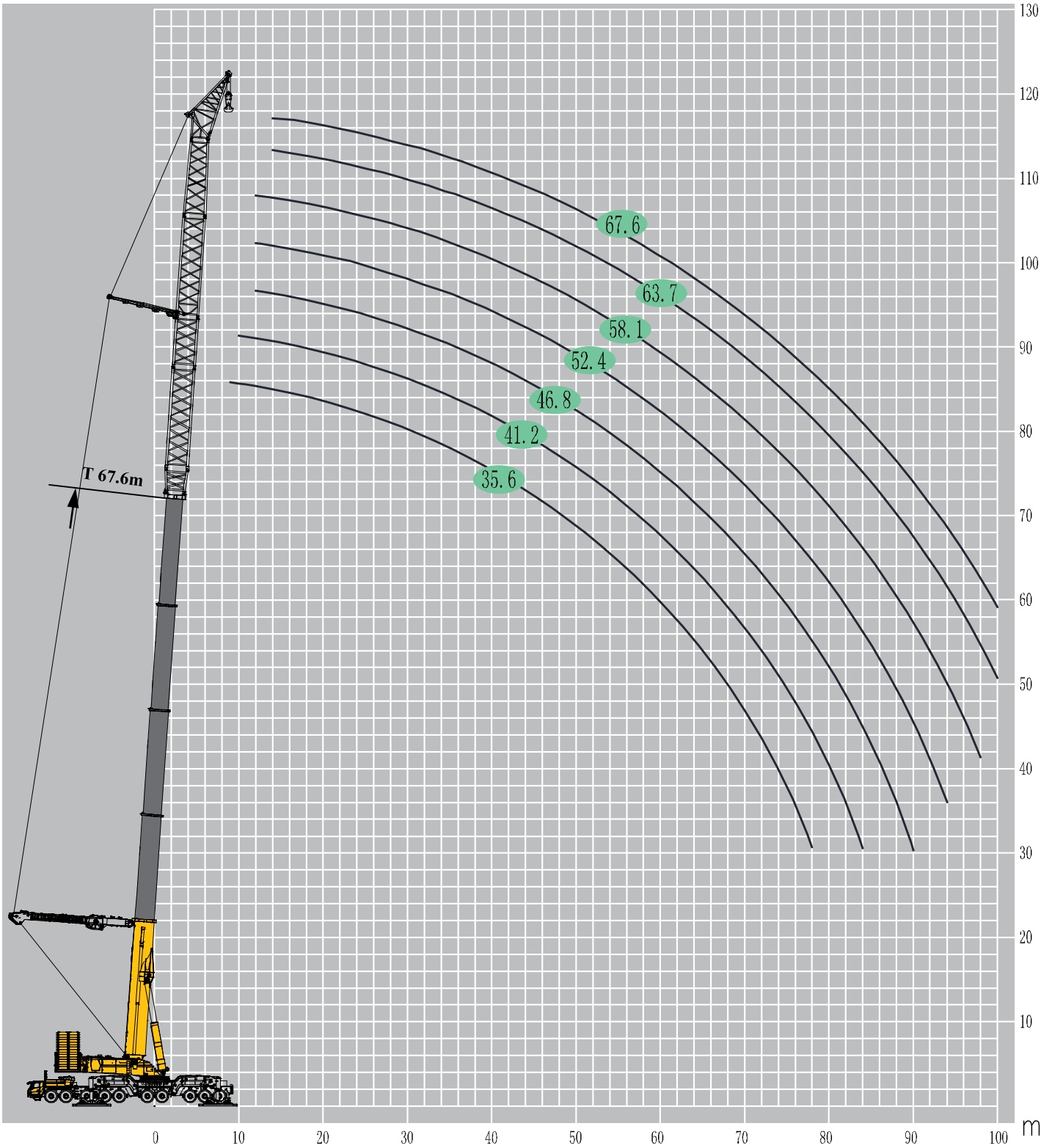
起重性能表
Lifting capacities

T 53.4-68.6m

								
	53.4	53.4	59	59	64.6	68.6	
5	400.0	400.0					5
6	400.0	400.0	400.0	400.0			6
7	400.0	400.0	400.0	400.0	395.0		7
8	400.0	400.0	400.0	400.0	395.0	390.0	8
9	400.0	400.0	400.0	400.0	395.0	390.0	9
10	400.0	400.0	400.0	395.0	390.0	385.0	10
12	382.9	379.1	380.0	377.2	376.2	374.3	12
14	341.1	337.3	339.2	336.3	335.4	334.4	14
16	306.9	303.1	305.0	302.1	302.1	301.2	16
18	277.4	273.6	276.5	273.6	273.6	272.7	18
20	252.7	248.9	251.8	248.9	249.9	248.9	20
22	231.8	227.1	230.9	228.0	229.0	228.0	22
24	212.8	209.0	211.9	209.0	210.9	210.0	24
26	196.7	191.9	195.7	192.9	194.8	194.8	26
28	182.4	177.7	181.5	178.6	180.5	180.5	28
30	169.1	164.4	169.1	166.3	168.2	168.2	30
32	157.7	153.0	157.7	154.9	156.8	156.8	32
34	147.3	142.5	147.3	144.4	146.3	146.3	34
36	137.8	133.0	137.8	134.9	136.8	136.8	36
38	128.3	124.5	129.2	125.4	128.3	128.3	38
40	120.7	115.9	120.7	117.8	119.7	120.7	40
42	113.1	108.3	114.0	110.2	113.1	113.1	42
44	106.4	101.7	107.4	103.6	106.4	106.4	44
46	99.8	95.0	100.7	96.9	99.8	100.7	46
48	92.7	88.2	94.1	91.2	94.1	94.1	48
50	74.2	69.5	88.2	84.6	88.2	88.4	50
52			82.7	78.9	82.7	82.7	52
54			74.5	70.6	77.0	77.9	54
56					72.2	73.2	56
58					67.5	68.4	58
60					57.5	64.6	60
62						60.8	62
64						49.5	64
倍率n	2×13	2×13	2×13	2×13	2×13	2×13	倍率n
组合Code	1122	2211	1222	2221	2222	3333	组合Code

起升高度曲线图
Lifting heights

超起+风电臂50m
Super lifting device + wind power jib of 50 m

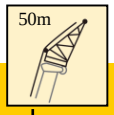


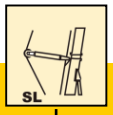
起重性能表
Lifting capacities

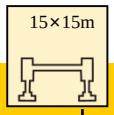
T 35.6-67.6m

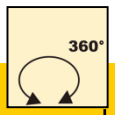
W 50m













	35.6	41.2	46.8	52.4	58.1	63.7	67.6	
9	280.0							9
10	280.0	280.0						10
12	280.0	280.0	280.0	280.0	280.0			12
14	280.0	280.0	280.0	280.0	280.0	275.0	265.0	14
16	280.0	280.0	280.0	280.0	280.0	275.0	265.0	16
18	280.0	280.0	280.0	280.0	280.0	275.0	265.0	18
20	267.5	265.6	263.7	260.7	258.7	256.7	255.4	20
22	245.1	243.0	240.9	238.8	236.6	234.4	233.0	22
24	225.3	224.2	221.9	219.7	217.4	215.0	213.5	24
26	208.2	206.9	204.5	203.2	200.8	198.4	196.7	26
28	193.4	192.1	189.6	188.2	185.7	183.1	182.5	28
30	180.0	178.5	176.0	174.5	171.9	170.4	169.7	30
32	167.8	166.2	164.7	162.0	160.5	157.8	157.1	32
34	156.8	155.2	153.5	151.9	149.2	147.6	146.8	34
36	146.9	145.2	143.6	141.9	140.2	137.5	136.7	36
38	138.2	136.5	134.8	133.1	131.3	128.5	127.7	38
40	129.5	128.8	127.1	125.3	122.5	120.8	119.9	40
42	122.0	121.3	119.5	117.7	115.9	113.1	112.2	42
44	115.5	113.7	111.9	111.2	108.3	106.5	105.6	44
46	109.1	107.3	105.5	104.7	101.8	99.9	99.1	46
48	102.7	101.9	100.1	98.2	96.4	94.5	93.6	48
50	97.4	96.6	94.7	92.9	91.0	89.1	88.2	50
52	92.1	91.3	89.4	87.5	85.6	83.7	82.8	52
54	86.8	86.0	84.1	83.2	80.3	79.4	78.5	54
56	82.6	81.7	79.8	77.9	76.0	74.1	74.2	56
58	78.4	77.5	75.6	73.7	71.8	69.8	68.9	58
60	74.2	73.3	71.4	69.5	67.5	65.6	64.6	60
62	70.0	69.1	67.2	66.3	63.3	61.3	61.4	62
64	66.9	64.9	64.0	62.1	60.1	58.2	57.2	64
66	62.7	61.8	59.8	57.9	55.9	54.0	54.0	66
68	59.6	58.7	56.7	54.7	52.8	50.8	49.8	68
70	55.4	54.5	53.6	51.6	49.6	47.7	46.7	70
72	52.3	51.4	50.5	48.5	46.5	44.5	43.5	72
倍率n	2×9	2×9	2×9	2×9	2×9	2×9	2×8	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	3333	组合 Code

起重性能表
Lifting capacities

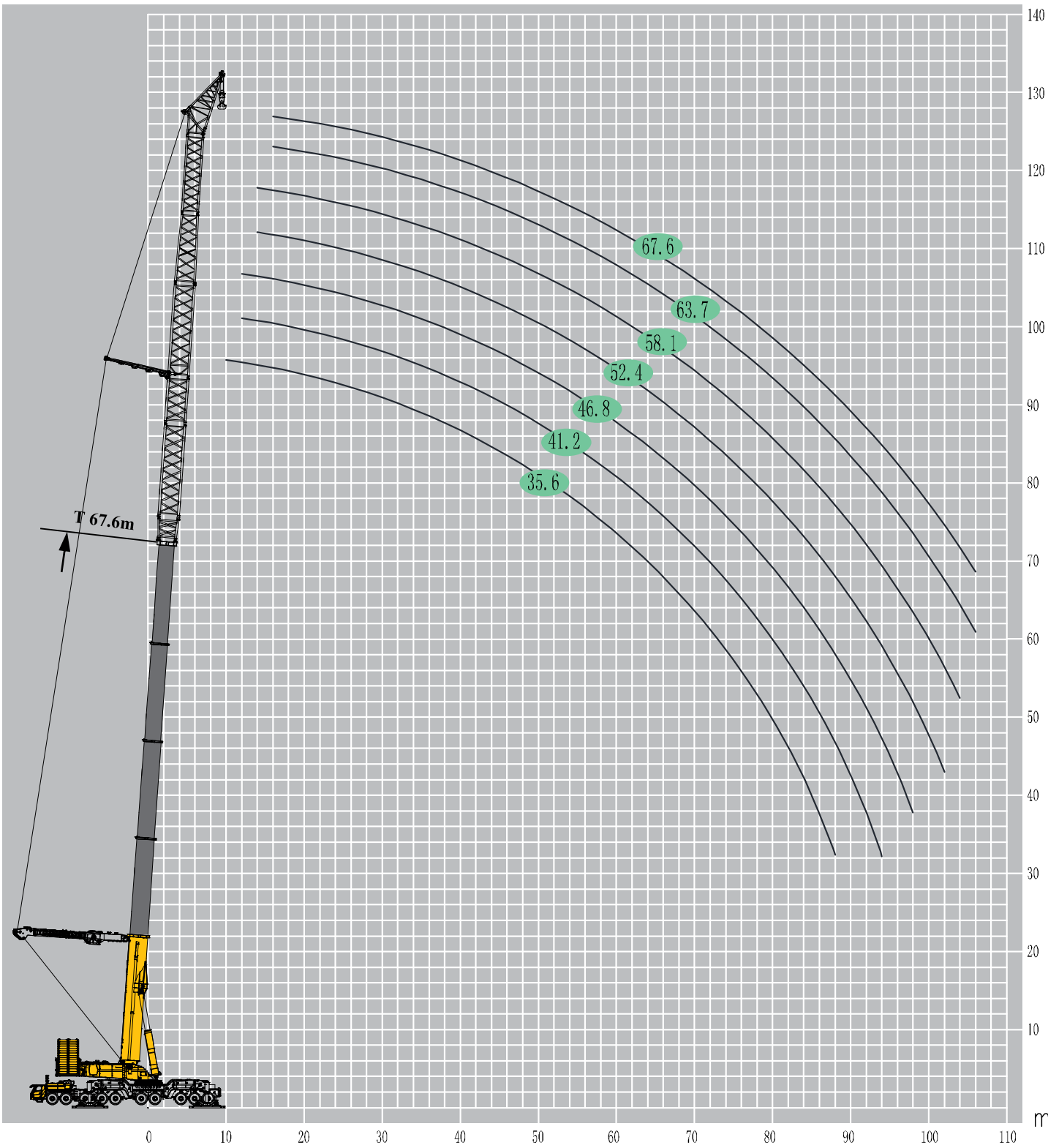
T 35.6-67.6m

W 50m

	35.6	41.2	46.8	52.4	58.1	63.7	67.6	
74	49.2	49.3	47.3	45.4	43.4	41.4	41.4	78
76	47.1	46.2	44.2	43.3	41.3	39.3	38.3	80
78	42.5	43.1	42.1	40.2	38.2	36.2	36.2	82
80		41.0	39.0	38.1	36.1	34.1	33.1	84
82		37.9	37.0	35.0	33.0	31.0	31.0	86
84		33.7	33.9	32.9	30.9	28.9	28.9	88
86			31.8	30.8	28.8	26.8	26.8	90
88			29.7	28.8	26.8	24.7	24.8	92
90			24.9	26.7	24.7	22.7	22.7	94
92				24.6	22.6	20.6	20.6	96
94				22.6	20.6	18.6	18.6	98
96					18.5	17.5	16.5	100
98					17.5	15.5	14.5	102
100						13.4	13.4	104
倍率n	2×9	2×9	2×9	2×9	2×9	2×9	2×8	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	3333	组合 Code

起升高度曲线图
Lifting heights

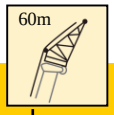
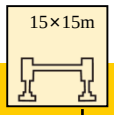
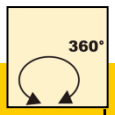
超起+风电臂60m
Super lifting device + wind power jib of 60 m



起重性能表
Lifting capacities

T 35.6-67.6m

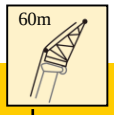
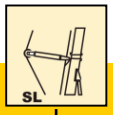
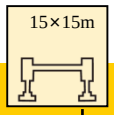
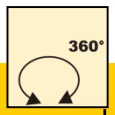
W 60m

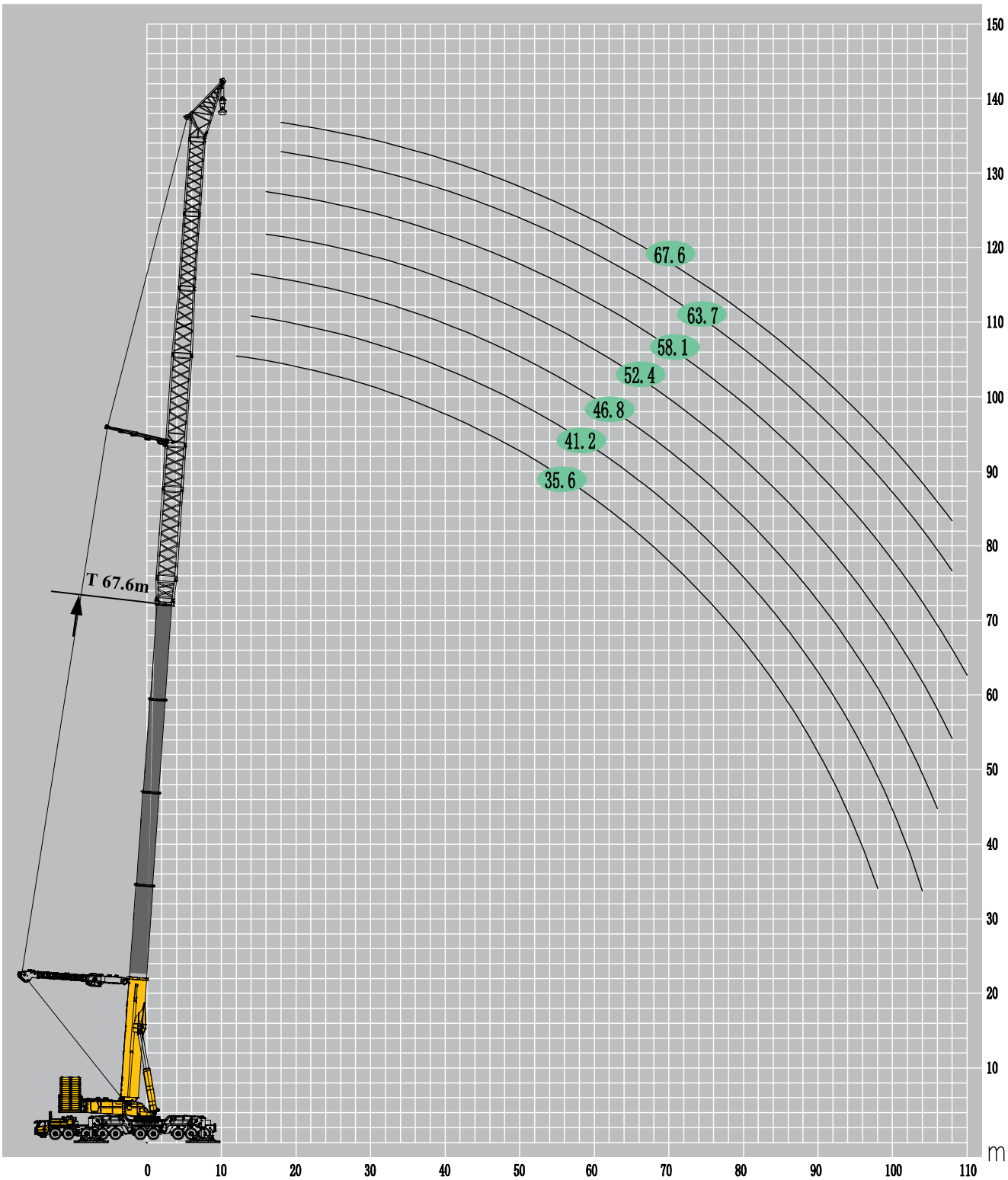
	35.6	41.2	46.8	52.4	58.1	63.7	67.6	
									
10	280.0							10
12	280.0	280.0	280.0					12
14	280.0	280.0	280.0	280.0	280.0			14
16	280.0	280.0	280.0	280.0	280.0	270.0	260.0	16
18	280.0	280.0	280.0	280.0	280.0	270.0	260.0	18
20	267.6	265.7	263.7	261.8	258.6	256.6	255.2	20
22	245.9	243.8	241.7	239.5	237.3	235.1	233.6	22
24	227.0	224.7	222.4	220.1	217.8	215.4	214.9	24
26	209.6	208.3	205.9	203.4	201.0	199.6	198.0	26
28	194.6	193.2	190.7	189.3	186.8	184.2	183.6	28
30	181.0	179.5	178.0	175.4	173.9	171.3	170.6	30
32	169.7	168.2	165.5	164.0	161.3	159.7	159.0	32
34	158.6	157.0	155.4	153.7	151.0	149.3	148.6	34
36	148.6	147.0	145.3	143.6	141.9	139.1	138.4	36
38	139.8	138.1	136.4	134.7	133.0	130.1	129.3	38
40	132.2	130.4	128.7	126.9	125.1	122.3	121.5	40
42	124.6	122.8	121.0	119.2	117.4	115.6	114.7	42
44	118.0	116.2	114.4	112.6	110.8	107.9	108.1	44
46	111.6	109.8	107.9	106.1	104.2	102.4	101.5	46
48	105.1	104.3	102.5	100.6	97.7	95.8	94.9	48
50	99.8	97.9	96.1	95.2	92.3	90.4	89.5	50
52	94.5	93.6	91.7	89.8	88.0	86.0	85.1	52
54	90.2	88.3	86.4	84.5	82.6	80.7	79.7	54
56	84.9	84.0	82.1	80.2	78.3	76.4	75.4	56
58	80.7	79.8	77.9	75.9	74.0	72.1	71.1	58
60	77.4	75.6	73.6	72.7	69.8	67.8	67.9	60
62	72.9	72.0	70.4	68.5	66.6	64.6	63.6	62
64	69.3	68.2	66.2	64.3	62.3	60.4	59.4	64
66	65.7	64.8	63.1	61.1	59.1	57.2	56.2	66
68	62.8	60.8	59.9	58.0	56.0	53.0	53.0	68
70	59.4	57.7	55.7	54.8	52.8	49.8	49.9	70
72	56.5	54.6	53.6	51.7	49.7	47.7	46.7	72
74	53.4	52.5	50.5	48.5	46.5	44.5	43.6	74
倍率n	2×9	2×9	2×9	2×9	2×9	2×9	2×8	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	3333	组合 Code

起重性能表
Lifting capacities

T 35.6-67.6m

W 60m

	35.6	 41.2	 46.8	 52.4	 58.1	 63.7	 67.6	
76	50.3	49.4	47.4	45.4	43.4	41.4	40.4	76
78	48.2	46.2	45.3	43.3	41.3	39.3	38.3	78
80	45.1	44.2	42.2	40.2	38.2	36.2	36.2	80
82	43.0	42.1	40.1	38.1	36.1	34.1	33.1	82
84	40.0	39.0	38.0	36.0	34.0	32.0	31.0	84
86	37.3	36.9	34.9	33.9	31.9	29.9	28.9	86
88	31.9	34.9	32.8	31.9	29.9	27.8	26.8	88
90		32.8	30.8	29.8	27.8	25.8	24.8	90
92		30.0	28.7	27.7	25.7	23.7	22.7	92
94		24.4	27.7	25.7	23.7	21.6	21.7	94
96			25.6	23.6	21.6	20.6	19.6	96
98			22.2	22.6	20.6	18.5	17.5	98
100				20.5	18.5	16.5	16.5	100
102				18.5	17.5	15.4	14.4	102
104					15.4	13.4	13.4	104
106						12.4	11.3	106
倍率n	2×9	2×9	2×9	2×9	2×9	2×9	2×8	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	3333	组合 Code

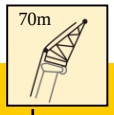

67.6
63.7
58.1
52.4
46.8
41.2
35.6
T 67.6m
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
m
0
10
20
30
40
50
60
70
80
90
100
110

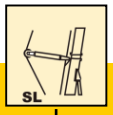
起重性能表
Lifting capacities

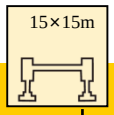
T 35.6-67.6m

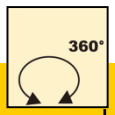
W 70m











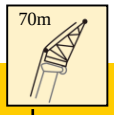
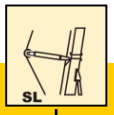
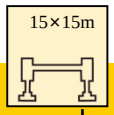
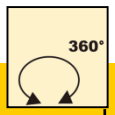


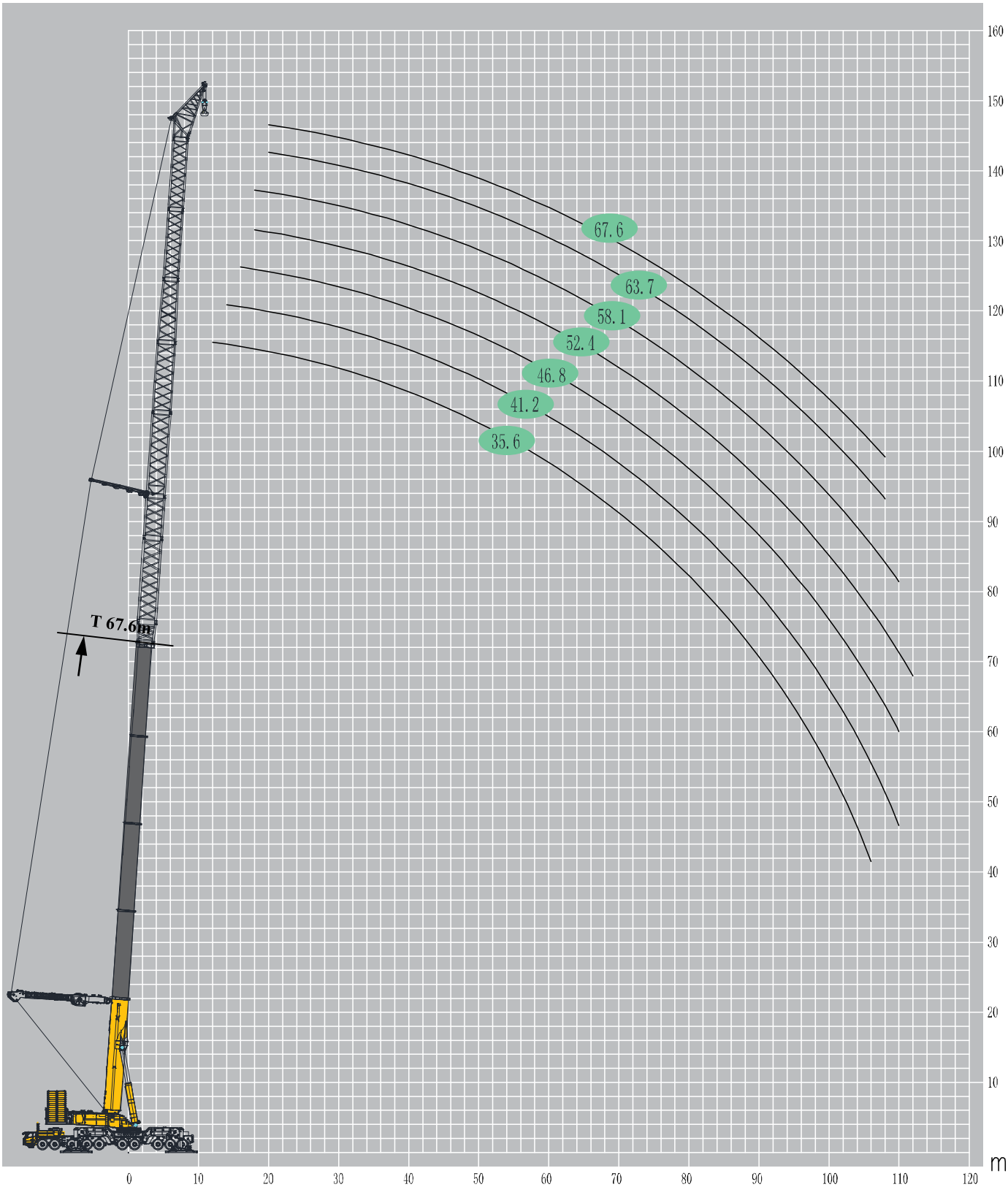
	35.6	41.2	46.8	52.4	58.1	63.7	67.6	
12	260.0							12
14	260.0	260.0	260.0					14
16	260.0	260.0	260.0	260.0	250.0			16
18	260.0	260.0	260.0	260.0	250.0	240.0	235.0	18
20	260.0	260.0	260.0	259.6	250.0	240.0	235.0	20
22	244.7	242.5	240.4	238.1	235.9	233.6	232.1	22
24	225.5	223.2	220.9	218.5	216.1	214.8	213.2	24
26	208.9	206.5	204.1	202.7	200.2	197.7	197.2	26
28	193.8	192.4	189.9	187.3	185.8	183.2	182.6	28
30	180.0	178.5	177.0	174.4	172.8	170.2	169.5	30
32	168.6	167.1	164.4	162.8	161.2	158.5	157.7	32
34	158.4	156.8	154.1	152.4	149.7	148.0	147.3	34
36	148.4	146.7	145.0	143.3	140.5	138.8	138.0	36
38	139.5	137.8	136.1	134.3	131.5	129.7	128.9	38
40	131.8	130.0	128.2	126.5	123.6	121.8	121.0	40
42	124.1	122.3	120.5	118.7	116.9	115.1	114.2	42
44	117.5	115.7	113.9	112.1	110.2	107.3	106.4	44
46	111.0	109.2	107.3	105.5	103.6	101.8	100.9	46
48	105.6	103.7	101.9	100.0	98.1	96.2	95.3	48
50	99.1	98.3	96.4	94.6	92.7	90.8	89.8	50
52	94.8	92.9	91.0	89.1	87.2	85.3	84.4	52
54	89.5	88.6	86.7	84.8	82.9	81.0	80.0	54
56	85.2	83.3	82.4	80.5	78.6	76.6	75.7	56
58	80.9	80.1	78.1	76.2	74.3	72.3	71.4	58
60	76.7	75.8	73.9	71.9	70.0	68.0	67.1	60
62	73.5	71.6	69.6	68.7	66.8	63.8	63.8	62
64	69.3	68.4	66.4	64.5	62.5	60.5	59.6	64
66	66.1	65.2	63.3	61.3	59.3	57.3	56.4	66
68	63.0	62.1	60.1	58.1	56.1	53.1	53.2	68
70	59.8	58.9	56.9	55.0	53.0	49.9	50.0	70
72	56.7	55.8	53.8	51.8	49.8	47.8	46.8	72
74	53.6	52.6	50.6	48.7	46.7	44.7	43.7	74
76	51.5	49.5	47.5	46.5	43.5	41.5	40.5	76
倍率n	2×8	2×8	2×8	2×8	2×8	2×8	2×7	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	3333	组合 Code

起重性能表
Lifting capacities

T 35.6-67.6m

W 70m

	35.6	41.2	46.8	52.4	58.1	63.7	67.6	
								
78	48.4	47.4	45.4	43.4	41.4	39.4	38.4	78
80	46.3	44.3	42.3	41.3	39.3	36.3	36.3	80
82	43.2	42.2	40.2	38.2	36.2	34.2	33.2	82
84	41.1	40.1	38.1	36.1	34.1	32.1	31.1	84
86	39.0	38.0	36.0	34.0	32.0	30.0	29.0	86
88	36.9	36.0	34.0	31.9	29.9	27.9	26.9	88
90	34.9	33.9	31.9	29.9	27.9	25.8	24.8	90
92	32.8	31.8	29.8	27.8	25.8	23.8	23.8	92
94	30.7	29.8	27.7	26.8	24.7	22.7	21.7	94
96	28.3	27.7	26.7	24.7	22.7	20.6	19.6	96
98	22.8	26.7	24.6	22.6	20.6	18.6	17.6	98
100		24.6	22.6	21.6	19.6	17.5	16.5	100
102		21.6	21.5	19.5	17.5	15.5	14.5	102
104		16.9	19.5	18.5	16.5	14.4	13.4	104
106			18.1	16.4	14.4	12.4	12.4	106
108				15.4	13.4	11.3	10.3	108
110					11.3			110
倍率n	2×8	2×8	2×8	2×8	2×8	2×8	2×7	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	3333	组合 Code

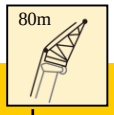

67.6
63.7
58.1
52.4
46.8
41.2
35.6
T 67.6m
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
m
0
10
20
30
40
50
60
70
80
90
100
110
120

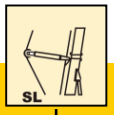
起重性能表
Lifting capacities

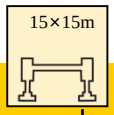
T 35.6-67.6m

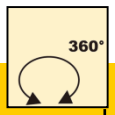
W 80m











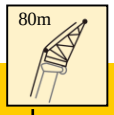
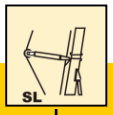
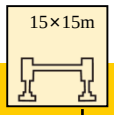
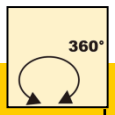


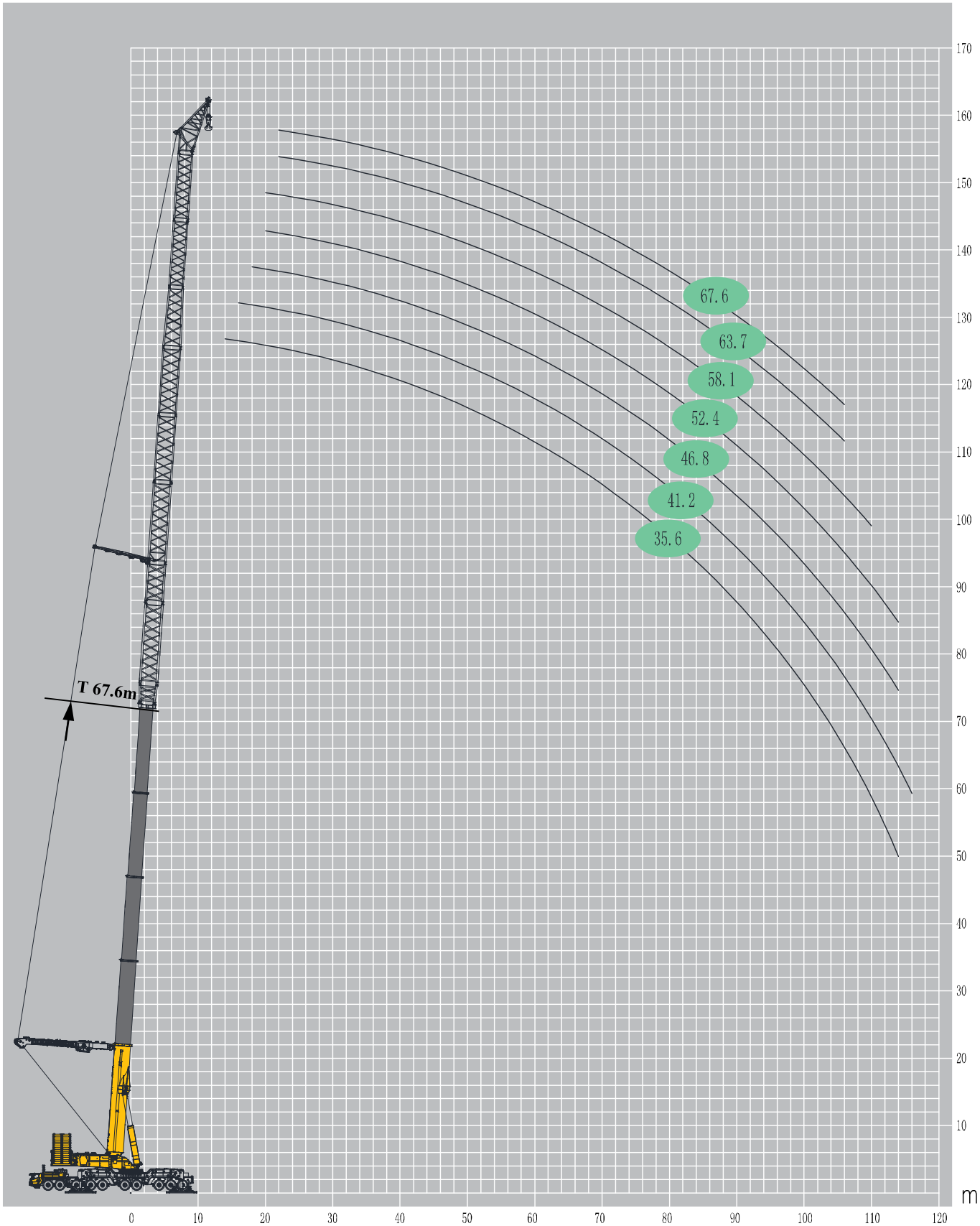
	35.6	41.2	46.8	52.4	58.1	63.7	67.6	
12	240.0							12
14	240.0	240.0						14
16	240.0	240.0	240.0					16
18	240.0	240.0	240.0	240.0	240.0			18
20	240.0	240.0	240.0	240.0	240.0	230.0	225.0	20
22	240.0	240.0	237.9	235.6	233.4	230.0	225.0	22
24	222.8	221.6	219.2	216.8	214.4	212.0	211.5	24
26	207.2	204.7	202.2	200.8	198.3	195.8	195.2	26
28	191.9	190.4	187.9	186.4	183.8	181.1	180.5	28
30	179.0	177.5	174.9	173.3	170.6	169.0	167.3	30
32	167.5	165.9	163.2	161.6	158.9	157.2	156.5	32
34	157.2	154.5	152.8	151.1	148.4	146.7	145.9	34
36	147.1	145.4	143.7	141.9	139.1	137.4	136.6	36
38	138.1	136.4	134.6	132.8	131.1	128.2	127.4	38
40	130.3	128.5	126.7	124.9	123.1	120.3	119.4	40
42	122.6	121.8	118.9	117.1	115.3	113.5	112.6	42
44	115.9	115.2	112.3	110.4	108.6	106.7	105.8	44
46	110.4	108.6	106.7	104.9	103.0	100.1	99.2	46
48	103.9	103.1	100.2	99.4	96.4	94.5	93.6	48
50	98.5	97.7	95.8	93.9	90.9	89.0	88.1	50
52	94.1	92.2	90.3	88.4	86.5	84.6	83.7	52
54	88.8	87.9	86.0	84.1	82.1	79.2	79.3	54
56	84.5	82.5	80.6	79.7	76.7	74.8	73.8	56
58	80.2	79.3	77.4	75.4	73.5	71.5	70.6	58
60	75.9	75.0	73.1	71.1	69.2	67.2	66.2	60
62	72.7	70.8	68.8	67.9	65.9	64.0	63.0	62
64	69.5	67.6	65.6	63.6	61.7	59.7	58.7	64
66	66.3	64.4	62.4	60.4	58.5	56.5	55.5	66
68	63.2	61.2	59.2	57.3	55.3	53.3	52.3	68
70	60.0	58.0	56.1	54.1	52.1	50.1	49.1	70
72	56.9	54.9	52.9	50.9	48.9	46.9	45.9	72
74	53.7	52.8	50.8	48.8	45.8	43.7	42.8	74
76	50.6	49.6	47.6	45.6	43.6	41.6	40.6	76
倍率n	2×8	2×8	2×8	2×8	2×8	2×7	2×7	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	3333	组合 Code

起重性能表
Lifting capacities

T 35.6-67.6m

W 80m

	35.6	 41.2	 46.8	 52.4	 58.1	 63.7	 67.6	
78	48.5	46.5	44.5	43.5	40.5	38.5	37.5	78
80	46.4	44.4	42.4	40.4	38.4	36.4	35.4	80
82	43.3	42.3	40.3	38.3	36.3	34.3	33.3	82
84	41.2	40.2	38.2	36.2	34.2	32.2	31.2	84
86	39.1	38.1	36.1	34.1	32.1	30.1	29.1	86
88	37.0	36.0	34.0	32.0	30.0	28.0	27.0	88
90	35.0	34.0	32.0	29.9	27.9	25.9	24.9	90
92	32.9	31.9	29.9	27.9	25.8	23.8	22.8	92
94	30.8	29.8	27.8	25.8	23.8	21.7	20.7	94
96	29.8	27.8	25.7	24.7	22.7	20.7	19.7	96
98	27.7	26.7	24.7	22.7	20.6	18.6	17.6	98
100	25.6	24.7	22.6	20.6	18.6	16.5	16.6	100
102	24.6	22.6	21.6	19.6	17.5	15.5	14.5	102
104	22.6	21.6	19.5	17.5	15.5	13.4	13.5	104
106	19.9	19.5	18.5	16.5	14.4	12.4	11.4	106
108		18.5	16.4	15.4	13.4	11.4	10.4	108
110		17.3	15.4	13.4	11.4			110
112				12.4				112
倍率n	2×8	2×8	2×8	2×8	2×8	2×7	2×7	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	3333	组合 Code

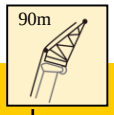

67.6
63.7
58.1
52.4
46.8
41.2
35.6
T 67.6m
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
m
0
10
20
30
40
50
60
70
80
90
100
110
120

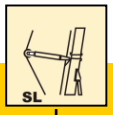
起重性能表
Lifting capacities

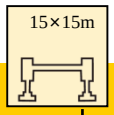
T 35.6-67.6m

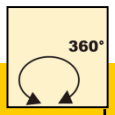
W 90m











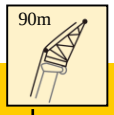
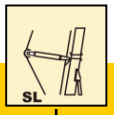
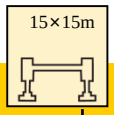
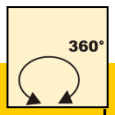


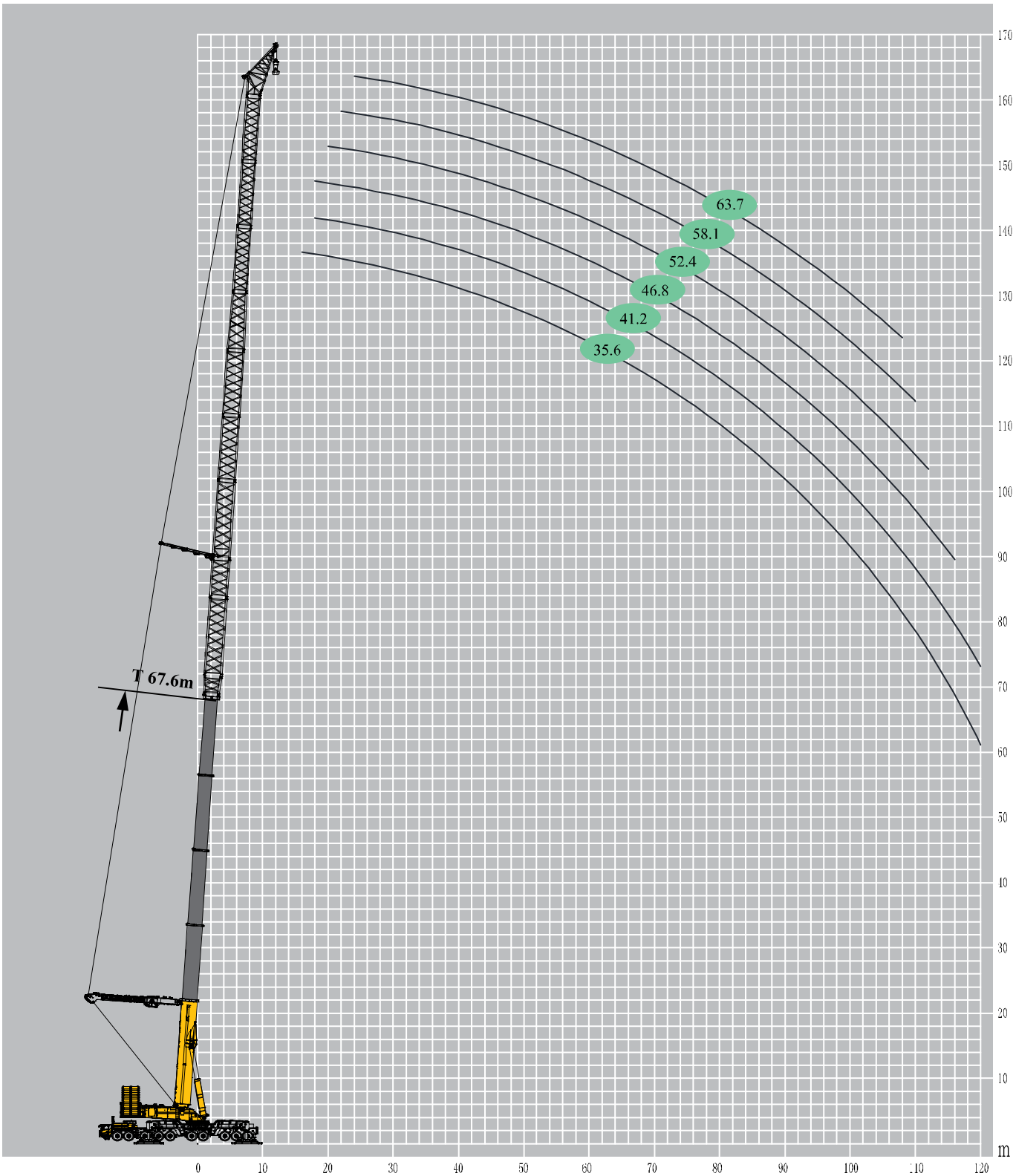
	35.6	41.2	46.8	52.4	58.1	63.7	67.6	
14	220.0							14
16	220.0	220.0						16
18	220.0	220.0	220.0					18
20	220.0	220.0	220.0	220.0	220.0			20
22	220.0	220.0	220.0	220.0	220.0	210.0	200.0	22
24	220.0	218.9	216.5	215.1	212.7	210.0	200.0	24
26	204.3	202.9	200.4	198.9	196.4	193.8	193.2	26
28	189.9	188.4	185.8	184.3	181.7	180.1	178.3	28
30	176.9	175.3	173.8	171.1	169.5	166.8	166.1	30
32	165.2	163.6	162.0	160.4	157.6	155.9	154.1	32
34	154.9	153.2	151.5	149.8	147.0	145.3	144.5	34
36	145.7	144.0	142.3	139.4	137.7	135.9	135.1	36
38	136.7	134.9	133.1	131.4	129.6	126.7	125.9	38
40	128.8	127.0	125.2	123.4	121.6	119.8	117.8	40
42	122.1	120.2	118.4	116.6	113.7	111.8	111.0	42
44	115.4	113.6	111.7	109.9	106.9	105.1	104.2	44
46	108.8	106.9	105.1	103.2	101.3	99.4	98.5	46
48	103.3	101.4	99.5	97.6	95.7	93.8	92.9	48
50	97.8	95.9	94.0	92.1	90.2	88.3	87.4	50
52	92.4	90.5	88.6	87.7	84.7	82.8	81.8	52
54	88.0	86.1	84.2	82.3	80.3	78.4	77.4	54
56	83.7	81.8	79.9	77.9	76.0	74.0	73.1	56
58	79.4	77.5	75.5	73.6	71.6	69.7	68.7	58
60	75.1	74.2	72.3	70.3	68.4	66.4	65.4	60
62	71.9	70.0	68.0	66.0	64.1	62.1	61.1	62
64	68.7	66.7	64.8	62.8	60.8	58.8	57.9	64
66	64.5	63.5	61.6	59.6	57.6	55.6	54.6	66
68	62.3	60.4	58.4	56.4	54.4	52.4	51.4	68
70	59.2	57.2	55.2	53.2	51.2	49.2	48.2	70
72	56.0	54.0	52.0	51.1	48.0	46.0	45.0	72
74	52.8	51.9	49.9	47.9	45.9	43.9	42.9	74
76	50.7	48.7	46.7	44.7	42.7	40.7	39.7	76
78	47.6	46.6	44.6	42.6	40.6	38.6	37.6	78
倍率n	2×7	2×7	2×7	2×7	2×7	2×7	2×7	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	3333	组合 Code

起重性能表
Lifting capacities

T 35.6-67.6m

W 90m

	35.6	41.2	46.8	52.4	58.1	63.7	67.6	
								
80	45.5	43.5	41.5	40.5	37.4	35.4	34.4	80
82	43.4	41.4	39.4	37.4	35.3	33.3	32.3	82
84	41.3	39.3	37.3	35.3	33.2	31.2	30.2	84
86	38.2	37.2	35.2	33.2	31.1	29.1	28.1	86
88	37.1	35.1	33.1	31.1	29.0	27.0	26.0	88
90	35.0	33.0	31.0	29.0	27.0	24.9	23.9	90
92	33.0	30.9	28.9	27.9	24.9	22.8	21.8	92
94	30.9	28.9	27.9	25.8	23.8	21.8	20.8	94
96	28.8	27.8	25.8	23.8	21.7	19.7	18.7	96
98	27.8	25.7	23.7	21.7	19.7	17.6	16.6	98
100	25.7	24.7	22.7	20.7	18.6	16.6	15.6	100
102	23.6	22.6	20.6	18.6	16.6	14.5	13.5	102
104	22.6	21.6	19.6	17.5	15.5	13.5	12.5	104
106	21.6	19.5	17.5	16.5	13.4	11.4	11.4	106
108	19.5	18.5	16.5	14.4	12.4			108
110	18.5	16.5	15.4	13.4	11.4			110
112	16.4	15.4	13.4	12.4				112
114	15.4	14.4	12.4	10.3				114
116		13.4						116
倍率n	2×7	2×7	2×7	2×7	2×7	2×7	2×7	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	3333	组合 Code

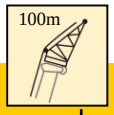

63.7
58.1
52.4
46.8
41.2
35.6
T 67.6m
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
m
0
10
20
30
40
50
60
70
80
90
100
110
120

起重性能表
Lifting capacities

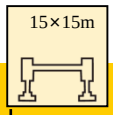
T 35.6-63.7m

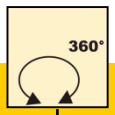
W 100m

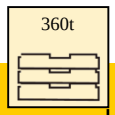












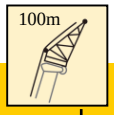
	35.6	41.2	46.8	52.4	58.1	63.7	
16	200.0						16
18	200.0	200.0	200.0				18
20	200.0	200.0	200.0	200.0			20
22	200.0	200.0	200.0	200.0	200.0		22
24	200.0	200.0	200.0	200.0	200.0	190.0	24
26	200.0	200.0	198.4	197.0	194.4	190.0	26
28	187.9	186.3	184.8	182.2	180.6	177.9	28
30	175.8	173.2	171.6	170.0	167.2	165.6	30
32	164.1	162.4	159.7	158.0	156.3	153.5	32
34	153.6	151.9	150.2	147.4	145.6	143.9	34
36	144.3	142.6	140.8	138.0	136.2	134.5	36
38	135.2	133.4	131.7	129.9	128.1	126.3	38
40	127.3	125.5	123.7	121.8	120.0	118.2	40
42	120.5	118.7	116.8	115.0	113.1	111.3	42
44	113.8	111.9	110.1	108.2	106.3	104.4	44
46	107.1	106.3	104.4	102.6	99.6	97.7	46
48	101.6	99.7	97.8	97.0	94.0	92.1	48
50	96.1	95.3	93.3	91.4	89.5	87.6	50
52	91.7	89.8	87.9	85.9	84.0	82.0	52
54	87.3	85.4	83.5	81.5	79.6	77.6	54
56	83.0	81.0	79.1	77.1	75.2	73.2	56
58	78.6	76.7	74.7	72.8	70.8	68.8	58
60	74.3	72.4	71.5	69.5	67.5	65.5	60
62	71.1	69.1	67.2	65.2	63.2	61.2	62
64	66.8	65.9	63.9	62.0	60.0	58.0	64
66	63.6	62.7	60.7	58.7	56.7	54.7	66
68	61.5	59.5	57.5	55.5	53.5	51.5	68
70	58.3	56.3	54.3	52.3	50.3	48.3	70
72	55.1	54.2	52.2	50.2	48.2	46.1	72
74	53.0	51.0	49.0	47.0	45.0	42.9	74
76	49.8	48.9	46.9	44.8	41.8	39.8	76
78	47.7	45.7	43.7	41.7	39.7	37.6	78
80	44.6	43.6	41.6	39.6	37.5	35.5	80
倍率n	2×6	2×6	2×6	2×6	2×6	2×6	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	组合 Code

起重性能表
Lifting capacities

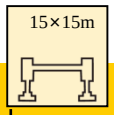
T 35.6-63.7m

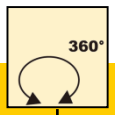
W 100m

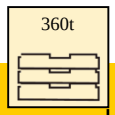








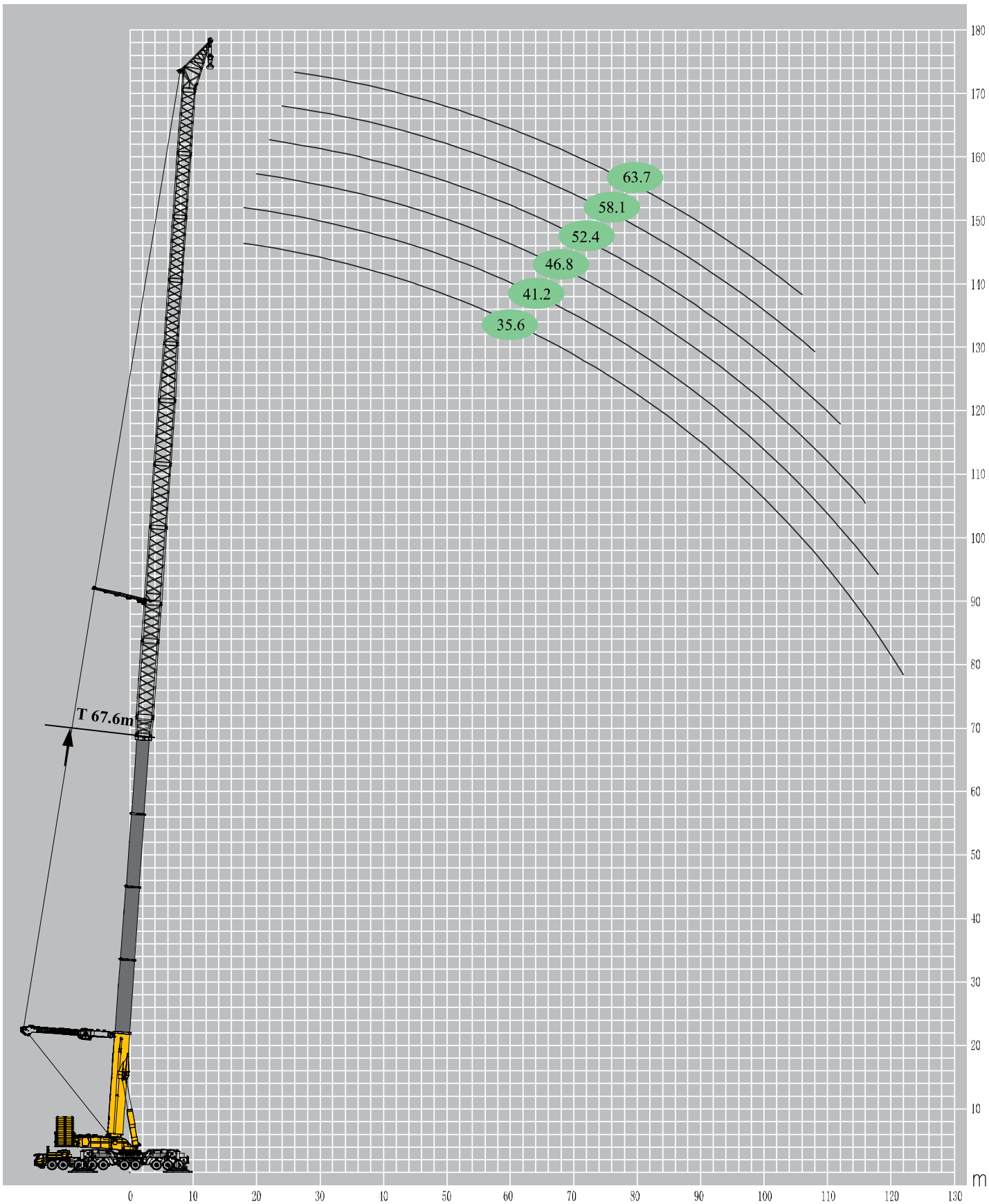




	35.6	41.2	46.8	52.4	58.1	63.7	
82	42.5	41.5	39.5	37.4	35.4	32.4	82
84	40.4	38.3	36.3	35.3	32.3	30.2	84
86	38.3	36.2	34.2	33.2	30.2	28.1	86
88	36.2	34.2	32.1	31.1	28.1	26.0	88
90	34.1	32.1	31.1	29.0	27.0	25.0	90
92	32.0	31.0	29.0	27.0	24.9	22.9	92
94	31.0	28.9	26.9	24.9	22.8	20.8	94
96	28.9	26.9	24.8	23.8	20.8	18.7	96
98	26.8	25.8	23.8	21.7	19.7	17.7	98
100	25.8	23.7	21.7	19.7	17.6	15.6	100
102	23.7	22.7	20.7	18.6	16.6	14.5	102
104	22.7	20.6	18.6	16.6	14.5	12.5	104
106	20.6	19.6	17.6	15.5	13.5	11.4	106
108	19.6	17.5	15.5	14.5	12.4		108
110	18.5	16.5	14.5	12.4	10.4		110
112	16.5	15.5	13.4	11.4			112
114	15.4	14.4	12.4				114
116	14.4	12.4	10.3				116
118	13.4	11.3					118
120	11.3	10.3					120
倍率n	2×6	2×6	2×6	2×6	2×6	2×6	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	组合 Code

起升高度曲线图
Lifting heights

超起+风电臂110m
Super lifting device + wind power jib of 110 m

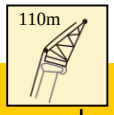


起重性能表
Lifting capacities

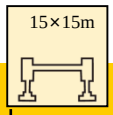
T 35.6-63.7m

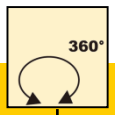
W 110m

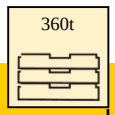












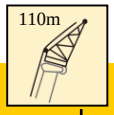
	35.6	41.2	46.8	52.4	58.1	63.7	
18	185.0	185.0					18
20	185.0	185.0	185.0				20
22	185.0	185.0	185.0	185.0			22
24	184.0	185.0	185.0	185.0	185.0		24
26	179.6	185.0	185.0	185.0	185.0	173.0	26
28	175.1	182.3	182.7	181.1	178.5	173.0	28
30	170.9	172.0	170.4	167.7	166.0	163.3	30
32	162.8	160.1	158.4	156.7	153.9	152.2	32
34	152.2	150.5	147.7	146.0	144.3	142.5	34
36	142.9	141.2	139.4	136.5	134.8	133.0	36
38	133.7	131.9	130.2	128.3	126.5	124.7	38
40	125.7	125.0	122.1	120.3	118.4	116.6	40
42	118.9	117.1	115.2	113.4	111.5	109.6	42
44	112.1	110.3	108.4	106.5	104.6	102.7	44
46	106.5	104.6	102.7	100.8	98.9	97.0	46
48	100.9	99.0	97.1	95.2	93.3	91.4	48
50	95.4	93.5	91.6	89.7	87.7	85.8	50
52	89.9	89.1	87.1	85.2	83.2	81.3	52
54	85.5	83.6	81.6	80.8	78.8	76.8	54
56	81.2	79.2	78.3	76.4	74.4	72.4	56
58	76.8	75.9	73.9	72.0	70.0	68.0	58
60	73.5	71.6	69.6	67.6	65.6	63.6	60
62	69.2	68.3	66.3	64.4	62.4	60.4	62
64	66.0	65.1	63.1	61.1	59.1	57.1	64
66	62.8	61.8	59.9	57.9	55.9	53.8	66
68	59.6	58.6	56.6	54.6	52.6	50.6	68
70	57.4	55.4	53.4	51.4	49.4	47.4	70
72	54.2	52.2	51.3	49.3	47.2	45.2	72
74	52.1	50.1	48.1	46.1	44.0	42.0	74
76	48.9	47.9	45.9	43.9	41.9	39.9	76
78	46.8	44.8	42.8	40.7	38.7	36.7	78
80	44.7	42.7	40.6	38.6	36.6	34.6	80
82	41.5	40.5	38.5	36.5	34.5	32.4	82
倍率n	2×6	2×6	2×6	2×6	2×6	2×6	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	组合 Code

起重性能表
Lifting capacities

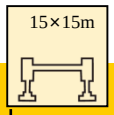
T 35.6-63.7m

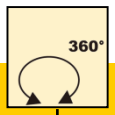
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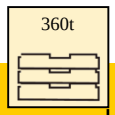












	35.6	41.2	46.8	52.4	58.1	63.7	
84	39.4	38.4	36.4	34.4	32.4	30.3	84
86	37.3	36.3	34.3	32.3	30.3	28.2	86
88	35.2	34.2	32.2	30.2	28.1	26.1	88
90	33.1	32.1	30.1	28.1	26.0	24.0	90
92	32.1	30.1	28.0	26.0	24.0	21.9	92
94	30.0	28.0	25.9	24.9	21.9	19.8	94
96	27.9	26.9	24.9	22.8	20.8	18.8	96
98	26.9	24.8	22.8	20.8	18.7	16.7	98
100	24.8	22.8	21.8	19.7	17.7	15.6	100
102	23.7	21.7	19.7	17.6	15.6	13.5	102
104	21.7	20.7	18.6	16.6	14.5	12.5	104
106	20.6	18.6	16.6	14.5	12.5	10.4	106
108	18.6	17.6	15.5	13.5	11.4		108
110	17.5	15.5	14.5	12.4			110
112	16.5	14.5	12.4	11.4			112
114	15.5	13.4	11.4				114
116	13.4	12.4	10.4				116
118	12.4	11.4					118
120	11.3						120
122	10.3						122
倍率n	2×6	2×6	2×6	2×6	2×6	2×6	倍率n
组合 Code	0012	0022	0122	0222	1222	2222	组合 Code

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	26894×3500×6548			
	轴距 Wheel base		mm	1750+2450+2135+1750+3320+1750+3320+1750+1750			
	轮距（前/后） Track（Front/ Rear ）		mm	505/95R25 (18.00R25)	2955		
				525/80R25 (20.5R25)	2955		
	前悬/后悬 Front/ Rear overhang		mm	2780/1770			
	前伸/后伸 Front/ Rear extension		mm	0/0			
重量参数 Weight	最大允许总质量 Max. permissible total weight		kg	75000	125000	192000	317000
	轴荷 Axle load	一轴 1st axle	kg	8300	11700	19400	32600
		二轴 2nd axle	kg	8300	11700	19400	32600
		三轴 3rd axle	kg	8300	11700	19400	32600
		四轴 4th axle	kg	8300	11700	19400	32600
		五轴 5th axle	kg	8300	11700	19400	32600
		六轴 6th axle	kg	6700	13300	19000	30800
		七轴 7th axle	kg	6700	13300	19000	30800
		八轴 8th axle	kg	6700	13300	19000	30800
		九轴 9th axle	kg	6700	13300	19000	30800
		十轴 10th axle	kg	6700	13300	19000	30800
动力参数 Power	发动机型号 Engine model		——	WP17G770E304			
	额定功率/转速 Engine rated power/rpm		kW/(r/min)	566/1900			
	最大净功率/转速 Max. net power/rpm		kW/(r/min)	566/1900			
	最大输出扭矩/转速 Max. output torque/rpm		N.m/(r/min)	3000N.m /（1200~1500）rpm			
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	2			
	最小转弯直径 Min. turning diameter		m	37			
	最小离地间隙 Min. ground clearance		mm	430/ 505/95R25 380/ 525/80R25 (悬挂中位状态/ suspensions are in the neutral position)			
	接近角 Approach angle		°	17（505/95R25）/ 16（525/80R25 ）			
	离去角 Departure angle		°	47（505/95R25）/ 44（525/80R25 ）			
	制动距离（制动初速度为30 km/h） Braking distance (initial speed at 30 km/h)		m	≤10			
	最大爬坡能力 Max. grade ability		%	60	60	36	20
	百公里油耗(75吨状态) Fuel consumption per 100 km（Total weight 75t）		L	110			

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	3000*
	最小额定工作幅度 Min. rated working radius			m	2
	转台尾部回转半经 Turning radius at turntable tail			mm	8660
	最大起重力矩 Max. load moment	基本臂 Base boom		kN.m	52684
		最长主臂 Fully-extended boom		kN.m	27988
		最长主臂+副臂 Fully-extended boom + Jib		kN.m	47996
	支腿跨距 Outrigger span	纵向 Longitudinal		m	15
		横向 Lateral		m	15
	起升高度 Lifting height	基本臂 Base boom		m	19
		最长主臂 Fully-extended boom		m	68
		最长主臂+副臂 Fully-extended boom + Jib		m	173
	起重臂长度 Boom (+jib) length	基本臂 Base boom		m	19.8
		最长主臂 Fully-extended boom		m	68.6
		最长主臂+风电臂 Fully-extended boom + Wind power jib		m	173.7
工作速度参数 Working speed	起重臂起臂时间 Time for raising the boom			s	≤350
	起重臂全伸时间 Time for fully extending the boom			s	≤1800
	最大回转速度 Max. slewing speed			r/min	0.8
	支腿收放时间 Time for extending and retracting the outrigger	水平支腿 Outrigger beam	收 Retracting	s	≤60
			放 Extending	s	≤60
		垂直支腿 Outrigger jack	收 Retracting	s	≤200
			放 Extending	s	≤200
	起升速度（单绳,第11层，空载） Hoisting speed (single line, 11th layer, no load)	主、副起升机构 Main / auxiliary winch		m/min	≥135
噪声 Noise	机外辐射 Exterior noise level			dB（A）	≤112
	司机位置处 Noise level at seated position			dB（A）	≤85

*起重能力等级Capacity class

符号标识
Description of 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 Working radius		爬坡能力 Grade ability
	吊臂仰角 Boom angle		轮胎 Tires
	主臂起升高度 Hoist height of 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 of jib		卷扬 Winch
	独立臂头或风电臂 Independent jib head /Wind power jib		360°全回转 360° slewing
	变幅副臂 Luffing jib		超起 Super lifting device

注意事项
Notes

1. 本手册仅供参考，所有信息均仅供说明，不应依赖它去操作起重机，起重机的正确操作说明请参见操作手册和额定起重量手册
2. 表中所列起重量单位均为公吨（t），是当前臂长及幅度下，起重机在稳固、水平表面上能够保证的最大总起重量，包括吊钩和吊具的重量，吊重时必须减去上述装置的重量。
3. 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。
4. 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。
5. 只允许在5级（瞬时风速14.1m/s，风压125N/m2）风以下进行作业。

1. This manual is intended as reference only. See Operation Manual and Rated Lifting Capacity Manual for correct operation instructions.
2. The total rated loads given in the rated load charts are the maximum lifting capacity (in tonne) under corresponding boom length and working radius when the crane is set up on firm and level ground. The total rated load includes the weight of the hook block and slings. The weight of above-mentioned devices should be deducted during lifting operation.
3. The working radius shown in the rated load charts is the horizontal distance between the load and slewing axis of crane when the load is lifted off the ground.
4. 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.
5. A lifting operation is permissible only when the wind force is no more than grade 5 (instantaneous wind speed is 14.1 m/s, wind pressure is 125 N/m^2).

地址：江苏省徐州经济技术开发区高新路68号

Add：No. 68, Gaoxin Road, Economic and Technological Development Zone, Xuzhou, Jiangsu, China

电话(Tel)：+86-516-83462242

质量监督电话(Quality Inquiry Tel)：+86-516-87888268

备件电话(Spare Parts Tel)：+86-516-83461542

邮编(Post Code)：221004

网址(Web)：www.xcmg.com

服务热线 Service Tel

400-110-9999

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