

汽车起重机 / Truck Crane

Официальный дилер
спецтехники XCMG в России
+7 (495) 641-80-47
info@techno-xcmg.ru

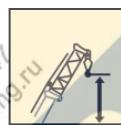
XCT100



100 t



64 m



92.6 m

Официальный дилер
спецтехники XCMG в России
+7 (495) 641-80-47
info@techno-xcmg.ru



目录

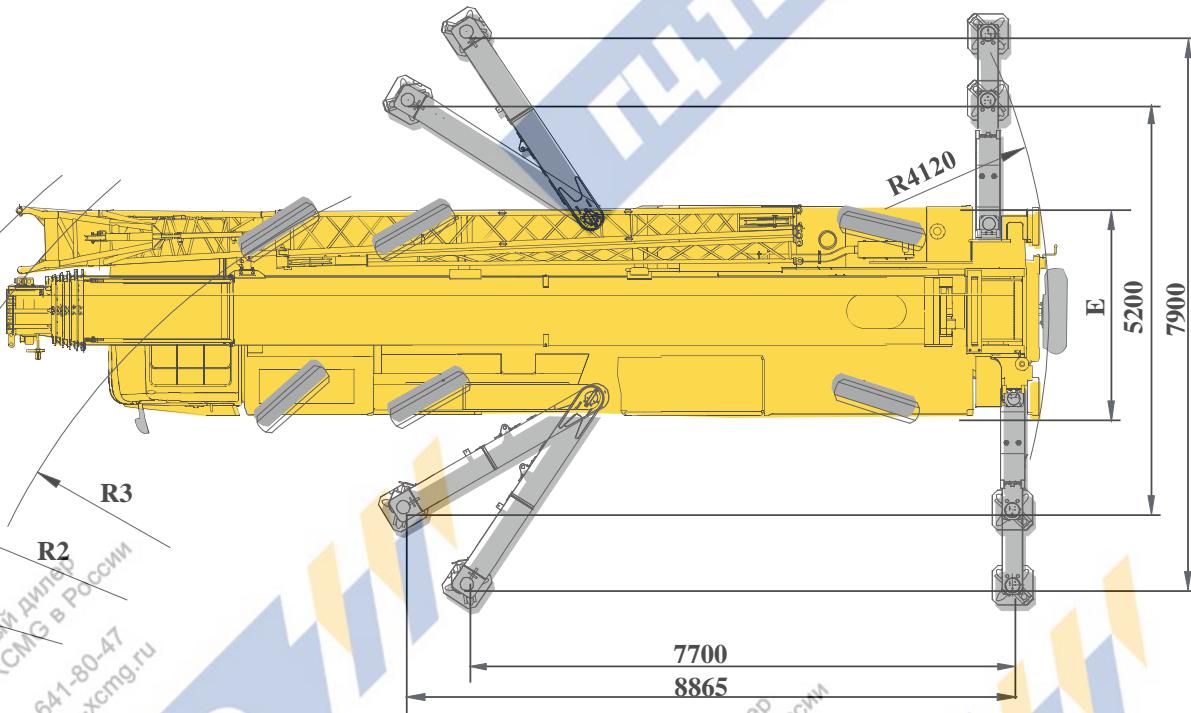
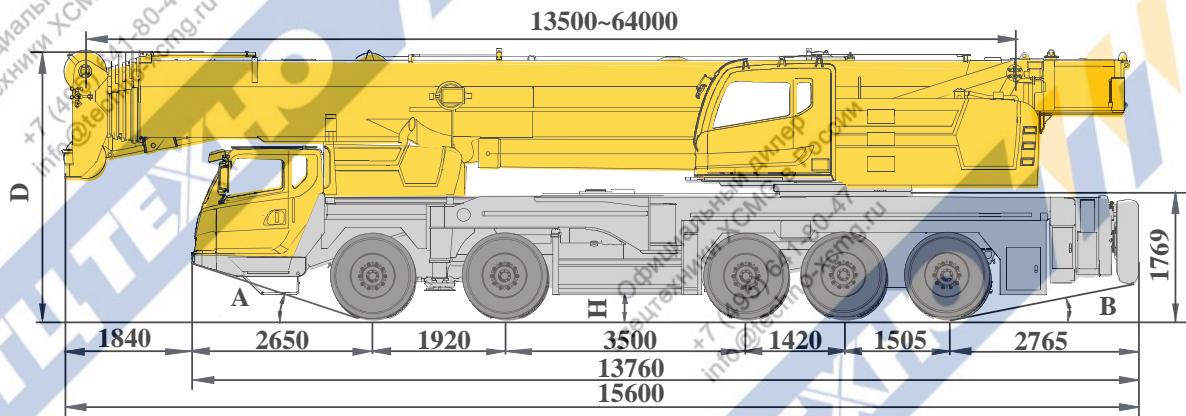
Content

目录 Content	
尺寸参数 Dimensions	3
技术规格 Product Specifications	4-6
重量/作业速度 Weight / Working speeds	7
平衡重 Counterweight	8
运输部件尺寸 Transportation components dimension	9
臂架组合方案 Boom / Jib combinations	10-11
主臂 Boom	12-16
副臂 Jib	17-19
主臂加长节 Telescopic boom extension	20-22
符号标识 Description of symbols	23
注意事项 Notes	24

尺寸参数

Dimensions

Официальный дилер
спецтехники XCMG в России
+7 (495) 641-80-47
info@techno-xcmg.ru



12.00R24-20PR*

A

B

D

E

R1

R2

R3

H

技术规格

Technical specifications

臂架系统

主臂 6节，“U”形截面的筒形焊接结构。单缸插销伸缩机构
主臂长度：13.5m ~ 64m。

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，但最大起重重量不超过7t。

固定副臂 两节侧置挂接桁架结构副臂，具有0°、15°、30°三种固定副臂安装角，收存在主臂旁。
固定副臂长度：10.6m/18.1m

选装配置

主臂加长节 选装2节7m主臂加长节

独立臂头 桁架式焊接结构，固定角度。
独立臂头长度：2.9m，

上车发动机 OM906LA.E3A/2，直列六缸水冷电控柴油发动机，戴姆勒制造，额定功率190kW/2200rpm，最大扭矩1000N.m/1200-1600rpm，国III排放标准。

底盘发动机 西安康明斯ISM11E5 440，直列六缸柴油发动机，额定功率/转速：324kw/1900rpm
最大输出扭矩/转速：2080N.m/1200rpm，国V排放标准。

底盘发动机 WP12.430N，直列六缸水冷电控柴油发动机，潍柴动力，额定功率316kW/1900rpm
最大扭矩2060Nm/1000-1400rpm，国III排放标准。

无线遥控装 可对起重机配重挂接动作进行远程操作，
置提高操作的方便性及安全性。

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



Chassis

Frame Designed and manufactured by XCMG, with all covered walking surface, anti-torsion box structure and optimal load-bearing structure design, made of imported high strength steel.

Outrigger 4 outriggers, K-shaped arrangement, lateral and vertical outrigger controlled by the hydro-draulic control. Both sides of the chassis equipped with electronic control console, the console installed with luminous level, lighting and speed buttons; outrigger cylinders equipped with one-way valve, and the vertical outrigger has two-way hydraulic lock. Float dimension: 473mm×608mm
Reaction force of outrigger at max. lifting load: 872KN

Engine WP12.430E50, in-line six-cylinder water-cooled EFI diesel engine, manufactured by WEICHAI POWER, rated power 316kW / 1900rpm, max. torque 2060N.m / 1000-1400rpm, the national V emission standards. Fuel tank capacity : 360L

Gearbox Electric controlled transmission imported from ALLISON American, with automatic AT control, equipped with retarded brake, with 6 forward gears and 1 reverse gears available

Transfercase Mechanical transfer box is originally imported from KESSLER Germany, which can transfer power to superstructure.

Alxes High-strength axles, four axles for driving: 10×8.

Suspension Leaf-spring balance suspension is used for front axles;
Leaf-spring balance suspension with double longitudinal arms is used for rear axles.

Tires 14 tires and 1 spare tire;
Tire specifications: 12.00R24-20PR*

Brakes Service brake: double-circuit air pressure brake, acting on all wheels.
Parking brake: spring energy brake, acting on wheels of 2-5 axles.
Auxiliary brake: engine retarded brake.

Steering system 1st and 2nd axles are mechanically steered plus fifth axial hydraulic servo

Cab New full-dimension enclosed cab, luxury and comfort. It is designed to be leakproof, anti-corrosive and shockproof. It is equipped with a windshield offering outstanding visibility, rear mirrors, electric control washer, electronic lifters of doors and windows, indoor air humidifier with windscreens defroster, air conditioner, radio cassette player, etc.

Electric 24V DC, negative ground, 2 batteries.

技术规格

Technical specifications



Superstructure

Frame

Designed and manufactured by XCMG; Full-covered walking platform, made of high-strength steel

Engine

WP6G240E330,Inline six-cylinder water-cooled and high pressure common rail diesel engine, manufactured by Weichai, rated power 176kW / 2300rpm, the maximum torque of 860Nm / 1200-1700rpm, state III emission standards; Fuel tank capacity : 280L.

Hydraulic system

Hydraulic pump: variable pump and gear pump driven by superstructure engine, used for hoisting, elevating, telescoping and slewing operation; Control valve: Load-sensitive proportional multi-way change valve, controlled by electric proportional pilot hydraulic oil. Oil tank capacity: about 1100 L.

Operating mode

All the movements of the crane is controlled by two control levers at left and right. Pilot electric-proportional control is used for controlling the superstructure with PLC integrated intelligent control technology and CAN-BUS control network. Besides normal control functions, it also has the functions such as real-time monitoring, fault automatic diagnosis, intelligent boom control, single-cylinder pinning control

Main winch system

Hydraulic control is used for speed regulation. The system is driven by a hydraulic motor through a planetary gear reducer, with a normally closed brake, balance valve and a grooved drum equipped.

Slewing system

Single-row four-point ball contact external tooth slewing ring is driven by the planetary gear reducer of slewing mechanism driven by a hydraulic motor, may continuously slew 360°. Power control or free slewing function is available, and the slewing speed may be infinitely regulated.

Elevating system

Single-cylinder elevating with boom gravity fall mode to save fuel.

Operator's cab

New fully-enclosed steel cab has better sealing and anti-corrosive properties and it's safe and comfortable to use. It is equipped with a full-view front window. Safety glass and sun shield are used for windows. The cab features a new ergonomic seat design with backrest adjustment and armrests with joysticks fitted. A sliding door and a pull-out step are available to make it easy and safe as access and egress the cab. Wipers are fitted for the windshield and roof window. Control panel with human-machine interactive system is used in operator's cab. The cab can be tilted up to 20°. Heating & air conditioning are available.

Safety devices

Hydraulic system: hydraulic balance valve, hydraulic relief valve, double-way hydraulic valve, etc. are available to make hydraulic system safe and stable.

The safety system includes display, central controller, length/angle sensor, over-winding switch, oil pressure sensor, etc.

Lowering limiter switch can make the drum maintain three circles of wire ropes at least.

Height limiter switch can make the lifting height within the max. limit.

Combined counterweight

Total weight is 40t. Counterweights of 0t, 12t, 19t, 30t, and 40t are available.

Boom system

Boom



6-section boom with U-shaped cross-section, welded structure.

Boom length: 13.5m ~ 64m.

Fitted at boom head, used for single line operation.

Jib

Two lattice jibs are stored besides the boom with 0°, 15° and 30° jib offset angles available. Jib length: 10.6m/18.1m

Additional equipment

Telescopic boom extension

independent jib head of 2.9m

Superstructure engine

OM906LA.E3A/2, Inline six-cylinder water-cooled EFI diesel engine, manufactured by Benz, rated power 190kW / 2200rpm, the maximum torque of 1000Nm / 1200-1600rpm, state III emission standards.

Chassis engine

Cummins (Xi'an)ISM11E5 440, 6 cylinders, diesel. Rated power/rpm: 324 kw/1900 rpm.

Rated torque/rpm: 2080 N.m/1200 rpm.

Emission standard: China V

Chassis Engine

WP12.430N, in-line six-cylinder water-cooled EFI diesel engine, manufactured by WEICHAI POWER, rated power 316kW / 1900rpm, max. torque 2060Nm / 1000-1400rpm, China III emission standards.

Wireless control device

wireless remote control counterweight erection.

Product parts details As mentioned above, please refer to the product quotation for specific parts.

重量 Weight

	车桥 Axe	1	2	3	4	5	总重量 Total weight
t	9.99	10	13	13	9	54.99	

吊钩 Hook	倍率 No. of lines	吊钩重量 Weight kg	吊钩尺寸 Dimension mm	备注 Remarks
110t	12	1017	1785×730×560	双钩 Double hook , 标配 Standard
60t	6	500	1514×730×306	单钩 Single hook , 标配 Standard
7t	1	256	731×426×426	单钩 Single hook , 标配 Standard

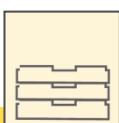
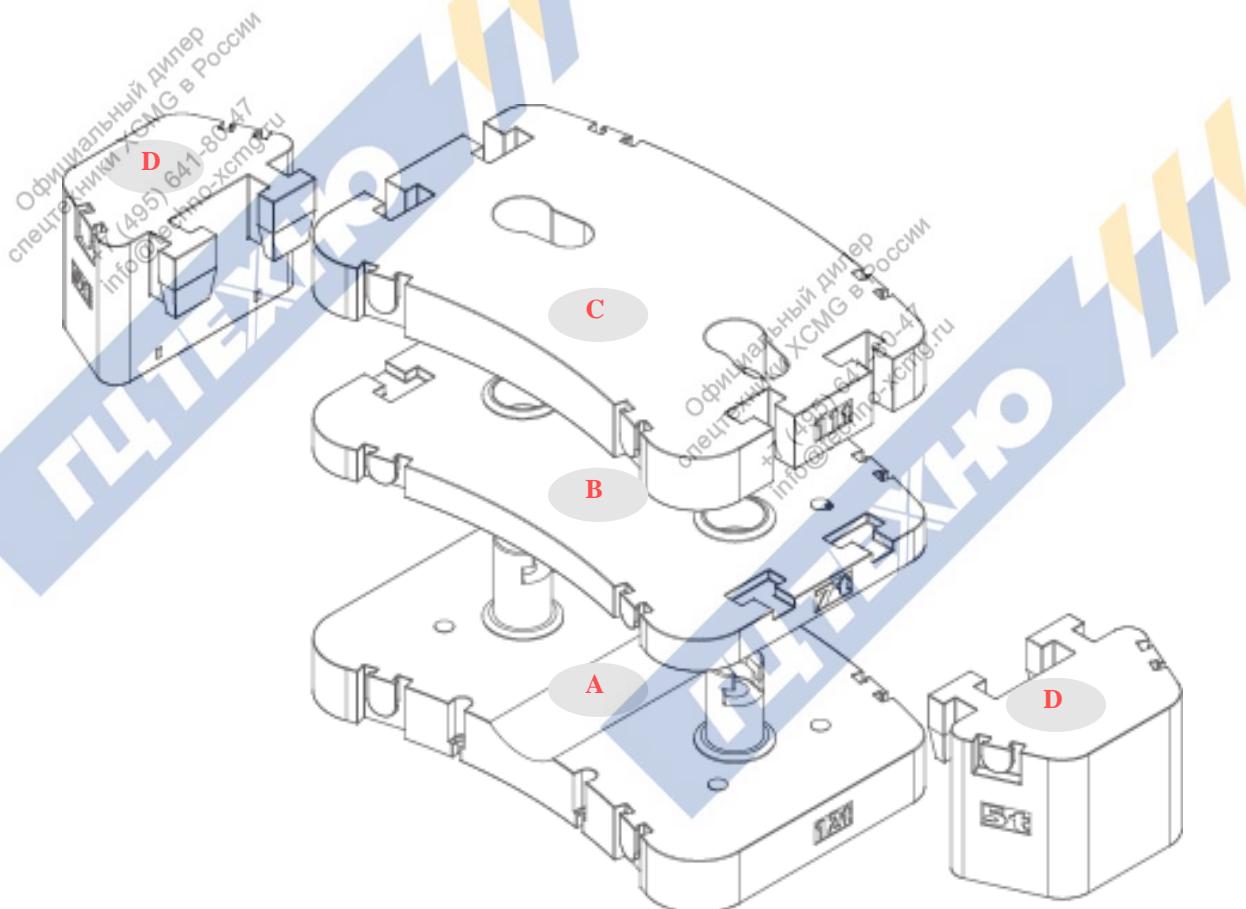
作业速度 Working speeds

			
12.00R24-20PR		3 ~ 90	45%

作业机构 Drive	作业速度 Working speed	最大单绳拉力 Max. single line pull	钢丝绳直径/长度 Rope diameter/ length
	0-135 m/min , 单绳 , 第四层 m/min, single line, 4th layer	104 kN	22 mm/265 m
	0-105 m/min , 单绳 , 第四层 m/min, single line, 4th layer	74 kN	22 mm/210 m
	0-2.0 r/min		
	从-1°抬起至81°约60s Approx. 60s for boom elevation from -1° to 81°		
	从13.5m伸出至64m约480s Approx. 480s for boom extension from 13.5m to 64m		

平衡重

Counterweight



平衡重
Counterweight

尺寸 (长×宽×高) m
Size (L×W×H) m
重量 t
Weight t

	A	B	C	D
	2995×2119×333	2995×2119×201	2995×2119×347	1459×960×881

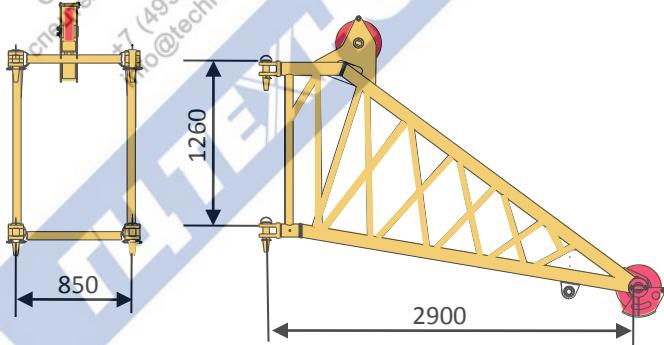
工况模式
Working mode

40t	30t	19t	12t	0t
A+B+C+D×2	A+B+C	A+B	A	0

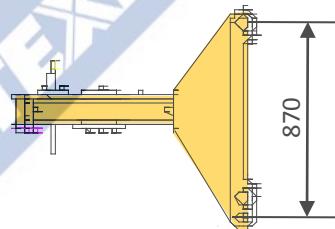
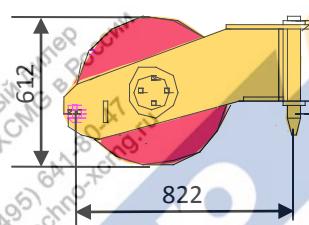
运输部件尺寸

Transportation components dimension

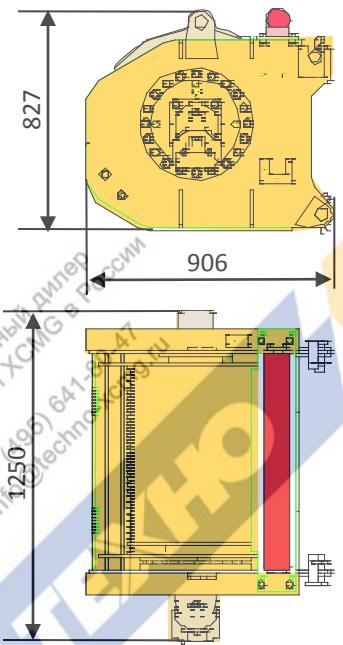
独立臂头 (选装) 431kg
Independent jib head (optional)



臂端单滑轮 107kg
Single top



副起升机构 (含钢丝绳) 1920kg
Auxiliary winch (rope included)



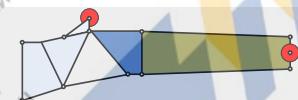
Официальный дилер
спецтехники XCMG в России
+7 (495) 641-80-47
info@techno-xcmg.ru

臂架组合方案

Boom / Jib combinations

副臂 – 10.6m

Jib – 10.6m



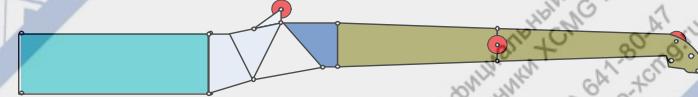
副臂 – 18.1m

Jib – 18.1m



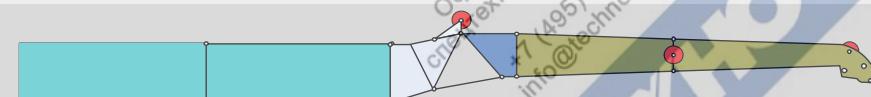
主臂加长节 – 25.1m

Telescopic boom extension – 25.1m



主臂加长节 – 32.1m

Telescopic boom extension – 32.1m



部件 Component	结构形式 Structure	尺寸(长×宽×高) mm Size (L×W×H) mm	重量 kg Weight kg
连接架 Connection bracket		1887×850×1260	320
旋转架 Swinging bracket		2750×700×1250	229
主臂加长节 Telescopic boom extension		7000×850×1260	516
一节副臂总成 First jib section assembly		7385×550×750	430
二节副臂总成 Second jib section assembly		6690×310×410	289

臂架组合方案

Boom / Jib combinations

Официальный дилер
спецтехники XCMG в России
+7 (495) 641-80-47
info@techno-xcmg.ru

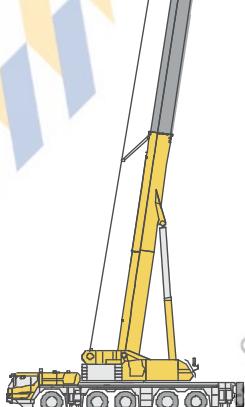
Спецтехно

Официальный дилер
спецтехники XCMG в России
+7 (495) 641-80-47
info@techno-xcmg.ru



主臂
Telescopic boom

T : 13.5~64m



副臂
Jib

T : 55.3~64m
J : 10.6m/18.1 m

Официальный дилер
спецтехники XCMG в России
+7 (495) 641-80-47
info@techno-xcmg.ru



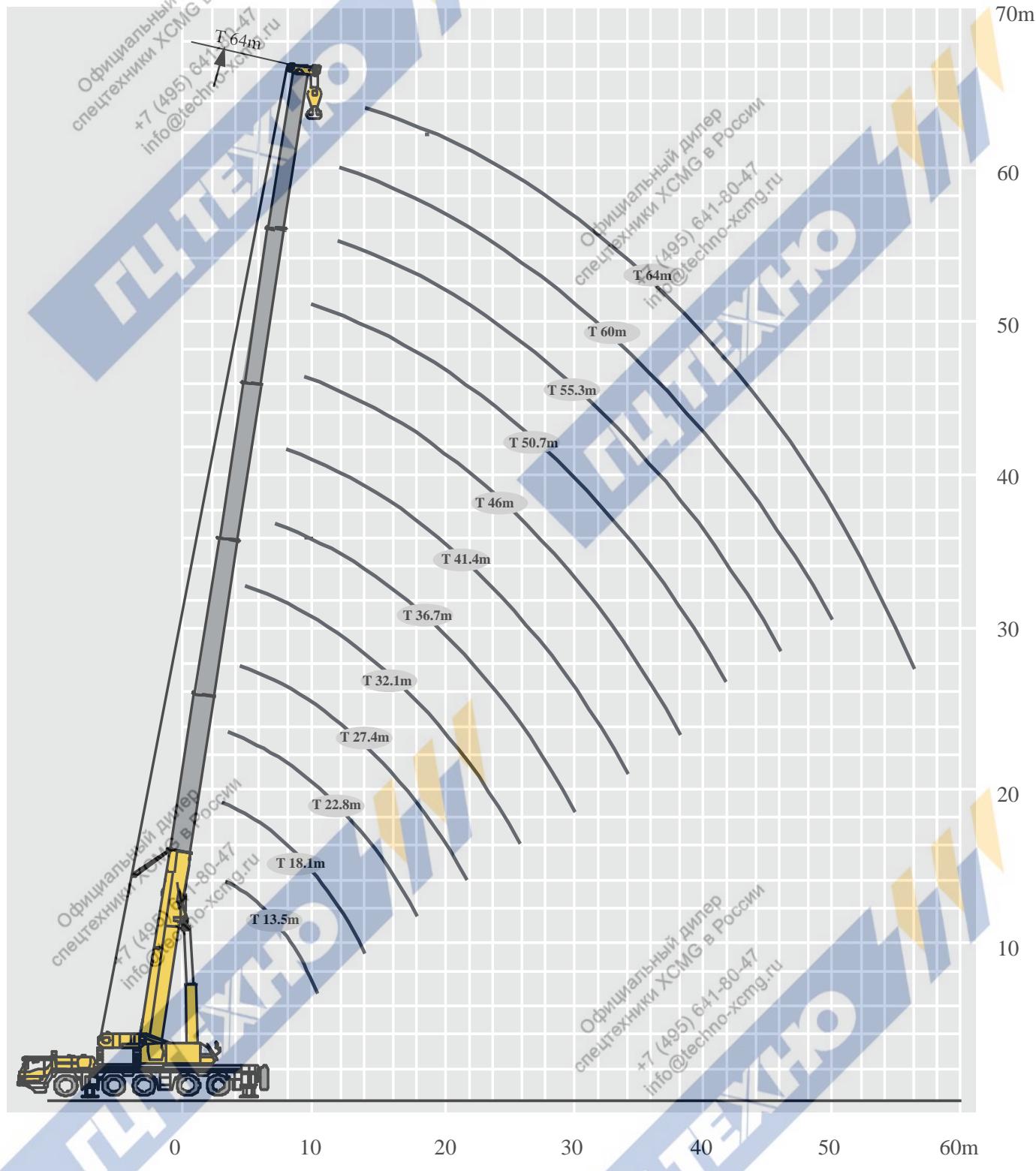
主臂加长节
Telescopic boom extension

T : 55.3~64m
I : 7m/14m
J : 18.1m

起升高度曲线图

Lifting heights

主臂
Boom



起重性能表

Lifting capacities

T 13.5~64m

	13.5-64m	7.7m×7.9m	360°	40t	13.5m	18.1m	18.1m	18.1m	22.8m	22.8m	22.8m	27.4m	27.4m	27.4m		
3	100.0	62.0			100.0											3
3.5	100.0	60.0			90	96			62.0	88.0	88.0					3.5
4	100.0	56.0			85	91			60.0	84.0	85.0	62.0	70.0	70.0		4
4.5	96.0	54.0			80	86			58.0	78.0	80.0	60.0	70.0	70.0		4.5
5	92.0	52.0			75	80			56.0	72.0	74.0	58.0	68.0	70.0		5
6	80.0	47.0			69	71			51.0	63.0	65.0	54.0	60.0	62.0		6
7	67.0	43.0			64	66			48.0	58.0	60.0	50.0	55.0	59.0		7
8	58.0	40.0			57	58			45.0	54.0	54.0	46.0	50.0	53.0		8
9	50.0	38.0			51	50			42.0	52.0	50.0	43.0	45.0	48.0		9
10	45.0	35.0			45	42			39.0	44.0	43.0	40.0	42.0	45.0		10
12					32.0	36.0	34.0		34.0	35.0	34.0	35.0	37.0	36.0		12
14					29.0	30.0	27.0		29.0	28.0	27.0	30.0	28.0	27.0		14
16									25.0	23.0	22.0	25.0	23.0	23.3		16
18									22.0	19.0	18.0	21.0	19.0	19.0		18
20												18.5	15.5	16.0		20
22												16.0	14.0	13.0		22
组合	00000	00001	00100	01000	00011	01100	11000	00111	02100	11000	00111	02100	11100	组合		

	32.1m	32.1m	32.1m	36.7m	36.7m	36.7m	41.4m	41.4m	41.4m	5	6	7	8	9	10		
5	60.0	60.0	53.0														5
6	55.0	60.0	48.0														6
7	50.0	55.0	45.0	44.0	45.5	45.5											7
8	45.0	50.0	42.0	40.0	45.5	42.0	33.0	37.0	30.0								8
9	44.0	46.0	40.0	36.5	43.0	40.0	31.0	34.5	30.0								9
10	40.0	42.0	37.0	34.0	41.0	37.0	29.0	33.5	30.0								10
12	39.0	37.0	34.0	30.0	37.0	32.0	26.3	30.0	30.5								12
14	32.0	30.0	29.0	26.0	31.0	28.0	23.8	26.5	27.0								14
16	26.0	24.5	23.0	23.0	25.0	23.0	21.6	24.0	23.5								16
18	21.8	20.0	19.0	21.0	20.5	19.5	19.5	21.0	20.5								18
20	18.5	17.0	15.9	18.0	17.5	16.5	18.0	17.5	17.0								20
22	16.0	14.5	13.4	15.5	15.0	14.0	16.0	15.0	14.5								22
24	14.0	12.5	11.4	13.5	13.0	12.0	13.5	13.0	12.5								24
26	12.3	10.9	9.7	12.0	11.5	10.9	12.0	11.5	11.0								26
28				10.5	10.0	8.5	10.5	10.0	9.5								28
30				9.4	9.0	7.7	9.5	8.9	8.4								30
32							8.5	7.5	7.0								32
34							7.3	6.8	6.5								34
组合	01111	11110	21100	02111	11111	21110	11112	12111	21111	组合							

起重性能表

Lifting capacities

T 13.5~64m

	46m	46m	46m	50.7m	50.7m	50.7m	55.3m	55.3m	60m	64m	
9	25.0	30.0	30.0	22.5	24.5	25.0	19.0	19.0	17.0	13.0	9
10	24.6	28.0	27.5	22.5	24.5	25.0	18.0	18.5	17.0	12.5	10
12	22.0	26.0	25.5	21.0	23.5	24.0	16.9	17.6	15.0	12.0	12
14	19.8	24.5	24.0	19.0	21.0	21.5	15.1	15.7	14.1	12.0	14
16	17.9	22.0	21.7	17.5	19.0	19.5	14.0	14.0	12.7	11.0	16
18	16.4	19.8	19.4	16.0	17.0	17.5	13.6	14.0	11.5	10.0	18
20	15.0	17.9	17.3	14.5	15.0	15.5	12.5	12.7	10.5	9.5	20
22	13.9	15.4	14.8	13.5	14.0	14.3	11.3	11.5	9.6	8.7	22
24	12.9	13.4	12.8	12.5	12.8	13.0	10.4	10.5	8.8	8.0	24
26	12.0	11.7	11.1	11.8	11.6	11.0	9.6	9.6	6.8	6.2	26
28	11.1	10.3	9.6	10.5	10.0	9.5	8.9	8.8	5.8	5.3	28
30	9.8	9.0	8.4	9.8	9.0	8.5	7.6	7.8	4.9	4.5	30
32	8.8	7.9	7.3	8.5	8.0	7.5	6.9	7.8	4.6	4.2	32
34	7.8	7.0	6.4	7.8	7.0	6.5	6.2	6.9	4.2	4.0	34
36	7.0	6.2	5.6	7.0	6.5	5.5	5.6	6.1	4.0	3.7	36
38	6.3	5.5	4.9	6.4	5.5	5.0	5.6	5.4	3.6	3.3	38
40				5.7	5.2	4.5	5.0	4.8	3.3	3.0	40
42				5.2	4.6	3.9	5.0	4.2	3.0	2.8	42
44							4.5	3.7	2.5	2.2	44
46							4.0	3.3	2.5	2.2	46
48									3.2	3.0	48
50									2.8	2.9	50
52										2.5	52
54										2.2	54
组合	11122	12211	22111	11222	12221	22211	12222	22221	22222	33333	组合

Официальный дилер
спецтехники XCMG в России
+7 (495) 641-80-47
info@techno-xcmg.ru

Официальный дилер
спецтехники XCMG в России
+7 (495) 641-80-47
info@techno-xcmg.ru

起重性能表

Lifting capacities

T 13.5~64m

	13.5-64m	7.7m×7.9m	360°	0t	13.5m	18.1m	18.1m	18.1m	22.8m	22.8m	22.8m	27.4m	27.4m	27.4m		
3	100.0	62.0		95.0	90.0											3
3.5	100.0	60.0		85.0	80.0	62.0	88.0	88.0								3.5
4	90.0	56.0		80.0	75.0	60.0	84.0	85.0	62.0	70.0	70.0	70.0	70.0	70.0	4	
4.5	85.0	54.0		75.0	70.0	56.0	78.0	80.0	60.0	70.0	70.0	70.0	70.0	70.0	4.5	
5	82.5	52.0		70.0	65.0	56.0	72.0	74.0	58.0	68.0	70.0	70.0	70.0	70.0	5	
6	49.7	47.0		51.2	50.1	51.0	51.2	48.9	54.0	51.1	50.0	50.0	50.0	50.0	6	
7	34.7	37.3		35.9	34.9	38.3	35.9	33.9	38.5	35.8	34.9	34.9	34.9	34.9	7	
8	23.5	26.5		24.9	23.8	27.8	24.9	22.7	28.0	24.8	23.8	23.8	23.8	23.8	8	
9	17.1	19.7		18.3	17.3	20.8	18.3	16.4	20.9	18.3	17.3	17.3	17.3	17.3	9	
10	12.9	15.4		14.1	13.2	16.3	14.0	12.3	16.5	14.0	13.2	13.2	13.2	13.2	10	
12		10.0		8.9	8.2	10.9	8.9	7.4	11.1	8.8	8.2	8.2	8.2	8.2	12	
14		7.0		5.9	5.2	7.7	6.0	4.5	7.8	5.9	5.2	5.2	5.2	5.2	14	
16						5.7	3.9	2.6	5.8	3.9	3.3	3.3	3.3	3.3	16	
18						4.3	2.6	1.3	4.3	2.6	2.0	2.0	2.0	2.0	18	
20									3.2	1.5	0.9	0.9	0.9	0.9	20	
22									2.4						22	
组合	00000	00001	00100	01000	00011	01100	11000	00111	02100	11100	组合					

	32.1m	32.1m	32.1m	36.7m	36.7m	36.7m	41.4m	41.4m	41.4m							
5	60.0	60.0	53.0													5
6	53.8	51.3	48.0													6
7	38.1	36.0	34.2	37.7	37.1	35.2										7
8	27.5	25.1	23.0	27.1	26.3	24.1	27.3	26.1	25.4							8
9	20.6	18.4	16.7	20.2	19.6	17.7	20.4	19.4	18.8							9
10	16.1	14.2	12.6	15.8	15.1	13.5	16.0	15.0	14.5							10
12	10.7	9.0	7.7	10.5	9.9	8.4	10.5	9.8	9.3							12
14	7.6	6.0	4.8	7.3	6.8	5.4	7.5	6.7	6.3							14
16	5.5	4.1	2.8	5.3	4.8	3.6	5.4	4.7	4.3							16
18	4.1	2.6	1.5	3.8	3.4	2.2	3.9	3.3	2.9							18
20	3.0	1.6		2.7	2.3	1.2	2.9	2.2	1.9							20
22	2.1			2.0	1.5		2.0	1.4	1.0							22
24	1.4				1.3											24
组合	01111	11110	21100	02111	11111	21110	11112	12111	21111	组合						

起重性能表

Lifting capacities

T 13.5~64m

	46m	46m	46m	50.7m	50.7m	50.7m	55.3m	55.3m	60m	64m	
9	20.8	19.6	18.7								9
10	16.3	15.2	14.4	16.4	15.6	14.6					10
12	11.0	9.9	9.2	11.0	10.4	9.4	10.8	9.9	10.3		12
14	7.7	6.9	6.2	7.8	7.2	6.4	7.7	6.8	7.2	7.2	14
16	5.7	4.8	4.3	5.8	5.2	4.4	5.6	4.8	5.2	5.2	16
18	4.3	3.4	2.8	4.3	3.7	3.0	4.2	3.3	3.7	3.7	18
20	3.1	2.4	1.8	3.2	2.6	2.0	3.1	2.3	2.6	2.7	20
22	2.3	1.5	1.0	2.4	1.9	1.2	2.2	1.4	1.8	1.9	22
24	1.6			1.7	1.2		1.5		1.2	1.2	24
26	1.1			1.1			1.0				26
组合	11122	12211	22111	11222	12221	22211	12222	22221	22222	33333	组合

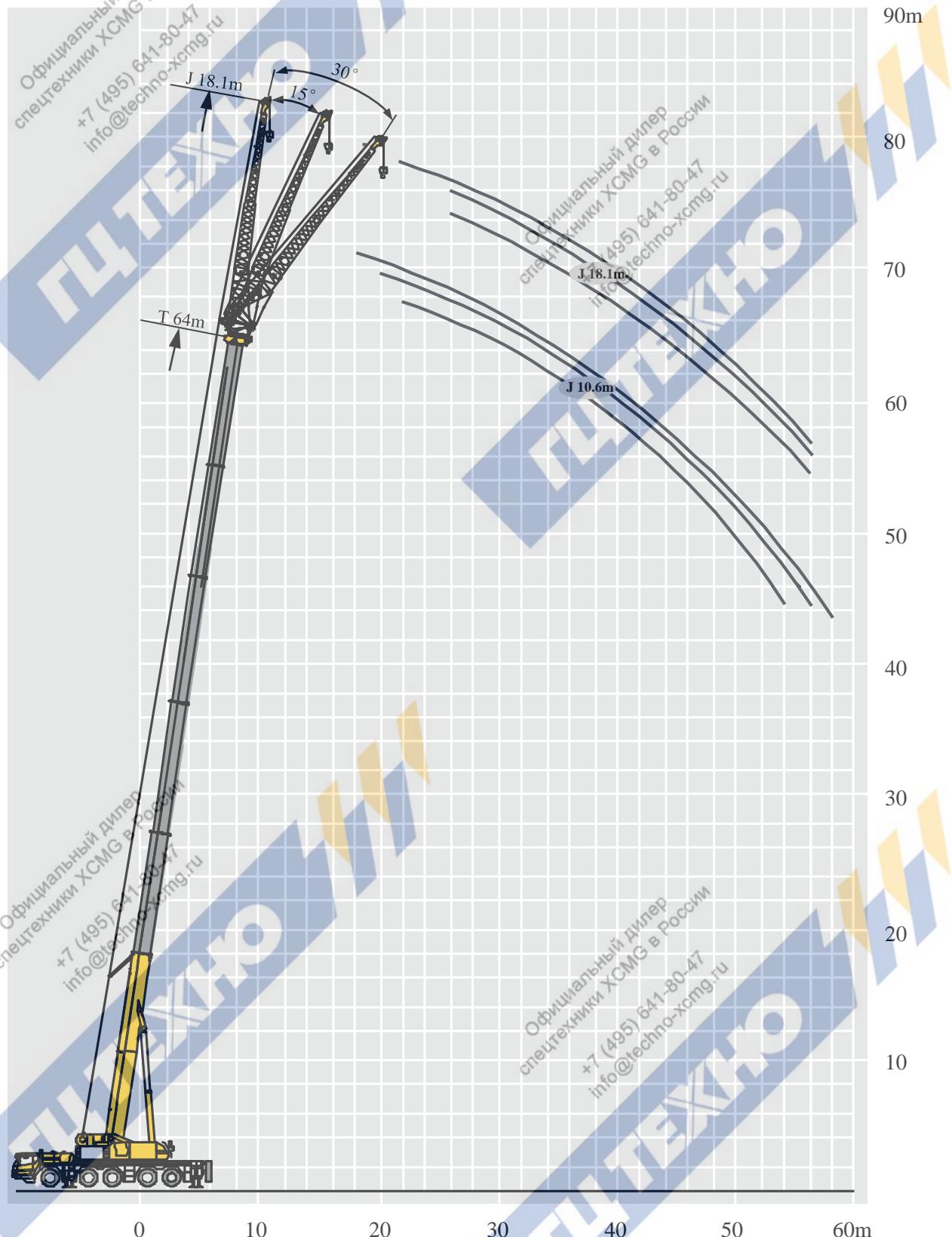
Официальный дилер
спецтехники XCMG в России
+7 (495) 641-80-47
info@techno-xcmg.ru

Официальный дилер
спецтехники XCMG в России
+7 (495) 641-80-47
info@techno-xcmg.ru

起升高度曲线图

Lifting heights

副臂
Jib



起重性能表

Lifting capacities

J 10.6m/18.1 m

	55.3m	10.6m	7.7m×7.9m	360°	60 m	40t	64 m			
	0°	15°	30°	0°	15°	30°	0°	15°	30°	
16	7.0									16
18	7.0	5.5		7.0			6.8			18
20	6.5	5.2	3.6	6.5	5.1		6.5	5.0		20
22	6.0	4.9	3.3	6.0	4.8	3.3	6.0	4.8	3.3	22
24	5.7	4.7	3.3	5.6	4.6	3.2	5.5	4.6	3.2	24
26	5.5	4.4	3.2	5.5	4.4	3.2	5.4	4.4	3.2	26
28	5.2	4.2	3.2	5.2	4.2	3.2	5.2	4.2	3.2	28
30	5.0	4.0	3.0	5.0	4.0	3.0	5.0	4.0	3.0	30
32	4.6	3.9	3.0	4.6	3.8	3.0	4.5	3.8	3.0	32
34	4.4	3.7	2.8	4.2	3.6	2.8	4.4	3.6	2.8	34
36	4.1	3.6	2.8	4.0	3.6	2.8	4.0	3.6	2.8	36
38	4.0	3.5	2.7	3.9	3.5	2.6	3.8	3.5	2.6	38
40	3.8	3.4	2.7	3.6	3.4	2.6	3.5	3.4	2.6	40
42	3.6	3.3	2.7	3.5	3.2	2.6	3.2	3.1	2.5	42
44	3.3	3.2	2.5	3.3	3.2	2.5	2.9	2.8	2.5	44
46	3.2	3.1	2.5	3.0	2.9	2.5	2.6	2.5	2.3	46
48	3.0	3.0	2.5	2.8	2.7	2.4	2.3	2.2	2.1	48
50	2.6	2.7	2.4	2.5	2.4	2.2	2.1	2.0	1.8	50
52	2.2	2.4	2.3	2.3	2.2	2.0	1.9	1.8	1.6	52
54	1.9	2.0	2.0	2.1	1.9	1.7	1.7	1.6	1.4	54
56				1.9	1.7	1.5	1.5	1.3	1.3	56
58				1.6	1.5	1.3	1.2			58
组合	22221			22222			33333			组合

	55.3m	18.1m	7.7m×7.9m	360°	60 m	40t	64 m			
	0°	15°	30°	0°	15°	30°	0°	15°	30°	
20	3.6			3.5						20
22	3.3	2.8		3.3			3.2			22
24	3.2	2.7		3.2	2.7		3.2			24
26	3.0	2.5	1.9	3.0	2.6		3.0	2.6		26
28	3.0	2.4	1.8	2.8	2.5	1.8	2.8	2.5	1.8	28
30	2.8	2.3	1.8	2.6	2.3	1.8	2.6	2.4	1.8	30
32	2.6	2.2	1.7	2.6	2.2	1.7	2.5	2.2	1.7	32
34	2.4	2.0	1.6	2.4	2.0	1.7	2.4	2.0	1.7	34
36	2.4	2.0	1.6	2.4	2.0	1.6	2.3	1.8	1.6	36
38	2.2	2.0	1.6	2.2	1.8	1.6	2.2	1.8	1.6	38
40	2.2	1.8	1.5	2.2	1.8	1.5	2.2	1.8	1.6	40
42	2.2	1.8	1.5	2.0	1.8	1.5	2.2	1.8	1.5	42
44	2.2	1.7	1.4	2.0	1.8	1.5	2.0	1.8	1.5	44
46	2.0	1.7	1.4	2.0	1.7	1.5	2.0	1.6	1.5	46
48	2.0	1.6	1.4	2.0	1.6	1.4	2.0	1.6	1.4	48
50	1.9	1.6	1.4	1.8	1.6	1.4	1.8	1.6	1.4	50
52	1.9	1.5	1.4	1.8	1.6	1.4	1.8	1.6	1.4	52
54	1.8	1.5	1.3	1.8	1.6	1.4	1.6	1.6	1.4	54
56	1.7	1.5	1.3	1.8	1.5	1.4	1.4	1.4	1.3	56
58	1.7	1.4	1.3	1.6	1.5	1.3				58
60	1.5	1.4	1.3	1.5	1.4	1.3				60
62	1.3	1.4	1.3	1.3	1.2					62
组合	22221			22222			33333			组合

起重性能表

Lifting capacities

J 10.6m/18.1 m

	55.3-64m 55.3m	10.6m	7.7m×7.9m	360° 60 m	19t	64 m			
	0°	15°	30°	0°	15°	30°	0°	15°	30°
16	7.0								
18	7.0	5.5		7.0			6.8		
20	6.5	5.2	3.6	6.5	5.1		6.5	5.0	
22	6.0	4.9	3.3	6.0	4.8	3.3	6.0	4.8	3.3
24	5.7	4.7	3.3	5.6	4.6	3.2	5.5	4.6	3.2
26	5.2	4.4	3.2	5.5	4.4	3.2	5.4	4.4	3.2
28	4.3	4.2	3.2	4.6	4.2	3.2	4.5	4.2	3.2
30	3.6	4.0	3.0	3.9	4.0	3.0	3.8	4.0	3.0
32	3.0	3.3	3.0	3.2	3.5	3.0	3.2	3.5	3.0
34	2.4	2.7	2.8	2.7	3.0	2.8	2.6	2.9	2.8
36	2.0	2.3	2.4	2.2	2.4	2.7	2.2	2.4	2.7
38	1.5	1.8	2.0	1.8	2.0	2.3	1.7	2.0	2.2
40	1.2	1.4	1.5	1.4	1.6	1.8	1.4	1.6	1.8
42		1.0	1.2	1.1	1.3	1.4	1.0	1.3	1.4
44						1.1			1.1
组合		22221		22222			33333		组合

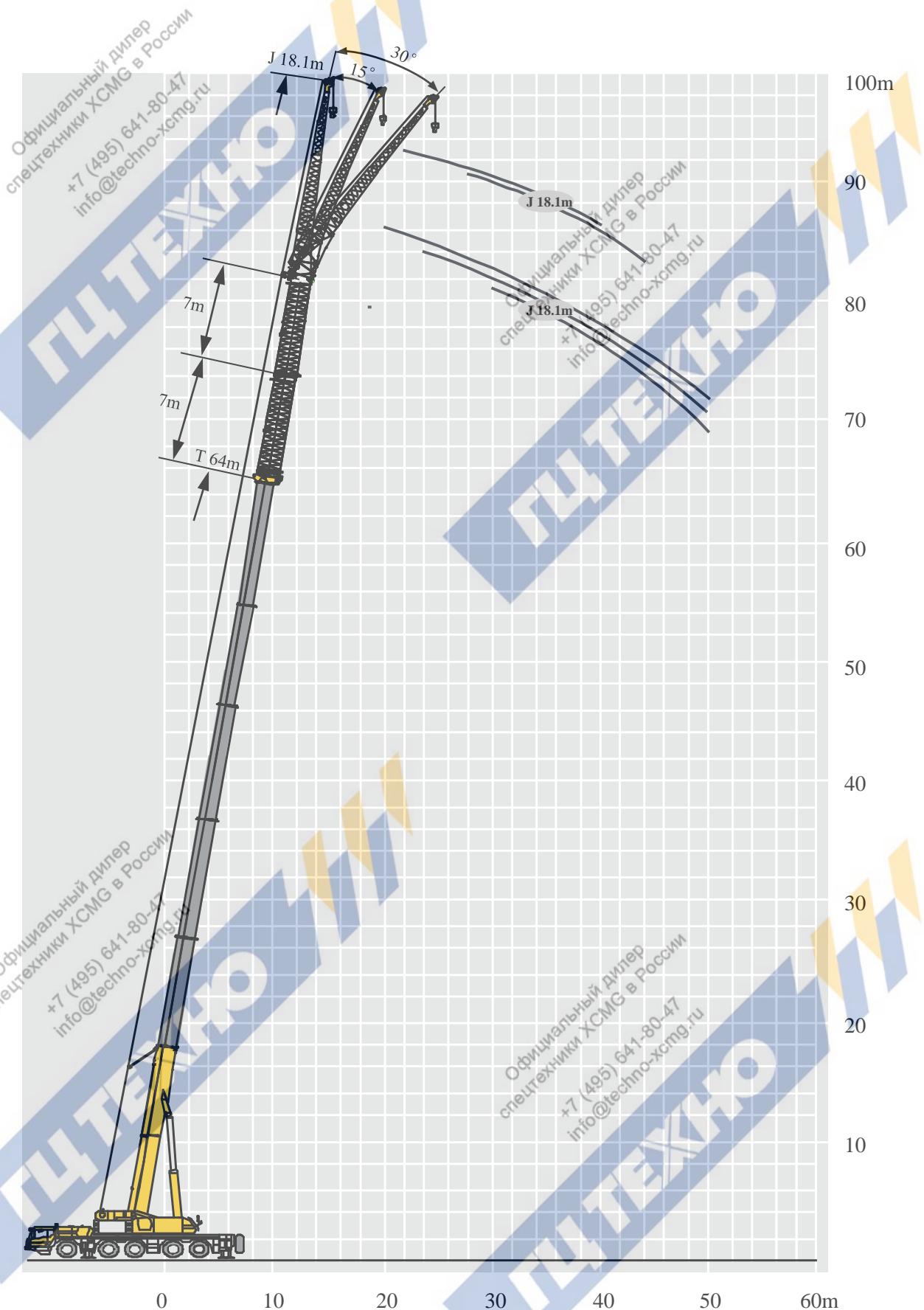
	55.3-64m 55.3m	18.1m	7.7m×7.9m	360° 60 m	19t	64 m			
	0°	15°	30°	0°	15°	30°	0°	15°	30°
20	3.6			3.5					
22	3.3	2.8		3.3			3.2		
24	3.2	2.7		3.2	2.7		3.2		
26	3.0	2.5	1.9	3.0	2.6		3.0	2.6	
28	3.0	2.4	1.8	2.8	2.5	1.8	2.8	2.5	1.8
30	2.8	2.3	1.8	2.6	2.3	1.8	2.6	2.4	1.8
32	2.6	2.2	1.7	2.6	2.2	1.7	2.5	2.2	1.7
34	2.4	2.0	1.6	2.4	2.0	1.7	2.4	2.0	1.7
36	2.3	2.0	1.6	2.4	2.0	1.6	2.3	1.8	1.6
38	1.9	2.0	1.6	2.1	1.8	1.6	2.1	1.8	1.6
40	1.5	1.8	1.5	1.7	1.8	1.5	1.6	1.8	1.6
42	1.2	1.6	1.5	1.4	1.8	1.5	1.4	1.7	1.5
44		1.3	1.4	1.1	1.4	1.1	1.5	1.4	1.5
46		1.0	1.3		1.1	1.4	1.4	1.1	1.4
48						1.1			1.1
组合		22221		22222			33333		组合

起升高度曲线图

Lifting heights

主臂加长节

Telescopic boom extension



起重性能表

I 7m/14m

Lifting capacities

	55.3-64m	18.1m	7.7m×7.9m	360°	40t	55.3+7 m	60+7 m	64+7 m	
	0°	15°	30°	0°	15°	30°	0°	15°	30°
16	2.6								16
18	2.5			2.4					18
20	2.3			2.2				2.2	20
22	2.2			2.1				2.1	22
24	2.2	2.2		2.1	2.0		2.0	2.2	24
26	2.1	2.0		2.0	2.0		2.0	2.0	26
28	2.1	2.0		2.0	2.0		2.0	2.0	28
30	2.1	2.0	1.8	2.0	2.0	1.8	2.0	1.8	30
32	2.0	2.0	1.7	1.8	1.8	1.8	2.0	1.7	32
34	1.8	1.8	1.7	1.8	1.8	1.7	1.8	1.7	34
36	1.8	1.8	1.7	1.8	1.8	1.7	1.6	1.8	36
38	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.8	38
40	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	40
42	1.6	1.6	1.5	1.6	1.6	1.6	1.4	1.6	42
44	1.6	1.6	1.5	1.4	1.6	1.4	1.4	1.6	44
46	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	46
48	1.4	1.4	1.4	1.4	1.4	1.2	1.2	1.4	48
50	1.4	1.4	1.2	1.2	1.2	1.2	1.2	1.4	50
52	1.2	1.2	1.2	1.2	1.2	1.2			52
54	1.2	1.2	1.2	1.2	1.2	1.0			54
56	1.2	1.2	1.0	1.0	1.0				56
58	1.0	1.0	1.0						58
60	1.0	1.0	1.0						60
62	1.0								62
组合		22221			22222			33333	组合

	55.3-64m	18.1m	7.7m×7.9m	360°	40t	55.3+14m	60+14 m	64+14 m	
	0°	15°	30°	0°	15°	30°	0°	15°	30°
20	1.7								20
22	1.6			1.6			1.5		22
24	1.6			1.5			1.5		24
26	1.4	1.4		1.4	1.3		1.4		26
28	1.4	1.2		1.4	1.2		1.4	1.2	28
30	1.4	1.2		1.4	1.2		1.2	1.1	30
32	1.2	1.2		1.2	1.1		1.2	1.1	32
34	1.2	1.1		1.2	1.1		1.2	1.1	34
36	1.2	1.1		1.2	1.1		1.0	1.1	36
38	1.2	1.1		1.0	1.1		1.0	1.0	38
40	1.0	1.1		1.0	1.0		1.0	1.0	40
42	1.0	1.0		1.0	1.0		1.0	1.0	42
44	1.0	1.0		1.0	1.0		1.0	1.0	44
46		1.0							46
组合		22221			22222			33333	组合

起重性能表

I 7m/14m

Lifting capacities

	55.3-64m	18.1m	7.7m×7.9m	360°	19t	55.3+7 m	60+7 m	64+7 m	
	0°	15°	30°	0°	15°	30°	0°	15°	30°
16	2.6								16
18	2.5			2.4					18
20	2.3			2.2			2.2		20
22	2.2			2.1			2.1		22
24	2.2	2.2		2.1	2.0		2.0	2.2	24
26	2.1	2.0		2.0	2.0		2.0	2.0	26
28	2.1	2.0		2.0	2.0		2.0	2.0	28
30	2.1	2.0	1.8	2.0	2.0	1.8	1.8	2.0	30
32	2.0	2.0	1.7	1.8	1.8	1.8	1.8	2.0	32
34	1.8	1.8	1.7	1.8	1.8	1.7	1.8	1.8	34
36	1.8	1.8	1.7	1.8	1.8	1.7	1.6	1.8	36
38	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.8	38
40	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	40
42	1.5	1.6	1.5	1.6	1.6	1.6	1.4	1.6	42
44	1.3	1.6	1.5	1.4	1.6	1.4	1.3	1.6	44
46		1.3	1.4	1.1	1.4	1.4	1.0	1.4	46
48		1.0	1.3		1.1	1.2		1.1	48
50			1.0			1.1		1.1	50
组合	22221			22222			33333		组合

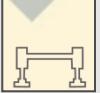
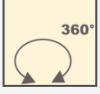
	55.3-64m	18.1m	7.7m×7.9m	360°	19t	55.3+14m	60+14 m	64+14 m	
	0°	15°	30°	0°	15°	30°	0°	15°	30°
20	1.7								20
22	1.6			1.6			1.5		22
24	1.6			1.5			1.5		24
26	1.4	1.4		1.4	1.3		1.4		26
28	1.4	1.2		1.4	1.2		1.4	1.2	28
30	1.4	1.2		1.4	1.2		1.2	1.1	30
32	1.2	1.2		1.2	1.1		1.2	1.1	32
34	1.2	1.1		1.2	1.1		1.2	1.1	34
36	1.2	1.1		1.2	1.1		1.0	1.1	36
38	1.2	1.1		1.0	1.1		1.0	1.0	38
40	1.0	1.1		1.0	1.0		1.0	1.0	40
42	1.0	1.0		1.0	1.0			1.0	42
44	1.0	1.0			1.0			1.0	44
46		1.0							46
组合	22221			22222			33333		组合

符号标识

Description of symbols

常规标识

General symbols

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

注意事项

Notes

- 表中额定总起重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。
- 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。
- 只允许在5级(瞬时风速14.1m/s，风压125N/m²)风以下进行作业。
- 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。
- 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。
- 表中的主臂长度应要按照每节臂的伸缩要求进行伸出。

- The total rated loads given in the rated load charts are the maximum lifting capacity when the crane is set up on firm and level ground, which includes the weight of the hook block and slings. The weight of above-mentioned devices should be deducted to correctly calculate the load weight.
- 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.
- 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).
- 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.
- 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.
- The boom length given in the rated load charts should accord with the telescoping code of boom sections .