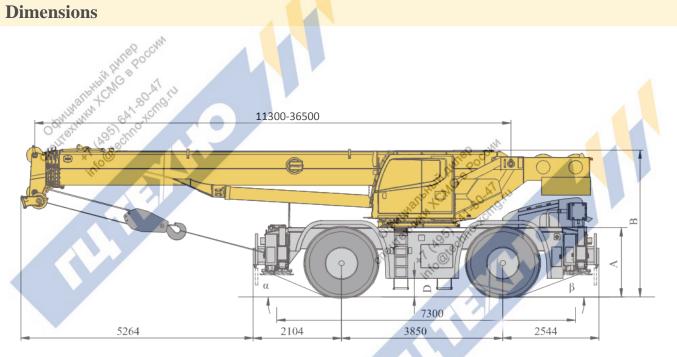
## XCR55L4 越野轮胎起重机 / Rough Terrain Crane

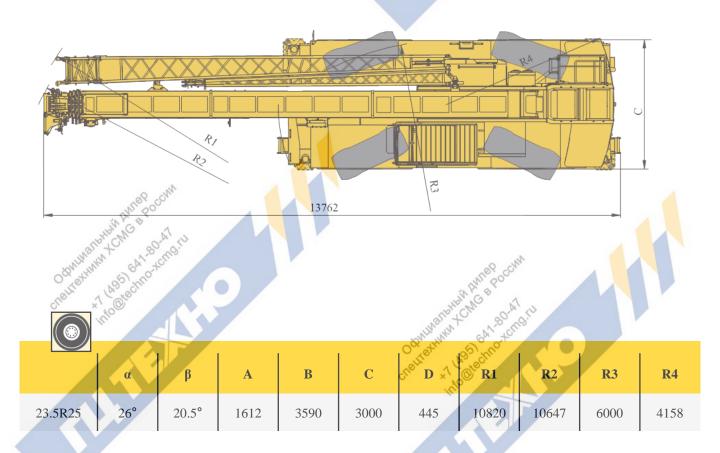


### 目录 Contents

目录 Contents Charles Hines Conc a Pocción Dimensions 社 3 \*T. 495 641 80 AT ILL 技术规格 4-5 Technical specifications 重量/作业速度 6 Weight / Working speeds 平衡重 7 Counterweight 臂架组合方案 8-9 Boom / Jib combinations 主臂 10-11 Boom 副臂 12-13 Jib 符号标识 14 Description of symbols 主要技术参数表 15-16 Table of main technical parameters 注意事项 Other States of the States of the States of States of the 17 Notes Tiles Olechnor chord in Odhinahah Kulo a bocciny The Ofedhortchort

### 尺寸参数 Dimensions





## 技术规格

## **Technical specifications**

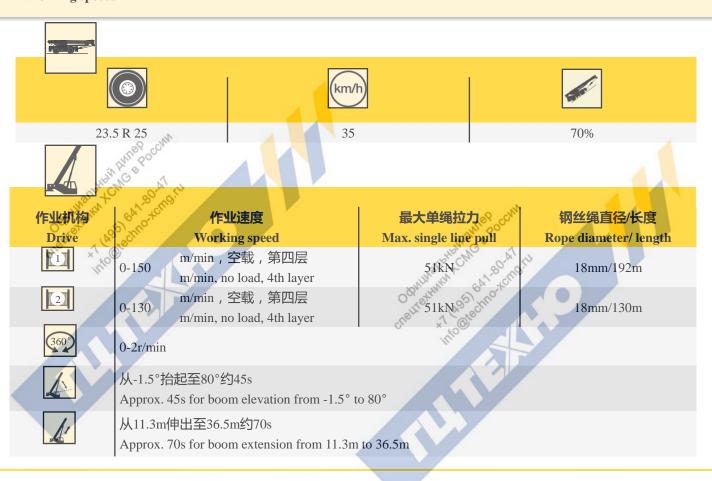
	,,,,,		
Poom	1 basic boom and 3-telescoping sections,	Hydraulic system	A dual-variable displacement pump, used for hoisting, elevating and telescoping operations, and a gear pump, used for slewing,
	U-shape cross section welding structure. One cylinder plus ropes telescoping mechanism. 6 pulleys on boom head are standard. Boom length:11.3m ~ 36.5m.	• Literary	outrigger, steering and braking operations; a load sensitive proportional multi-way change valve is used as main valve; an independent hydraulic oil radiator. Tank capacity: approx. 864 L.
Jib	Two-section lattice structure. Three offset angles of $0^{\circ}$ , $15^{\circ}$ and $30^{\circ}$ are available. It is stowed along the side of the boom. Jib length: $9.2 \text{ m}{\sim}16 \text{ m}$ .	OSWITHWAY NOT	e Hydraulic controlled pilot operation system is equipped with two levers controlling the main
Frame	Made of high strength fine grained steel, welded torsion-resistant frame type construction with large cross-section, high	Electrical *	movements of the crane. 24 V DC, two sets of 12 V battery in series.
Outrigger	load-bearing capacity. 4 outriggers, H-shaped arrangement, which are controlled by electrical and	auxinary winci	The system is driven by a hydraulic motor through a planetary gear reducer, with a
	hydraulic and located at both sides of chassis frame.	system	normally closed brake and a balance valve equipped.
Engine	SC7H220G3, in line six-cylinder water-cooled compression ignition diesel engine, manufactured by Shangchai, rated power 162/2200(kW/(r/min)), max. torque 860/(1400)(N.m/(r/min)), off-road EU	Slewing system	Single-row four-point ball contact slewing ring, driven by a hydraulic motor through planetary gear reducer, and with a normally closed brake fitted.
	Stage IIIA emission standards Fuel tank capacity: Approx. 305 L.	Operator's cab	Tiltable cab, with sliding door and adjustable seat equipped. It is equipped with safe glass and roof
Gearbox Axles	AWG180, automatic transmission imported from hangzhou, with 6 forward and 3 reverse gears available.  Both front and rear axles are for driving	•	protective grille. Sun shade is available for windshield and roof window.  Heater and air conditioner, radio,
	and steering, and the axles have features of great load bearing capacity.		12 V and 24 V DC outlets are standard.
Suspension	Front axle is rigidly connected with frame; rear axle is equipped with swing hydraulic suspensions, which have cushioning function when driving on roads; the rear suspension cylinder may be locked to rigid state so as to meet the requirement for travel with a load suspended, increasing operation stability.	Safety devices	Hydraulic balance valve, hydraulic relief valve, hydraulic double-way valve and LMI. Lowering limiter is equipped in winch to prevent rope overreleasing. Anti-two block is fitted on the boom head to prevent rope over-winding.
Tires OCHOLITE	4 specialized off-road, large bearing capacity.	Counterweight Hook Block	The counterweight weight is 7.5 t.  55 t hook 55 t hook block
Steering	Tire specifications: 23.5R25. Front axle independent steering, tight turning radius steering, crab walk steering and rear axle independent steering modes are available. The steering angle can be self-adjusted when changing mode.	• Challethinky Co	over-winding.  The counterweight weight is 7.5 t.  55 t hook 5t hook block
Brakes	Service brake: double-circuit hydraulic disc brake, acting on all wheels. Automatically braking and alarm are available when the pressure in braking system is too low. Parking brake: spring-loaded brake, acting	Please refer specific parts. Symbol expla	
	on front axles, hydraulic-released independent disc brake.		ns the optional configuration.

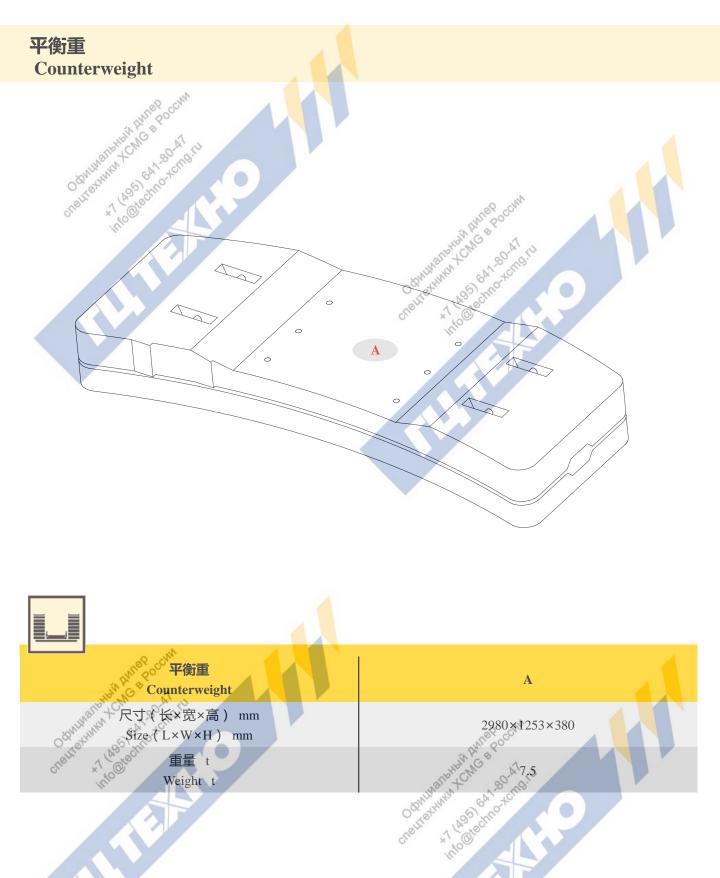
### 重量

### Weight

THE WE BOCCOM			
本桥 Axle as into the	前桥 Front Axle	后桥 Rear Axle	总重量 Total weig <mark>ht</mark>
ore He Axle Application	19.475	20.74 MIRE OCCUM	40.215
9		Rear Axle  20.74  20.74  20.74  Cothing the thing the post of the	
吊钩 Hook	倍率 No. of lines	吊钩重量 Weight (kg)	备注 Remarks
55t	12	522	单钩 Single hook
5	1	100	单钩 Single hook

### **作业速度** Working speeds





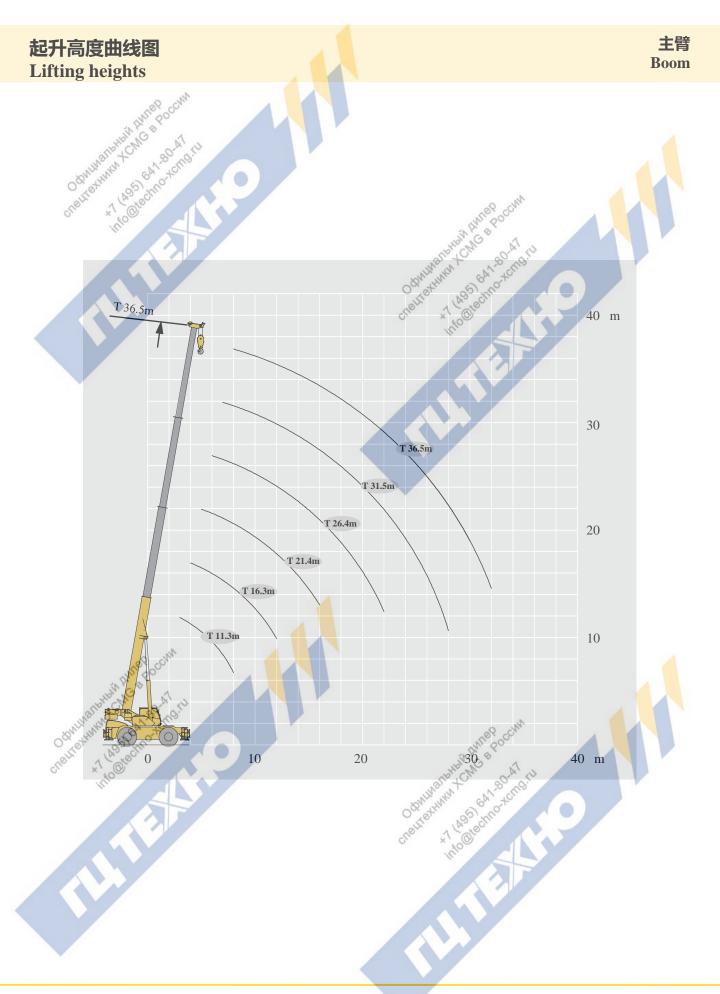
### 臂架组合方案

### Boom / Jib combinations





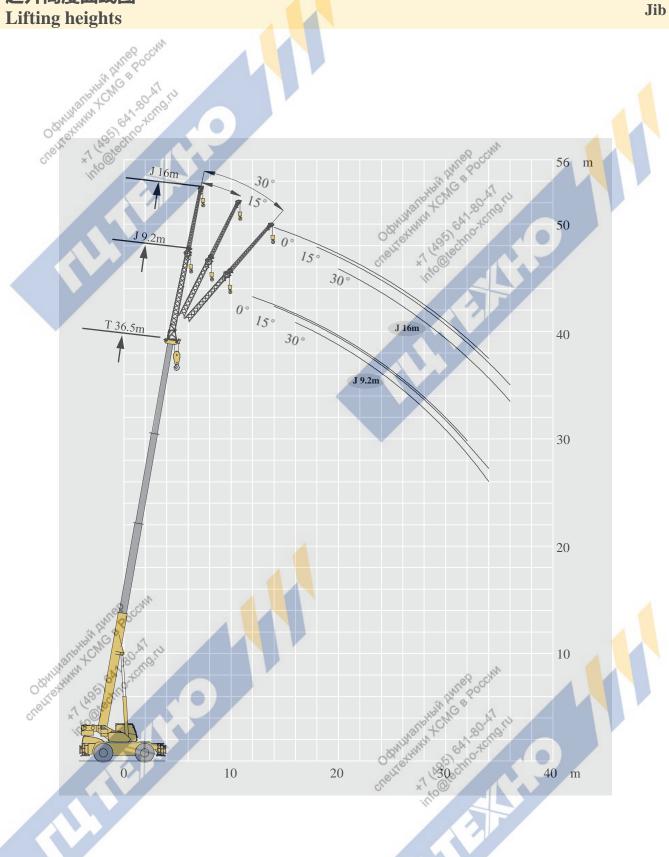
# 臂架组合方案 Other Hand Tong & Poccon **Boom / Jib combinations** \*1 (hyb) ban dy dy lad hu \*1 495 64 80 AT \* Last Strate of Color of Colo CHE HE THINK THE PARTY OF THE PROPERTY OF THE PARTY OF TH OBMINATIFIER TONG & POCCINA 主臂 主臂+一节副臂 主臂+两节副臂 **Telescopic boom** Telescopic boom+Jib Telescopic boom+Jib 36.5m+9.2m 11.3~36.5m 36.5m+16 m



11.3-36.5m 7.5t		
7.3m×7.2m		<b>A</b>
41.3m         16.3m         21.4m         26.4m         31.5m           3         55         3.5         51         44.5         48         40.9         44.5         43         38.5         38.5         33         31         31         23.4         33         31         31         23.4         33         31         31         23.4         33         32         33         32         33         33         33         33         33         33         33         33         33         33         33         33         33         33         33         33         33         34	36.5m	→ m
3 15.3m 21.4m 26.4m 31.5m	CANA	3
3.5 10 51	30	3.5
4 48 40.9	1	4
4 48 40.9 4.5 43 38.5 5 41.5 38 33 6 33 31 31 23.4 7 27.4 27 26 21.8 17	J.A. O.FU	4.5
5 41.5 38 33	CILLE	5
6 33 31 31 23.40	4	6
7 27.4 27 26 21.8 17		7
8 20.3 22.6 23 20.4 17	12.9	8
9 17.8 18.3 18.6 16	12.9	9
10 14.6 15 15.3 15	12.9	10
12 10.4 10.8 11 11.1	11.3	12
14 8.1 8.3 8.5	8.6	14
16 6.3 6.5 6.7	6.8	16
18 5.2 5.4	5.5	18
20 4.4	4.5	20
22 3.5 3.6	3.7	22
24 3	3	24
26 2.4	2.5	26
28 2	2.1	28
30	1.7	30
32	1.4	32
	100%	二节臂 2nd
三节臂 3rd 0 20% 40% 60% 80%	100%	三节臂 3rd
四节臂 4th 0 20% 40% 60% 80%	100%	四节臂 4th

Other Harrist The Bock of Bord of The Charles of th

Ochninghithen The State of Cochn Cale The State of the Charles of



	36.5m	7.5t		
m <sup>8</sup>	7.3m×7.2 m	36.5 m+9.2m 15°	30°	m m
12 ch	x1 0 c c c c c c c c c c c c c c c c c c		2.5 2.5 2.5 2.3	12
14	4.8	3.5	IN EATH BE	14
16	4.7	3.4	2.5 2.5 2.5 2.3 2.3	16
18	4.3	3.3 numary	EARLING 2.5	18
20	3.8	3.1 October 1	195 mor 2.5	20
22	3.0	3.0	2.3	22
24	2.4	2.8	2.3	24
26	1.9	2.1	2.1	26
28	1.4	1.6	1.8	28
30	1.1	1.2	1.4	30
32	0.9	0.9	1	32
34		0.7	0.7	34

	36.5 m	360°	7.5t		
M m	T J 7.3m×7.2 m	T. Control of the Con	5 m+16m	1	m m
	0°		15°	30°	
12					12
14	2.7				14
16	2.5	4			16
18	2.1		1.7		18
20	2.0		1.5	1.2	20
22	1.8		1.4	1.1	22
24	1.7		1.4	1.1	24
26	HHITMC JA.5		1.2	1.0	26
28	10 10 10 10 10 10 10 10 10 10 10 10 10 1		1.2	1.0	28 30 32
30 8 M	HIME GOOT 1.3		1.1	neo cent 0.9	30
32	LASS CHILL 1.1		1.1	11 H 1 0.9	32
34	2.0 1.7 1.7 1.5 1.1 1.1 1.1 1.1 1.1		0.8	10.7 NO.7	34
36	1.5 1.5 1.1 1.1 1.1 1.1 1.1		0.8 SWINGS	1.0 0.9 0.9 0.9 0.7	36

## 符号标识

## **Description of symbols**

_	in Lyne Poccinn		
常规标识 Symbol glo	the truth of the potential to the start of		
	支腿 Outriggers		车桥。Axle
<b>₽</b>	工作幅度 Radius	km/h	行驶速度 Driving speed
	吊臂仰角 Boom angle	ESTA CONTRACTOR OF THE PARTY OF	爬坡能力 Grade ability
1	吊臂长度 Boom length		轮胎 Tires
8	吊钩 Hook block		平衡重 Counterweight
360°	360°全回转 360° rotation		上车 Superstructure
	卷扬 Winch	-6116	底盘 Chassis
-6/-	HAM BE BY THE		
起重作业标 Crane speci	说 symbols	3	A Hure Poechn
NEW S	主臂 Boom		副臂 <sup>Litt</sup>
		CHOL XILO	



## 主要技术参数表

## Table of main technical parameters

		NIV			
类别 Category	<b>Item</b>		<mark>单位</mark> Unit	参数 Parameter	允差范围 Allowance
Oppul	外形尺寸(长×宽×高) Outline size (length×width×height)		mm	13762×3000×3590	±1%
尺寸参数	報理と Wheel base		mm	2330/2330 2104/2544	±1%
Dimensions	轮距(前/后) Track(Front/ Rear)		mm	2330/2330	±1%
	Front/ I	I悬/后悬 Rear overhang	mm	2104/2544	±1%
		]伸/后伸 Rear extension	mm	5264/0	±1%
重量参数	最大允许总质量 Total vehicle mass in travel configuration		kg	40215(7.5t平衡重) (7.5 t counterweight)	±3%
Weight	轴荷 Axle load	一轴 1st axle	kg	19475	±3%
		二轴 2nd axle	kg	20740	±3%
	发动机型号 Engine model			SC7H220G3	-
动力参数 Power	额定功率/转速 Engine rated power/rpm		kW/(r/min)	162/2200	-
	最大输出扭矩/转速 Engine rated torque/rpm		N.m/(r/min)	860/ ( 1400 )	-
	最高车速 Max. travel speed		km/h	35	≥
	Min	ttavel speed	km/h	1.8	≤
	最小转弯直径 Min. turning diameter 最小离地间隙 Min. ground clearance 接近角 Approach angle 离去角 Departure angle 制动距离(制动初速度为 24km/h) Braking distance (at 24 km/h)		m	≤12	4-1
- at the Million			mm	445	±1%
行驶参数 Travel			0	26 k Pooc	±1%
G ,			0	11 1 20.5 80 A BERRY	±1%
			m	26 Poconn 26 Poconn CHOLIE HUNTH (20.5 BOARD III) CHOLIE HUNTH (20.5 BOARD III)	<u> </u>
		にに に に に は は は は は は は り は り は り り り り り	%	70	≥

## 主要技术参数表

## Table of main technical parameters

	ARR COM				50 HH	
<b>类别</b> Category	项目 Item			单位 Unit	参数 Parameter	允差范围 Allowance
nunaria	最大额定总起重量 Max. total rated lifting capacity			t	55	±5%
Othunani Charlesting Charlesting	最小额定工作幅度	Min. rated work	m  betting thing control and the control and t	3	±1%	
Clie, *J	转台尾部回转半经 Turning radius at turntable tail	部回转半经 ng radius at  平衡重处 Counterweight ntable tail			4158	±1%
	最大起重力矩	基本臂 Base boom 最长主臂		house KN m	2033.5	±1%
	Max. load moment	最长主臂 Fully-extended boom		kN.m	1328.9	±1%
	支腿跨距	纵向 Lo	ongitudinal	m	7.3	±1%
主要性能参数 Main	Outrigger span	横向	Lateral	m	7.2	±1%
performance		Base	本臂 boom	m	11.9	±1%
	起升高度 Hoist height	最长主臂 Fully-extended boom		m	36.9	±1%
		最长主臂+副臂 Fully-extended boom + <b>J</b> ib		m	49.6	±1%
		基本臂 Base boom		m	11.3	±1%
	起重臂长度 Boom length	最长主臂 Fully-extended boom		m	36.5	±1%
		最长主臂+副臂 Fully-extended boom + Jib		m	52.5	±1%
	副臂安装角	0	0, 15, 30	±1%		
	起重臂起臂时间 Boom raising time		S	45	<	
	起重臂全伸时间 Boom fully extending time			S	70	<u> </u>
Clib Hall	最大回转速度	speed	r/min	2	_	
OGWING	支腿收放时间Outrigger extending and retracting time	水平支腿 Outrigger	收 Retracting	Wile & OCCHN	20	<u> </u>
工作速度参数		beam	放 Extending	EHENDES AT IN	30	$\leq$
Working speed		垂直支腿	收 Retracting	thit care towns.	30	<u> </u>
		Outrigger jack		m/min	35	<u> </u>
		主起升机构	主起升机构 Main winch		150	≥
	Hoisting speed (single line, 4th layer, no load)	副起升机构	Auxiliary winch	m/min	130	>

### 注意事项

#### **Notes**

in Hulle Pocch

- 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/m<sup>2</sup>).
- 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 digits, which means the percentage of boom sections extended.

