

Truck Crane

Model:XCT55L6

Basic technical specifications

Lifting capacity

Max. lifting load			55t
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Dimension

Overall length	13650mm
Overall width	2540mm
Overall height	3770mm

In travel configuration

Total weight	44000Kg
Axle load of 1st axle	9000Kg
Axle load of 2nd axle	9000Kg
Axle load of 3rd axle	13000Kg
Axle load of 4th axle	13000Kg

Pe

Axle load of 4th axle		13000Kg
erformance		
Max. travel speed		90 <mark>Km/h</mark>
Max. grade ability	,	45%
Boom		6节, 11.2m~50m
Length of boom + jib		Marin Com Vectoring 66m
Max. lifting height of	boom	Other Hunter of State of Control of the State of
Max. lifting height of	boom + jib	63.8m

徐州重型机械有限公司

Xuzhou Heavy Machinery CO.,LTD

Features and advantages of XCT55 (L type) Truck Crane

XCT55 truck crane is designed mainly for domestic market including international market, which meets the demands in different areas by means of variable and selectable configuration. It is widely used in many complicated jobsites such as constructions, urban



renovation, transportation, port, bridge, oil and mining etc.

With four-axle crane chassis, K-shaped outrigger and new single cylinder slotting system, XCT55 (L type) has six-section boom added with two lattice jibs, concealed double-independent winches and a combined counterweight. Equipped with new energy-saving hydraulic system, it adopts intelligent lattice technology supporting multi--jobsite detecting functions, which results in more convenient operation. With XCMG G-generation brand new design and man-made interactive system reaching the level of car, XCT 55(L type) takes the lead of the highest performance in the industry which contributes to more intelligent, energy-saving and humanized.

(1) High Performance

Five-section boom with U-shaped profile optimizing the proportion of height and width is made of imported high tension steel material which can reduce boom torsion and side-bending. Inserted sliders may efficiently increase the overlapping length of adjacent boom sections, eliminating the point contact or line contact between slider and boom while the boom is lifting a load and avoiding effectively local buckling phenomenon. Compact tail boom effectively increases the overlapping length and improves the capacity of boom for anti-bending and torsion-resistant. Single-board boom tip further increases the overlapping length with high hoisting performance and optimized structural member weight.

New single cylinder slotting telescoping system researched on the latest telescoping theory contributes to more compact structure with six-section boom of 50m that breaks the limitation of five-section boom below 50t.

(2) Intelligent operation and convenient safety

Originally designed and intelligent boom technology provides customers comfortable and

intelligent operating experience.

Automatic planning of working conditions: If users enter the information about lifting load and distance, the system will automatically recommend the properest working conditions, which may meet lifting demands.

Automatic compensation of hoisting system: the winch can be spooled in and out automatically when telescoping and elevating, which can reduce driver's operation difficulty, save over 40% of operation time and greatly improve the safety and working efficiency.

Automatic elevating compensation: by controlling elevating angle, the crane can automatically compensate the elevating change due to boom deflection when hoisting the hook. Thus, the problem of boom run-out can be solved which can improve the reliability and reduce hoisting difficulty within operation.

(3) Energy-saving, environment-friendly and economical

New energy-saving hydraulic system includes the lifting hydraulic system consisting of variable displacement pump and constant displacement motor and the slewing hydraulic system consisting of constant displacement pump and constant displacement motor with low-speed large torque. Mature slewing buffering technology is applied. The external-controlled power lowering boom combined with gravity fall results in increased lowering speed from a larger boom angle, improving working efficiency more than 30%. New-generation intelligent control hydraulic system with independent radiator contributes to real-time control of radiator switch as well as the increased rotary speed of radiator in idling speed of engine. Meanwhile, optimized core radiator improves more than 30% of heat dissipation capacity and reduces 25% of heat dissipation rate.

With low speed and large torque engines and high ratio, overdrive gearbox as the core of a new power platform, XCT 55 has a strong driving performance, large quantity of load capacity, good stability, which can achieve a high dynamic performance with low fuel consumption reduced by 12% and driving performance improved by 15%.

First released energy recycle technology can recover and reuse the power energy from braking. The speed can reach 30km/h when starting for 5.3s and grade ability improved by 5%.

(4) High reliability

High-precision variable displacement pump and control valve of electro-hydraulic proportional equipped with constant winch of large displacement have the ability to prevent the pressure impact within operation and to eliminate shaking in high temperature which improves the reliability of lifting operations. A large displacement motor combined with an oil-refilling hydraulic circuit for winch and precise brake control contributes to the response speed in

millisecond, consequently preventing load sliding down during secondary lifting operation.

(5) Brand new experience of man-made interactive design and appearance

Designed with XCMG G-generation truck crane, the steady and elegant XCT 55 combines man-made mechanisms that comprehensively promote the humanization matching air suspension in driver's cab with low noise. More comfortable driving performance can be achieved equipped with new deck made of aluminum and more elegant appearance.

Made of new combined material, the hood is shaped from models with good appearance. The board and assist grip are made of aluminum alloy reducing the hood height by 30%-40%.

New design of virtual dashboard interface makes clear display of vehicle information.

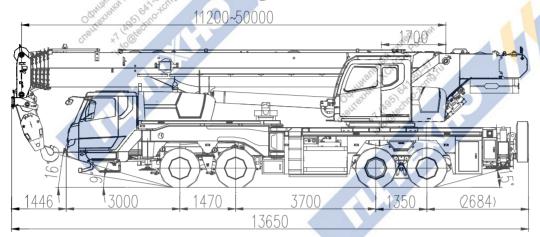
For slewing locking mechanism, it is manipulated by flexible shaft control with which the slewing can be locked and started in operator's cab.

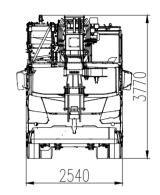
XCMG man-machine interactive system with the level of car: working space is designed according to ergonomics and 13 items of intelligentize and informatization interactive technology are integrated, which brings more friendly man-machine conversation. Added super structural passage satisfies the functional demands which can reach the area of winch and boom.

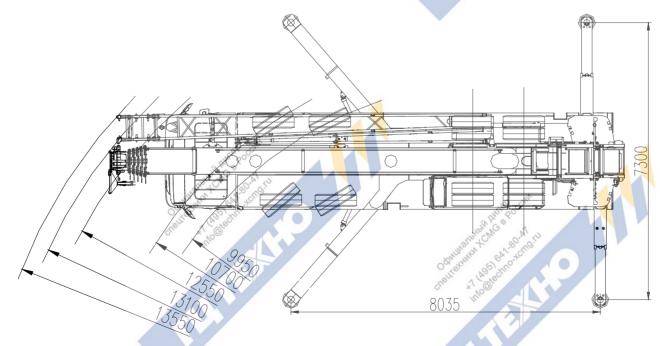
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Overall dimensions and turning track of crane in travel configuration







We reserve the right to modify the design without notice for improvement

Technical specifications of superstructure

Model

Hydraulic system

XCT55 (L type)

Hydraulic pump: the variable plunger pump driven by engine is used to control hoisting, elevating and telescoping; and the constant pump is used for slewing operations.

Control valve: main valve proportional integration multi-way change valve is used for hoisting, telescoping and elevating; electric proportional buffering valve is adopted for slewing which makes operation more comfortable.

Oil circuit.....air-cooled hydraulic oil cooler with large power driven by hydraulic reduces system oil temperature effectively

Oil tank capacity.....about 1000L

Boom

Designed for torsion-resistant and made of high tension structural steel, the telescoping boom has six-section main boom of U-shaped arc angle profile that contributes to higher stability and the up-slider supporting the main boom can be adjusted. It is also designed by single-cylinder pinning telescoping way resulting in a variety of combinations of working conditions.

length......11.2m~50m

Speed of telescope......fully extended 50m to 350s It is stowed beside the boom, consisted of a connecting bracket, a rotating bracket and two lattice bi-fold jibs with jib offset angle: 0°,15°,30°

Length of jib.....9.2m/16m

Jib

Boom single top
(standard)

Boom auxiliary

pulley

Boom single top is installed on the top of boom and used for lifting operation of single line wire rope.

The lifting performance of boom single top is the same with boom, but max. load capacity cannot exceed 5000kg.

Elevating system

A single-cylinder is used for front support elevation. Elevating balance valve with load compensational function is used to prevent elevating from quickly drop and to get smoother movements of lowering the boom. The outer-controlled gravity

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fall combined with power lowering boom not only ensures smoothness but also reduces the energy consumption in the hydraulic system and increases the lowering speed from a larger boom angle.

Speed: 50s or less for elevating operation from $-1^{\circ}to +80^{\circ}$.

Main winch

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

The auxiliary winch can be operated separately.

Single line pull: 50 KN

Single line speed (no load): 130 m/min

Diameter × length: φ18mm×208m

Auxiliary winch system

Electric proportional control is used for speed regulation. The system is driven by a hydraulic motor through a planetary gear reducer, with a normally closed brake, a balanced valve and a grooved drum equipped. It has features of high speed with a light load and low speed with a heavy load.

Single line pull: 50 KN

Single line speed (no load): 130 m/min Diameter × length: φ18mm×140m

Hook blocks

THE NO.	No.	Type	Lifting capacity (t)	Pulley block	Parts of line	Weight (kg)	Qty	Re <mark>ma</mark> rk
		Main hook block	55t	6	12	550	1	
	2	Medium hook block	35t	4	8,11,011,1	360	1	optional
	3	Auxiliary hook block	4.5t		OKOT 1	100	1	

Slewing system

Single-row four-point contact ball type with external slewing ring, planetary gear slewing reducer is driven by hydraulic October Harry Confe & Society Condition of the Conference of the C

motor which can slew 360° continuously.

It has functions of power control or free slewing and stepless speed regulation is available.

Slewing speed......0~2r/min

Operating mode

Electric hydraulic proportional control is used for controlling the superstructure. Adopting PLC integrated and intelligent control technology with CAN-BUS assembly control network, it has many functions besides normal control functions such as real-time system monitoring, automatic fault diagnosis, and query of vague conditions.

Operator's cab

New fully-enclosed steel cab has better sealing and anticorrosive 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. Standard controls and indicators are ergonomically arranged in the cab.

Safety devices

Hydraulic balance valve; Hydraulic relief valve; Double-way hydraulic lock;

LMI;

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Lowering limiter for preventing wire rope from over-releasing; Height limiter on boom tip for preventing wire rope from overspooling

LMI

Hirschmann load moment limiting system, a safety protective device in operator's cab for superstructure. When the actual load moment is approaching overloading value, audible warning will be set out, and dangerous operation will be stopped automatically before overloading.

Overload memory function (black box) and fault self-diagnosis

function are available.

What can be shown continuously is as follows:

Load moment percentage

Actual lifting capacity

Rated lifting capacity

Working radius

Boom length

Boom angle

Working condition code Parts of 1:

Parts of line

Limit boom angle

Information code

Combined counterweight

Total weight is 74 t, constant counterweight is 5.2t.

Counterweights of 5.2 t, 6.5 t and 9.5 t are available.

Combination of counterweight slabs

Working condition	Total weight (t)	Combination sequence
1	9. 5	1)+2)+3)
2	6. 5	1)+(2)
3	4. 4	1

Dead weight and number of counterweight slabs

Item	Fixed slab ①	Slab ②	Slab ③ (optional)
Dead weight (t)	4. 4	2. 1	3
Number of slabs	1	1	SQ ICM

Chassis: black. Wheel rim: grey.

Driver's cab, superstructure and boom: engineering yellow.

Technical specification of chassis

Type

Left-hand drive steering wheel, drive/steering type is $8 \times 4 \times 4$,

Frame Chica & Condition

axles 3 and 4 for driving and axles 1 and 2 for steering.

In-house designed and manufactured by XCMG, and load-bearing structure is optimized. It is made of high strength steel and has anti-torsion box structure with walking surface covered.

Engine

MC11 36-40

Model	MC11.36-40	SC10E340Q4	
Twee	In-line, 6 cylinder, water cooled, sup	ercharging intercooler, high pressure	
Type	common rail, compre	ession ignition engine	
Manufacture	CHINA NATIONAL HEAVY DUTY TRUCK GROUP CO., LTD.	Shanghai Diesel Engine Co., Ltd.	
Power/kw/rpm	268/1900	251/1900	
Torque/N.m/rpm	1800/1000-1400	1550/1300	
Displacement/ml	10. 518	10.42	
Fuel tank	41	220	
capacity	About 320		
Emission	China National IV	China National IV	
standard	China National IV		
Remark	Configuration 1	Configuration 2	

Chassis hydraulic system

Constant displacement open-type system. The variable displacement plunger pump is connected to transmission through PTO for controlling constant displacement through solenoid valve.

Main parameter of chassis hydraulic system:

Transmission

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Shanchi10JSD160TB mechanical transmission with manual remote flexible axle control and synchronizers, 10 forward gears, 2 reverse, stable and reliable.

Clutch Dry, pull-type diaphragm spring clutch

<u>Steering system</u> 1st and 2nd axles are mechanically steered plus hydraulic

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booster

Four high strength load-bearing axles with reliable performance, axles 3 and 4 for driving and axles 1 and 2 for steering, designed by advanced foreign technology and made by distinguished manufacturer.

1st axle: single tire, for steering;

2nd axle: single tire, for steering;

3rd axle: double tire, for driving, 4th axle: double tire, for driving;

Drive shaft

Cross serrated flange is adopted for connection of drive shafts, so transmission torque is enlarged and power transmission is optimized. Consequently smooth and reliable transmission may

be gained.

Suspensions

Spring suspension is adopted for front suspension and rubber suspension for rear with light weight and no maintenance.

Braking system

Service brake: pedal operated double-circuit air pressure brake. The first circuit acts on wheels of axles 1 and 2: the second

circuit acts on wheels of axles 3 and 4.

Parking brake: air-release brake, acting on axles 3 and 4 by the

spring energy storing air chamber on each axle;

Auxiliary brake: engine exhaust brake+ engine compression

retarder brake

Hydraulic system Quantitative open circuit is used for outrigger hydraulic system CHETTE HUMAN TO

with quantitative gear pump coupled to transmission through

PTO. Horizontal, vertical and swing cylinder switch are

controlled by solenoid valve.

Front outrigger is controlled through swing and rear outrigger

through telescoping.

Outrigger

Front-swing and back-level outrigger structure is supported by 4 points and controlled by hydraulic. There is an outrigger control station located at each side of the chassis, and there is a level gauge on each control station. Outrigger floats are secured under jacks through ball pivots. The outriggers are

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Electric system

various working conditions. Outrigger span:

Float dimension.....diameter of 450mm Reaction force of outrigger at max. lifting load.......580000N 24V DC, negative ground, 2 batteries. There is a perfect illuminating system complying with Chinese road traffic standard, including head lamp, fog lamp and reversing lamp, etc.

designed to support the entire crane for better operations under

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, heater & air conditioner, radio cassette player, etc. An air suspension seat for the driver and a simple sleeper for the co-driver's seat are installed to supply comfort and reduce fatigue. Well-proportioned outline shows strong modern sense with outstanding features. Newly designed cab appearance includes exquisite coating of door handle and step, decoration of rear of side window and A-pillars, headlamps and air-inlet grille.

315/80R22.5 tubeless tires, has features of strong load-bearing capacity and light weight.

A set of maintenance tools is supplied.

Driver's cab

Tires

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Disassembled components dimension list for overload products (road travel)

No. W. R.	Weight (kg)	Total weight (t)	Dimension (mm)	Remark
Hook block Medium hook	360	3.36	504×389×1355	Optional
2 Counterweight Slab B	3000		2400×1290×248	Opti <mark>on</mark> al

	Lis	et of parts tra	ansported	(jobsite	transfer)	87
No.	Nam	ne	Weight (kg)	Total weight (t)	Dimension (mm)	Remark
1	Hook block	Medium hook	360	3.36	504×389×1355	Optional
2	Counterweight	Slab B	3000		2400×1290×248	Optional

Main parts list

******<mark>***</mark>

(Take real parts as standard)

- 0	No.		•
918C	1	Chassis Engine	CHINA NATIONAL HEAVY DUTY TRUCK GROUP CO., LTD. / Shanghai Diesel Engine Co., Ltd.
	3	Transmission	SHAANXI FAST GEAR Co., Ltd.
4	4	Steering gear	Jiangmen Xingjiang Steering Gear Co., Ltd. Nantong Huanqiu Steering Gear Co., Ltd.
	5	Axle	Xuzhou Meritor Axle Co., Ltd.
	6	Tire	Double cion group tyre Co., Ltd Guizhou Tyre Co., Ltd. Triangle Group Co., Ltd
	7	Chassis hydraulic pump	Bosch Rexroth Zhonghang Liyuan Hydraulic Co., Ltd. PERMCO (Tianjin) Hydraulic INC., LTD
	8	Extension cylinder	Xuzhou Hydraulic Parts Co., Ltd. XCMG Zhangjiakou Changyu Construction Machinery Hydraulic Cylinder Co., Ltd.
	9	Swing cylinder	Xuzhou Hydraulic Parts Co., Ltd. XCMG Zhangjiakou Changyu Construction Machinery Hydraulic Cylinder Co., Ltd.
	10	Front jack cylinder	Xuzhou Hydraulic Parts Co., Ltd. XCMG Zhangjiakou Changyu Construction Machinery Hydraulic Cylinder Co., Ltd.
	11	Rear jack cylinder	Xuzhou Hydraulic Parts Co., Ltd. XCMG Zhangjiakou Changyu Construction Machinery Hydraulic Cylinder Co., Ltd.
34	12 OAT PU	Superstructure multi- way valve	Zhejiang Shengbang Science & Technology Co., Ltd.
Schno.	13	Slewing ring	Xuzhou Rothe Erde Slewing Bearing Co., Ltd. Maanshan Fangyuan Slewing Bearing Co., Ltd.
	14	Slewing motor	NINGBO ZHONGYI HYDRAULIC MOTOR CO., LTD.
	15	Slewing reducer	Xuzhou Shengbang Mechinery Co., Ltd. Qingdao Haili gear box Co., Ltd.
	16	Main winch motor	Bosch Rexroth Co., Ltd. Zhonghang Liyuan Hydraulic Co., Ltd.
	17	Main winch reducer	Xuzhou Shengbang Mechinery Co.,

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	172.5		
.6	S CCHN		Ltd.
11	800		Qingdao Haili gear box Co., Ltd.
3	2	Main/ Auxiliary winch	Jiangsu Langshan wire Rope Co.,
5	.8P	rope	Ltd.
6	, tou	Торс	China Juli Sling Co., Ltd.
1	Mo		Bosch Rexroth Co., Ltd.
3	19	Auxiliary winch motor	Zhonghang Liyuan Hydraulic Co.,
1			Ltd.
			Xuzhou Shengbang Mechinery Co.,
	21	Auxiliary winch reducer	Ltd.
			Qingdao Haili gear box Co., Ltd.
	22	Elavatina avlindan	Xuzhou Hydraulic Parts Co., Ltd. XCMG
		Elevating cylinder	Chengdu Hydraulic Cylinder Co., Ltd.
	23	Elevating cylinder	Xuzhou Hydraulie Parts Co., Ltd. XCMG
	20	Elevating cylinder	Chengdu Hydraulic Cylinder Co., Ltd.
	24	LMI	Xuzhou Hirschmann Electronics Co.,
	21	Eivii	Ltd.
	25	boom plate	BAOSTEEL
		Vahiala hydraulia	Jianhu Tejia Hydraulic parts Co.,
	26	Vehicle hydraulic system connector	Ltd.
		system connector	Xuzhou Hydraulic Parts Co., Ltd. XCMG
	27	Electric proportional	Xuzhou Hirschmann Electronics Co.,
	۷ (joysticks	Ltd.

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Technical Specifications

Main Technical Data Table of XCT55 (L type) in Travel configuration

(Subject to technical improvement)

40, C	M. C.D.	(1)		(Subject to tex	ennical improvement)
Category	CAN SCHOOL	Item	Unit	Paran	neter
CHORIESTHAN 1 (40)	Chino Ov	erall length	mm	136	550
che xi	Ov	erall width	mm	25	40
	Ov	erall height	mm	HHIM C 2 37	70
Dimensions	W	heel base	mm	1470+37	00+1350
		Track	mm	2124/2124/	1834/1834
	Fro	nt overhang	mm	cherr ×1 ofer 30	00
	Rea	ar overhang	mm	265	84
	Total w	eight in travel	kg	440	000
		1st axle	kg	90	00
Weight	Axle_	2nd axle	kg	900	00
	load	3rd axle	kg	130	000
		4th axle	kg	130	000
	En	igine model		MC11.36-40	SC10E340Q4
Power	Engi	ne rated power	kw/(r/min)	268/1900	251/1900
	Engir	ne rated torque	N.m/(r/min)	1800/1000-1400	1550/1300
	Travel	Max. travel	km/h	91	0
	speed	Min. travel speed	<mark>km</mark> /h	2. 5	\sim 3
	Turning	Min. turning	m	24	4
NAT THE	diameter	Min. turning	m	26.	. 2
Travel	Min. gr	ound clearance	mm	303	3. 5
What to	Approa	ch angle	0	16 (including fro	nt defense10°)
Trave1	Departu	re angle	0	Hylle Pocc 1	5
Travel		distance	***	THEREING L. CAT	g ³ 7
iti.	(at 60	km/h)	m	Shringing Con Sex 3	0. /
	Max. gr	ade ability	%	3)	5
	Oil con	sumption per	т	Ch. XINO	
	100 km		L	3.	0
	Exterio	r noise level	dB (A)	\leq	88
	Noise le	evel at seated	dB (A)	\leq	90

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We reserve the right to modify the design without notice for improvement

(Subject to technical improvement)

	WILDOO			(Sub	ject to tech	nical improvement)
	Category	1.	Item		Unit	Parameter
	the strike to th	Max. total rated	lifting capaci	ty	t	55
0,00	STHURE OF BUILDING	Min. rated work	ing radius		m	3
CHOLL	1 (Astech	Turning	Cour	nterweight	o mm _M	3625
	The office tho to	radius at turntable tail	Auxiliary wi	16/1	Will Comm	3830
	1	Max. load		se boom	kN. m	2058
		moment	Fully-extend	- C. W	kN.m	940
1				ed boom + Tib	kN. m	540
	Main	Outrigger span	Lon	ngitudinal × 0	m	8035
	performance	(fully- extended)	I	Lateral	m	7300
			Ba	se boom	m	10. 7
		Hoist height	Fully-extend	ed boom	m	49. 1
			Fully-extend	ed boom + Jib	m	63.8
			Ba	se boom	m	11.2
		Boom length	Fully-extend	ed boom	m	50
			Fully-extend	ed boom + Jib	m	66
		Jib offset angle	;		0	0、15、30
		Elevating time	Boom raising	g	S	50
		Telescoping time	Fully extend	ed	S	350
		Max. slewing s	speed			2
	ag com	Outrigger	Outrigger	Extending Simultaneously	S	30
	Working speed	extending and	beam	Retracting Simultaneously	S	20
CHILIN	speed specific tems	retracting time	Outrigger	Extending Simultaneously	S	30
Contex	1 (495) chro		jack	Retracting Simultaneously	MIR POS	20
,	infole	Hoisting	Main winch	Wallet Cu	m/min	130
		speed (single line, 4th layer)	Auxiliary wi	nch Othura 1 495	m/min	130
	Noise	Exterior noise	level	C1, ×1,00	dB (A)	≤122
	ivoise	Noise level at s	seated position	n	dB (A)	€90

Rated Load Charts of XCA55 (L type) Truck Crane

Rated Lifting Load Tables for Boom

(Lifting load in t, boom length, radius and lifting height in m)

			chel	101	mllv-e	x tende	d outri	ggers	of 7 3r	n with	counte	rweiol	nt of 9	5t		1					
R/L	11. 2	14.8	14.8	14.8	18. 3	18.3	18. 3	18.3	19	21. 9	21.9	21. 9	21.9	21. 9	25. 5	25. 5	25. 5	25. 5	25. 5	25. 5	25. 5
II/ L	11. 2	14.0		31.1	10. 3	44. 0	32. 5	21. 9	18. 3	41. 3	OLIPHON CHI	80-40	21. 9	21. 5	20.0	20.0	20.0	4J. J	20. 0	4J. J	20.0
3	55	53. 0	53.0	6	44. 0	0	7	4	9	ion ⁱ	NOWA	Wy tou									
3.5	55	53. 0	53. 0	29. 5 9	44. 0	44. 0 0	30. 7 7	20. 7 0	18. 3 9	34.5	34.5	30. 5 0	18.8	18. 6 0							
4	50	50.0	49. 0	27. 7 9	44. 0	44. 0 0	29. 4 2	19. 3 5	18. 3 9	34. 5	34. 5	30. 2 8	18. 7 3	18. 5 3							
4.5	45	45. 0	45. 0	26. 2 1	44.0	41. 8 5	28. 0 7	18. 1 1	17. 1 6	34. 5	34. 5	28. 9	17. 6 0	17. 4 1	28. 5 0	29. 7 0	28. 5 0	19. 0 0	17. 0 0	17. 1 0	14. 0 0
5	42	41.5	41.5	25. 0 9	41.5	39. 6 0	26. 7 2	16. 9 9	16. 1 4	34. 5	34. 5	27. 8 0	16. 4 8	16. 2 8	28. 3 4	29. 7 0	28. 4 9	18. 9 3	16. 9 1	17. 0 4	13. 6 9
6	34	34. 0	34. 0	22. 8 4	34.0	33. 7 5	24. 6 9	15. 5 3	14. 6 8	34. 0	34. 0	25. 7 8	14. 9 0	14. 8 2	25. 4 1	29. 7 0	26. 6 9	16. 9 0	15. 4 5	15. 4 6	12. 2 2
7	28	27. 5	29. 5 0	20.8	27. 5	29. 7 0	22. 6 7	13. 9 5	13. 2 2	29. 0	29. 2	24. 0 9	13. 4 4	13. 3 6	22. 7 1	28. 5 0	25. 1 2	15. 4 4	14. 1	14. 1 1	10. 9 9
8	24	25. 0 0	25. 0 0	19. 3 5	25. 0 0	25. 0 0	20.8	12. 7 1	11. 9 8	24. 5	25. 0	22. 5 1	12. 0 9	12. 1 2	20. 5 8	25. 0 0	23. 5 4	13. 9 8	12. 8 6	12. 9 9	10. 2
9	20. 7	21. 2	21.6	18. 0	21. 3	22. 0	19. 2 9	11. 5 9	10.9 7	21.1	22.0	21.1	11.0	11.1	18. 7 8	21.7	22. 1 9	12. 8 5	11. 8 5	11. 9 8	9. 41
10		17. 6 0	17. 9 0	16. 8 8	17. 7 0	18. 3 0	17. 6 0	10.8	10. 4 1	17. 5 0	18. 3 0	19. 0 0	10.4	10. 4 3	17. 2 0	18. 0 0	18. 9 0	11. 7 3	10. 9 5	11.0	8. 62
12		12. 7 0	13. 0 0	13. 3 0	12.9	13. 4 0	13. 9 0	9. 45	8. 94	12. 6 0	13. 4 0	14. 1 0	8.94	8.97	12. 5 0	13. 1 0	14. 0 0	10. 2 7	9. 71	9.84	7. 39
14				THE	9.80	10. 3 0	10.8	8. 33	7.82	9.60	10.3 0	10. 9 0	7.82	7.85	9. 40	10. 1 0	10.8 0	8. 92	8. 47	8. 60	6. 49
16				UPHPIN CONC	0.47	S				7.40	8. 20	8.80	6. 92	6. 95	7. 30	7. 90	8. 70	7. 90	7. 69	7.81	5. 70
18			ONLI	THEN	A. T. CHIS					5.80	6. 50	7. 10 ^N	6. 13	6. 27	5. 7 0	6.30	7. 00	7. 12	6. 90	7.03	5. 25
20			OSTO	1 (10)	hin	NO.					in the	0,50			4. 40	5. 10	5. 80	6.00	6. 20	6.30	4. 69
22			0,	x 1 nio							SUPH CW	80.47	N /								
Telescoping code of boom section	0000	0010	0001	0000	0110	0011	0001	0000	0000	1110	0,95	0011	0002	0001	2110 0	1111	0111	0021 1	0012 1	0011	0002
Parts of line	12		11			ć)		7	CITE	×\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	7						6			

		100	MINNON!	Wy Chie								_				
		08	S. HHI. ET	illy-exte	nded out	riggers o	of 7.3m v	vith cour	nterweigl	ht of 9.5	t					
R/L	26.7	29. 1 cm²	29. 1	29. 1	29. 1	29. 1	29. 1	29. 1	32. 6 M	32.6	32.6	32. 6	32. 6	32.6	32.6	34. 5
4.5	13.00		ini					HAI	TO BY							
5	12.86	24. 90	24. 90	22. 25	18.90	15. 42	17. 49	13.63+	1.80.119	2.						
6	11. 51	22. 53	24. 90	20. 22	17.21	13. 96	15. 92	12.39	19.80	19. 80	16. 55	13. 90	16. 23	12.64	11. 59	10.65
7	10. 50	20. 50	24. 90	18. 42	15. 75	12.72	14. 79	11. 38	18.30	18. 34	15. 54	12. 78	15. 10	11.62	10. 69	9.86
8	9. 71	18. 70	24. 12	16.85	14.63	11.60	13. 67	10. 59 ⁱⁿ	16.83	16. 99	14. 41	11. 76	14. 09	10.84	10. 13	9. 19
9	8. 81	17. 02	22. 20	15. 61	13.39	10.70	12.66	9.80	15. 60	15. 76	13. 29	10. 98	13.08	10. 16	9. 34	8.63
10	8. 14	15. 67	18. 50	14. 37	12.49	10. 14	11.76	9. 01	14. 47	14.74	12. 39	10. 41	12. 29	9. 49	8. 66	7. 95
12	7. 01	12. 90	13.60	12. 46	10.80	8. 67	10. 52	7. 89	12. 45	12.83	10.70	9.06	10. 94	8. 36	7. 54	6.94
14	6. 11	9. 90	10. 50	10.88	9. 68	7. 66	9. 39	6. 99	10.30	10. 50	9. 58	8. 05	9. 93	7. 35	6. 75	6. 15
16	5. 44	7. 70	8.40	8.90	8. 55	6. 76	8. 38	6. 20	8. 20	8.30	8. 45	7. 26	8. 70	6. 67	5. 96	5. 59
18	4. 99	6. 10	6.80	7.30	7. 20	5. 97	7. 40	5.64	6. 50	6. 70	7. 10	6. 48	7. 10	6. 11	5. 40	5. 14
20	4. 42	4. 90	5. 50	6.00	5. 90	5. 41	6. 20	5. 30	5. 30	5. 50	5. 80	5. 91	5. 90	5. 55	5.06	4.58
22	4. 09	3. 90	4.50	5. 10	4. 90	5. 07	5. 20	4.74	4. 30	4.50	4.80	5. 10	4. 90	5. 21	4. 50	4.24
24		3. 10	3.80	4. 30	4. 10	4.40	4.40	4.40	3. 60	3. 70	4. 10	4.30	4. 10	4.60	4. 16	3.90
26									2. 90	3. 10	3. 40	3.70	3. 50	3. 90	3.83	3.56
28									2. 40	2.50	2.90	3. 10	2. 90	3.40	3. 49	3. 23
30				M								4				3.00
32			This	Soc _{Cr}												
Telescoping code of boom section	00033	21110	rafra	02111	01211	00221	01112	00122	21111	12111	02211	01 221	11112	01122	00222	00333
Parts of line	6	MILL	Walter & ON	, Somo ite	5				of chy			5				4

Oderstrate Heavy Top of Start Start Into Object to Take The Start Start Into Object to Take The Start Start Into Object Top It Into Object Top It

			May		CIUD.														
			OGNITHIN	Fully	extend	ed outr	iggers	of 7.3m	with c	ounter	weight	of 9.5t	1						
R/L	36. 2	36. 2	36. 2 🖈	36. 2	36. 2	36. 2	39.8	39.8	39.8	39.8	39.8	42.2	43. 3	43. 3	43. 3	45.8	46. 9	49. 4	50
7	15. 71	14. 99	12. 35	14.71	11. 78	10.60				THIN THE B	1								
8	14.70	14. 09	11. 56	13.81	11.00	10.04	12.77	11. 21	10.67	9. 86	9, 58	8. 55							
9	13. 57	13. 19	10.77	13.02	10. 43	9. 37	11.87	10.65	10.91	9. 30	9. 02	8. 10	9.96	8. 87	8. 70	7. 73			
10	12.67	12. 40	10. 21	12.23	9. 76	8.80	11.08	10.09	9.55	× 8.74	8. 57	7. 76	9.62	8. 42	8. 37	7.40	7.82	6. 90	6. 90
12	10.98	11. 05	9. 20	11.00	8. 63	7. 79	9. 96	9.08	8.65	7.84	7. 67	6. 98	8.72	7. 64	7. 58	6.83	7. 26	6. 44	6. 34
14	9.86	9.82	8. 18	9. 98	7. 73	6.89	8. 83	8. 29	7.86	7. 05	6. 88	6. 30	7. 93	6. 96	6. 90	6. 27	6.69	5. 99	6.00
16	8. 20	8.50	7. 40	8. 50	6. 95	6. 22	7.82	7.50	7.07	6. 49	6. 32	5. 74	7.14	6. 40	6. 34	5. 71	6. 13	5. 65	5. 55
18	6.50	6.80	6. 72	6. 90	6. 38	5. 65	6. 60	6.94	6. 51	5. 93	5. 76	5. 40	6.36	5. 84	5. 78	5. 37	5. 79	5. 09	5. 21
20	5. 30	5.60	6.00	5. 60	5. 82	5. 32	5. 40	5. 80	5.80	5. 36	5. 42	4.84	5. 79	5. 50	5. 44	4. 92	5.34	4. 75	4. 73
22	4. 30	4.60	5.00	4. 70	5. 10	4. 75	4. 40	4.80	4.90	5. 03	4. 97	4.50	5.00	4. 90	5. 10	4. 58	4.73	4. 45	4. 36
24	3. 50	3.80	4. 20	3. 90	4. 30	4. 42	3. 70	4.00	4.10	4. 30	4. 50	4. 16	4.20	4. 10	4. 30	4. 25	4. 10	3. 95	3.86
26	2. 90	3.20	3.60	3. 20	3.60	3. 90	3. 00	3.40	3.40	3. 70	3. 80	3. 90	3.60	3. 50	3. 60	3. 70	3. 40	3. 50	3. 48
28	2. 40	2.70	3.00	2. 70	3. 10	3. 40	2. 50	2.80	2.90	3. 10	3. 30	3. 30	3. 10	2. 90	3. 10	3. 10	2.90	3. 00	2. 90
30	1.90	2.20	2.60	2. 20	2.60	2.90	2.00	2.40	2.40	2.70	2. 80	2.90	2.60	2. 50	2.60	2.70	2.40	2. 50	2.50
32							1.60	2.00	2.00	2. 30	2. 40	2.50	2.20	2. 10	2. 20	2.30	2.00	2. 10	2. 10
34							1. 30	1.60	1.70	1. 90	2. 10	2. 10	1.90	1. 70	1.90	1.90	1.70	1.80	1.70
36				0 4	a a							1.80	1.60	1. 40	1.60	1.60	1.40	1.50	1.40
38				Thus bocc.										1		1.40	1. 10	1. 20	1.20
40			TIPHO!	MG O.A	10			W.									0.90	1.00	0.90
42			ONTHUNKA	GAN TON	(S)					.0	S CAN								0.70
Telescoping code of boom section	22111	12211 C	02221	21112	11122	01222	22211	12221	21122	11222	02222	03333	22221	21222	12222	13333	22222	23333	33333
Parts of line		S.	"Info	4					4	ILIPHO WILL	80-47 111	3		3		3	3	3	3

Cheffething 1950 GA

				Who will	CH TON	.9									4	_					
		,	Ogo	Cothin 1	ully-e	xtende	d outri	ggers	of 7.3r	n with	counte	rweigl	nt of 4.	4t							
R/L	11.2	14.8	14.8	14.8	18.3	18. 3	18. 3	18. 3	19	21.9	21.9	21.9	21.9	21. 9	25. 5	25. 5	25. 5	25. 5	25. 5	25. 5	25. 5
3	55. 0	53. 0	53.0	31.1	44.0	44. 0	32. 5	21. 9	18.3		HEINT	D 1									
J	0	0	0	6	0	0	7	4	9		40,00	00.47	N N			_					
3. 5	55. 0	53. 0	53. 0	29. 5	44. 0	44. 0	30. 7	20. 7	18. 3	34. 5	34.5	30.5	18.8	18. 6							
	50.0	50.0	0 49. 0	9 27. 7	44. 0	0 44. 0	7 29. 4	0 19. 3	9 18.3	34.5	34.5	30. 2	0 18.7	18. 5							
4	0	0	0	9	0	0	29.4	19. 5	9	0	× 00	8	3	3							
	45. 0	45. 0	45. 0	26. 2	44. 0	41.8	28. 0	18. 1	17. 1	34. 5	34. 5	28. 9	17.6	17. 4	28. 5	29. 7	28. 5	19. 0	17. 0	17. 1	14. 0
4. 5	0	0	0	1	0	5	7	1	6	0	0	3	0	1	0	0	0	0	0	0	0
5	42.0	41.5	41.5	25. 0	41.5	39. 6	26. 7	16. 9	16.1	34. 5	34.5	27.8	16.4	16. 2	28.3	29. 7	28.4	18.9	16.9	17.0	13.6
J	0	0	0	9	0	0	2	9	4	0	0	0	8	8	4	0	9	3	1	4	9
6	34. 0	34. 0	34. 0	22.8	34.0	33. 7	24.6	15. 5	14.6	34. 0	34. 0	25. 7	14.9	14.8	25. 4	29. 7	26.6	16. 9	15. 4	15. 4	12. 2
	27. 7	0	0 7	4	0	5	9	3	8	0	0	8	0	2	1	0	9	0	5	6	2
7	0	27. 5 0	28. 7 0	20. 8 1	27. 5 0	29. 2 0	22. 6 7	13. 9 5	13.2	28. 2	29. 2 0	24. 0 9	13. 4 4	13. 3 6	22.7	28. 5 0	25. 1 2	15. 4 4	14. 1 0	14. 1	10. 9 9
	21. 2	21. 8	22, 2	19. 3	21.9	22. 6	20.8	12. 7	11.9	21.7	22.6	22. 5	12.0	12. 1	20.5	22. 3	23. 3	13. 9	12.8	12. 9	10. 2
8	0	0	0	5	0	0	7	1	8	0	0	1	9	2	8	0	0	8	6	9	0
9	16. 9	17. 4	17.8	18.0	17.6	18. 2	18. 7	11.5	10.9	17. 3	18.2	18. 9	11.0	11. 1	17.1	17.9	18.8	12.8	11.8	11.9	9. 41
J	0	0	0	0	0	0	0	9	7	0	0	0	8	1	0	0	0	5	5	8	9.41
10		14. 4	14. 7	15. 0	14. 5	15. 1	15.6	10.8	10.4	14. 2	15. 1	15.8	10.4	10.4	14.1	14.8	15. 7	11.7	10.9	11.0	8. 62
		0	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0	3	5	8	
12		10. 1	10. 5 0	10. 7 0	10. 3 0	10. 9 0	11. 4 0	9.45	8. 94	10.0	10. 9 0	11. 6 0	8.94	8.97	9.90	10. 6 0	11. 4 0	10. 2 7	9.71	9.84	7. 39
14		0	U	0	7. 50	8. 10	8. 50	8. 33	7. 82	7. 30	8. 10	8. 70	7.82	7.85	7. 10	7.80	8. 60	8.80	8. 47	8. 60	6, 49
16					ieb cciny	0.10	4			5, 40	6, 20	6, 80	6. 92	6. 95	5. 30	5. 90	6. 70	6, 90	7. 10	7. 20	5. 70
18				N FA	400					4. 10	4. 80	5. 40	5. 60	5. 80	3. 90	4. 60	5. 30	5. 50	5. 70	5. 80	5. 25
20				SUBHO, MC	.80.nd.					1.10	1.00	0. 10	0.00	0.00	2. 90	3. 50	4. 30	4. 50	4. 60	4.80	4. 69
22			Oghn	HWAY,	Michella							Vebocowy			2. 90	3. 30	4. 50	4.50	4.00	4.00	4.03
				r. (02)	Hills	70					7 4	0									
24			CHOL	x1 soote							UPHPI CM	0.47	0								
26				iu.						WI,	NOWAY	A1.80 HO	1								
28					6,5					Oute	Fr. (495)	chno									
Telescoping code of boom	0000	0010	0001	0000	0110	0011	0001	0000	0000	1110	0111	0011	0002	0001	2110	1111	0111	0021	0012	0011	0002
section	0	0	0	1	0	0	1	2	3	0	.0	4	1	2	0	0	1	1	1	2	2
Parts of line	12		11			ć)		7			7						6			

		10.	Willy May	WI TOWNS								_				
		oŏ	S. of the Est	illy-exter	nded out	riggers o	of 7.3m v	vith cour	nterweigl	nt of 4.4	t					
R/L	26.7	29. 1 cm²	29. 1	29. 1	29. 1	29. 1	29. 1	29. 1	32. 6 M	32.6	32.6	32. 6	32. 6	32.6	32.6	34. 5
4. 5	13.00		ini					HH	TO BY							
5	12.86	24. 90	24. 90	22. 25	18. 90	15. 42	17. 49	13.63 +	1.80.119	2.						
6	11. 51	22. 53	24. 90	20. 22	17. 21	13. 96	15. 92	12.39	19.80	19. 80	16. 55	13. 90	16. 23	12.64	11. 59	10.65
7	10. 50	20. 50	24. 90	18. 42	15. 75	12.72	14. 79	11.38	18. 30	18. 34	15. 54	12. 78	15. 10	11.62	10.69	9.86
8	9. 71	18. 70	22. 90	16.85	14.63	11.60	13.67	10. 59 ⁱⁿ	16.83	16. 99	14.41	11. 76	14. 09	10.84	10. 13	9. 19
9	8.81	17. 02	18. 50	15. 61	13.39	10.70	12.66	9.80	15.60	15. 76	13. 29	10. 98	13.08	10. 16	9. 34	8.63
10	8. 14	14. 60	15. 30	14. 37	12.49	10. 14	11.76	9. 01	14. 47	14.74	12. 39	10. 41	12. 29	9. 49	8. 66	7. 95
12	7. 01	10. 30	11. 10	11.70	10.80	8. 67	10. 52	7. 89	10.90	11. 10	10.70	9.06	10. 94	8. 36	7. 54	6.94
14	6. 11	7.60	8.30	8.90	8. 70	7.66	9. 00	6. 99	8. 10	8.30	8.60	8.05	8. 70	7. 35	6.75	6. 15
16	5. 44	5. 70	6.40	7.00	6.80	6. 76	7. 10	6. 20	6. 20	6. 40	6. 70	7.00	6. 80	6. 67	5. 96	5. 59
18	4. 99	4.40	5.00	5. 60	5. 40	5.80	5. 70	5.64	4. 80	5.00	5. 40	5. 60	5. 40	5. 90	5. 40	5. 14
20	4. 42	3.40	4.00	4.50	4.40	4.70	4. 70	5.00	3.80	4.00	4. 30	4.60	4. 40	4.80	5.00	4.58
22	4. 09	2.60	3. 20	3.70	3. 60	3. 90	3.80	4. 10	3. 00	3. 20	3. 50	3.80	3. 60	4.00	4. 20	4. 20
24		1.90	2.50	3. 10	2. 90	3. 20	3. 20	3.50	2. 30	2.50	2.80	3. 10	2. 90	3. 30	3. 50	3.50
26									1.80	2.00	2.30	2.60	2. 40	2.80	2.90	3.00
28									1. 40	1.50	1.90	2.10	1. 90	2.30	2.50	2.50
30				M												2. 20
32			This	Soc _{Cr.}												
Telescoping code of boom section	00033	21110	raging	02111	01211	00221	01112	00122	21111	12111	02211	01 221	11112	01122	00222	00333
Parts of line	6	MIL	Walter & ON	, Somo ite	5				of chy			5				4

Odenstatishing Tong Society Society Tong in

			NINCH	1.	Tellie									_					
			OGNETHIN	Fully	-extend	led outi	riggers	of 7.3n	n with o	counter	weight	of 4.4t							
R/L	36. 2	36. 2	36. 2 🖈	36. 2	36.2	36. 2	39.8	39.8	39.8	39.8	39.8	42.2	43. 3	43. 3	43. 3	45.8	46. 9	49. 4	50
7	15. 71	14. 99	12. 35	14.71	11.78	10.60				JAN DO P	× 1								
8	14. 70	14. 09	11. 56	13.81	11.00	10.04	12.77	11.21	10.67	9.86	9.58	8. 55							
9	13. 57	13. 19	10.77	13.02	10. 43	9.37	11.87	10.65	10.91+	9.30	9. 02	8. 10	9.96	8. 87	8. 70	7.73			
10	12.67	12. 40	10. 21	12. 23	9. 76	8.80	11.08	10.09	9, 55	×8.74	8. 57	7. 76	9.62	8. 42	8. 37	7. 40	7.82	6.89	6.90
12	10.80	11.05	9. 20	11.00	8.63	7. 79	9. 96	9.08	8.65	7.84	7. 67	6. 98	8.72	7. 64	7. 58	6.83	7. 26	6. 44	6.34
14	8. 10	8.40	8. 18	8. 40	7. 73	6.89	8. 20	8. 29	7.86	7. 05	6. 88	6. 30	7. 93	6. 96	6. 90	6. 27	6.69	5. 99	6.00
16	6. 20	6.50	6.90	6. 50	6.95	6.22	6.30	6.70	6. 70	6. 49	6. 32	5. 74	7.00	6. 40	6. 34	5. 71	6. 13	5. 65	5. 55
18	4.80	5. 10	5.60	5. 20	5.60	5.65	4.90	5.30	5. 40	5. 70	5. 76	5. 40	5.70	5. 40	5. 60	5. 37	5. 40	5. 09	5. 21
20	3.80	4.10	4.50	4. 10	4.60	4.90	3. 90	4. 30	4.30	4.60	4.80	4.80	4.70	4. 40	4. 50	4.60	4.30	4. 40	4. 40
22	3.00	3.30	3.70	3. 30	3. 70	4.00	3. 10	3.50	3. 50	3.80	3. 90	4.00	3.80	3. 60	3. 70	3.80	3.50	3.60	3.50
24	2.30	2.60	3.00	2.70	3. 10	3.40	2.40	2.80	2.90	3. 10	3. 30	3. 30	3. 20	2. 90	3. 10	3. 10	2.90	2. 90	2.90
26	1.80	2.10	2.50	2. 10	2.50	2.80	1. 90	2.30	2.30	2.60	2.70	2.80	2.60	2. 40	2. 50	2.60	2.30	2. 40	2.40
28	1.40	1.60	2.00	1.70	2. 10	2.40	1.50	1.80	1.90	2.10	2.30	2.30	2.20	1. 90	2. 10	2. 10	1.90	1. 90	1.90
30	1.00	1.30	1.70	1.30	1.70	2.00	1.10	1.40	1.50	1.70	1.90	1. 90	1.80	1.50	1. 70	1.70	1.50	1.60	1.50
32							0.80	1.10	1.20	1.40	1.60	1.60	1.40	1. 20	1.30	1.40	1. 20	1. 20	1.20
34							7	0.80	0.90	1.10	1.30	1.30	1.10	0.90	1. 10	1.10	0. 90	0.90	0.90
36				.0 .4	1	2		1				1.00	0.90	0.70	0.80	0.90	0.60	0.70	0.70
38				Thus boco									_	1		0.60			
Telescoping code of boom section	22111	12211	02221	21112	11122	01222	22211	12221	21122	11222	02222	03333	22221	212 22	12222	13333	22222	23333	33333
Parts of line			WHINSHAY.	1 GAN TON	119				4	0	S CONN	3		3		3	3	3	3

Oddy Walter House Oddy Solat Solat I

Total Rated Lifting Load Tables for Jib

(Lifting load in t, boom length, radius and lifting height in m)

	Fu	lly-exte	ended o	outrigge	ers of 7.	3m, rat	ed liftin	ng load	of jib	with co	unterwe	eig <mark>ht o</mark> f	9.5t				- 6	
Boom length_m		43			46. 9			50	OLIPHER LING	80-A7 TU	43			46. 9			50	
Jib length			_ ^		9.2			OGWIN	HNKN GO	O'ACITIES				16				
Angle/radius	0	15	30	0	15	30	0	15118	~30°°	0	15	30	0	15	30	0	15	30
12	5. 0						4. 1	0	info	3. 0								
14	5.0	3.8	2.8	4.5			4.0	3. 1		3.0			3.0			3.0		
16	4.7	3. 5	2.6	4. 1	3. 1	2.6	3. 7	2.8	2.6	2.8	2.3		2.9			2.7		
18	4.1	3.2	2.4	3.6	2.7	2.6	3. 3	2. 5	2.4	2.6	2.0		2.7	2. 1		2.6	2. 1	
20	3.8	2.8	2.4	3. 3	2.5	2.4	2.9	2.3	2.2	2.6	2.0	1.6	2.6	2.0		2.4	2.0	
22	3. 7	2.7	2.3	3. 2	2.3	2. 1	2. 7	2.0	1.9	2.4	1.9	1.5	2. 5	1.9	1.6	2.2	1.8	1.5
24	3. 2	2.5	2.3	2.8	2.2	1.9	2.6	1.8	1.7	2.3	1.8	1.4	2.3	1.7	1.4	2.0	1.5	1.4
26	2.9	2.3	2.2	2. 5	2.0	1.8	2.3	1.8	1.5	2.2	1.8	1.4	2.0	1.5	1.4	1. 7	1.3	1.3
28	2.4	2.0	2.0	2. 1	1.7	1.7	1.9	1.5	1.4	2.1	1.7	1.4	1.8	1.4	1.4	1.6	1.3	1.2
30	2.0	1.8	1.7	2.0	1.6	1.6	1.8	1.4	1.4	2.0	1.5	1.3	1. 7	1.3	1.2	1.4	1. 2	1. 1
32	1.6	1.7	1.6	1.8	1.3	1.3	1.5	1.2	1.3	1.7	1.4	1.3	1.5	1.2	1. 1	1.3	1.0	0.9
34	1.3	1.5	1.4	1.5	1.3	1.2	1. 4	1. 1	1.0	1.6	1.4	1.3	1.4	1.1	1.0	1. 1	0.9	0.8
36	1. 1	1.2	1.3	1.2	1.3	1. 2	1. 2	1.0	0.9	1.3	1.2	1. 1	1.2	1. 1	1.0	1.0	0.8	0.8
38	0.8	0.9	1,000	1.0	1.1	1.0	0.9	1.0	0.9	1. 1	1.1	1.0	1. 1	0.9	0.9	1.0	0.8	0.7
40	0.6	0.7	0.8	0.7	0.8	0.9	0. 7	0.8	0.8	0.9	1.0	1.0	0.9	0.8	0.8	0.9	0. 7	0.7
42		MINATE	0.6	0.6	0.6	0.7			0.6	0.7	0.8	0.9	0.8	0.8	0.7	0.7	0.6	0.6
44	1	OGWENTHIN	op mon						DALL	Soco.	0.7	0.8	0.6	0. 7	0.6	0.6	0.5	0.5
46	c	10" x1	O. C.						LIPHPIN C.	CAT IN				0.6	0.6			0.5
Telescoping code of boom section		22221	1		22222			33333	Why ey	Storng.	22221			22222			33333	

	Fully-extended	outriggers of 7.3m, rat	ed lifting load	of jib with	counterweight of	4.4t	
Boom length	43	46. 9	50		43	46. 9	50

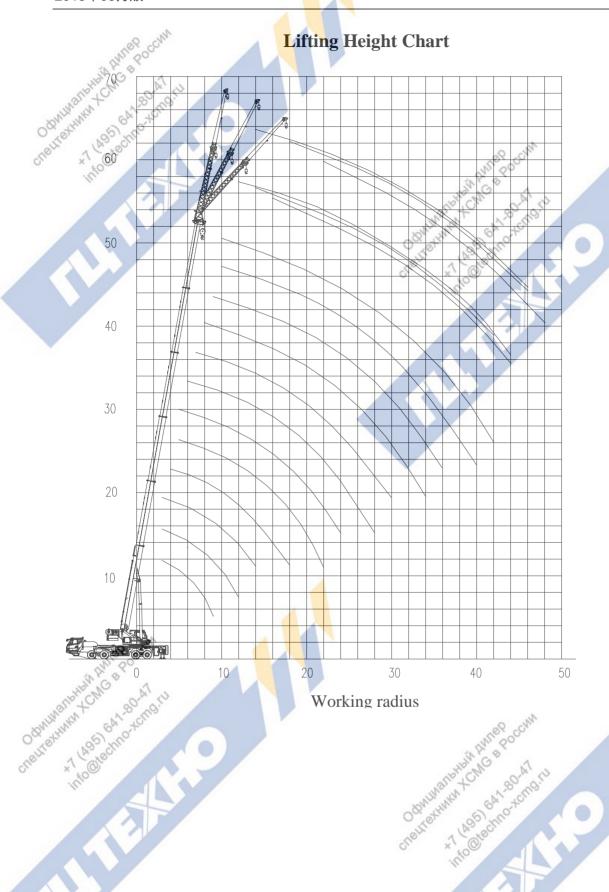
Jib length		ò	PHPIN D. S.	2AT 111	9.2								4	16				
Angle/radius	0	154	1 30 M	toug.	15	30	0	15	30	0	15	30	0	15	30	0	15	30
12	5.0	Ochoty	(Vag Chu				4. 1			3.0		4						
14	5.0	3.8	2.8	4. 5			4.0	3. 1	HALL	₹3.°0			3. 0			3.0		
16	4.7	3. 5	2.6	4.1	3. 1	2.6	3. 7	2.8	2.6	2480	2.3		2.9			2.7		
18	4.1	3. 2	2. 4	3.6	2.7	2.6	3. 3	2. 5	2.4	2.6	2.0		2.7	2. 1		2.6	2. 1	
20	3. 7	2.8	2.4	3. 3	2.5	2.4	2.9	2.3	2.2	2.6	2.0	1.6	2.6	2.0		2.4	2.0	
22	2.9	2. 7	2.3	3. 1	2.3	2. 1	2.7	2.0	×19	2. 4	1.9	1.5	2.5	1.9	1.6	2.2	1.8	1.5
24	2.4	2.5	2.3	2.5	2.2	1.9	2.5	1.8	1.7	2. 3	1.8	1.4	2.3	1.7	1.4	2.0	1.5	1.4
26	1.9	2. 1	2.2	2.0	2.0	1.8	2.0	1.8	1.5	2. 1	1.8	1.4	2.0	1.5	1.4	1.7	1.3	1.3
28	1.5	1.7	1.8	1.6	1.7	1.7	1.6	1.5	1.4	1.7	1.7	1.4	1.8	1.4	1.4	1.6	1.3	1.2
30	1.1	1.3	1.4	1.3	1.4	1.6	1.2	1.4	1.4	1.4	1.5	1.3	1.5	1.3	1.2	1.4	1.2	1.1
32	0.9	1.0	1.1	1.0	1.1	1.2	0.9	1.1	1.2	1.1	1.4	1.3	1.2	1.2	1. 1	1.2	1.0	0.9
34	0.6	0.7	0.8	0.7	0.8	0.9	0.7	0.8	0.9	0.8	1.1	1.3	0.9	1.1	1.0	0.9	0.9	0.8
36			0.6		0.6	0.7		0.6	0.7	0.6	0.8	1.0	0.7	0.9	1.0	0.7	0.8	0.8
38											0.6	0.8		0.7	0.9		0.7	0.7
40												0.6			0.7			0.6
Telescoping code of boom section		22221			22222			33333			22221			22222			33333	

Notes on rated load charts:

- 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 working radius shown in the rated load charts is the radius when load is lifted off the ground, and it is the actual value including loaded boom deflection which should be taken into consideration before lifting.
- 2. A lifting operation is permissible only when wind force is below grade 5 (instantaneous wind speed is 14.1 m/s, wind pressure is 125 N/m²).
- 3. Before lifting operation, operator should know the weight of load to be lifted and its working range, and then select proper working condition. Never operate the crane beyond the limit shown in tables. Use the next lower value when boom length or working radius is between the figures in the tables.

- 4. Observe the boom angle limit. Never operate the crane with the boom angle beyond the recommended limit even if a load is not being carried. Otherwise, the crane will tip.
- 5. The total rated load for single top is the same as that for boom, and the max. lifting load should not exceed 5000 kg.
- 6. Total rated load shown in tables is the value without the jib attached. When operating the boom with the jib attached, at least 2000 kg must be deducted according to the actual conditions.

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Working Areas of Crane (on fully-extended outriggers)

(on half-extended outriggers)

93°

