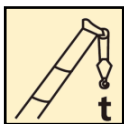


XCA250BR II全地面起重机 / **Triângulo**

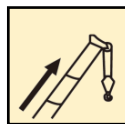
GUINDASTES

技术规格书

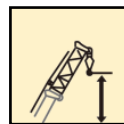
Technical specifications



250t



73m



112m



2022年3月 第1版

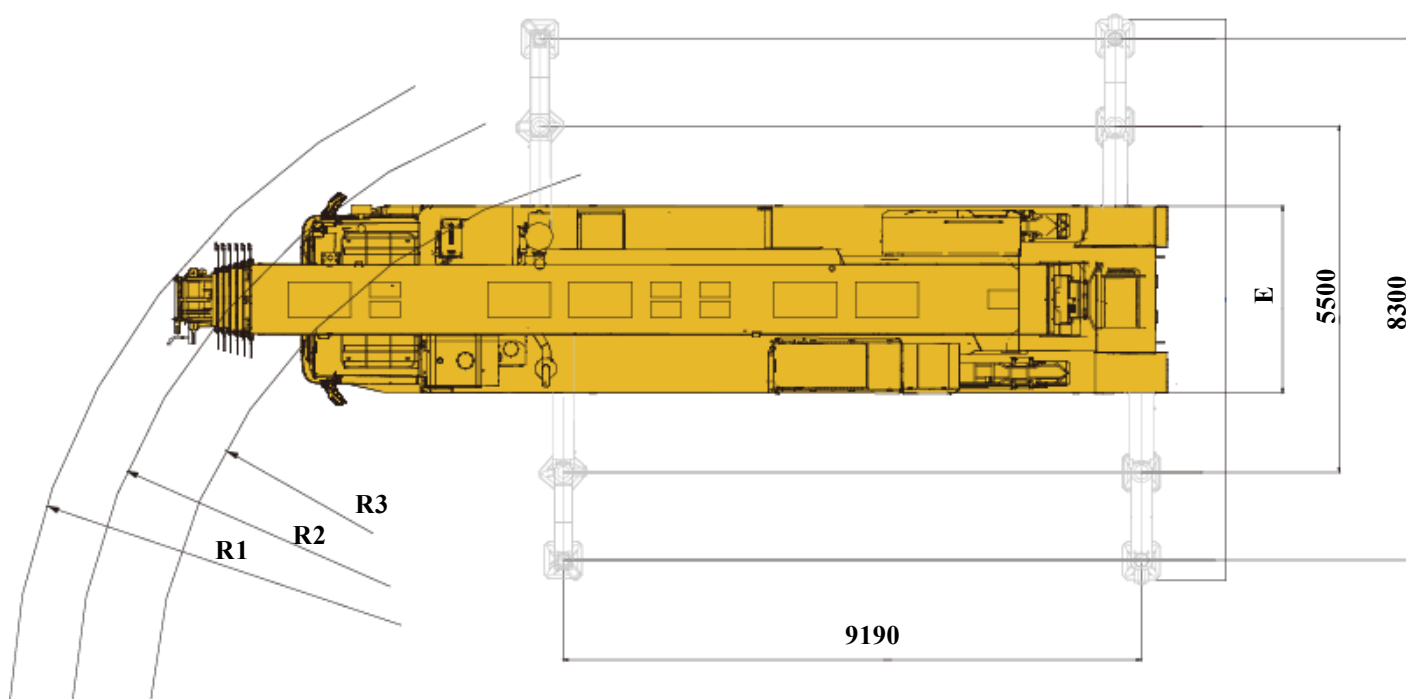
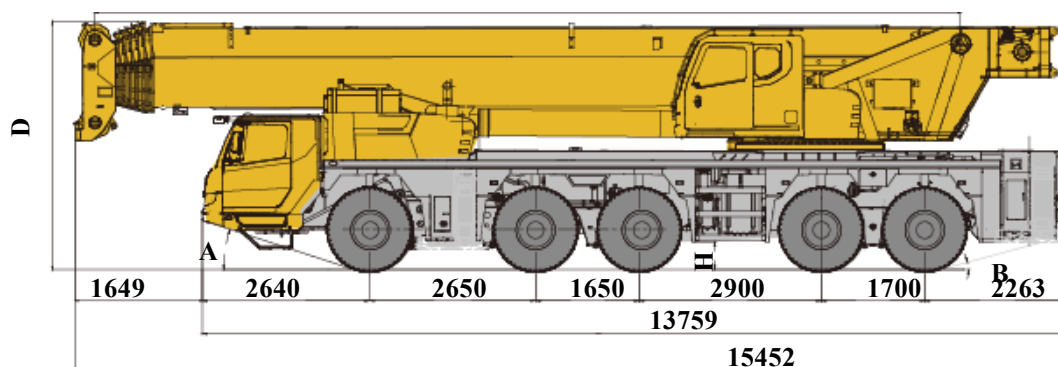
目录 Contents	
尺寸参数 Dimensions	3
技术规格 Technical specifications	4-10
重量/作业速度 Weight / Working speeds	10
运输部件尺寸 Dimensions of parts to be transported	13-14
平衡重 Counterweight	15
臂架组合方案 Boom / Jib combinations	16-18
主臂 Boom	19-29
副臂 Jib	30-77
符号标识 Description of symbols	81
主要技术参数表 Table of main technical parameters	82-83
注意事项 Notes	84

尺寸参数 Dimensions

GUINDASTES

Triângulo

13400-73000



	A	B	D	E	R1	R2	R3	H
445/95 R 25	19°	14°	4000	3000	11500	10800	9250	357

技术规格 Technical specifications

GUINDASTES

Triângulo

 底盘	配置	车桥	重庆大江高强度车桥，配盘式制动器。	●	
车架	徐工设计、制造，全覆盖式走台板，防扭转箱型结构，高强度钢材制造。	●			
支腿	4支腿，H形布置，采用双级水平支腿，水平伸缩和垂直伸缩由液压控制，底盘两侧装有电控操纵控制台，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。	●	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。	●
发动机	WP13G530E310，直列六缸水冷电控柴油发动机，潍柴制造，额定功率390kW/2100 rpm，最大扭矩2300Nm/1200 ~ 1600 rpm，巴西MAR-1排放标准。 发动机最大基准扭矩：2711N.m 燃油箱容积：480L	●	轮胎	10个轮胎，1个备胎，每桥均装单胎，普利司通制造，承载力大。 445/95R25 (16.00R25)	●
液压系统	泵组直接连接在发动机的取力口上，用于支腿、转向、悬挂和独立液压散热。	●	制动	行车制动：双回路气压制动，作用于所有车轮。 驻车制动：弹簧贮能制动，作用于2-5轴车轮。 辅助制动：发动机排气制动，变速箱缓速制动、电涡流缓速制动，安全可靠，延长制动摩擦片使用寿命。	●
变速箱	ZF12档自动变速器，12个前进档2个倒档，带缓速制动。	●	转向	全桥转向，采用先进的电液比例转向控制技术，可适应多种工况的要求，实现多种转向模式。	●
分动箱	株齿机械分动箱，有应急转向油泵。	●	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和CD音响等。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。 标配冷暖空调。	●
			电气系统	直流24伏特，2个电池串联。	●

	上车	配置
结构	徐工设计、制造，高强度钢材制造。	●
液压系统	下车发动机通过传动装置驱动变量泵，用于起升、变幅、伸缩和回转。采用进口电液换向阀，与变量柱塞泵进行良好的匹配，启停平稳，风冷式液压油冷却器，有效降低系统油温。	●
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。	●
起升机构	双折线绳槽卷筒，由液压马达驱动，内置行星齿轮减速器和常闭式制动器。进口钢丝绳，钢丝绳端带绳头，直接安装于索套内，提高了更换速度，方便快捷。	主卷 ●
		副卷 ○
回转机构	单排四点接触球外齿式回转支承，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滑转的功能，可无级调速	●
操纵室	推拉式门，可调式座椅，可翻仰20°，装有安全玻璃和顶部保护栏，配备力矩限制器、电控箱、电动前窗刮水器、发动机动力加速踏板、发动机起动开关、前窗遮阳帘等。标配冷暖空调。	●

安全装置	液压平衡阀、液压溢流阀、液压双向锁、力矩限制器；三圈保护器，防止钢丝绳过放；臂头设置高度限位，防止钢丝绳过卷；风速仪，检测高空风速；卷扬监视装置，实时监控卷扬状态。	●
力矩限制器	当实际力矩接近过载时，发出听觉视觉警报，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	总重80t，有10t、20t、30t、40t、50t、68t和80t七种组合方式。	●
电气系统	直流24伏特。	●
吊钩	12.5吨吊钩	●
	40t吊钩	●
	85t吊钩	●
	150t吊钩	○
无线遥控装置	进行起重机主动作及辅助动作的远程操作，提高操作的方便性及安全性	○

 臂架系统	配置
主臂 7节，“U”形截面的筒形焊接结构。单缸插销伸缩机构，1个装有安全阀的双作用的伸缩油缸，控制每节臂的伸缩，多种伸缩模式可供选择。 主臂长度：13.4m ~ 73m。	●
副臂 桁架式结构、无级变幅，有0°、20°和40°三种安装角度。 副臂长度：12m ~ 44m，包含11种组合形式（12、16、20、24、28、32、36、8+24、8+28、8+32、8+36）	○
8m主臂加长节	○
连接架	○
旋转架	○
两节副臂	○
4m加长节	○
8m加长节	○
臂端单滑轮 单滑轮，安装在主臂顶端用于单股钢丝绳起重作业，起重性能与主臂相同，但最大起重量不超过11t。	●

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

GUINDASTES

Triângulo

	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 arranged in H-shape are hydraulically controlled by control levers. Double-stage outrigger beam is adopted. There is an outrigger control station located at each side of the chassis, and there is a level gauge, an illuminator and two 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.	●
Engine	WP13G530E310, in-line, 6-cylinder, water cooled, electric control diesel engine, made by WEICHA, with rated power of 390kW/ 2100 rpm and max. torque of 2300Nm/1200 ~ 1600 rpm, comply with Brazil MAR-1 emission standard. Max.reference torque/rpm : 2711 N.m Fuel tank capacity: 480 L	●
Hydraulic system	The pump group is connected to the PTO of the engine for controlling the movements of outriggers, steering, suspension and independent cooling for hydraulic system.	●
Transmission	ZF 12 gear automatic transmission, 12 forward gears and 2 reverse gears with retarder brake; .	●
Transfer box	Zhuzhou Gear mechanical transfer gear is equipped with emergency steering pump.	●
Axles	High strength axle made by Chongqing Dajiang equipped with disc brake.	●

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.		●
Tires	tire, manufactured by Bridgestone, with large bearing capacity.	445/95R25 (16.00R25)	●
Brakes	Service brake: double-circuit air pressure brake, acting on all wheels. Parking brake: spring-loaded brake, acting on the wheels of axles 2~5; Auxiliary brake: engine exhaust brake, transmission retarder brake, eddy current retarder brake, safe and reliable, and will prolong the service life of brake lining.		●
Steering	All axles steering, advanced technology of electro-hydraulic proportional steering control is suitable for various demands of working conditions and several steering modes can be realized.		●
Driver's cab	New full dimension steel structure cab, with suspension connecting structure adopted, and is equipped with shock absorbers at the rear of the cab. The vehicle equipped with adjustable seats, safety glass, electrically operated door window lifter, electric-adjustable mirrors, steering wheel adjustable in height and angle, large screen liquid crystal display and CD player, etc. New combined central control panel is reasonably arranged with arc shape adopted, presenting human-oriented design concept. Heater and air conditioner are standard.		●
Electrical system	DC 24 V, two batteries in series.		●

技术规格 Technical specifications

GUINDASTES

Triângulo

	Superstructure	Configuration
Frame	Designed and manufactured by XCMG, made of high strength steel.	●
Hydraulic system	Variable pump driven by chassis engine, used for hoisting, elevating, telescoping and slewing operation. Imported electro-hydraulic change valve, matching perfectly and stably with plunger variable pump. Air-cooled hydraulic oil cooler may effectively reduce the oil temperature in the system.	●
Operating mode	The electric-proportional pilot operation system is equipped with two levers on the left and right controlling the main movements of the crane can archive stepless slewing speed regulation.	●
Winch system	The winch system equipped with drum of Lebus grooves is driven by the hydraulic motor, has build-in planetary gear reducer and constant closed brake. The imported wire rope has a rope head, which is directly installed in pouch socket. Time for replacing wire rope is shortened, the replacement is easy and fast. This shorten the time for replacing wire rope and make the process easy and fast.	Main winch ●
		Auxiliary winch ○
Slewing system	A single-row, four-point contact-ball external slewing bearing is driven by hydraulic motor, with built-in planetary gear reducer and constant-closed brake equipped, and may continuously slew 360°. Power control and free slewing function as well as stepless speed regulation are available.	●
Operator's cab	Large arc glass, sliding door, adjustable seat with 20° tilting are adopted. Safety glass and top protective rails, LMI, controller box, electric windshield wipers, engine accelerator pedal, engine start switch and windshield visor, etc. are also available. Heater and air conditioner are standard.	●

Safety devices	Hydraulic counterbalance valve, hydraulic relief valve, hydraulic double-way valve and 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. Winch monitor is for real-time monitoring of winch running.	●
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 before overloading. Overload memory function (black box) and fault self-diagnosis function are available.	●
Combined counterweight	Total weight is 80t. 7 counterweight combinations of 10t, 20t, 30t, 40t, 50t, 68t and 80t are available.	●
Electrical system	DC 24 V.	●
Hook block	12.5t Hook block	●
	40t hook block	●
	85t hook block	●
	150t hook block	○
Wireless remote controller	The wireless controller can remote control the main operation and auxiliary operation of crane, improving the convenience and security during operation.	○

	Boom and jib	Configuration
Boom	The vehicle have 7 sections boom with welding U cross-section. Single-cylinder pinning telescoping system is adopted. A double-acting cylinder with safety valve is used for controlling the telescoping movements of all boom sections with various telescoping pattern available. Boom length: 13.4m~73m.	●
Jib	The jib with lattice structure can achieve stepless luffing with 0° , 20° and 40° jib offset angles available. Jib length: 12m~44m, with 11 kinds of combinations (12, 16, 20, 24, 28, 32, 36, 8+24, 8+28, 8+32, 8+36)	○
	Boom extension of 8m	○
	Connecting bracket	○
	Rotating bracket	○
	Two jib sections	○
	Jib insert of 4m	○
	Jib insert of 8m	○
Single top	Fitted at boom head, used for single line operation. The lifting performance is the same as that for main boom, but the maximum lifting load does not exceed 11t.	●

Product parts list is as mentioned above. Please refer to the product quotation for specific parts.

Symbol explanation:

- —it means the standard configuration;
- —it means the optional configuration.

重量 Weight

GUINDASTES

Triângulo



车桥 Axle	1	2	3	4	5	总重量 Total weight
t	12	12	12	12	12	60 ¹⁾

1) 上车不带平衡重、臂端单滑轮、起重机吊钩、副臂、液压胶管卷筒、副起升机构、下车不带备胎、备胎支架。
驱动形式：10x8；轮胎规格：445/95R25

1)The counterweight, single top, hook block, jib, hose reel for the hydraulic cylinder, auxiliary winch, spare tire and spare tire bracket are excluded, and the outrigger and the outrigger float are included.

2)Driving type: 10x8; Tire specification:445/95R25

重量 Weight

GUINDASTES

Triângulo



吊钩 Hook	倍率 No. of lines	吊钩重量 Weight (kg)	备注 Remarks
150t	14	1900	双钩 Double hook, 选配Optional
85t	7	1000	双钩 Double hook, 标配Standard
45t	3	700	单钩 Single hook, 标配Standard
12.5t	1	460	单钩 Single hook, 标配Standard

作业速度 Working speeds



445/95 R 25
(16.00 R 25)



1 ~ 80



60%

重量 Weight

GUINDASTES

Triângulo



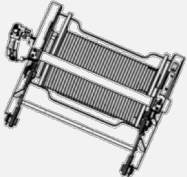
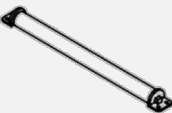
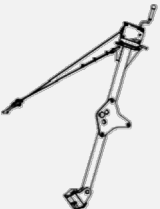
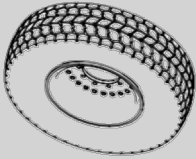
作业机构 Drive	作业速度 Working speed	最大单绳拉力 Max. single line pull	钢丝绳直径/长度 Rope diameter/ length
	0-130 m/min, 单绳, 第四层 m/min, single line, 4th layer	112kN	23 mm/300m
	0-130 m/min, 单绳, 第四层 m/min, single line, 4th layer	112kN	23 mm/260 m
	0-1.5 r/min		
	从-0.5°抬起至82°约55s Approx. 55s for boom elevation from -0.5° to 82°		
	从13.4m伸出至73m约750s Approx. 750s for boom extension from 13.4m to 73m		

运输部件尺寸

Dimensions of parts to be transported

GUINDASTES

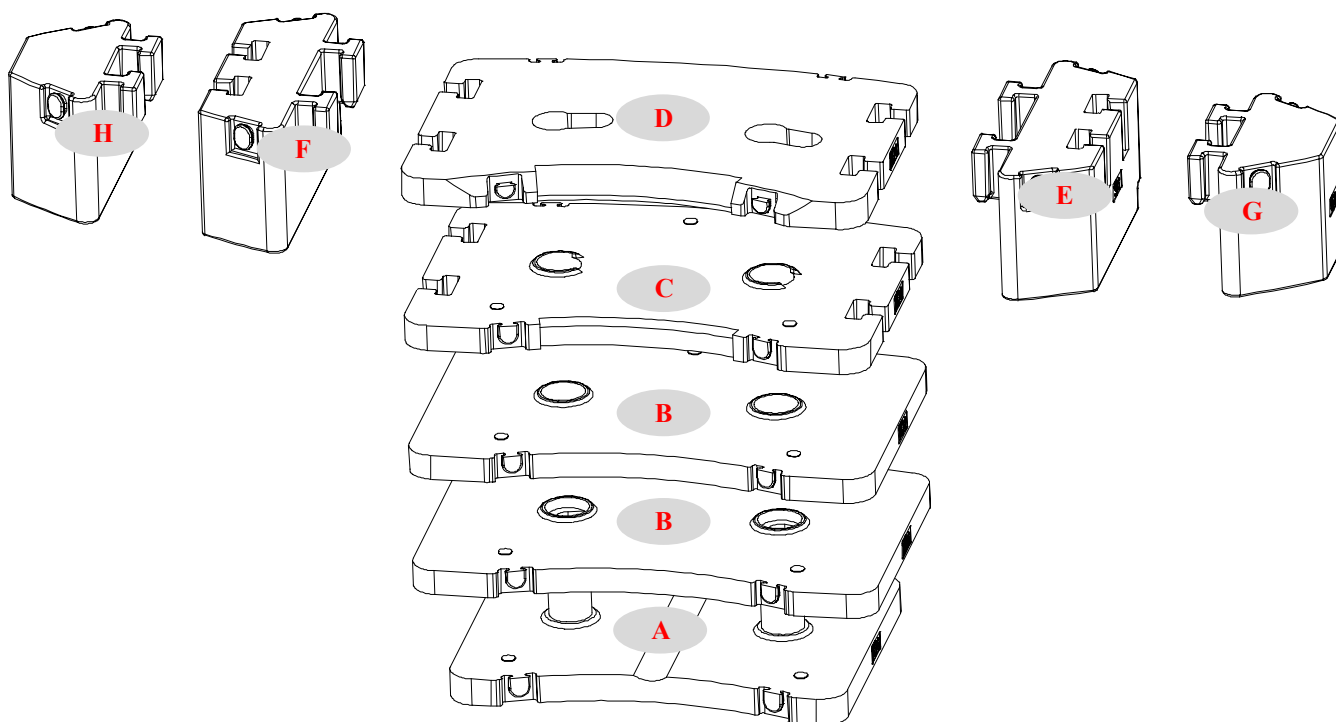
Triângulo

名称 Part Name	图示 Figure	单重 Weight (kg)	数量 Quantity	尺寸 Dimensions (mm)
副卷扬总成 (含钢丝绳) (选装) Auxiliary winch (including wire rope) (optional)		2130	1	1000 × 1210 × 950
臂端单滑轮 Boom single top		141	1	960 × 560 × 850
主卷托辊支架 Main winch roller bracket		9	1	1163 × 11 × 101
胶管卷筒 Hose reel		460	1	1500 × 1500 × 670
备胎支架 Spare tire bracket		53	1	1952 × 332 × 375
备胎 Spare tire		270	1	1360 × 1360 × 385

平衡重 Counterweight

GUINDASTES

Triângulo



平衡重 Counterweight	A	B	C	D	E	F	G	H
尺寸 (长×宽×高) mm Dimensions (L×W×H) mm	2990×2350 ×1024	3500×2350 ×223	3500×2350 ×232	3500×2300 ×216	2207×950× 1008	2207×950× 1008	1601×990× 1008	1601×990× 1008
重量 t Weight t	10	10	10	10	9	9	6	6

工况模式 Working mode	80t	68t	50t	40t	30t	20t	10t
组合形式 Combinations	A+B×2+C+D+E+F+G+H	A+B×2+C+D+E+F	A+B×2+C+D	A+B×2+C	A+B×2	A+B	A

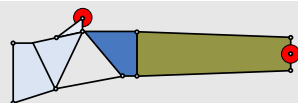
臂架组合方案

Boom / Jib combinations

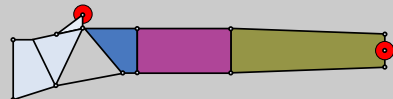
GUINDASTES

Triângulo

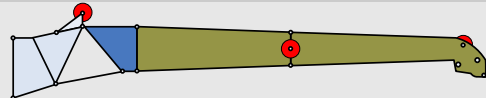
副臂 - 12m
Jib - 12m



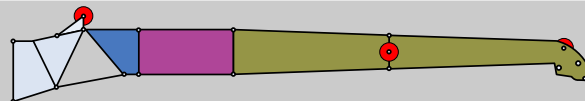
副臂 - 16m
Jib - 16m



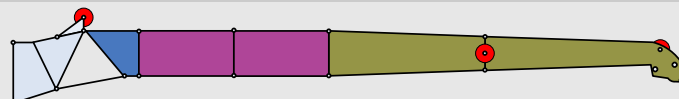
副臂 - 20m
Jib - 20m



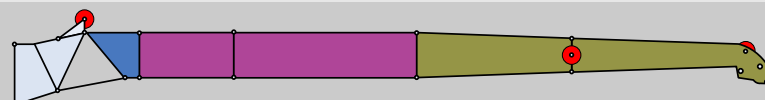
副臂 - 24m
Jib - 24m



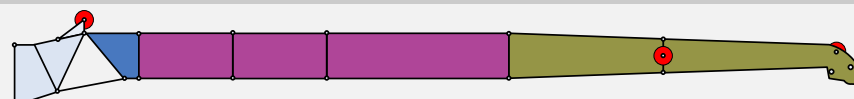
副臂 - 28m
Jib - 28m



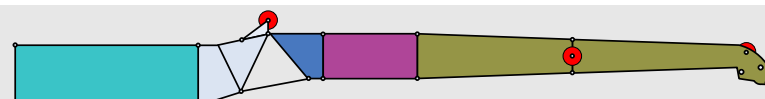
副臂 - 32m
Jib - 32m



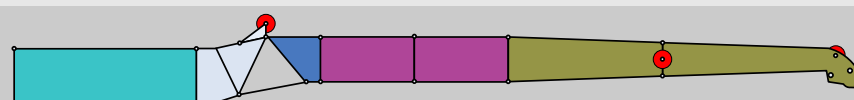
副臂 - 36m
Jib - 36m



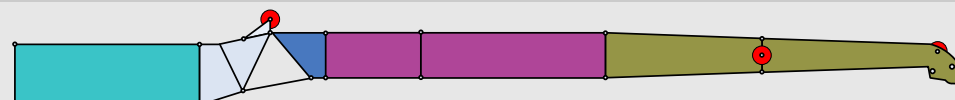
主臂加长节 - 32m
Boom extension - 32m



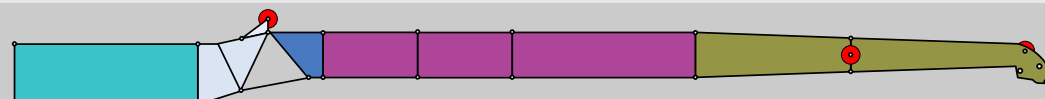
主臂加长节 - 36m
Boom extension - 36m



主臂加长节 - 40m
Boom extension - 40m



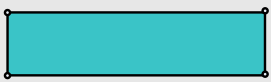
主臂加长节 - 44m
Boom extension - 44m



臂架组合方案 Boom / Jib combinations

GUINDASTES

Triângulo

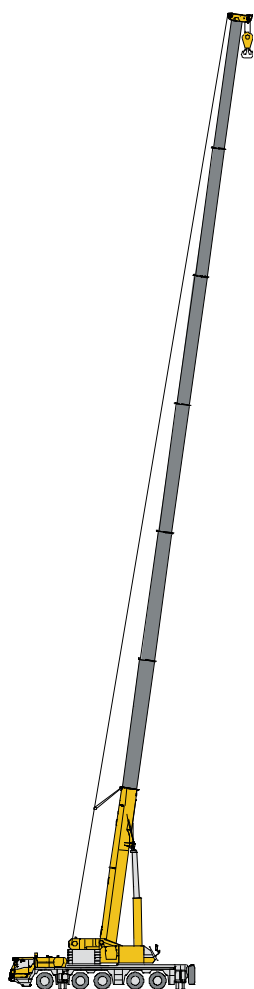
部件 Component	结构形式 Structure	尺寸 (长×宽×高) mm Dimensions (L×W×H) mm	重量 kg Weight (kg)
连接架 Connecting bracket		1650×1000×2300	320
旋转架 Rotating bracket		3610×950×1350	390
主臂加长节 Boom extension		8200×1050×1400	600
一节副臂总成 First jib section assembly		7700×950×1100	700
二节副臂总成 Second jib section assembly		8000×600×700	400
副臂加长节 I Jib insert I		8200×950×1100	560
副臂加长节 II Jib insert II		4200×950×1100	320

臂架组合方案

Boom / Jib combinations

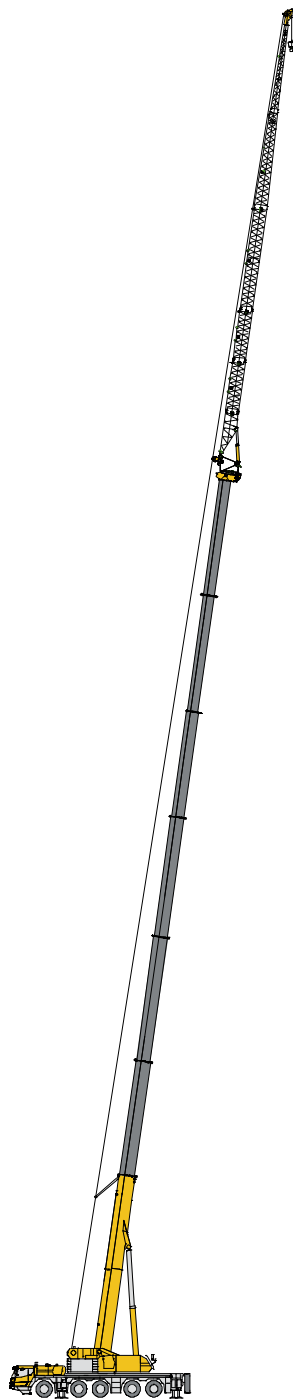
GUINDASTES

Triângulo



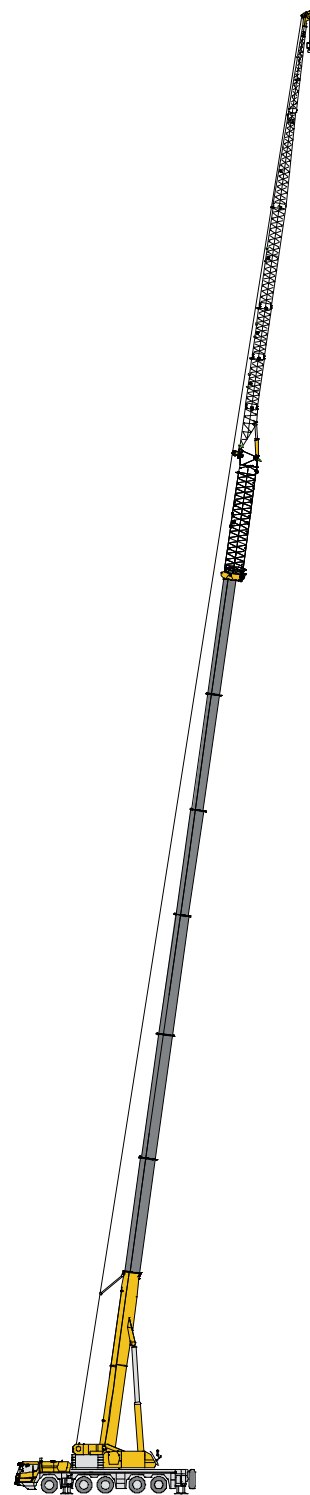
主臂
Telescopic boom

T : 13.8~75m



副臂
Jib

T : 60.7~75m
J : 12~36 m



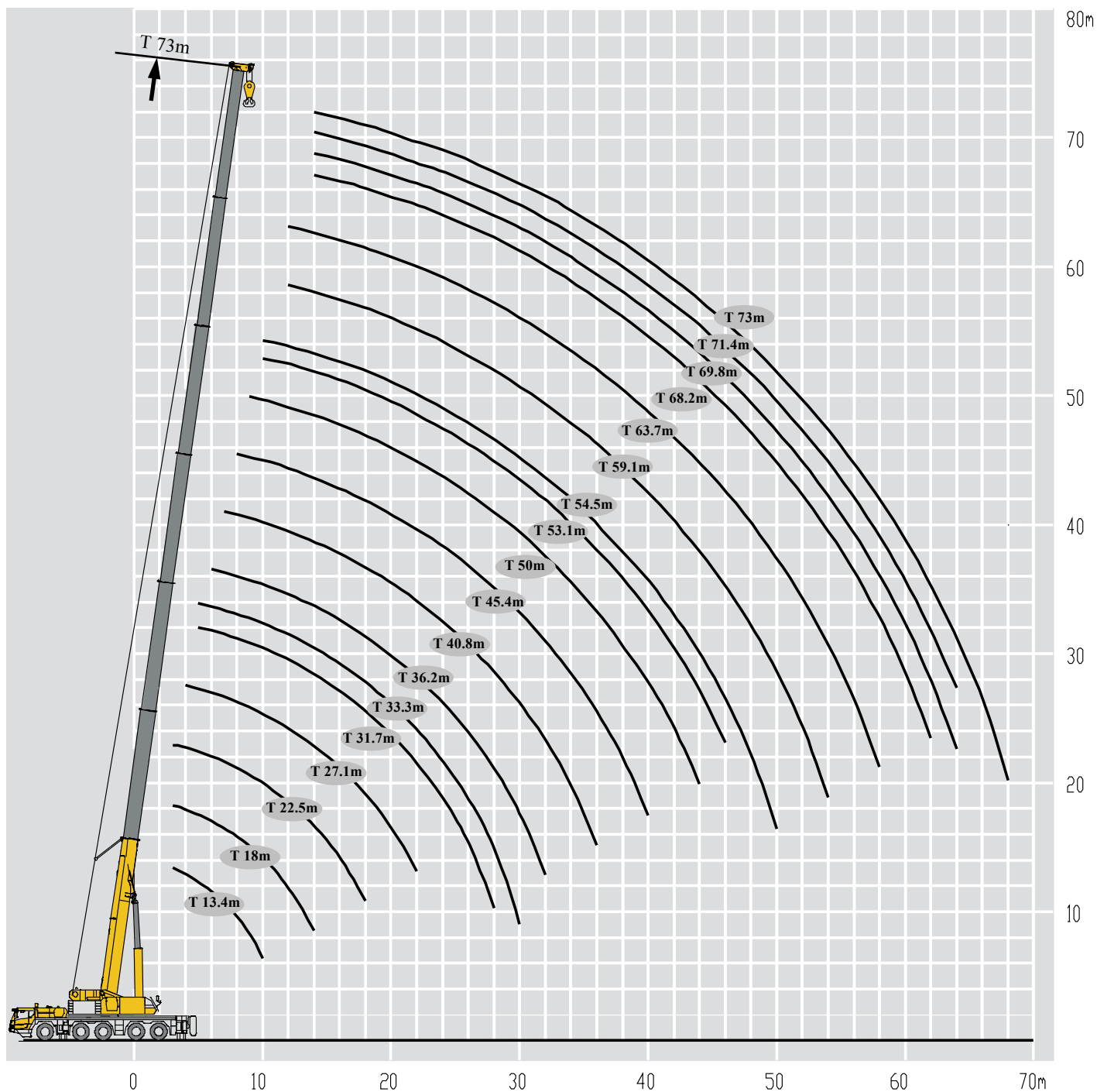
主臂加长节
Telescopic boom extension

T : 60.7~70.1m
I : 8m
J : 24~36m

起升高度曲线图 Lifting heights

GUINDASTES

Triângulo



起重性能表

Lifting capacities



	13.4-40.8m		9.19m × 8.3m		360°		80t									
	13.4m	18.0m	18.0m	18.0m	22.5m	22.5m	22.5m	22.5m	22.5m	27.1m	27.1m	27.1m	27.1m	31.7m		
3	250.0*	66.9	150.0	150.0	49.9	71.3	140.0	150.0	150.0							3
3.5	150.0	63.2	145.0	145.0	46.4	68.4	140.0	140.0	140.0							3.5
4	140.0	60.1	140.0	140.0	43.6	65.4	135.0	134.0	133.0	47.9	69.4	121.0	121.0			4
4.5	135.0	57.0	130.0	129.0	41.0	62.4	127.0	126.0	126.0	43.4	66.2	121.0	121.0			4.5
5	122.0	54.4	123.0	122.0	38.6	59.7	120.0	119.0	118.0	39.9	63.6	117.9	115.4	34.4		5
6	106.0	49.6	108.0	108.0	34.8	55.3	107.0	106.0	105.7	35.9	59.5	104.4	102.1	31.0		6
7	100.0	46.0	95.0	95.0	31.8	51.4	96.0	95.0	94.0	32.7	55.7	93.9	91.3	28.2		7
8	94.4	42.4	85.0	85.0	29.2	48.3	86.0	85.0	85.0	29.9	52.3	85.5	82.8	25.9		8
9	77.0	39.8	77.0	77.0	26.8	44.9	78.0	77.0	77.0	27.4	49.4	78.2	75.6	23.8		9
10	65.0	37.3	70.0	70.0	25.1	41.3	70.6	70.0	69.0	25.4	46.7	71.0	69.0	22.0		10
12		33.7	59.3	58.4	22.0	35.9	58.6	56.9	55.9	22.1	40.9	59.1	55.8	19.1		12
14		30.6	48.7	48.0	19.6	31.4	47.0	46.6	45.7	19.6	36.4	48.8	45.5	16.8		14
16					17.5	27.9	42.3	40.0	39.0	17.4	32.6	41.3	38.1	15.1		16
18					16.0	25.3	36.3	34.5	33.5	15.8	29.5	35.4	32.3	13.6		18
20										14.3	27.1	31.9	27.7	12.4		20
22										13.2	25.0	27.8	24.7	11.4		22
24														10.4		24
26														9.7		26
28														9.0		28
Code	000000	000001	001000	010000	000002	000011	011000	110000	200000	000021	000111	011100	210000	000022	Code	

	31.7m	31.7m	31.7m	31.7m	31.7m	33.3m	36.2m	36.2m	36.2m	36.2m	36.2m	40.8m	40.8m	40.8m	
5	52.1	66.7	101.0	101.0	101.0	32.7	32.1	36.7	52.5	80.0	80.0				5
6	47.1	62.4	96.2	100.5	95.2	29.5	32.1	36.7	52.5	80.0	80.0				6
7	42.4	59.0	87.8	90.0	85.3	26.8	29.5	34.1	48.2	80.0	78.6	29.0	38.7	57.2	7
8	38.5	55.5	80.8	81.7	77.2	24.7	27.3	31.6	44.1	79.9	71.8	26.6	35.9	52.6	8
9	35.4	52.5	74.4	74.8	70.7	22.8	25.4	29.4	40.4	73.3	66.0	24.6	33.2	48.0	9
10	32.8	50.0	68.9	68.9	64.8	21.1	23.6	27.3	36.8	67.4	61.3	22.9	31.0	44.5	10
12	28.5	45.4	59.5	57.6	56.0	18.4	20.7	23.8	31.9	58.1	52.9	20.0	27.0	38.0	12
14	25.2	40.7	49.4	47.4	45.9	16.2	18.5	21.1	28.0	48.0	46.3	17.7	23.7	33.5	14
16	22.5	36.6	41.8	40.0	38.5	14.4	16.5	18.9	24.9	40.6	38.9	15.9	21.2	29.7	16
18	20.2	33.4	36.1	34.2	32.8	13.1	15.0	17.1	22.5	34.9	33.3	14.4	19.1	26.5	18
20	18.4	30.7	31.5	29.7	28.2	11.9	13.7	15.5	20.3	30.4	28.8	13.1	17.4	24.2	20
22	16.9	28.4	27.7	26.0	24.2	10.8	12.6	14.2	18.5	27.3	25.0	12.1	15.8	21.9	22
24	15.5	26.0	25.2	23.4	21.6	9.9	11.6	13.0	17.0	24.2	22.0	11.3	14.5	20.1	24
26	14.4	23.8	22.3	20.4	18.7	9.2	10.8	12.1	15.6	21.2	19.7	10.5	13.3	18.4	26
28	13.4	21.3	19.7	17.8	16.3	8.5	10.2	11.3	14.5	18.8	17.1	9.8	12.3	17.0	28
30						8.0	9.4	10.5	13.4	16.7	15.0	9.2	11.4	15.8	30
32							8.9	9.8	12.6	14.9	13.2	8.7	10.6	14.8	32
34												8.2	9.9	13.7	34
36												7.8	9.2	12.0	36
Code	000211	001111	011110	111100	211000	000033	000122	000221	002111	111110	211100	000222	002211	021111	Code

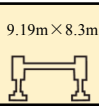
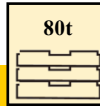
XCMG—XCA250BRII

起重性能表

Lifting capacities

GUINDASTES

Triângulo

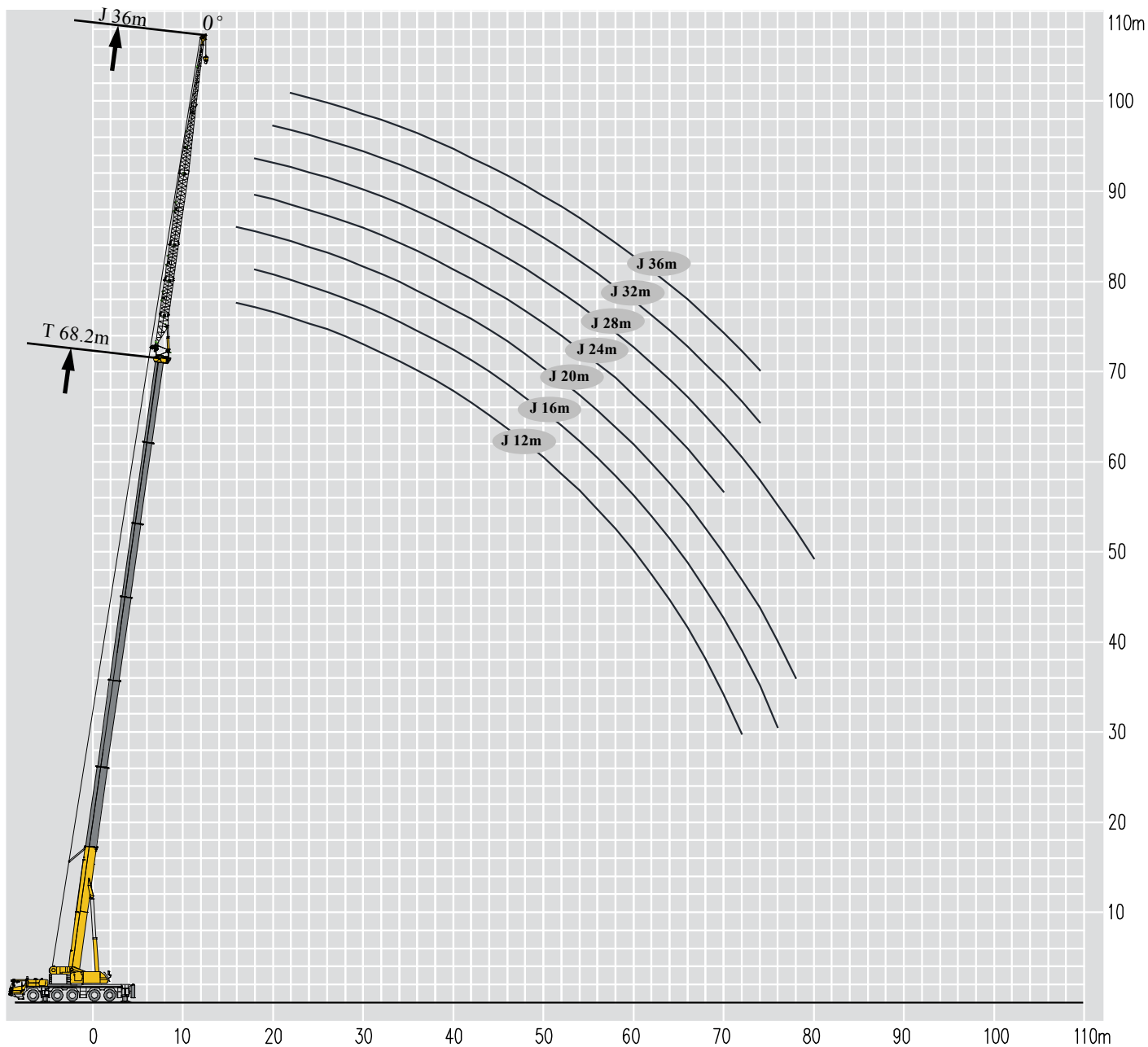
																
	40.8 m	40.8 m	45.4 m	45.4 m	45.4 m	45.4 m	50.0 m	50.0 m	50.0 m	50.0 m	50.0 m	50.0 m	53.1 m	54.5 m	54.5 m	
7	64.3	75.6														7
8	60.6	69.1	27.9	33.5	59.5	53.9										8
9	57.6	63.3	26.5	30.9	56.2	49.5	26.1	38.3	48.5	45.6	44.2					9
10	55.2	58.4	24.6	28.8	52.0	45.8	24.6	35.6	45.0	42.5	40.9	22.4	24.7	28.8		10
12	50.9	50.6	21.6	25.1	45.6	39.5	21.6	31.1	39.0	36.8	35.5	19.6	22.9	26.5		12
14	47.0	44.6	19.2	22.3	40.4	34.8	19.2	27.7	34.6	32.3	31.1	17.4	20.6	23.6		14
16	41.1	39.5	17.3	20.0	36.3	30.8	17.2	24.9	31.0	28.9	27.7	15.7	18.6	21.2		16
18	35.4	33.9	15.7	18.1	32.8	27.7	15.7	22.5	27.9	25.9	25.0	14.3	16.9	19.3		18
20	30.9	29.4	14.4	16.6	29.9	25.1	14.4	20.5	25.5	23.7	22.7	13.0	15.6	17.6		20
22	27.3	25.7	13.2	15.3	26.4	22.9	13.2	19.0	23.5	21.6	20.7	12.0	14.4	16.2		22
24	24.3	22.7	12.3	14.2	23.4	21.1	12.3	17.7	21.7	19.8	19.0	11.1	13.4	15.1		24
26	21.6	19.8	11.5	13.3	20.8	19.2	11.4	16.4	20.1	18.4	17.6	10.3	12.5	14.1		26
28	19.2	17.3	10.9	12.4	18.3	16.7	10.7	15.3	18.2	17.0	16.3	9.7	11.6	13.2		28
30	17.0	15.2	10.2	11.7	16.2	14.6	10.1	14.4	16.1	15.4	15.2	9.1	10.9	12.3		30
32	15.2	13.4	9.6	11.0	14.6	12.8	9.5	13.6	14.3	13.6	13.4	8.5	10.3	11.6		32
34	14.3	12.5	9.1	10.4	13.2	11.2	9.0	12.9	13.3	12.0	11.8	8.1	9.7	10.9		34
36	12.8	11.0	8.6	9.8	12.1	9.9	8.6	12.2	12.3	10.7	10.5	7.7	9.3	10.3		36
38			8.2	9.3	11.2	9.3	8.2	11.6	11.0	9.4	9.2	7.3	8.9	9.8		38
40			7.8	8.9	10.1	8.2	7.8	10.8	9.5	8.9	8.7	6.9	8.4	9.4		40
42							7.4	9.8	8.5	8.0	7.9	6.5	8.0	8.9		42
44							7.1	8.9	7.8	7.3	6.9	6.3	7.7	8.5		44
46												6.1	7.4	8.2		46
48													7.1	7.8		48
50													6.9	7.1		50
Code	111111	211110	001222	002221	211111	222100	002222	022211	221111	222110	222200	003333	012222	022221	Code	

	54.5 m	54.5 m	54.5 m	59.1 m	59.1 m	59.1 m	59.1 m	59.1 m	63.7 m	63.7 m	63.7 m	68.2 m	69.8 m	71.4 m	73.0 m	
10	31.2	36.0	34.0													10
12	30.4	33.9	32.2	22.1	22.8	27.8	24.1	26.8	19.7	22.1	21.0					12
14	27.2	30.4	28.8	20.7	21.2	27.3	22.4	26.6	19.7	21.2	20.8	19.0	17.3	16.0		14
16	24.4	27.2	25.6	18.7	19.9	24.5	21.0	23.9	19.2	20.3	20.8	17.8	16.5	15.5	14.8	16
18	22.1	24.6	23.2	17.1	18.6	22.2	19.5	21.6	17.9	19.4	19.3	16.8	16.0	14.9	14.0	18
20	20.1	22.3	21.0	15.7	17.2	20.3	18.3	19.8	16.4	18.0	17.6	16.1	15.7	14.5	13.4	20
22	18.5	20.5	19.2	14.5	15.9	18.7	17.1	18.0	15.2	16.5	16.2	14.9	14.5	13.9	13.4	22
24	17.1	18.9	17.7	13.4	14.8	17.4	16.1	16.7	14.1	15.3	14.9	13.7	13.3	12.8	12.1	24
26	15.9	17.5	16.3	12.5	13.9	16.1	15.1	15.4	13.1	14.3	13.9	12.7	12.4	11.8	11.3	26
28	14.9	16.3	15.2	11.6	13.0	15.0	14.2	14.4	12.1	13.3	13.0	11.8	11.4	11.0	10.7	28
30	13.9	15.2	14.1	10.9	12.2	14.0	13.4	13.5	11.4	12.5	12.0	11.0	10.7	10.3	10.0	30
32	13.1	14.3	13.2	10.3	11.4	13.2	12.7	12.7	10.7	11.7	11.3	10.4	10.1	9.7	9.4	32
34	12.3	12.9	12.4	9.7	10.9	12.4	11.8	11.9	10.2	11.0	10.6	9.9	9.5	9.1	8.8	34
36	11.6	11.5	11.1	9.3	10.3	11.8	11.2	11.1	9.6	10.5	10.0	9.3	9.0	8.6	8.4	36
38	11.0	10.3	9.9	8.8	9.8	10.9	10.7	10.6	9.2	9.9	9.5	8.9	8.5	8.2	7.9	38
40	10.0	9.2	8.8	8.4	9.4	9.8	10.2	9.5	8.8	9.4	9.1	8.5	8.1	7.8	7.5	40
42	9.0	8.2	7.8	8.0	9.0	8.9	9.3	8.5	8.4	9.0	8.5	8.0	7.7	7.4	7.1	42
44	8.1	7.3	7.0	7.7	8.6	8.0	8.4	7.7	8.0	8.4	8.1	7.6	7.3	7.0	6.8	44
46	7.3	6.5	6.2	7.3	8.4	7.5	7.6	6.9	7.7	7.6	7.3	7.3	6.9	6.7	6.5	46
48	6.5	5.8	5.4	7.1	8.0	7.0	6.8	6.1	7.4	6.9	6.6	7.0	6.7	6.4	6.2	48
50	5.9	5.6	5.3	6.8	7.3	6.7	6.2	5.5	7.0	6.2	5.9	6.5	6.4	6.1	5.9	50
52				6.7	6.7	6.5	5.5	4.8	6.4	5.6	5.3	5.8	5.9	5.9	5.7	52
54				6.3	6.1	6.2	5.0	4.3	5.8	5.3	4.8	5.3	5.3	5.3	5.3	54
56									5.3	5.0	4.7	4.7	4.8	4.8	4.8	56
58									4.8	4.8	4.4	4.3	4.3	4.3	4.3	58
60												4.0	3.9	3.9	3.9	60
62												3.8	3.6	3.4	3.4	62
64													3.3	3.2	3.2	64
66															3.0	66
68															2.9	68
Code	122220	222111	222210	022222	112222	222112	221122	222211	122222	222122	222221	222222	332222	333322	333333	Code

起升高度曲线图 Lifting heights

GUINDASTES

Triângulo



起重性能表

Lifting capacities

GUINDASTES

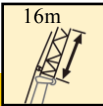
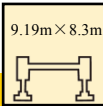
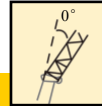
Triângulo

	59.1-73m	12m	9.19m × 8.3m	360°	80t	0°	
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	12 m	12 m	12 m	12 m	12 m	12 m	
14	12.3	14.2	10.5	11.5			14
16	11.8	14.0	10.5	11.5	9.2	7.3	16
18	10.9	13.8	10.4	11.1	9.2	7.3	18
20	10.4	13.4	9.9	10.6	9.2	7.3	20
22	9.9	12.7	9.6	9.9	9.2	7.3	22
24	9.4	11.9	9.2	9.4	9.1	7.3	24
26	9.0	11.1	8.7	9.0	9.0	7.3	26
28	8.4	10.4	8.3	8.6	8.7	7.3	28
30	7.9	9.9	7.7	8.2	8.0	7.1	30
32	7.4	9.3	7.1	7.8	7.6	6.8	32
34	7.0	8.8	6.6	7.4	7.2	6.6	34
36	6.6	8.3	6.2	7.0	6.9	6.1	36
38	6.2	7.9	5.7	6.6	6.5	5.7	38
40	5.8	7.4	5.4	6.3	6.1	5.3	40
42	5.5	7.0	5.0	6.0	5.7	4.9	42
44	5.2	6.6	4.7	5.7	5.3	4.6	44
46	4.9	6.3	4.4	5.4	5.0	4.4	46
48	4.6	5.9	4.2	5.1	4.9	4.2	48
50	4.4	5.6	3.9	4.9	4.6	3.9	50
52	4.2	5.2	3.7	4.6	4.5	3.7	52
54	3.9	4.9	3.4	4.3	4.3	3.5	54
56	3.8	4.7	3.3	4.1	4.1	3.4	56
58	3.6	4.5	3.1	3.7	3.7	3.2	58
60	3.4	4.3	2.9	3.3	3.5	3.0	60
62	3.2	4.1	2.8	2.8	3.4	2.9	62
64	3.1	3.7	2.6	2.5	3.2	2.8	64
66	2.9	3.3	2.4	2.1	3.1	2.6	66
68			2.3	1.8	2.9	2.5	68
70			2.2	1.5	2.8	2.4	70
72					2.4	2.3	72
74						2.0	74
Code	112222	222211	122222	222221	222222	333333	Code

起重性能表

Lifting capacities



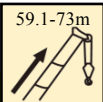
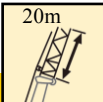
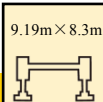
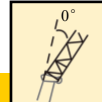
							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	16 m	16 m	16 m	16 m	16 m	16 m	
14	9.7	11.1					14
16	9.6	10.9	8.8	9.5			16
18	9.4	10.8	8.7	9.4	8.1	6.3	18
20	9.2	10.5	8.6	9.3	8.0	6.4	20
22	8.8	10.3	8.5	9.2	8.0	6.4	22
24	8.4	10.1	8.2	9.1	7.9	6.4	24
26	8.1	9.8	7.8	8.9	7.6	6.4	26
28	7.7	9.6	7.5	8.6	7.4	6.4	28
30	7.3	9.3	7.2	8.1	7.3	6.4	30
32	7.0	8.8	6.7	7.8	6.9	6.2	32
34	6.6	8.3	6.2	7.4	6.6	6.0	34
36	6.2	7.9	5.7	7.1	6.3	5.7	36
38	5.9	7.5	5.3	6.7	6.1	5.3	38
40	5.5	7.1	5.0	6.3	5.7	4.9	40
42	5.2	6.7	4.7	6.0	5.3	4.6	42
44	4.9	6.3	4.4	5.7	5.0	4.3	44
46	4.7	6.0	4.1	5.3	4.7	4.0	46
48	4.4	5.7	3.8	5.0	4.4	3.7	48
50	4.2	5.4	3.6	4.7	4.1	3.4	50
52	4.0	5.1	3.3	4.4	3.9	3.2	52
54	3.7	4.6	3.1	4.1	3.6	3.0	54
56	3.5	4.1	2.9	3.9	3.4	2.8	56
58	3.4	3.6	2.8	3.7	3.2	2.6	58
60	3.2	3.2	2.6	3.4	3.0	2.4	60
62	3.0	2.8	2.5	3.0	2.8	2.3	62
64	2.9	2.4	2.3	2.6	2.7	2.1	64
66	2.7	2.1	2.2	2.3	2.5	1.9	66
68	2.6	1.7	2.0	1.9	2.2	1.8	68
70	2.5	1.4	1.9	1.6	1.9	1.7	70
72			1.8	1.3	1.6	1.5	72
74			1.7	1.1	1.3	1.2	74
76					1.1	1.0	76
Code	112222	222211	122222	222221	222222	333333	Code

起重性能表

Lifting capacities

GUINDASTES

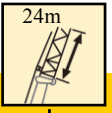
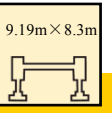
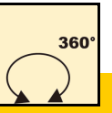
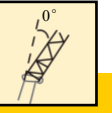
Triângulo

							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	20 m	20 m	20 m	20 m	20 m	20 m	
14	6.3	6.8					14
16	6.3	6.8	5.8	6.2	5.5		16
18	6.3	6.8	5.8	6.2	5.6	5.1	18
20	6.4	6.9	5.8	6.2	5.6	5.1	20
22	6.4	6.9	5.9	6.3	5.6	5.1	22
24	6.4	6.8	5.9	6.3	5.7	5.1	24
26	6.3	6.4	6.0	6.3	5.7	5.2	26
28	5.9	6.0	6.0	6.2	5.8	5.2	28
30	5.5	5.6	5.8	5.9	5.8	5.3	30
32	5.2	5.3	5.5	5.5	5.7	5.3	32
34	4.9	5.0	5.2	5.2	5.5	5.3	34
36	4.6	4.7	5.0	5.0	5.4	5.2	36
38	4.4	4.4	4.7	4.7	5.2	5.1	38
40	4.2	4.2	4.5	4.5	5.0	4.9	40
42	4.0	4.0	4.4	4.3	4.8	4.6	42
44	3.8	3.9	4.2	4.1	4.6	4.3	44
46	3.7	3.7	4.0	3.9	4.4	4.1	46
48	3.5	3.5	3.7	3.8	4.3	3.9	48
50	3.4	3.4	3.5	3.6	4.2	3.5	50
52	3.3	3.3	3.2	3.5	3.9	3.3	52
54	3.2	3.2	3.1	3.4	3.7	3.1	54
56	3.1	3.0	2.9	3.3	3.6	2.9	56
58	3.0	2.9	2.7	3.2	3.5	2.8	58
60	2.9	2.9	2.6	3.1	3.3	2.6	60
62	2.8	2.8	2.4	3.0	3.1	2.5	62
64	2.7	2.7	2.2	2.9	2.9	2.4	64
66	2.7	2.6	2.1	2.6	2.7	2.2	66
68	2.6	2.5	2.0	2.4	2.6	2.1	68
70	2.5	2.3	1.9	2.3	2.4	2.0	70
72	2.4	2.3	1.8	1.9	2.2	1.9	72
74	2.2	1.2	1.6	1.6	2.0	1.8	74
76			1.5	1.4	1.9	1.6	76
78			1.5		1.7	1.4	78
Code	112222	222211	122222	222221	222222	333333	Code

起重性能表

Lifting capacities



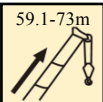
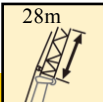
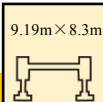
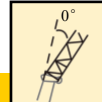
							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	24 m	24 m	24 m	24 m	24 m	24 m	
16	5.8	6.3					16
18	5.8	6.3	5.3	5.7	5.1		18
20	5.8	6.4	5.3	5.7	5.1	4.6	20
22	5.7	6.2	5.4	5.7	5.2	4.6	22
24	5.6	6.1	5.3	5.6	5.1	4.6	24
26	5.5	5.9	5.2	5.5	5.0	4.6	26
28	5.3	5.8	5.1	5.4	4.9	4.5	28
30	5.2	5.6	5.0	5.3	4.8	4.5	30
32	5.1	5.2	5.0	5.2	4.8	4.4	32
34	4.8	4.9	4.9	5.1	4.7	4.3	34
36	4.6	4.7	4.8	4.9	4.6	4.3	36
38	4.4	4.4	4.7	4.6	4.5	4.2	38
40	4.2	4.2	4.5	4.4	4.5	4.2	40
42	4.0	4.0	4.2	4.2	4.4	4.1	42
44	3.8	3.8	4.0	4.1	4.3	3.9	44
46	3.7	3.7	3.7	3.9	4.1	3.7	46
48	3.5	3.5	3.5	3.8	4.0	3.4	48
50	3.4	3.4	3.2	3.6	3.7	3.2	50
52	3.3	3.3	3.0	3.5	3.5	3.0	52
54	3.2	3.1	2.8	3.4	3.3	2.8	54
56	3.1	3.1	2.6	3.3	3.1	2.6	56
58	3.0	2.9	2.5	3.2	2.9	2.5	58
60	2.9	2.8	2.3	3.1	2.7	2.3	60
62	2.8	2.7	2.2	3.0	2.6	2.2	62
64	2.7	2.7	2.0	2.8	2.4	2.1	64
66	2.5	2.6	1.9	2.6	2.2	1.9	66
68	2.4	2.2	1.7	2.5	2.1	1.9	68
70	2.3	1.9	1.7	2.4	1.9	1.7	70
72	2.2	1.6	1.5	2.3		1.6	72
74	2.1	1.4				1.5	74
76	2.0	1.1					76
Code	112222	222211	122222	222221	222222	333333	Code

起重性能表

Lifting capacities

GUINDASTES

Triângulo

							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	28 m	28 m	28 m	28 m	28 m	28 m	
16	5.1	5.6					16
18	5.0	5.4	4.7	4.9	4.4		18
20	4.8	5.3	4.6	4.9	4.4	3.9	20
22	4.7	5.2	4.5	4.8	4.3	3.9	22
24	4.6	5.0	4.4	4.6	4.2	3.8	24
26	4.5	4.9	4.3	4.6	4.1	3.8	26
28	4.4	4.8	4.2	4.5	4.1	3.7	28
30	4.3	4.7	4.2	4.4	4.0	3.7	30
32	4.2	4.5	4.1	4.3	3.9	3.6	32
34	4.1	4.4	4.0	4.2	3.9	3.6	34
36	4.0	4.3	3.9	4.1	3.8	3.5	36
38	3.9	4.1	3.9	4.0	3.7	3.5	38
40	3.9	3.9	3.8	3.9	3.7	3.4	40
42	3.7	3.7	3.7	3.8	3.6	3.4	42
44	3.6	3.6	3.6	3.8	3.5	3.3	44
46	3.4	3.4	3.6	3.6	3.5	3.3	46
48	3.2	3.3	3.5	3.5	3.4	3.2	48
50	3.2	3.1	3.3	3.3	3.4	2.9	50
52	3.0	3.0	3.2	3.2	3.3	2.7	52
54	2.9	2.9	3.1	3.1	3.1	2.5	54
56	2.8	2.8	3.0	3.0	2.9	2.5	56
58	2.8	2.8	2.9	2.9	2.7	2.3	58
60	2.6	2.6	2.8	2.8	2.6	2.2	60
62	2.6	2.6	2.7	2.7	2.4	2.1	62
64	2.5	2.5	2.6	2.6	2.3	1.9	64
66	2.4	2.4	2.4	2.5	2.2	1.8	66
68	2.3	2.3	2.3	2.4	2.0	1.7	68
70	2.2	2.0	2.1	2.2	2.0	1.6	70
72	2.0	1.7	2.0	2.1	1.8	1.5	72
74	1.9	1.5	1.8	2.0	1.7	1.4	74
76	1.8	1.2	1.7	1.9	1.6	1.3	76
78	1.7		1.6	1.8	1.5		78
80				1.7			80
Code	112222	222211	122222	222221	222222	333333	Code

起重性能表

Lifting capacities



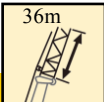
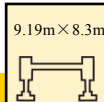
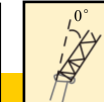
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	
	32 m	32 m	32 m	32 m	32 m	
16	4.3	4.7				16
18	4.2	4.6	3.9	4.2		18
20	4.1	4.5	3.9	4.1	3.7	20
22	4.0	4.4	3.8	4.0	3.6	22
24	3.9	4.2	3.7	3.9	3.5	24
26	3.8	4.1	3.6	3.8	3.5	26
28	3.7	4.0	3.6	3.7	3.4	28
30	3.6	3.9	3.5	3.7	3.3	30
32	3.5	3.8	3.4	3.6	3.3	32
34	3.5	3.7	3.3	3.5	3.2	34
36	3.4	3.6	3.3	3.4	3.2	36
38	3.3	3.5	3.2	3.4	3.1	38
40	3.2	3.4	3.1	3.3	3.1	40
42	3.1	3.4	3.1	3.2	3.0	42
44	3.1	3.3	3.0	3.1	2.9	44
46	3.0	3.2	3.0	3.1	2.9	46
48	3.0	3.1	2.9	3.0	2.8	48
50	2.9	3.0	2.9	3.0	2.8	50
52	2.8	3.0	2.8	2.9	2.7	52
54	2.8	2.9	2.7	2.8	2.6	54
56	2.7	2.8	2.5	2.6	2.4	56
58	2.7	2.7	2.3	2.4	2.3	58
60	2.5	2.6	2.1	2.3	2.1	60
62	2.4	2.5	2.1	2.2	1.9	62
64	2.2	2.4	2.0	2.1	1.8	64
66	2.1	2.3	1.9	2.0	1.7	66
68	2.0	2.1	1.8	1.9	1.6	68
70	1.8	2.0	1.7	1.9	1.4	70
72	1.7	1.8	1.5	1.8	1.3	72
74	1.6	1.7	1.4	1.7	1.2	74
76	1.5	1.6	1.3	1.6		76
78	1.4	1.5	1.2			78
80	1.3		1.1			80
82	1.2		1.0			82
Code	112222	222211	122222	222221	222222	Code

起重性能表

Lifting capacities

GUINDASTES

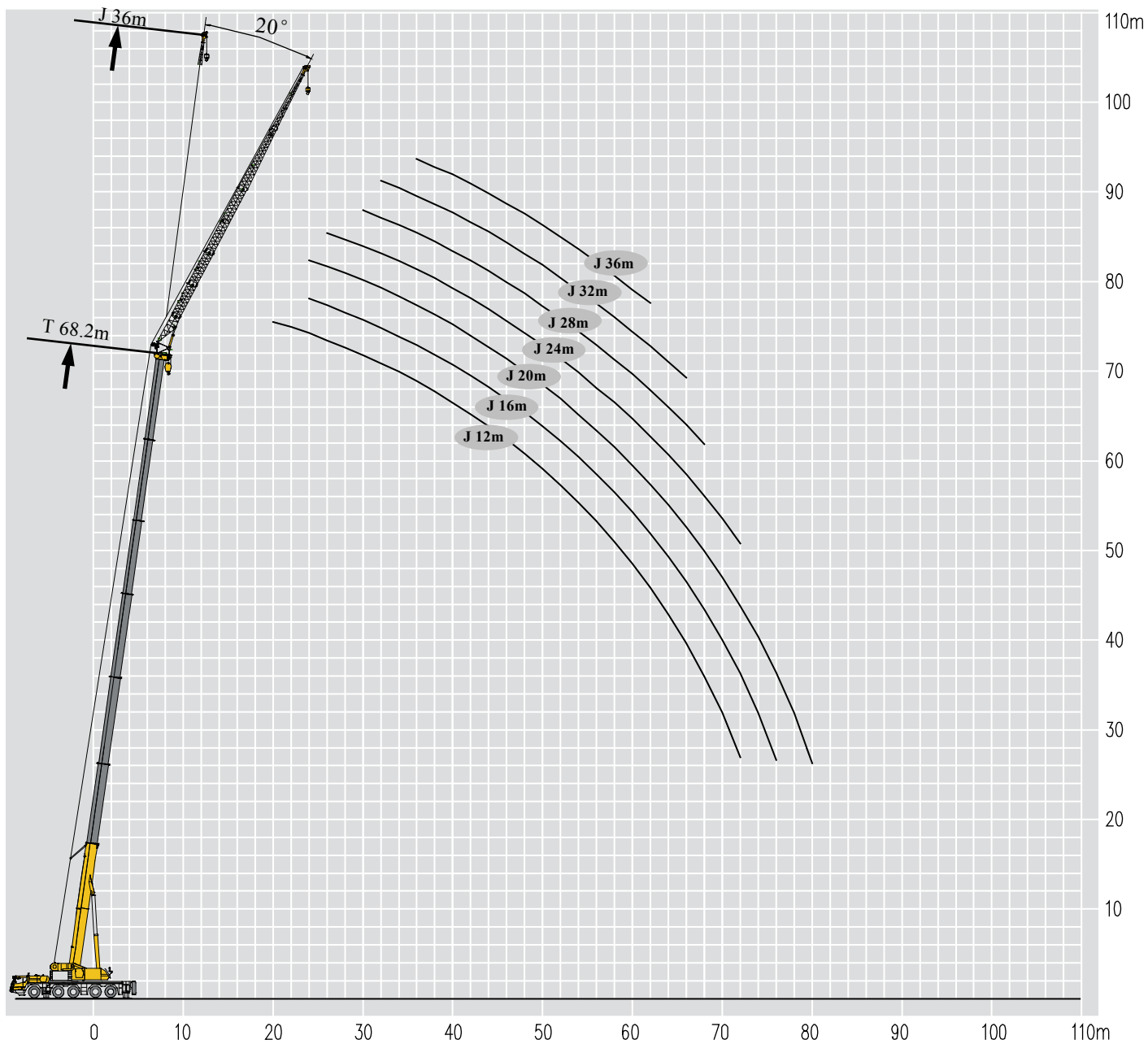
Triângulo

     						
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	
	36 m	36 m	36 m	36 m	36 m	
18	3.5	3.9				18
20	3.4	3.8	3.3	3.4		20
22	3.3	3.7	3.2	3.4	3.0	22
24	3.3	3.6	3.1	3.3	3.0	24
26	3.2	3.5	3.0	3.2	2.9	26
28	3.1	3.4	3.0	3.1	2.8	28
30	3.0	3.3	2.9	3.1	2.8	30
32	3.0	3.2	2.8	3.0	2.7	32
34	2.9	3.1	2.8	2.9	2.7	34
36	2.8	3.0	2.7	2.9	2.6	36
38	2.7	3.0	2.7	2.8	2.6	38
40	2.7	2.9	2.6	2.7	2.6	40
42	2.6	2.8	2.6	2.7	2.6	42
44	2.6	2.8	2.5	2.6	2.5	44
46	2.5	2.7	2.5	2.6	2.5	46
48	2.5	2.7	2.4	2.5	2.5	48
50	2.4	2.7	2.4	2.4	2.5	50
52	2.3	2.6	2.3	2.4	2.4	52
54	2.3	2.6	2.2	2.3	2.3	54
56	2.2	2.5	2.2	2.3	2.2	56
58	2.2	2.5	2.1	2.2	2.2	58
60	2.1	2.4	2.1	2.1	2.1	60
62	2.1	2.3	2.0	2.0	2.0	62
64	2.0	2.2	1.9	1.9	1.9	64
66	1.9	2.1	1.9	1.9	1.8	66
68	1.8	2.0	1.9	1.8	1.7	68
70	1.7	1.8	1.8	1.7	1.6	70
72	1.7	1.7	1.7	1.6	1.6	72
74	1.6	1.6	1.6	1.5	1.5	74
76	1.6	1.5	1.5	1.4	1.4	76
78	1.5	1.4	1.4	1.2	1.3	78
80	1.4	1.4	1.3			80
82	1.3		1.2			82
84	1.2		1.1			84
Code	112222	222211	122222	222221	222222	Code

起升高度曲线图 Lifting heights

GUINDASTES

Triângulo

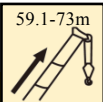
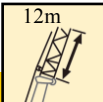
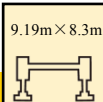
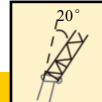


起重性能表

Lifting capacities

GUINDASTES

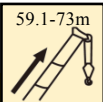
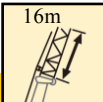
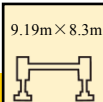
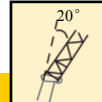
Triângulo

							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	12 m	12 m	12 m	12 m	12 m	12 m	
18	10.2	11.8	9.7	11.3			18
20	9.7	11.5	9.4	10.9	9.0		20
22	9.2	11.2	9.0	10.4	8.7	7.8	22
24	8.8	11.1	8.6	10.0	8.4	7.6	24
26	8.3	10.7	8.3	9.5	8.1	7.3	26
28	7.9	10.1	7.9	9.0	7.8	7.3	28
30	7.5	9.6	7.6	8.6	7.6	6.9	30
32	7.2	9.1	7.3	8.1	7.3	6.5	32
34	6.8	8.6	6.9	7.5	6.9	6.0	34
36	6.5	8.1	6.5	7.0	6.4	5.6	36
38	6.1	7.5	6.2	6.5	6.1	5.3	38
40	5.8	7.1	5.7	6.1	5.7	5.1	40
42	5.5	6.8	5.5	5.7	5.4	4.7	42
44	5.2	6.4	5.1	5.3	5.2	4.5	44
46	4.9	6.1	4.8	5.0	4.9	4.3	46
48	4.6	5.8	4.5	4.7	4.7	4.0	48
50	4.4	5.5	4.2	4.4	4.4	3.8	50
52	4.1	5.3	4.0	4.1	4.2	3.6	52
54	4.0	5.0	3.8	3.8	4.1	3.5	54
56	3.8	4.9	3.6	3.6	3.9	3.3	56
58	3.6	4.7	3.4	3.3	3.7	3.2	58
60	3.4	4.0	3.2	3.2	3.6	3.0	60
62	3.2	3.6	3.0	2.9	3.5	2.9	62
64	3.1	3.1	2.6	2.5	3.3	2.8	64
66			2.4	2.2	3.2	2.7	66
68			2.2	2.0	2.9	2.5	68
70					2.5	2.3	70
72					2.0	2.0	72
Code	112222	222211	122222	222221	222222	333333	Code

起重性能表

Lifting capacities



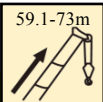
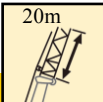
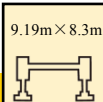
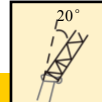
     							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	16 m	16 m	16 m	16 m	16 m	16 m	
20	8.2	8.5					20
22	7.9	8.3	7.5	7.7			22
24	7.6	8.1	7.3	7.6	7.0		24
26	7.2	8.0	7.1	7.5	6.9	6.4	26
28	7.0	7.8	6.9	7.4	6.8	6.2	28
30	6.7	7.7	6.7	7.3	6.6	6.1	30
32	6.4	7.5	6.5	7.2	6.4	5.9	32
34	6.1	7.3	6.2	7.0	6.2	5.6	34
36	5.8	7.2	5.9	6.6	5.8	5.2	36
38	5.6	7.0	5.7	6.2	5.5	4.8	38
40	5.4	6.6	5.3	5.7	5.1	4.5	40
42	5.1	6.2	5.0	5.3	4.8	4.2	42
44	4.9	5.8	4.7	5.0	4.4	3.8	44
46	4.6	5.4	4.4	4.7	4.1	3.5	46
48	4.4	5.1	4.2	4.4	3.8	3.3	48
50	4.2	4.8	3.9	4.1	3.6	3.1	50
52	4.0	4.5	3.6	3.8	3.3	2.8	52
54	3.8	4.2	3.4	3.5	3.1	2.6	54
56	3.6	3.9	3.2	3.3	2.9	2.4	56
58	3.4	3.7	3.0	3.1	2.7	2.2	58
60	3.2	3.5	2.9	2.9	2.5	2.0	60
62	3.0	3.2	2.7	2.7	2.4	1.9	62
64	2.9	2.8	2.6	2.5	2.2	1.7	64
66	2.7	2.4	2.4	2.3	2.0	1.5	66
68	2.6	2.0	2.2	2.1	1.9	1.4	68
70			2.1	1.9	1.7		70
72			1.9	1.6	1.6		72
74					1.5		74
76					1.3		76
Code	112222	222211	122222	222221	222222	333333	Code

起重性能表

Lifting capacities

GUINDASTES

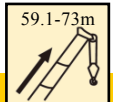
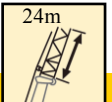
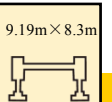
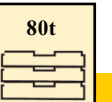
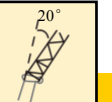
Triângulo

							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	20 m	20 m	20 m	20 m	20 m	20 m	
20	4.5	4.6					20
22	4.3	4.4	4.4	4.4			22
24	4.2	4.2	4.2	4.2	4.3		24
26	4.0	4.0	4.1	4.1	4.1	4.1	26
28	3.8	3.9	3.9	3.9	4.0	4.0	28
30	3.7	3.7	3.8	3.8	3.9	3.9	30
32	3.6	3.6	3.7	3.7	3.8	3.8	32
34	3.5	3.5	3.6	3.6	3.7	3.7	34
36	3.4	3.4	3.5	3.5	3.6	3.7	36
38	3.3	3.3	3.4	3.4	3.5	3.6	38
40	3.2	3.2	3.3	3.3	3.4	3.5	40
42	3.1	3.1	3.2	3.2	3.3	3.5	42
44	3.1	3.0	3.2	3.2	3.3	3.4	44
46	3.0	3.0	3.1	3.1	3.2	3.4	46
48	2.9	2.9	3.0	3.0	3.2	3.2	48
50	2.9	2.8	3.0	3.0	3.1	3.0	50
52	2.8	2.8	2.9	2.9	3.1	2.8	52
54	2.8	2.8	2.9	2.9	3.0	2.6	54
56	2.7	2.7	2.9	2.8	2.9	2.5	56
58	2.7	2.7	2.8	2.8	2.7	2.4	58
60	2.7	2.6	2.8	2.8	2.6	2.2	60
62	2.7	2.6	2.7	2.7	2.4	2.1	62
64	2.6	2.6	2.5	2.5	2.3	2.0	64
66	2.6	2.6	2.4	2.4	2.2	1.8	66
68	2.6	2.5	2.2	2.2	2.0		68
70	2.5	2.1	2.1	2.0	1.9		70
72	2.3	1.8	2.0	1.9	1.8		72
74			1.9	1.7	1.7		74
76			1.8	1.6	1.6		76
78					1.4		78
80					1.3		80
Code	112222	222211	122222	222221	222222	333333	Code

起重性能表

Lifting capacities



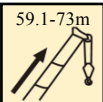
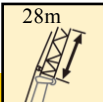
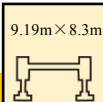
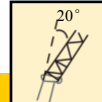
							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	24 m	24 m	24 m	24 m	24 m	24 m	
22	4.3	4.4					22
24	4.1	4.2	4.1	4.2			24
26	4.0	4.0	4.0	4.1	4.1		26
28	3.8	3.9	3.9	3.9	4.0	3.9	28
30	3.7	3.7	3.8	3.8	3.8	3.8	30
32	3.6	3.6	3.6	3.7	3.7	3.8	32
34	3.5	3.5	3.5	3.5	3.6	3.7	34
36	3.4	3.4	3.4	3.4	3.5	3.6	36
38	3.3	3.3	3.3	3.3	3.4	3.5	38
40	3.2	3.2	3.3	3.3	3.4	3.5	40
42	3.1	3.1	3.2	3.2	3.3	3.4	42
44	3.0	3.0	3.1	3.1	3.2	3.3	44
46	3.0	2.9	3.1	3.0	3.2	3.3	46
48	2.9	2.9	3.0	3.0	3.1	3.0	48
50	2.8	2.8	2.9	2.9	3.0	2.8	50
52	2.8	2.7	2.9	2.9	3.0	2.6	52
54	2.7	2.7	2.9	2.8	2.9	2.4	54
56	2.7	2.6	2.8	2.8	2.7	2.2	56
58	2.6	2.6	2.7	2.7	2.5	2.0	58
60	2.6	2.6	2.6	2.7	2.3	1.9	60
62	2.6	2.5	2.4	2.5	2.2	1.7	62
64	2.6	2.5	2.3	2.3	2.0	1.5	64
66	2.5	2.5	2.1	2.2	1.8		66
68	2.4	2.5	2.0	2.0	1.7		68
70	2.3	2.3	1.8	1.8	1.5		70
72	2.2	2.0	1.7	1.7	1.4		72
74	2.1	1.7	1.6	1.6			74
76	2.0	1.4	1.5	1.4			76
78			1.4	1.3			78
80			1.3	1.2			80
Code	112222	222211	122222	222221	222222	333333	Code

起重性能表

Lifting capacities

GUINDASTES

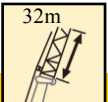
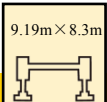
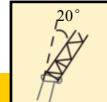
Triângulo

							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	28 m	28 m	28 m	28 m	28 m	28 m	
26	3.6	3.7					26
28	3.6	3.6	3.5	3.6			28
30	3.4	3.5	3.4	3.5	3.3		30
32	3.3	3.3	3.3	3.4	3.3	3.1	32
34	3.2	3.2	3.3	3.3	3.2	3.0	34
36	3.1	3.1	3.2	3.2	3.1	3.0	36
38	3.0	3.0	3.1	3.1	3.1	2.9	38
40	2.9	2.9	3.0	3.0	3.1	2.9	40
42	2.8	2.9	2.9	2.9	3.0	2.9	42
44	2.8	2.8	2.8	2.8	2.9	2.8	44
46	2.7	2.7	2.8	2.8	2.9	2.8	46
48	2.6	2.6	2.7	2.7	2.8	2.8	48
50	2.6	2.6	2.7	2.7	2.8	2.6	50
52	2.5	2.5	2.6	2.6	2.7	2.4	52
54	2.5	2.4	2.6	2.6	2.6	2.2	54
56	2.4	2.4	2.5	2.5	2.5	2.0	56
58	2.4	2.4	2.5	2.4	2.3	1.9	58
60	2.3	2.3	2.3	2.4	2.1	1.7	60
62	2.3	2.3	2.2	2.3	2.0		62
64	2.3	2.2	2.0	2.2	1.8		64
66	2.2	2.2	1.9	2.0	1.6		66
68	2.2	2.2	1.8	1.8	1.5		68
70	2.1	2.1	1.6	1.7			70
72	1.9	2.0	1.5	1.5			72
74	1.8	1.8	1.4	1.4			74
76	1.7	1.6	1.3	1.3			76
78	1.6	1.3					78
80	1.5	1.0					80
Code	112222	222211	122222	222221	222222	333333	Code

起重性能表

Lifting capacities



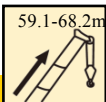
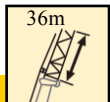
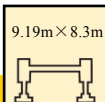
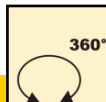
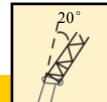
     						
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	
	32 m	32 m	32 m	32 m	32 m	
28	2.9	3.1				28
30	2.9	3.1	2.8	2.9		30
32	2.8	3.0	2.8	2.9	2.7	32
34	2.8	2.9	2.7	2.8	2.6	34
36	2.7	2.8	2.7	2.7	2.6	36
38	2.7	2.7	2.6	2.7	2.6	38
40	2.6	2.6	2.6	2.6	2.5	40
42	2.5	2.5	2.5	2.6	2.5	42
44	2.5	2.5	2.5	2.5	2.4	44
46	2.4	2.4	2.5	2.5	2.4	46
48	2.3	2.3	2.4	2.4	2.4	48
50	2.3	2.3	2.3	2.3	2.3	50
52	2.2	2.2	2.3	2.3	2.3	52
54	2.2	2.2	2.2	2.2	2.3	54
56	2.1	2.1	2.2	2.2	2.2	56
58	2.1	2.1	2.2	2.2	2.1	58
60	2.0	2.0	2.1	2.1	2.0	60
62	2.0	2.0	2.0	2.1	1.8	62
64	2.0	1.9	1.9	2.0	1.7	64
66	1.9	1.9	1.8	1.9	1.5	66
68	1.9	1.9	1.6	1.7		68
70	1.8	1.8	1.5	1.6		70
72	1.8	1.8	1.4	1.4		72
74	1.6	1.8				74
76	1.5	1.6				76
78	1.4	1.5				78
80	1.4	1.3				80
82	1.3	1.0				82
84	1.2					84
Code	112222	222211	122222	222221	222222	Code

起重性能表

Lifting capacities

GUINDASTES

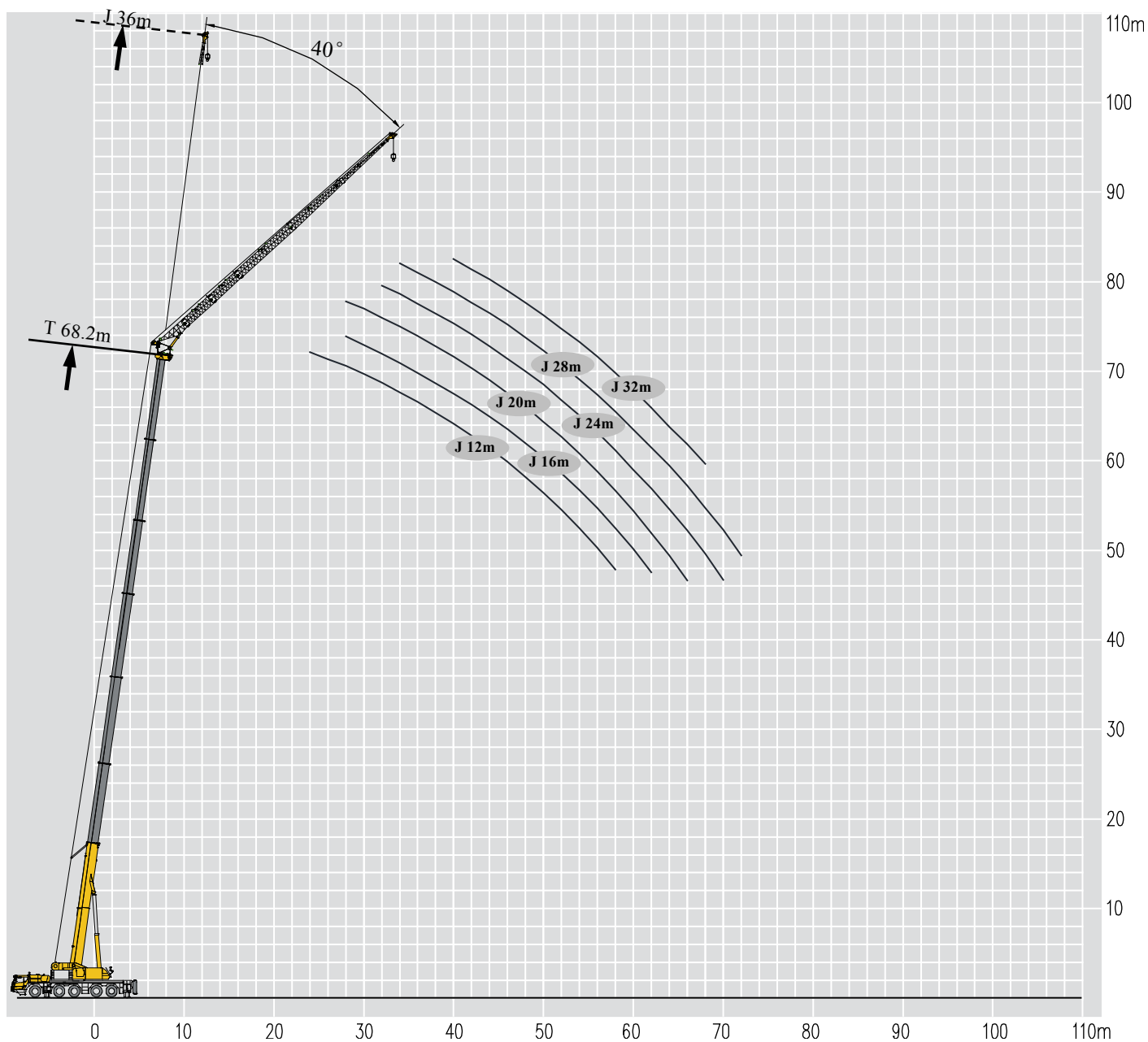
Triângulo

     						
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	
	36 m	36 m	36 m	36 m	36 m	
30	2.4	2.5				30
32	2.4	2.5	2.3	2.4		32
34	2.3	2.4	2.2	2.3		34
36	2.3	2.4	2.2	2.3	2.1	36
38	2.2	2.3	2.1	2.2	2.1	38
40	2.2	2.3	2.1	2.2	2.0	40
42	2.1	2.2	2.1	2.1	2.0	42
44	2.1	2.1	2.0	2.1	2.0	44
46	2.0	2.1	2.0	2.0	2.0	46
48	2.0	2.1	2.0	2.0	1.9	48
50	1.9	2.0	1.9	2.0	1.9	50
52	1.9	2.0	1.9	1.9	1.9	52
54	1.8	1.9	1.9	1.9	1.8	54
56	1.8	1.9	1.8	1.9	1.8	56
58	1.8	1.9	1.8	1.8	1.8	58
60	1.7	1.9	1.8	1.8	1.8	60
62	1.7	1.8	1.8	1.7	1.6	62
64	1.6	1.8	1.7	1.7	1.6	64
66	1.6	1.7	1.6	1.7	1.6	66
68	1.6	1.7	1.4	1.5	1.5	68
70	1.6	1.5			1.4	70
72	1.5	1.5			1.3	72
74	1.4	1.5			1.2	74
76	1.3	1.4			1.0	76
Code	112222	222211	122222	222221	222222	Code

起升高度曲线图 Lifting heights

GUINDASTES

Triângulo

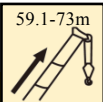
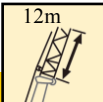
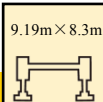
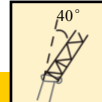


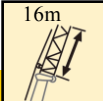
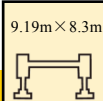
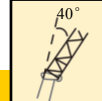
起重性能表

Lifting capacities

GUINDASTES

Triângulo

     							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	12 m	12 m	12 m	12 m	12 m	12 m	
20	9.1	9.2					20
22	8.7	9.1	8.6	9.0			22
24	8.3	9.1	8.2	8.9	8.2		24
26	7.9	9.0	7.9	8.8	7.9	7.2	26
28	7.5	8.9	7.6	8.7	7.6	7.0	28
30	7.2	8.8	7.2	8.4	7.3	6.8	30
32	6.9	8.7	7.0	8.0	7.0	6.4	32
34	6.6	8.4	6.7	7.4	6.7	5.9	34
36	6.4	7.9	6.4	6.9	6.3	5.5	36
38	6.1	7.5	6.1	6.5	6.0	5.3	38
40	5.8	7.3	5.8	6.1	5.7	4.9	40
42	5.4	7.0	5.4	5.6	5.4	4.6	42
44	5.1	6.7	5.1	5.3	5.1	4.5	44
46	4.9	6.3	4.8	5.0	4.9	4.3	46
48	4.6	6.0	4.5	4.7	4.7	4.1	48
50	4.4	5.8	4.3	4.4	4.3	3.8	50
52	4.2	5.5	4.0	4.1	3.9	3.6	52
54			3.8	3.8	3.7	3.4	54
56			3.6	3.6	3.6	3.2	56
58					3.3	3.0	58
60						2.9	60
62						2.7	62
Code	112222	222211	122222	222221	222222	333333	Code

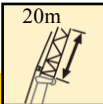
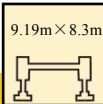
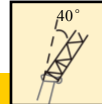
     							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	16 m	16 m	16 m	16 m	16 m	16 m	
24	6.5	6.7					24
26	6.4	6.6	6.3	6.5			26
28	6.3	6.5	6.2	6.4	6.1		28
30	6.2	6.4	6.2	6.3	6.1	5.8	30
32	6.0	6.3	6.0	6.2	6.0	5.6	32
34	5.8	6.2	5.8	6.1	5.8	5.5	34
36	5.6	6.1	5.6	6.0	5.7	5.2	36
38	5.4	6.1	5.5	6.0	5.4	4.8	38
40	5.2	6.0	5.2	5.6	5.0	4.4	40
42	5.0	6.0	4.9	5.3	4.7	4.2	42
44	4.8	5.8	4.6	5.0	4.5	4.0	44
46	4.6	5.4	4.4	4.7	4.3	3.9	46
48	4.4	5.1	4.2	4.4	4.1	3.7	48
50	4.2	4.8	4.0	4.3	3.9	3.4	50
52	4.0	4.5	3.8	4.0	3.6	3.1	52
54	3.8	4.2	3.6	3.8	3.4	3.0	54
56	3.6	3.9	3.5	3.7	3.2	2.9	56
58			3.3	3.5	3.1	2.8	58
60			2.9	2.9	2.8	2.7	60
62					2.7	2.6	62
64						2.5	64
66						2.3	66
Code	112222	222211	122222	222221	222222	333333	Code

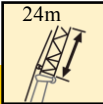
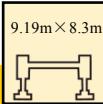
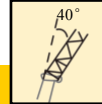
起重性能表

Lifting capacities

GUINDASTES

Triângulo

     							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	20 m	20 m	20 m	20 m	20 m	20 m	
26	3.2	3.2	3.2	3.2			26
28	3.1	3.2	3.2	3.2	3.2		28
30	3.1	3.1	3.1	3.1	3.1	3.1	30
32	3.0	3.0	3.1	3.1	3.1	3.1	32
34	3.0	3.0	3.0	3.0	3.1	3.1	34
36	2.9	2.9	3.0	3.0	3.0	3.0	36
38	2.9	2.9	3.0	2.9	3.0	3.0	38
40	2.9	2.9	2.9	2.9	2.9	3.0	40
42	2.8	2.8	2.9	2.9	2.9	3.0	42
44	2.8	2.8	2.9	2.9	2.9	2.9	44
46	2.8	2.8	2.8	2.8	2.9	2.9	46
48	2.8	2.7	2.8	2.8	2.9	2.9	48
50	2.8	2.7	2.8	2.8	2.9	2.9	50
52	2.7	2.7	2.8	2.8	2.8	2.9	52
54	2.7	2.7	2.8	2.8	2.8	2.9	54
56	2.7	2.6	2.7	2.8	2.8	2.8	56
58	2.7	2.6	2.7	2.7	2.8	2.6	58
60	2.7	2.6	2.7	2.7	2.7	2.4	60
62			2.7	2.7	2.7	2.2	62
64			2.6	2.6	2.5	2.0	64
66					2.4	1.8	66
68						1.6	68
70						1.5	70
Code	112222	222211	122222	222221	222222	333333	Code

     							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	24 m	24 m	24 m	24 m	24 m	24 m	
28	2.7	2.8					28
30	2.7	2.7	2.7	2.7			30
32	2.6	2.6	2.7	2.7	2.7		32
34	2.6	2.6	2.6	2.6	2.6	2.7	34
36	2.5	2.5	2.6	2.6	2.6	2.6	36
38	2.5	2.5	2.5	2.5	2.6	2.6	38
40	2.5	2.5	2.5	2.5	2.5	2.6	40
42	2.4	2.4	2.5	2.5	2.5	2.5	42
44	2.4	2.4	2.5	2.4	2.5	2.5	44
46	2.4	2.4	2.4	2.4	2.5	2.5	46
48	2.4	2.4	2.4	2.4	2.4	2.5	48
50	2.4	2.3	2.4	2.4	2.4	2.5	50
52	2.4	2.3	2.4	2.4	2.4	2.5	52
54	2.3	2.3	2.4	2.4	2.4	2.4	54
56	2.3	2.3	2.4	2.4	2.4	2.3	56
58	2.3	2.3	2.4	2.4	2.4	2.1	58
60	2.3	2.3	2.4	2.4	2.4	1.9	60
62	2.4	2.3	2.4	2.4	2.2	1.8	62
64	2.4	2.3	2.3	2.3	2.1	1.6	64
66			2.1	2.2	1.9	1.5	66
68					1.7		68
70					1.6		70
Code	112222	222211	122222	222221	222222	333333	Code

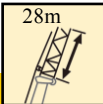
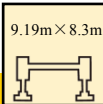
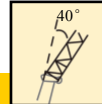
XCMG—XCA250BRII

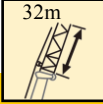
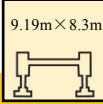
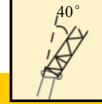
起重性能表

Lifting capacities

GUINDASTES

Triângulo

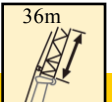
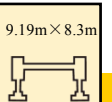
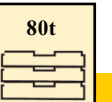
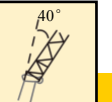
							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m	73 m	
	28 m	28 m	28 m	28 m	28 m	28 m	
32	2.4	2.4					32
34	2.4	2.4	2.4	2.4	2.4		34
36	2.3	2.3	2.3	2.3	2.4		36
38	2.3	2.3	2.3	2.3	2.3	2.3	38
40	2.2	2.2	2.3	2.3	2.3	2.3	40
42	2.2	2.2	2.2	2.2	2.3	2.3	42
44	2.2	2.2	2.2	2.2	2.2	2.3	44
46	2.1	2.1	2.2	2.2	2.2	2.3	46
48	2.1	2.1	2.2	2.1	2.2	2.2	48
50	2.1	2.1	2.1	2.1	2.2	2.2	50
52	2.1	2.1	2.1	2.1	2.2	2.2	52
54	2.1	2.0	2.1	2.1	2.1	2.2	54
56	2.1	2.0	2.1	2.1	2.1	2.1	56
58	2.1	2.0	2.1	2.1	2.1	1.9	58
60	2.1	2.0	2.1	2.1	2.1	1.8	60
62	2.1	2.0	2.1	2.1	2.0	1.6	62
64	2.1	2.0	2.1	2.1	1.8		64
66	2.1	2.0	1.9	2.0	1.7		66
68	2.1	2.0	1.8	1.9	1.6		68
70			1.7	1.7	1.4		70
72					1.3		72
Code	112222	222211	122222	222221	222222	333333	Code

							
	59.1 m	59.1 m	63.7 m	63.7 m	68.2 m		
	32 m	32 m	32 m	32 m	32 m		
36	2.0	2.0					36
38	2.0	2.0	2.0	2.0			38
40	2.0	2.0	2.0	2.0	2.0		40
42	1.9	1.9	1.9	2.0	2.0		42
44	1.9	1.9	1.9	1.9	1.9		44
46	1.9	1.9	1.9	1.9	1.9		46
48	1.8	1.8	1.9	1.9	1.9		48
50	1.8	1.8	1.8	1.8	1.9		50
52	1.8	1.8	1.8	1.8	1.9		52
54	1.8	1.8	1.8	1.8	1.8		54
56	1.8	1.7	1.8	1.8	1.8		56
58	1.7	1.7	1.8	1.8	1.8		58
60	1.7	1.7	1.8	1.8	1.8		60
62	1.7	1.7	1.8	1.8	1.8		62
64	1.7	1.7	1.8	1.7	1.8		64
66	1.7	1.7	1.8	1.7	1.6		66
68	1.7	1.7	1.7	1.7	1.5		68
70	1.8	1.7	1.5	1.6			70
72	1.8	1.7	1.4	1.5			72
74			1.3	1.4			74
Code	112222	222211	122222	222221	222222		Code

起重性能表

Lifting capacities

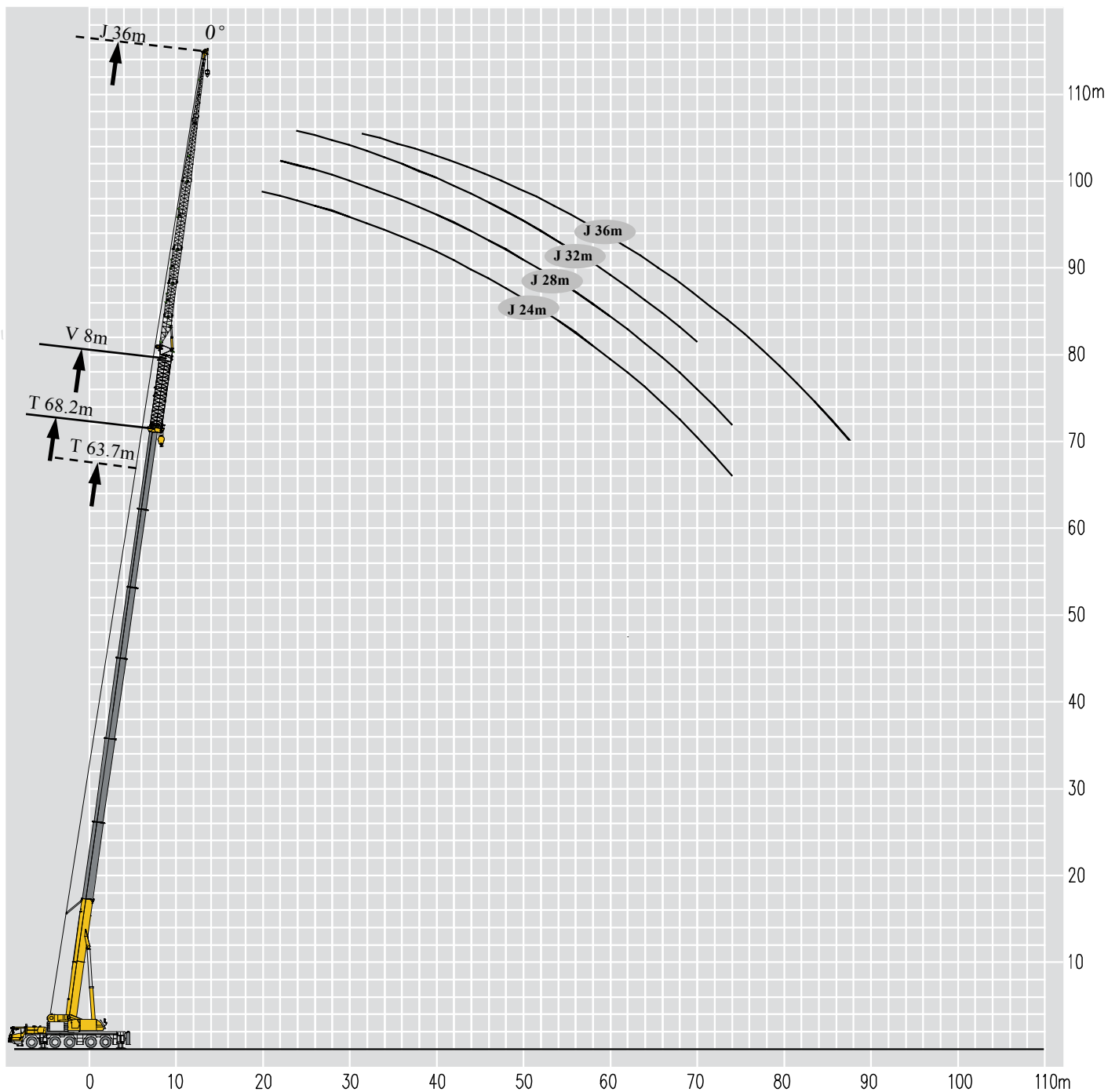


	 59.1-63.7m	 36m	 9.19m × 8.3m	 360°	 80t	 40°	
	59.1 m	36 m	59.1 m	36 m	63.7 m	63.7 m	
	36 m	36 m	36 m	36 m	36 m	36 m	
40	1.7	1.7					40
42	1.6	1.6			1.6	1.7	42
44	1.6	1.6			1.6	1.6	44
46	1.6	1.6			1.6	1.6	46
48	1.5	1.5			1.6	1.6	48
50	1.5	1.5			1.5	1.5	50
52	1.5	1.5			1.5	1.5	52
54	1.5	1.5			1.5	1.5	54
56	1.4	1.4			1.5	1.5	56
58	1.4	1.4			1.5	1.4	58
60	1.4	1.4			1.4	1.4	60
62	1.4	1.4			1.4	1.4	62
64	1.4	1.4			1.4	1.4	64
66	1.4	1.4			1.4	1.4	66
68	1.4	1.4			1.4	1.4	68
70	1.4	1.4			1.4	1.4	70
72	1.4	1.4				1.4	72
74	1.4	1.4					74
76	1.4	1.4					76
Code	112222		222211		122222	222221	Code

起升高度曲线图 Lifting heights

GUINDASTES

Triângulo



起重性能表

Lifting capacities



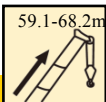
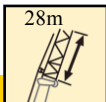
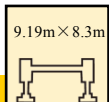
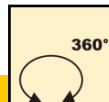
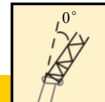
	59.1 +8 m	59.1 +8 m	63.7 +8 m	63.7 +8 m	68.2 +8 m	
	24 m	24 m	24 m	24 m	24 m	
16	4.6	5.1				16
18	4.6	5.0	4.3	4.6		18
20	4.5	5.0	4.2	4.5	4.0	20
22	4.4	5.0	4.2	4.5	4.0	22
24	4.4	4.9	4.1	4.4	3.9	24
26	4.3	4.8	4.1	4.4	3.9	26
28	4.2	4.7	4.0	4.3	3.8	28
30	4.1	4.6	3.9	4.2	3.8	30
32	4.0	4.5	3.9	4.1	3.7	32
34	3.9	4.4	3.8	4.0	3.6	34
36	3.7	4.3	3.7	4.0	3.6	36
38	3.6	4.2	3.5	3.9	3.5	38
40	3.5	4.1	3.4	3.8	3.4	40
42	3.3	4.0	3.3	3.8	3.3	42
44	3.2	3.9	3.2	3.7	3.2	44
46	3.1	3.8	3.1	3.6	3.1	46
48	3.0	3.7	3.0	3.5	3.0	48
50	2.9	3.6	2.9	3.5	2.9	50
52	2.8	3.5	2.8	3.3	2.8	52
54	2.7	3.4	2.7	3.1	2.7	54
56	2.6	3.3	2.6	2.9	2.5	56
58	2.5	3.2	2.5	2.7	2.4	58
60	2.4	3.1	2.4	2.5	2.2	60
62	2.3	2.9	2.2	2.3	2.1	62
64	2.2	2.7	2.0	2.2	2.0	64
66	2.1	2.6	1.9	2.0	1.8	66
68	1.9	2.4	1.8	1.9	1.7	68
70	1.8	2.2	1.6	1.7	1.6	70
72	1.7	2.0	1.4	1.6	1.5	72
74	1.6	1.9	1.3	1.4	1.4	74
76	1.5	1.6	1.2	1.4	1.3	76
78	1.4	1.4	1.0	1.3	1.2	78
80	1.3	1.2		1.1		80
82	1.3	1.1				82
84	1.2					84
Code	112222	222211	122222	222221	222222	Code

起重性能表

Lifting capacities

GUINDASTES

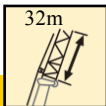
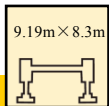
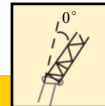
Triângulo

							
	59.1 +8 m	59.1 +8 m	63.7 +8 m	63.7 +8 m	68.2 +8 m		
	28 m	28 m	28 m	28 m	28 m		
18	3.8	4.3				18	
20	3.8	4.2	3.5	3.8		20	
22	3.7	4.1	3.5	3.7	3.3	22	
24	3.6	4.0	3.4	3.7	3.3	24	
26	3.6	4.0	3.4	3.6	3.2	26	
28	3.5	3.9	3.4	3.6	3.2	28	
30	3.5	3.8	3.3	3.5	3.2	30	
32	3.4	3.7	3.3	3.5	3.1	32	
34	3.4	3.7	3.2	3.4	3.1	34	
36	3.3	3.6	3.2	3.4	3.0	36	
38	3.2	3.6	3.1	3.3	3.0	38	
40	3.1	3.5	3.0	3.3	3.0	40	
42	3.0	3.4	2.9	3.2	2.9	42	
44	2.9	3.4	2.8	3.2	2.8	44	
46	2.8	3.3	2.7	3.1	2.7	46	
48	2.6	3.2	2.6	3.0	2.6	48	
50	2.5	3.2	2.5	3.0	2.6	50	
52	2.4	3.1	2.5	2.9	2.5	52	
54	2.4	3.0	2.4	2.8	2.4	54	
56	2.3	2.9	2.3	2.7	2.3	56	
58	2.2	2.8	2.2	2.5	2.2	58	
60	2.1	2.7	2.1	2.3	2.0	60	
62	2.0	2.6	2.0	2.2	1.9	62	
64	1.9	2.5	1.9	2.1	1.8	64	
66	1.9	2.4	1.8	1.9	1.6	66	
68	1.8	2.4	1.6	1.8	1.5	68	
70	1.7	2.1	1.5	1.7	1.4	70	
72	1.6	1.9	1.4	1.6	1.1	72	
74	1.5	1.6	1.4	1.5	1.1	74	
76	1.4	1.3	1.3	1.4		76	
78	1.3	1.1		1.3		78	
80	1.2	1.0		1.2		80	
82	1.1			1.1		82	
84	1.1			1.0		84	
Code	112222	222211	122222	222221	222222	Code	

起重性能表

Lifting capacities



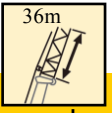
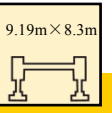
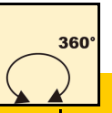
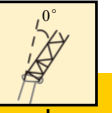
     						
	59.1 +8 m	59.1 +8 m	63.7 +8 m	63.7 +8 m	68.2 +8 m	
	32 m	32 m	32 m	32 m	32 m	
20	3.4	3.8				20
22	3.4	3.7	3.2	3.4		22
24	3.3	3.7	3.1	3.3	3.0	24
26	3.2	3.6	3.1	3.3	2.9	26
28	3.2	3.5	3.0	3.2	2.9	28
30	3.1	3.5	3.0	3.2	2.8	30
32	3.1	3.4	2.9	3.1	2.8	32
34	3.0	3.3	2.9	3.1	2.8	34
36	3.0	3.3	2.9	3.0	2.7	36
38	2.9	3.2	2.8	3.0	2.7	38
40	2.9	3.1	2.8	2.9	2.6	40
42	2.8	3.1	2.7	2.9	2.6	42
44	2.8	3.0	2.7	2.8	2.6	44
46	2.7	3.0	2.6	2.8	2.6	46
48	2.6	2.9	2.6	2.7	2.5	48
50	2.5	2.8	2.5	2.7	2.3	50
52	2.4	2.8	2.3	2.6	2.3	52
54	2.3	2.7	2.2	2.5	2.3	54
56	2.2	2.7	2.1	2.4	2.2	56
58	2.1	2.5	2.0	2.3	2.1	58
60	2.0	2.3	1.9	2.2	2.0	60
62	1.8	2.2	1.8	2.1	1.8	62
64	1.8	2.2	1.5	1.9	1.6	64
66	1.7	2.1	1.4	1.8	1.4	66
68	1.7	2.1	1.3	1.5	1.2	68
70	1.6	1.9	1.1	1.2	1.1	70
72	1.5	1.8		1.0		72
74	1.4	1.7				74
76	1.3	1.4				76
78	1.2					78
Code	112222	222211	122222	222221	222222	Code

起重性能表

Lifting capacities

GUINDASTES

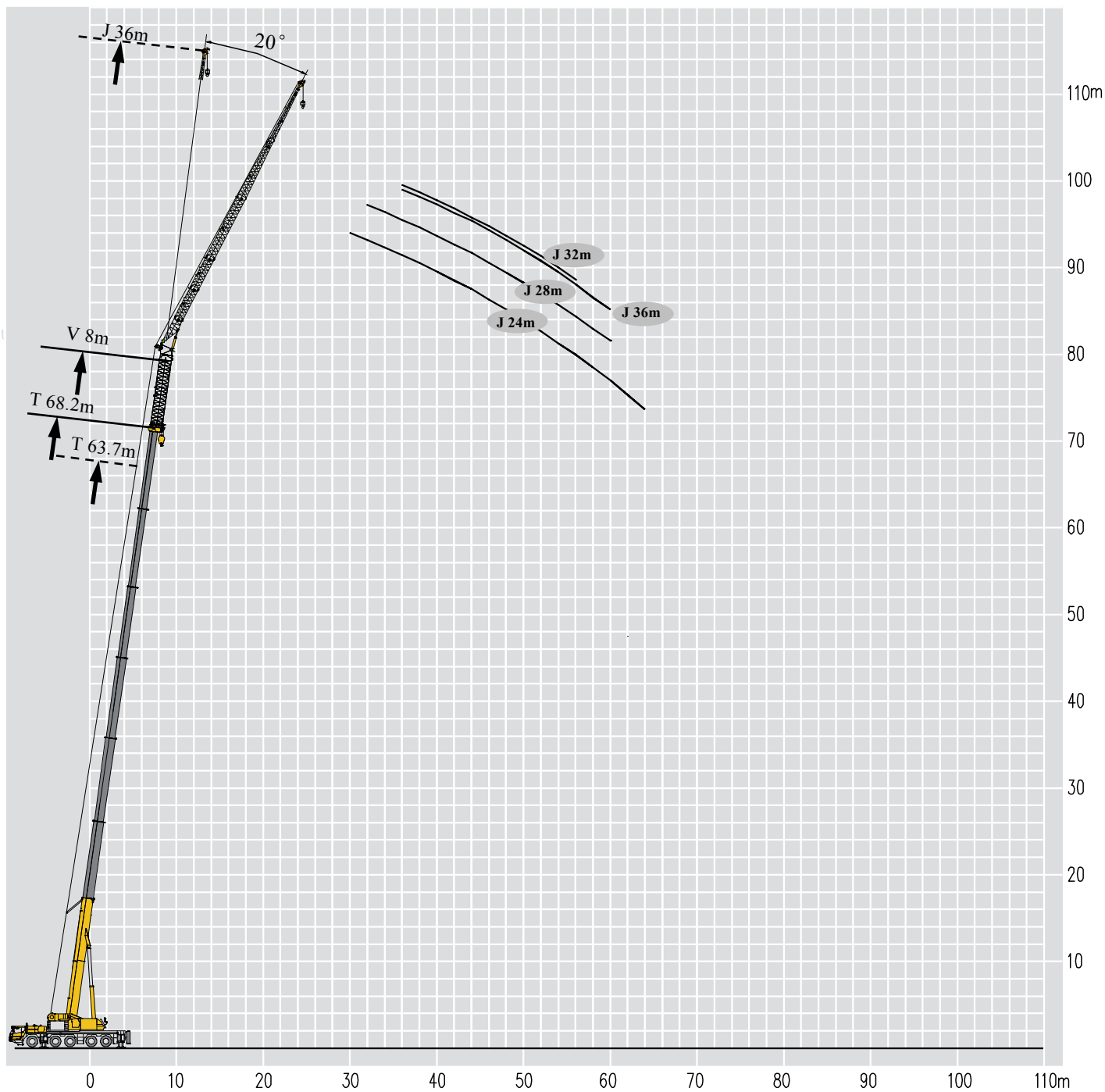
Triângulo

								
		59.1 + 8 m	59.1 + 8 m	59.1 + 8 m	63.7 + 8 m	63.7 + 8 m	68.2 + 8 m	
		36 m	36 m	36 m	36 m	36 m	36 m	
22	2.8	3.1					2.3	22
24	2.7	3.1			2.6	2.8	2.3	24
26	2.7	3.0			2.5	2.7	2.3	26
28	2.7	2.9			2.5	2.7	2.3	28
30	2.6	2.9			2.5	2.6	2.3	30
32	2.6	2.8			2.4	2.6	2.3	32
34	2.5	2.8			2.4	2.5	2.2	34
36	2.5	2.7			2.4	2.5	2.2	36
38	2.4	2.6			2.3	2.5	2.2	38
40	2.4	2.6			2.3	2.4	2.1	40
42	2.3	2.5			2.2	2.4	2.1	42
44	2.3	2.5			2.2	2.3	2.1	44
46	2.3	2.4			2.2	2.3	2.0	46
48	2.2	2.4			2.1	2.2	2.0	48
50	2.2	2.3			2.1	2.2	2.0	50
52	2.1	2.3			2.1	2.2	1.9	52
54	2.0	2.3			2.0	2.1	1.8	54
56	1.9	2.2			1.9	2.1	1.6	56
58	1.8	2.2			1.9	2.1	1.5	58
60	1.8	2.1			1.6	2.0		60
62	1.7	2.0			1.3	1.6		62
64	1.6	1.8				1.4		64
66	1.4	1.8				1.2		66
68	1.3	1.8						68
70	1.2	1.7						70
Code	112222	222211			122222	222221	222221	Code

起升高度曲线图 Lifting heights

GUINDASTES

Triângulo

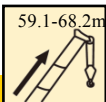
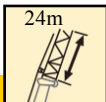
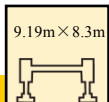
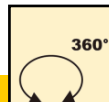
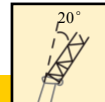


起重性能表

Lifting capacities

GUINDASTES

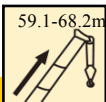
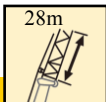
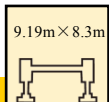
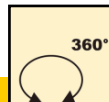
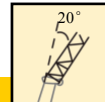
Triângulo

							
	59.1 +8 m	59.1 +8 m	63.7 +8 m	63.7 +8 m	68.2 +8 m		
	24 m	24 m	24 m	24 m	24 m		
26	3.7	4.1				26	
28	3.7	4.0	3.5	3.7		28	
30	3.6	3.9	3.5	3.6	3.5	30	
32	3.6	3.7	3.4	3.6	3.4	32	
34	3.5	3.6	3.4	3.5	3.3	34	
36	3.4	3.5	3.3	3.5	3.3	36	
38	3.4	3.4	3.3	3.4	3.3	38	
40	3.3	3.3	3.2	3.4	3.2	40	
42	3.2	3.3	3.2	3.3	3.2	42	
44	3.1	3.2	3.1	3.3	3.1	44	
46	3.0	3.1	3.0	3.2	3.1	46	
48	2.9	3.1	2.9	3.2	3.0	48	
50	2.8	3.0	2.8	3.1	3.0	50	
52	2.7	2.9	2.7	3.0	2.9	52	
54	2.6	2.9	2.6	2.8	2.7	54	
56	2.5	2.8	2.4	2.7	2.6	56	
58	2.4	2.8	2.3	2.7	2.5	58	
60	2.4	2.7	2.1	2.6	2.3	60	
62	2.3	2.6	1.9	2.5	2.2	62	
64	2.1	2.5	1.8	2.4	2.1	64	
66	2.0	2.4	1.6	2.3	2.0	66	
68	1.9	2.4	1.5	2.2	1.9	68	
70	1.7	2.4	1.4	2.0	1.8	70	
72	1.6	2.3	1.3	2.0	1.7	72	
74	1.5	2.2	1.2	1.9	1.6	74	
76	1.4	1.9	1.1	1.8	1.5	76	
78	1.3	1.7	1.0	1.5	1.4	78	
80	1.2	1.5		1.2	1.4	80	
Code	112222	222211	122222	222221	222222	Code	

起重性能表

Lifting capacities



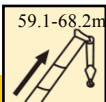
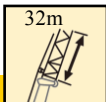
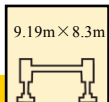
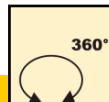
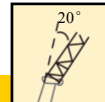
     						
	59.1 +8 m	59.1 +8 m	63.7 +8 m	63.7 +8 m	68.2 +8 m	
	28 m	28 m	28 m	28 m	28 m	
28	3.1	3.3				28
30	3.1	3.3	2.9	3.1		30
32	3.0	3.3	2.9	3.0	2.7	32
34	3.0	3.2	2.8	3.0	2.7	34
36	2.9	3.1	2.8	2.9	2.7	36
38	2.9	3.1	2.8	2.9	2.6	38
40	2.8	3.0	2.7	2.8	2.6	40
42	2.8	3.0	2.7	2.8	2.6	42
44	2.7	2.9	2.6	2.7	2.5	44
46	2.7	2.9	2.6	2.7	2.5	46
48	2.5	2.8	2.6	2.7	2.5	48
50	2.5	2.7	2.5	2.6	2.4	50
52	2.4	2.7	2.4	2.6	2.4	52
54	2.3	2.6	2.3	2.6	2.2	54
56	2.2	2.6	2.2	2.4	2.0	56
58	2.2	2.5	2.0	2.3	1.9	58
60	2.1	2.5	1.9	2.2	1.7	60
62	2.0	2.4	1.7	2.0		62
64	1.9	2.2	1.6	1.8		64
66	1.8	2.1		1.7		66
68	1.6	1.9				68
70	1.5	1.7				70
72	1.4	1.6				72
74	1.2	1.4				74
Code	112222	222211	122222	222221	222222	Code

起重性能表

Lifting capacities

GUINDASTES

Triângulo

     						
	59.1 +8 m	59.1 +8 m	63.7 +8 m	63.7 +8 m	68.2 +8 m	
	32 m	32 m	32 m	32 m	32 m	
32	2.5	2.8				32
34	2.5	2.7	2.4	2.5		34
36	2.5	2.7	2.4	2.5	2.3	36
38	2.4	2.6	2.3	2.5	2.2	38
40	2.4	2.6	2.3	2.4	2.2	40
42	2.4	2.5	2.3	2.4	2.2	42
44	2.3	2.5	2.2	2.3	2.2	44
46	2.3	2.5	2.2	2.3	2.1	46
48	2.3	2.4	2.2	2.3	2.1	48
50	2.2	2.4	2.1	2.2	2.1	50
52	2.1	2.3	2.1	2.2	2.0	52
54	2.1	2.3	2.1	2.2	2.0	54
56	2.0	2.2	2.0	2.1	2.0	56
58	1.9	2.2	1.9	2.1	1.9	58
60	1.8	2.1	1.8	2.0	1.8	60
62	1.8	2.1		1.8		62
64	1.7	2.1				64
66	1.6	2.0				66
68	1.5	1.8				68
70		1.7				70
72		1.5				72
Code	112222	222211	122222	222221	222222	Code

起重性能表

Lifting capacities

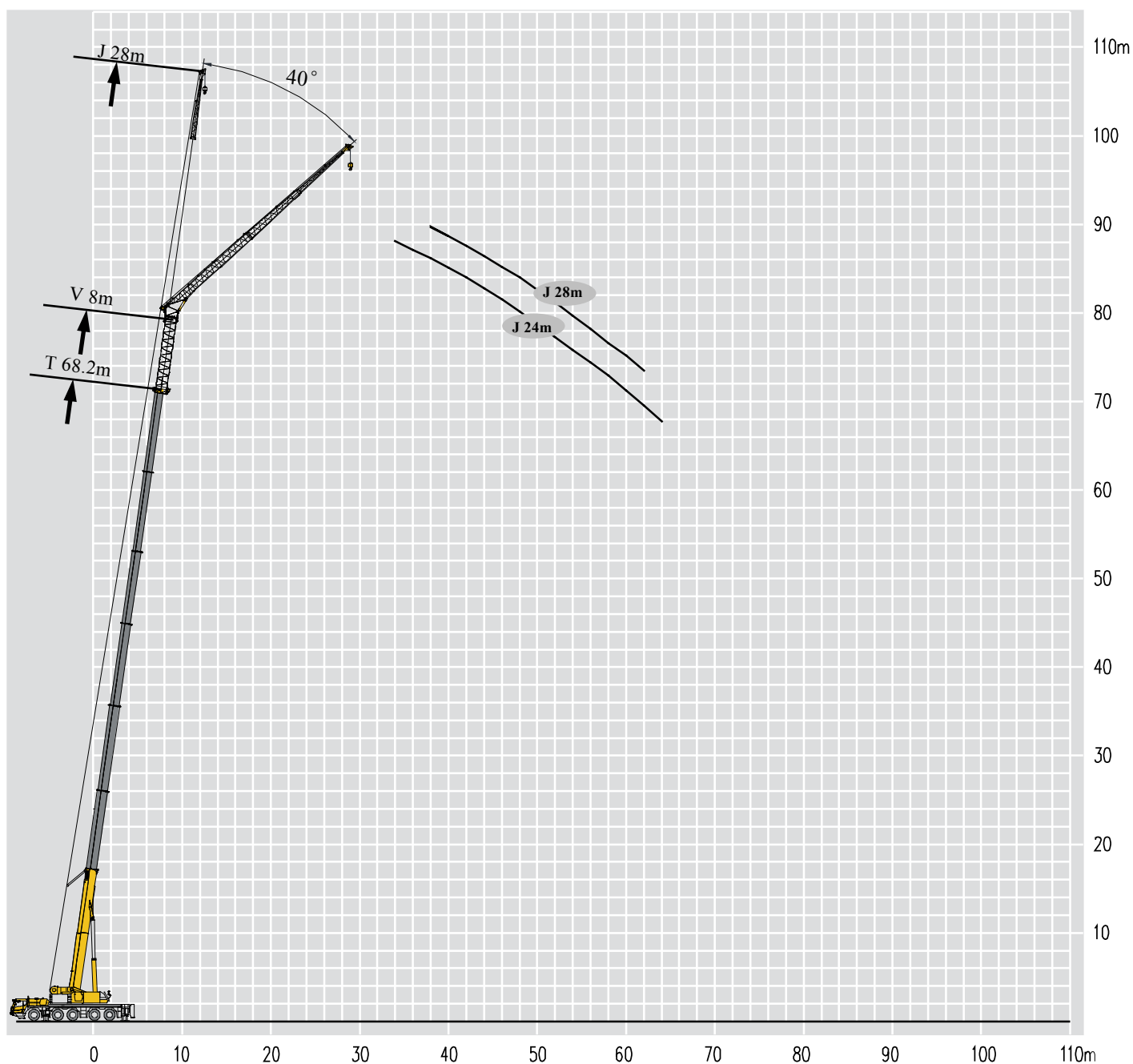


59.1-68.2m 36m 9.19m × 8.3m 360° 80t 20°					
	59.1 +8 m	59.1 +8 m	63.7 +8 m	63.7 +8 m	
	36 m	36 m	36 m	36 m	
34	2.1	2.2			34
36	2.0	2.2	2.0		36
38	2.0	2.2	1.9	2.1	38
40	2.0	2.1	1.9	2.1	40
42	2.0	2.1	1.9	2.1	42
44	1.9	2.0	1.9	2.1	44
46	1.9	2.0	1.8	2.0	46
48	1.9	2.0	1.8	2.0	48
50	1.8	2.0	1.8	1.9	50
52	1.8	1.9	1.8	1.9	52
54	1.8	1.9	1.7	1.8	54
56	1.7	1.9	1.7	1.8	56
58	1.7	1.8		1.8	58
60	1.6	1.8		1.7	60
62	1.5	1.8			62
64	1.5	1.7			64
66		1.7			66
68		1.7			68
Code	112222	222211	122222	222221	Code

起升高度曲线图 Lifting heights

GUINDASTES

Triângulo



起重性能表

Lifting capacities



	59.1 +8 m	59.1 +8 m	63.7 +8 m	63.7 +8 m	68.2 +8 m	
	24 m	24 m	24 m	24 m	24 m	
32	2.7	2.7				32
34	2.7	2.6	2.7	2.7	2.7	34
36	2.6	2.6	2.7	2.6	2.7	36
38	2.6	2.6	2.6	2.6	2.6	38
40	2.6	2.5	2.6	2.6	2.6	40
42	2.5	2.5	2.6	2.6	2.6	42
44	2.5	2.5	2.6	2.5	2.6	44
46	2.5	2.5	2.5	2.5	2.6	46
48	2.5	2.4	2.5	2.5	2.6	48
50	2.5	2.4	2.5	2.5	2.6	50
52	2.5	2.4	2.5	2.5	2.6	52
54	2.5	2.4	2.5	2.5	2.5	54
56	2.5	2.4	2.5	2.5	2.3	56
58	2.4	2.4	2.3	2.4	2.2	58
60	2.4	2.4	2.2	2.3	2.1	60
62	2.3	2.4	2.1	2.2	2.0	62
64	2.2	2.4	1.9	2.1	1.9	64
66	2.1	2.3	1.8	2.0		66
68	2.0	2.1	1.7	1.9		68
70	1.8	2.0	1.5	1.8		70
72			1.4	1.7		72
Code	112222	222211	122222	222221	222222	Code

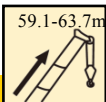
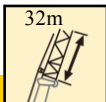
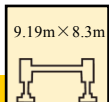
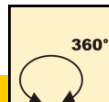
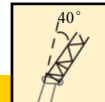
	59.1 +8 m	59.1 +8 m	63.7 +8 m	63.7 +8 m	68.2 +8 m	
	28 m	28 m	28 m	28 m	28 m	
34	2.4	2.4				34
36	2.4	2.4	2.4	2.4		36
38	2.3	2.3	2.3	2.4	2.2	38
40	2.3	2.3	2.3	2.3	2.2	40
42	2.3	2.3	2.3	2.3	2.2	42
44	2.3	2.2	2.3	2.3	2.2	44
46	2.2	2.2	2.2	2.3	2.2	46
48	2.2	2.2	2.2	2.2	2.1	48
50	2.2	2.2	2.2	2.2	2.1	50
52	2.2	2.1	2.2	2.2	2.1	52
54	2.2	2.1	2.2	2.2	2.1	54
56	2.1	2.1	2.1	2.2	2.1	56
58	2.1	2.1	2.1	2.2	2.0	58
60	2.0	2.1	2.0	2.2	1.8	60
62	2.0	2.1	1.8	2.0	1.7	62
64	1.9	2.1	1.6	1.9	1.5	64
66	1.8	2.1	1.5	1.8	1.4	66
68	1.7	2.0		1.6		68
70	1.6	1.8		1.5		70
72	1.5	1.7		1.4		72
74	1.3	1.5		1.3		74
Code	112222	222211	122222	222221	222222	Code

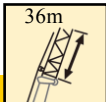
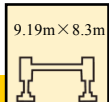
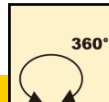
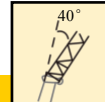
起重性能表

Lifting capacities

GUINDASTES

Triângulo

     								
	59.1 +8 m		59.1 +8 m		63.7 +8 m			
	32 m		32 m		32 m			
40	2.0		2.0		1.9		40	
42	2.0		2.0		1.9		42	
44	2.0		1.9		1.9		44	
46	1.9		1.9		1.9		46	
48	1.9		1.9		1.8		48	
50	1.9		1.9		1.8		50	
52	1.9		1.8		1.8		52	
54	1.9		1.8		1.8		54	
56	1.8		1.8		1.8		56	
58	1.8		1.8		1.8		58	
60	1.8		1.8		1.8		60	
62	1.7		1.6		1.7		62	
64	1.7		1.6		1.6		64	
66	1.7		1.6		1.7		66	
68	1.6		1.6				68	
70	1.5		1.6				70	
72	1.4		1.6				72	
74			1.6				74	
76			1.5				76	
Code	112222		222211		122222		222211	Code

59.1m 36m 9.19m×8.3m 360° 80t 40°							
	59.1 +8 m			59.1 +8 m			
	36 m			36 m			
42	1.6			1.7			42
44	1.6			1.6			44
46	1.6			1.6			46
48	1.5			1.6			48
50	1.5			1.5			50
52	1.5			1.5			52
54	1.5			1.5			54
56	1.5			1.5			56
58	1.5			1.5			58
60	1.4			1.5			60
62	1.4			1.4			62
64	1.4			1.4			64
66	1.4			1.4			66
68	1.3			1.4			68
70				1.4			70
72				1.4			72
Code	112222			222211			Code

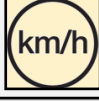
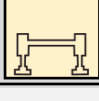
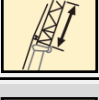
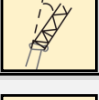
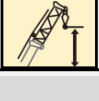
符号标识

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 Grade ability
	吊臂仰角 Boom angle		轮胎 Tires
	主臂起升高度 Hoist height with boom		支腿 Outriggers
	固定副臂长度 Fixed jib length		吊钩 Hook block
	副臂安装角 Jib offset angle		平衡重 Counterweight
	副臂起升高度 Hoist height with jib		卷扬 Winch
			360°全回转 360° operation of the boom

主要技术参数表

Table of main technical parameters

GUINDASTES

Triângulo

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	15452×3000×4000
	轴距 Wheel base		mm	2650+1650+2900+1700
	轮距 (前/后) Track (Front/ Rear)		mm	2590/2590/2590/2590/2590
	前悬/后悬 Front/ Rear overhang		mm	2640/2263
	前伸/后伸 Front/ Rear extension		mm	4289/2135
重量参数 Weight	最大允许总质量 Max. permissible weight		kg	60000
	轴荷 Axle load	一轴 1st axle	kg	12000
		二轴 2nd axle	kg	12000
		三轴 3rd axle	kg	12000
		四轴 4th axle	kg	12000
		五轴 5th axle	kg	12000
动力参数 Power	发动机型号 Engine model		——	WP13G530E310
	额定功率/转速 Rated power/rpm		kW/(r/min)	390/2100
	最大输出扭矩/转速 Max. output torque/rpm		N.m/(r/min)	2300/ (1200~1600)
行驶参数 Travel	行驶速度 Travel speed	最高车速 Max. travel speed	km/h	80
		最低稳定车速 Min. travel speed	km/h	1~1.5
	转弯直径 Turning diameter	最小转弯直径 Min. turning diameter	m	18.5(转向模式：最小转弯模式)
		臂头最小转弯直径 Min. turning diameter at boom tip	m	23.5(转向模式：最小转弯模式)
	最小离地间隙 Min. ground clearance		mm	357
	接近角 Approach angle		°	19
	离去角 Departure angle		°	16
	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		%	60
	百公里油耗 Fuel consumption per 100 km		L	72
	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

Table of main technical parameters

GUINDASTES

Triângulo

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	250
	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	5160
		副卷处 Auxiliary winch		mm	4883
	最大起重力矩 Max. load moment	基本臂 Base boom		kN.m	7400
		最长主臂 Fully-extended boom		kN.m	2960
		最长主臂+副臂 Fully-extended boom + Jib		kN.m	1220
	支腿跨距 Outrigger span	纵向 Longitudinal		m	9.19
		横向 Lateral		m	8.3
	起升高度 Hoist height	基本臂 Base boom		m	13.4
		最长主臂 Fully-extended boom		m	73.5
		最长（主臂+副臂） Fully-extended boom + Jib		m	112
	起重臂长度 Boom length	基本臂 Base boom		m	13.4
		最长主臂 Fully-extended boom		m	73
		最长（主臂+副臂） Fully-extended boom + Jib		m	112.2
副臂安装角 Jib offset angle			°	0、20、40	
工作速度参数 Working speed	起重臂起臂时间 Boom raising time			s	≤55
	起重臂全伸时间 Boom fully extending time			s	≤750
	最大回转速度 Max. slewing speed			r/min	≥1.5
	支腿收放时间 Outrigger extending and retracting time	水平支腿（单边收放） Outrigger beam （Extending and retracting at one side）	收 Retracting	s	≤40
			放 Extending	s	≤40
		垂直支腿 Outrigger jack	收 Retracting	s	≤40
			放 Extending	s	≤80
	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	空载 No load	m/min	≥130
副起升机构 Auxiliary winch		空载 No load	m/min	≥130	
噪声 Noise	机外辐射 Exterior noise level			dB（A）	≤122
	司机位置处 Noise level at seated position			dB（A）	≤90

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 from the rated lifting load.
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. Take boom deflection into consideration before beginning a lifting operation.
3. A lifting operation is permissible only when the wind force is below grade 5 (instantaneous wind speed 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 should be extended according to the telescoping code shown by digits, which means the percentage of boom sections extended.