QY60KH汽车起重机/Truck Crane





60t



45.5m



62m



产品特征号:B

Product feature code: B

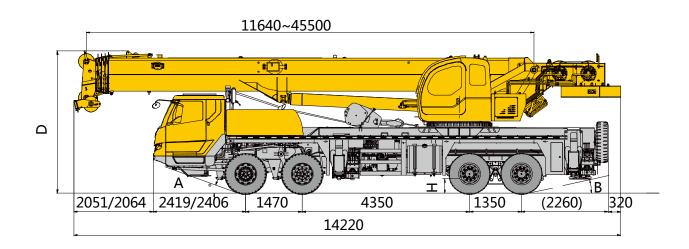
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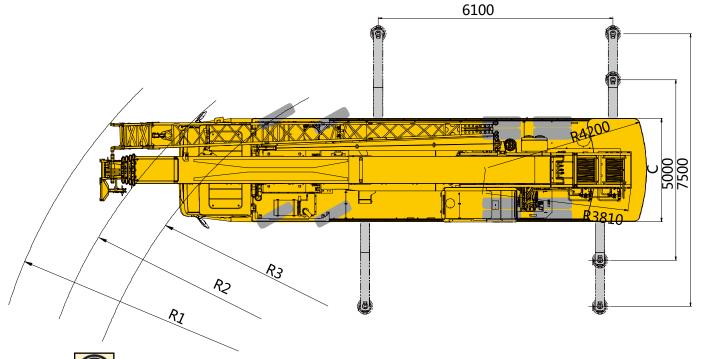


目录 Contents

尺寸参数 Dimensions	5
技术规格 Technical specifications	6-9
重量/作业速度 Weight / Working speeds	10
平衡重 Counterweight	11
臂架组合方案 Boom / Jib combinations	12
主臂 Boom	13-15
副臂 Jib	16-17
符号标识 Description of symbols	18
主要技术参数表 Table of main technical parameters	19-20
注意事项 Notes	21

尺寸参数 Dimensions





	A	В	с	D	R1	R2	R3	н
12.00R22.5 ; 315/80R22.5	11.5°	13°	2700	3590	15000	13400	12000	266

备注:

当配置齐星驾驶室时,前伸:2051mm,前悬为2419mm;

当配置徐工汽车驾驶室时,前伸:2064mm,前悬为2406mm。

Remark

Front extension: 2051 mm, front overhang: 2419 mm (when equipped with Qixing driver's cab);

Front extension: 2064 mm, front overhang: 2406 mm (when equipped with XCMG Automobile driver's cab).

技术规格 Technical specifications

-34	底盘	
车架	徐工设计、制造,全覆盖式走台板,防扭转箱	
	型结构,高强度钢材制造。	
支腿	4支腿,H形布置,采用双级水平支腿,水平	
	伸缩和垂直伸缩由液压控制,底盘两侧装有手	
	动操纵手柄, 且装有水平仪、照明灯和调速按	
	钮,且垂直支腿带有液压双向锁。	
	支脚盘尺寸:φ450mm	
	最大起重量时支腿反力:513kN	
发动	SC9DF340Q5,直列六缸水冷电控柴油发动	
机	机,额定功率251kW/1900rpm,最大扭矩	
	1450Nm/ (1100~1400) rpm;	
	最大基准扭矩:1450N.m;国五排放标准。	
	燃油箱容积:360L;	
	尿素箱容积:35L。	
变速	法士特9档变速箱,机械操纵,带同步器。	
箱		
车桥	高强度车桥,1,2桥转向,3,4桥驱动。	

悬挂	前桥采用钢板弹簧。后桥采用橡胶弹簧悬架加 V型推力杆结构,增加底盘行驶稳定性。	•
轮胎	12个轮胎,1个备胎,1、2桥单胎,3、4桥 双胎 1、2桥轮胎规格:315/80R22.5 3、4桥轮胎规格:12R22.5	•
制动	行车制动:双回路气压制动,作用于所有车轮,驻车制动:弹簧储能制动,作用于2,3,4轴车轮。 辅助制动:发动机排气制动和缓速制动。	•
转向	1、2桥机械转向+液压助力。	
驾驶室	配置大视野的前挡风安全玻璃、电动雨刮器, 电动玻璃升降器,带有冷暖空调,可实现吹面 吹脚,除霜、除雾功能,带有收放机等。主驾 采用机械减震式座椅,满足人员的操纵舒适性 及乘坐方便性需求,副驾单人座椅。 配1kg灭火器。	•
电气 系统	直流24V,串联12V的电池组2个。	•
防火 帽	安装在催化消声器上,防止排出废气产生火焰.	0
旋转	设警灯	0

技术规格

Technical specifications

Tec	chnical specifications	
	<mark>上车</mark>	
结构	徐工设计、制造,高强度钢材制造。	
	底盘发动机通过变速箱驱动齿轮泵用于起升、变幅、伸缩、回转动作。专用节流负载敏感设计,系统最低流量更稳定,系统刚度更合理,作业微动性、平顺性更突出;采用分合流技术,起升、变幅、伸缩双泵合流;风冷式液压油散热器。 液压油箱容积:880L	•
操纵	先导液比例操纵,无级调速,由左右2个操	
方式	纵手柄控制。	
	双折线绳槽卷筒,由液压马达驱动,内置 行星齿轮速器和常闭式制动器,并带有平 衡阀。主、副起升机构独立操作。	•
回转	单排四点接触球外齿式回转支承,由液压	
机构	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。	•
回转	長警灯	0
变幅 机构	单支双作用前置液压变幅油缸,带有平衡阀。	•
操纵 室	新型钢制操纵室,装有前景窗,安全玻璃, 车窗装有遮阳板,操纵员座椅靠背可倾斜 定位,操纵杆安装在座椅两侧的扶手台上, 带前窗、顶窗装有雨刮器。	•
空调	单冷空调	
电气 系统	直流24V,2个电池串联。	•
	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;	•
力矩	当实际力矩接近过载时,发出听视觉警报,	

并在过载之前自动停止危险动作。具有超

载记忆功能(黑匣子)和故障自诊断功能。

起重	60t钩	
钩	35t钩	0
14	5t钩	
平衡重	总重9.5t , 有9.5t、5t共2种组合方式。	•
主臂	主臂长度:11.6m~45.5m	
	由1节基本臂和4节伸缩臂组成 , "U" 形截	
	面的筒形焊接结构,高强度结构钢制造,	
	双缸绳排伸缩机构。	
副臂	副臂长度:9.5m/16m	
	一节桁架+二节箱型结构,具有0°、15°、	
	30°三种固定副臂安装角	
臂端	单滑轮,安装在主臂顶端用于单股钢丝绳起	
单温	重作业,起重性能与主臂相同,但最大起	
413	重量不超过5000kg。	
轮		
风速位	X	0

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

	-		
F	Chassis	Suspension	The front axles adopt spring suspensions wi
Frame	Designed and manufactured by XCMG,		are adopted for rear as
	it is made of high strength steel with fully		improved chassis stab
	covered walking surface and anti-torsion	Tires	12 tires and 1 spare tir
	box-typed structure.		are equipped with sing
Outriggers	Four outriggers, H-type arrangement,		axles are equipped wit
	double-stage outrigger beam. Hydraulic		Tire specifications: 31
	control is used to extend and retract the		and 2nd axles; 12R22.
	outrigger beams and jacks. There are		axles.
	manual control levers fitted at each side	Braking	Service brake: dual-ci
	of the chassis. There is a level gauge,	system	brake, acting on all w
	outrigger lamp and a speed regulating		Parking brake: spring
	button on each control panel. Each		on wheels of axles 2,3
	outrigger jack is equipped with a double-		Auxiliary brake: engir
	way hydraulic valve.		engine retarder brake
	Float dimension: φ450mm	Steering	Mechanical steering n
	Reaction force of outrigger at max. lifting	system	hydraulic booster for
	load: 513kN	Driver's	Windshield with wide
Engine	SC9DF340Q5, in-line, 6-cylinder, water	cab	wiper and electric win
	cooled, electric control diesel engine,		available; heater and a
	with rated power of 251kW/1900rpm and		the air blow face or fe
	max. torque of 1450Nm/ (1100~1400)		defrosting; radio playe
	rpm.		mechanical shock abs
	Max. reference torque: 1450N.m;		driver and a simple sl
	The engine complies with China V		driver's seat are insta
	emission standard.		comfort and reduce fa
	Fuel tank capacity: 360 L.		a co-driver's seat
	AdBlue tank capacity: 35 L.		A fire extinguisher of
Transmission	9-speed FAST Transmission with	Electric	24 V DC, two sets of
	synchronizer; mechanical control.	system	series.
Axles	High strength axles, 1st and 2nd axles are	Spark	The spark arrestor is in
	for steering, and 3rd and 4th axles are for	arrestor	catalytic muffler to pr
	driving.		from generating flame
		Slewing be	eacon lamp

improved chassis stability. Tires 12 tires and 1 spare tire, 1st and 2nd axles are equipped with single tire, 3rd and 4th axles are equipped with double-tire. Tire specifications: 315/80R22.5 for 1st and 2nd axles; 12R22.5 for 3rd and 4th axles. Braking Service brake: dual-circuit air pressure brake, acting on all wheels. Parking brake: spring-loaded brake, acting on wheels of axles 2,3 and 4. Auxiliary brake: engine exhaust brake, engine retarder brake Steering Mechanical steering mechanism with a hydraulic booster for 1st and 2nd axles. Driver's Windshield with wide visual field, electric wiper and electric window lifters are available; heater and air conditioner can let the air blow face or feet or realize defrosting; radio player is also equipped. A mechanical shock absorber seat for the driver and a simple sleeper for the co-driver's seat are installed to supply comfort and reduce fatigue. It is equipped a co-driver's seat A fire extinguisher of 1 kg is equipped. Electric 24 V DC, two sets of 12 V battery in series. Spark The spark arrestor is installed on the catalytic muffler to prevent the exhaust gas from generating flames	Suspension	The front axles adopt leaf springs. Rubber spring suspensions with V-type push rods are adopted for rear axles, leading to	•
brake, acting on all wheels. Parking brake: spring-loaded brake, acting on wheels of axles 2,3 and 4. Auxiliary brake: engine exhaust brake, engine retarder brake Mechanical steering mechanism with a hydraulic booster for 1st and 2nd axles. Driver's Windshield with wide visual field, electric window lifters are available; heater and air conditioner can let the air blow face or feet or realize defrosting; radio player is also equipped. A mechanical shock absorber seat for the driver and a simple sleeper for the codriver's seat are installed to supply comfort and reduce fatigue. It is equipped a co-driver's seat A fire extinguisher of 1 kg is equipped. Electric 24 V DC, two sets of 12 V battery in series. Spark The spark arrestor is installed on the arrestor catalytic muffler to prevent the exhaust gas	Tires	12 tires and 1 spare tire, 1st and 2nd axles are equipped with single tire, 3rd and 4th axles are equipped with double-tire. Tire specifications: 315/80R22.5 for 1st and 2nd axles; 12R22.5 for 3rd and 4th	•
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system series. Spark The spark arrestor is installed on the catalytic muffler to prevent the exhaust gas		wiper and electric window lifters are available; heater and air conditioner can let the air blow face or feet or realize defrosting; radio player is also equipped. A mechanical shock absorber seat for the driver and a simple sleeper for the codriver's seat are installed to supply comfort and reduce fatigue. It is equipped a co-driver's seat	•
Spark The spark arrestor is installed on the catalytic muffler to prevent the exhaust gas		·	•
	Spark	The spark arrestor is installed on the catalytic muffler to prevent the exhaust gas	0

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

Symbols:

Standard configurations;

O — Optional configurations.

0

技术规格 Technical specifications

	-				
Frame Hydraulic system	Designed and manufactured by XCMG, made of high strength steel. The chassis engine drives the gear pump via transmission to carry out lifting, luffing, telescoping and slewing operations. Special	•	Safety device	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	•
	throttle load sensitive design, more stable systemminimum flow, more reasonable systemrigidity, more prominent fine-control and smoothness; confluence technology for lifting, luffing and telescoping double-pump confluence; air-cooled hydraulic oil cooler is fitted.	•	Load moment indicator	rope over-winding. When the actual torque approaches overload, the LMI will warming and stop dangerous operation before overloaded. Overload memory function (black box) and fault self-diagnosis function are available.	•
	Oil tank capacity: 880L		Hook blocks	60 t hook block	•
Operating method	The pilot electric proportional control system is equipped with two levers on left and right			35 t hook block	0
	sides controlling the main movements of the crane, and stepless slewing speed regulation			5 t hook block	•
Winch system	is available. Combi		Combined counterweight	Total weight is 9.5t. There are two counterweight combinations, 5 t and 9.5 t.	•
	reducer, constant closed brake and balance valve. The main winch and auxiliary winch can be individually operated.	•	Boom	Boom length: 11.6m~45.5m. Comprised of one basic boom and four telescoping boom sections, with	
Slewing system	toothed 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			U-shaped cross-section, welded structure and adopts anti-distortion design and is made of high strength structural steel. Double-cylinder plus ropes telescoping system.	•
	stepless speed regulation are available.		Jib	Jib length: 9.5m/16m	
Luffing system	A front support double-acting hydraulic cylinder is equipped for luffing operation, with a balance valve fitted.	•		Lattice structure for 1st section and box-type structure for 2nd section. Three offset angles of 0° , 15° and	•
s cab	New steel cab is equipped with a front window. Safety glass and sun shield are used			30° .	
	for windows. Standard controls and indicators are ergonomically arranged in the cab. The cab features a new ergonomic seat design with backrest adjustment and armrests with joysticks fitted. Wipers are fitted for the windshield and roof window.	•	Single top	Installed at the boom top, used for single line operation. Its lifting performance is the same as that for boom, but the max. lifting load could not exceed 5000kg.	•
Air conditioni	Air conditioner	•	Anemometer		0
ng system Electrical system	24 V DC, two batteries in series.	•			

重量

Weight



车桥	1	2	3	4	总重量
Axle	1	2	3	7	Total weight
t	8	8	12.85	12.85	41.71)
t	9	9	14.1	14.1	46.22)

1)转台尾部不携带4.5t活动式平衡重,主吊钩固定在车架处,副吊钩固定在车架尾部。

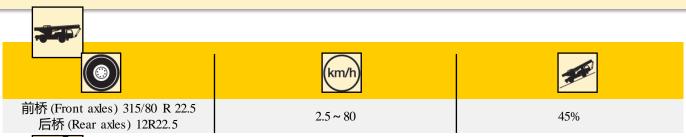
Removable counterweight of 4.5 t is not attached at the rear of turntable tail, main hook is attached to the frame, auxiliary hook is attached and secured at the frame tail, and left front outrigger float and right front outrigger float are removed and stored in the toolbox of the chassis.

- 2) 重载转场:转台尾部携带全部平衡重,主吊钩固定在车头前方,副吊钩固定在车架尾部
- 2) Heavy load job site transfer: all counterweight slabs are carried on the tail of turntable, main hook block is fastened in front of the vehicle and auxiliary hook block is secured at the frame tail.

t				
吊钩	倍率	吊钩重量	吊钩尺寸	备注
Hook block	Parts of line	Weight (kg)	Dimensions (mm)	Remarks
60t	12	517	544×537×1325	单钩 Single hook , 标配 Standard
35t	8	360	430×504×1362	单钩 Single hook ,选装 Optional
5t	1	100	300×300×535	单钩 Single hook ,标配 Standard

作业速度

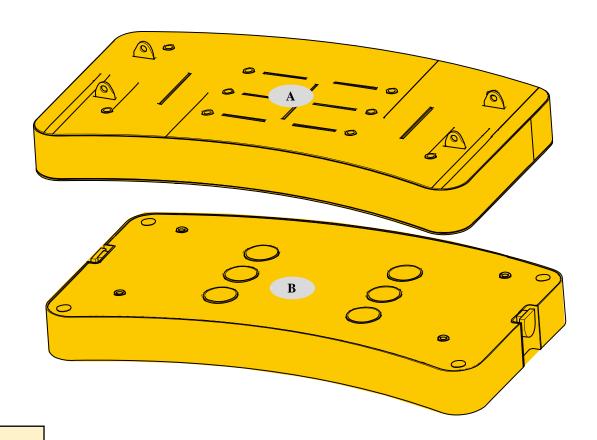
Working speeds



作业机构	作业速度	E	最大单绳拉力	钢丝绳直径/长度		
Operation mechanism	Working s	peed N	Max. single line pull	Rope diameter/ length		
	0-130 m/min , 单绳 , m/min , single l		50kN	18mm/208 m		
[2]	0-130 m/min , 单绳 , m/min , single l		50kN	18mm/140m		
360*	0-1.6 r/min					
A	从-1°抬起至80°约45s Approx. 45s for boom luffing from -1° to 80°					
1/1		从11.6m伸出至45.5m约105s Approx. 105s for boom extending from 11.6 m to 45.5 m				

平衡重

Counterweight

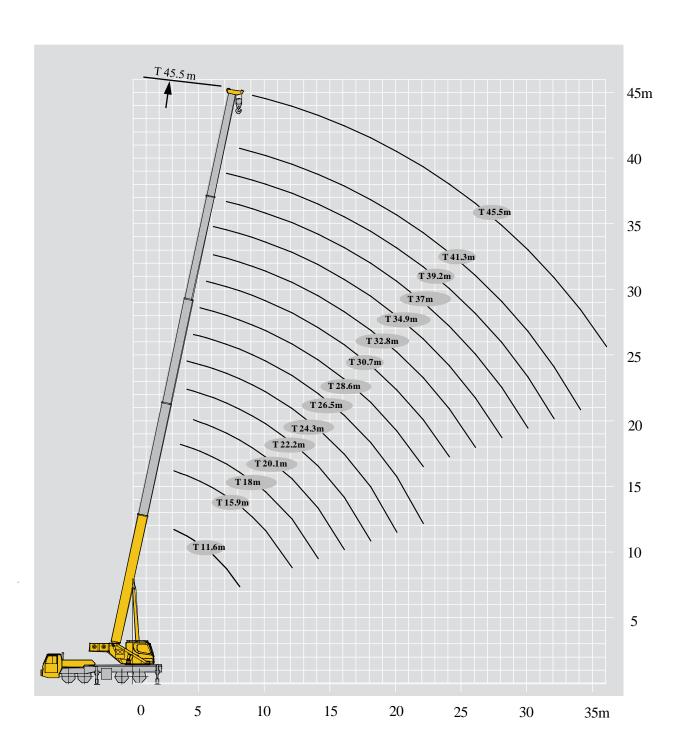


平衡重 Counterweight	A	В
尺寸 (长×宽×高) mm Dimensions (L×W×H) (mm)	2680×1549×305	2680×1549×293
重量 t Weight(t)	5	4.5

工况模式 Working mode	9.5t	5t
组合形式 Combinations	A+B	A



主臂	副臂
Telescopic boom	Jib
T: 11.6~45.5m	T: 45.5m



起重性能表 Lifting capacities

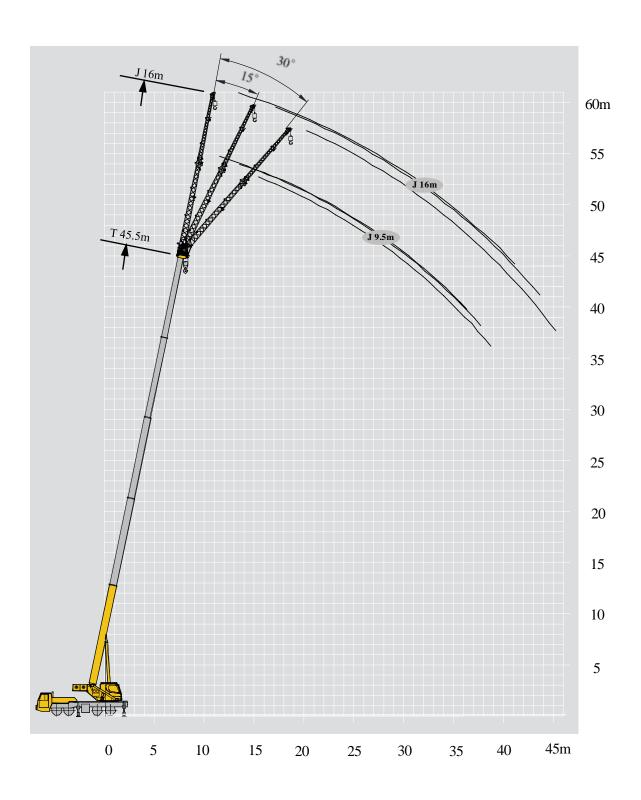
	1	1.6-45.5m	6.1m×′	7.5m	360°	9.5t									_	
A		1/ 8	上	<u> </u>	1 1 1 1 1 1 1 1 1 1					ı			ı			1
H-8	11.6	15.9	20.1	26.5	32.8	39.2	45.5	18.0	24.3	30.7	37.0	22.2	28.6	34.9	41.3	H-8
3	60*															3
3.5	50	46						26				26				3.5
4	48	44	35					26	25			26				4
4.5	43.5	42	35	26				26	25			26				4.5
5	40.5	39	34	26				26	24.5			26	24.5			5
6	32	31.6	30.7	26	20.2			26	23.5	18.3		26	24.5			6
7	27.5	26.2	27	24.5	20.2	15.3		26	22	17.1	13	26	24	16.1		7
8	23.5	23.2	23	22.6	20.2	15.2		23	20.6	15.6	12.3	23.2	21.5	15.3	11.5	8
9	19.6	19.2	19.2	20.2	18.6	14.7	10.2	20.6	19.2	14.4	11.6	20	19.8	14.4	11.2	9
10		16.8	16.5	17.8	17	14	10.1	17.7	17.6	13.5	11	17.2	17.6	13.4	10.7	10
12		11.5	11.5	12.7	13.4	12.7	9.5	13.7	14.4	11.8	9.9	13.1	13.8	11.9	9.8	12
14			8.4	9.5	10.2	10.6	8.5	10.5	11.1	10.3	8.9	9.9	10.6	10.6	9	14
16			6.2	7.3	7.9	8.3	7.7	8	8.9	9.1	8	7.7	8.3	8.7	8.2	16
18			4.3	5.7	6.3	6.7	7		7.2	7.5	7.1	6.1	6.7	7.1	7.3	18
20				4.4	5	5.4	5.7		5.9	6.3	6.5	4.6	5.4	5.8	6.1	20
22				3.5	4.1	4.5	4.7		4.6	5.3	5.5		4.4	4.8	5.1	22
24				2.3	3.3	3.7	3.9			4.4	4.7		3.6	4	4.3	24
26					2.6	3	3.3			3.8	4		2.8	3.3	3.6	26
28					1.8	2.4	2.7			3	3.4			2.8	3	28
30					1.3	2	2.2				2.9			2.3	2.6	30
32						1.6	1.8				2.5			1.7	2.1	32
34						1	1.5				2				1.8	34
36						0.7	1.1								1.5	36
38							0.9								1	38

备注:标注*的工况为名义载荷,不作为技术状态要求。

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

起重性能表 Lifting capacities

	1	1.6-45.5m	6.1m×	7.5m	360°	5t										
1		// ¥	辽	<u>}</u>	<u>√</u> 5±			ı		I	ı .	ı	I			1
// _ *	11.6	15.9	20.1	26.5	32.8	39.2	45.5	18.0	24.3	30.7	37.0	22.2	28.6	34.9	41.3	/ / —°
3	50															3
3.5	50	46						26				26				3.5
4	48	44	35					26	25			26				4
4.5	43.5	42	35	26				26	25			26				4.5
5	40.5	39	34	26				26	24.5			26	24.5			5
6	32	31.6	30.7	26	20.2			26	23.5	18.3		26	24.5			6
7	27.2	26.2	26.2	24.5	20.2	15.3		26	22	17.1	13	26	24	16.1		7
8	20.6	20.1	19.8	21.1	20.2	15.2		22.3	20.6	15.6	12.3	21.6	21.5	15.3	11.5	8
9	16.3	15.8	15.5	16.8	17.6	14.7	10.2	17.9	18.6	14.4	11.6	17.2	18	14.4	11.2	9
10		12.8	12.5	13.7	14.4	14	10.1	14.7	15.4	13.5	11	14.1	14.9	13.4	10.7	10
12		8.8	8.5	9.6	10.3	10.7	9.5	10.6	11.2	11.6	9.9	10	10.7	11.1	9.8	12
14			6	7	7.6	8.1	8.4	7.9	8.6	8.9	8.9	7.4	8	8.4	8.7	14
16			4.2	5.2	5.8	6.2	6.5		6.7	7	7.3	5.6	6.2	6.6	6.9	16
18				3.9	4.5	4.9	5.2		5.4	5.7	5.9	4.3	4.9	5.3	5.5	18
20				2.9	3.5	3.9	4.2		4.3	4.7	4.9		3.9	4.2	4.5	20
22				2.1	2.7	3.1	3.3			3.8	4		3.1	3.4	3.7	22
24					2	2.4	2.7			3.2	3.4		2.4	2.8	3	24
26					1.5	1.9	2.1			2.6	2.8			2.2	2.4	26
28						1.4	1.7				2.3			1.7	2	28
30							1.3				1.9			1.3	1.6	30
32											1.6				1.2	32



起重性能表 Lifting capacities

A	45.5m	9.5m/16m 6.1m×7.5m	360°	51			A
147.	0.0	9.5m	200	0.0	16m	200	\ \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	0°	15°	30°	0°	15°	30°	
80	5	3.5	3	3	2.2	1.5	80
78	4.8	3.4	2.6	3	2	1.4	78
75	4.3	3.3	2.5	2.8	1.8	1.3	75
72	4	3	2.4	2.5	1.6	1.2	72
70	3.6	2.8	2.3	2.2	1.5	1.2	70
65	3.2	2.6	2.1	1.9	1.3	1.1	65
60	2.2	2.1	2	1.6	1.2	1	60
55	1.6	1.5	1.4	1.2	1.1	0.9	55
50	1.1	1	0.9	0.8	0.7	0.6	50

	45.5m	9.5m/16m 6.1m×7.5m	360°				
HY		9.5m			16m		$A \subset A$
	0°	15°	30°	0°	15°	30°	
80	5	3.5	3	3	2.2	1.5	80
78	4.8	3.4	2.6	3	2	1.4	78
75	4.3	3.3	2.5	2.8	1.8	1.3	75
72	4	3	2.4	2.5	1.6	1.2	72
70	3.5	2.8	2.3	2.2	1.5	1.2	70
65	2.2	2	1.9	1.8	1.3	1.1	65
60	1.4	1.3	1.2	1.1	1	0.9	60

符号标识 Description of symbols

常规标识 General syr	mbols		
	上车 Superstructure	3	底盘 Chassis
/\t	起重能力 Lifting capacity	₽₩	车桥 Axle
1//	吊臂长度 Boom length	km/h	行驶速度 Driving speed
	工作幅度 Radius	3	爬坡能力 Grade ability
	吊臂仰角 Boom angle		轮胎 Tires
	主臂起升高度 Hoisting height with boom		支腿 Outriggers
	固定副臂长度 Fixed jib length	t	吊钩 Hook block
	副臂安装角 Jib offset angle		平衡重 Counterweight
	副臂起升高度 Hoisting height with jib		卷扬 Winch
	不使用第五支腿侧后方作业 Boom over side or over rear of the crane without 5th jack	360°	使用第五支腿360°全回转 360° operation of the boom with 5th jack down

主要技术参数表

Table of main technical parameters

		ciniicai parameters	** /	~ чь
类别 Category	项目 Item		单位 Unit	参数 Parameter
Category	<i>/</i> /s	形尺寸 (长×宽×高)	Unit	rarameter
		が尺り(広×克×高) ons (length×width×height)	mm	14220×2700×3590
	Difficils	www.meight/		
		Wheelbase	mm	1470+4350+1350
尺寸参数		轮距(前/后)		
Dimensions		Track (Front/ Rear)	mm	2032/1854
		前悬/后悬		2419/2260 (齐星Qixing)
		Front/Rear overhang	mm	2406/2260 (徐工汽车XCMG Automobile)
		前伸/后伸		2051/320 (齐星Qixing)
		Front/Rear extension	mm	2064/320(徐工汽车XCMG Automobile)
		最大允许总质量	1	41700
	Max	. permissible total weight	kg	41700
重量参数		—轴 1st axle	kg	8000
Weight	轴荷	二轴 2nd axle	kg	8000
	Axle load	三轴 3rd axle	kg	12850
		四轴 4th axle	kg	12850
		发动机型 号		SC9DF340Q5
		Engine model		国V (China V)
		额定功率/转速	kW/(r/min)	251/1900
动力参数		Rated power/rpm	KW/(I/IIIII)	231/1900
Power		最大净功率/转速	kW/(r/min)	245/1900
		Max. net power/rpm	K *	243/1700
		最大扭矩/转速	N.m/(r/min)	1450/1100~1400
		Max. torque/rpm	1 (1111 (17 111111)	
		最高车速 May traval aread	km/h	≥80
		Max. travel speed		
	λ.	最低稳定车速 fin. stable travel speed	km/h	2.5 ~ 3
	10	最小转弯直径		
		Min. turning diameter	m	≤24
		臂头最小转弯直径		-00
	Min. t	urning diameter at boom tip	m	≤30
		最小离地间隙	mm	266
行驶参数	1	Min. ground clearance	111111	200
Travel		接近角	o	11.5
		Approach angle		
		离去角 Denostura en ele	o	13
	生儿二十.75	Departure angle 离 (制动初速度为30km/h)		
		ing distance (at 30 km/h)	m	≤10
	Diak	最大爬坡能力		
		Max. grade ability	%	≥45
		百公里油耗	т	40
	Fuel	consumption per 100 km	L	40
		加速行驶机外噪声	dB(A)	≤88
噪音	Exterior nois	se level during acceleration travel	uD(A)	≥00
Noise		驾驶员耳旁噪声	dB(A)	≤90
	Nois	se level at seated position	GD(11)	

主要技术参数表 Table of main technical parameters

类别 Category		项目 Item		单位 Unit	参数 Parameter
	最大额定总起重量 M	ng capacity	t	60*	
	最小额定工作幅度	Min. rated working	ng radius	m	3
	转台尾部回转半经 Turning radius at turntable tail	平衡重处 At	counterweight	mm	4200
		Base	基本臂 Base boom kN.m		
	最大起重力矩 Max. load moment	-	注臂 nded boom	kN.m	1235
			臂+副臂 ed boom+Jib	kN.m	775
主要性能参数	支腿跨距	纵向 Lo	ongitudinal	m	6.1
Main	Outrigger span	横向	Lateral	m	7.5
performance			本臂 :boom	m	12.1
	起升高度 Hoisting height		主臂 nded boom	m	46
			E臂+副臂 led boom + Jib m		62
		基	本臂 · boom	m	11.6
	起重臂长度 Boom length		主臂 nded boom	m	45.5
			臂+副臂 ed boom + Jib	m	61.5
	副臂安装角	0	0, 15, 30		
	—————————————————————————————————————			s	≤45
	起重臂全伸时间	Boom fully extend	ing time	s	≤105
	最大回转速度	Max. slewing sp	eed	r/min	≥1.6
		水平支腿	收 Retracting	S	≤28
工作速度参数	支腿收放时间	Outrigger beam	放 Extending	S	≤28
Working speed	Outrigger extending and retracting time	垂直支腿	收 Retracting	S	≤35
		Outrigger jack	放 Extending	S	≤35
	起升速度(单绳,第四层 , 空载)	主起升机构 Main winch		m/min	≥130
	Hoisting speed (single line, 4th layer, no load)	副起升机构	Auxiliary winch	m/min	≥130
—————————————————————————————————————	机外辐射 1	Exterior noise leve	1	dB (A)	≤109
Noise	司机位置处 Nois	e level at seated p	osition	dB (A)	≤85

注意事项

- Notes
- 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。
- 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。

- 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.
- 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.
- 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 percentage (or digits, which means the percentage of boom sections extended.)



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