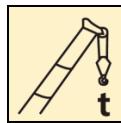
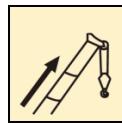


# XCA350L8 ALL TERRAIN CRANE

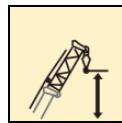
## TECHNICAL SPECIFICATIONS



350 t



92 m



126 m

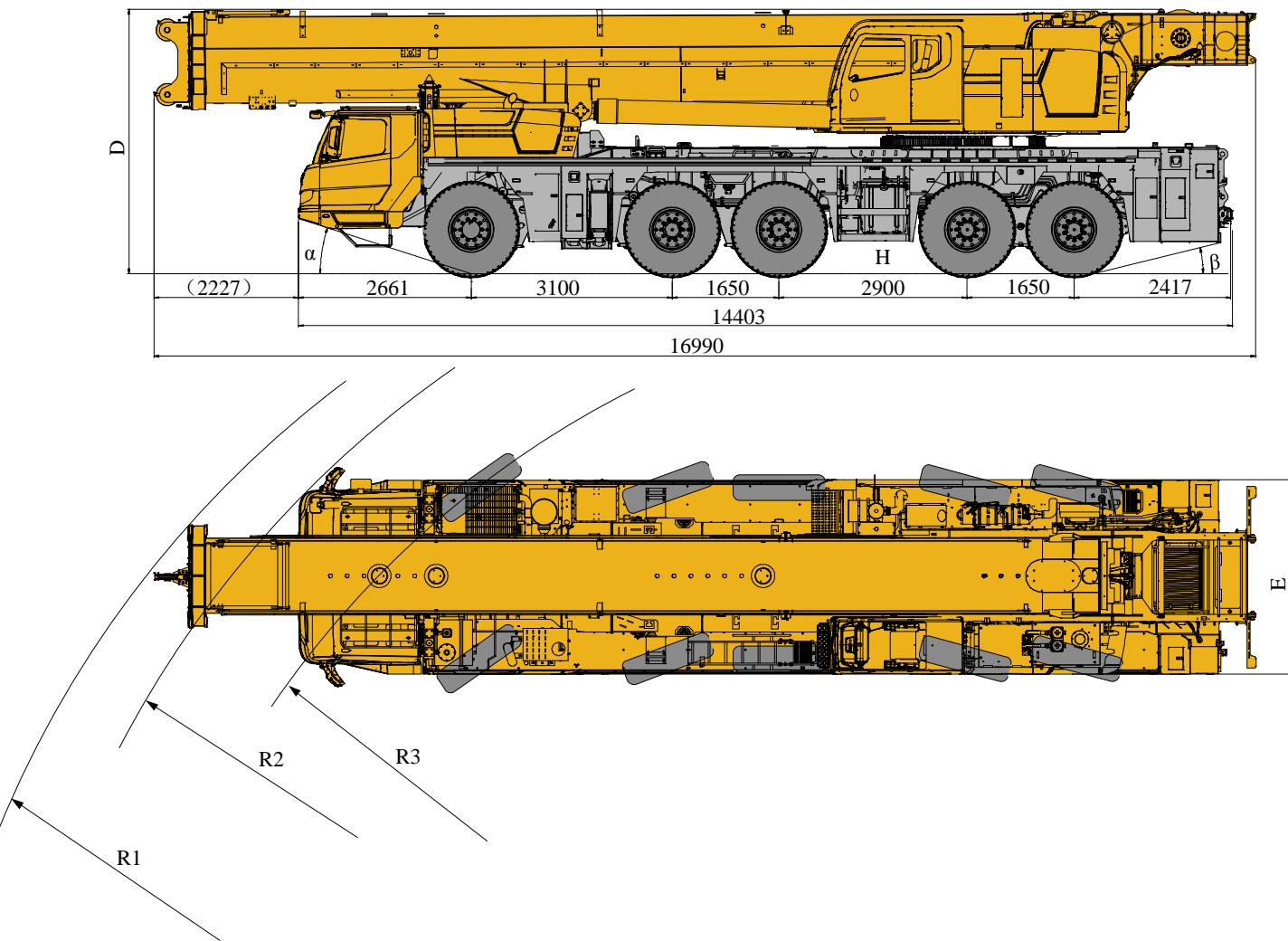


9th edition, January 2024

## Contents

Dimensions	3
Technical specifications	4-5
Configuration and equipment	6
Weight/working speed	7-8
Counterweight	9
Dimensions of parts to be transported	10-14
Boom / Jib combinations	15-17
Boom	18-29
Boom+super lift	30-39
Boom+fixed jib	40-57
Table of main technical parameters	58-59
Description of symbols	60
Notes	61

## Dimensions



	$\alpha(^{\circ})$	$\beta(^{\circ})$	D(mm)	E(mm)	H ( mm )	R1 ( mm )	R2 ( mm )	R3 ( mm )
445/95R25	19	14	4000	3000	359	12310	11350	9700

## Technical specifications

 <b>Chassis</b>	
<b>Frame</b>	The frame, designed and manufactured by XCMG, is made of high-strength steel with fully-covered walking surface and anti-torsion box-typed structure.
<b>Outriggers</b>	Four outriggers arranged in H-shape are hydraulically controlled by control levers. Double-stage outrigger beam is adopted. There is an outrigger control station located at each side of the chassis, and there is a level gauge, an illuminator and two speed buttons on each control station. There is a check valve fitted in each outrigger cylinder, and a double-way hydraulic valve fitted in each jack cylinder. Float dimension: 600 mm×600 mm Reaction force of outrigger at max. lifting load: front outrigger: 1060 kN; rear outrigger: 1520 kN
<b>Engine</b>	WP13.550E62, in-line, 6-cylinder, water cooled, electric control diesel engine, made by Weichai, with rated power of 405 kW/1900 rpm and max. torque of 2500 Nm/950-1400 rpm. Max. reference torque: 2632 Nm; Compliant with China VI emission standard.  Fuel tank capacity: 592 L AdBlue/DEF tank capacity: 34.3 L K1356-60, in-line, 6-cylinder, water cooled, electric control diesel engine, made by Weichai, with rated power of 412 kW/1900 rpm and max. torque of 2500 Nm/950-1400 rpm. Compliant with China VI emission standard.  Fuel tank capacity: 592 L AdBlue/DEF tank capacity: 45 L
<b>Hydraulic system</b>	The pump set, connected to the PTO port of the engine, controls the outriggers, steering system, suspension and independent hydraulic cooling system.
<b>Transmission</b>	FAST automatic transmission with retarder brake; 12 forward gears and 2 reverse gears available.
<b>Transfer case</b>	Mechanical transfer gear made by Zhuzhou Gear with high/low speed, is equipped with emergency steering pump.
<b>Axle</b>	High strength axle is equipped with disc brake Axles 2, 3, 4 and 5 for driving.
<b>Suspension system</b>	Hydro-pneumatic suspension system has good shock-absorbing effect. Various functions such as automatic leveling, moving up and down of suspension, and switching over of elastic and rigid suspension are available.
<b>Tires</b>	10 tires and 1 spare tire, each axle is equipped with single tire, with large bearing capacity. Tire specifications: 445/95R25.
<b>Brake system</b>	Service brake: double-circuit air pressure brake acting on all wheels. Parking brake: spring applied brake, acting on the wheels of axles 2-5. Auxiliary brake: engine retarder brake, transmission retarder brake; safe and reliable, with longer service life of brake lining.
<b>Steering system</b>	All axles steering, advanced technology of electro-hydraulic proportional steering control is suitable for various demands of working conditions and several steering modes can be realized.
<b>Driver's cab</b>	New full dimension steel structure cab, with suspension connecting structure, is equipped with shock absorbers at the rear of the cab. It is equipped with adjustable seats, safety glass, electrically operated door window lifter, electric-adjustable mirrors, steering wheel adjustable in height and angle, reverse display, large screen liquid crystal display and CD player, etc. New combined central control panel is reasonably arranged with arc shape adopted, presenting human-oriented design concept. Heater and air conditioner are standard.
<b>Electrical system</b>	DC 24 V, two batteries in series.

## Technical specifications

 <b>Superstructure</b>	
<b>Structure</b>	Designed and manufactured by XCMG, made of high strength steel.
<b>Hydraulic system</b>	Variable plunger pump and gear pump driven by superstructure engine are used for lifting, elevating, telescoping, slewing operations. Domestic electro-hydraulic change valve, matching perfectly and stably with plunger variable pump. Air-cooled hydraulic oil cooler may effectively reduce the oil temperature in the system. Effective volume of hydraulic oil tank: 1100 L
<b>Operating method</b>	The pilot electric proportional control system is equipped with two levers on left and right sides controlling the main movements of the crane, and stepless slewing speed regulation is available.
<b>Winch system</b>	Equipped with Lebus grooved drum, driven by a hydraulic motor, with built-in planetary gear reducer, constant closed brake and balance valve. Wire rope has a rope head, which is directly installed in pouch socket. Time for replacing wire rope is shortened, the replacement is easy and fast.
<b>Slewing system</b>	A single-row, four-point contact-ball external 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 stepless speed regulation are available.
<b>Operator' cab</b>	Large safety glass, sliding door, adjustable seat with 20° tilting are adopted. Safety glass and top protective rails, LMI, electric windshield wipers, engine accelerator pedal, engine start switch and windshield visor, etc. are also available. Heater and air conditioner are standard.
<b>Safety device</b>	Hydraulic counterbalance valve, hydraulic relief valve, hydraulic double-way valve and LMI are available. Lowering limiter is equipped in winch to prevent rope over-releasing. Anti-two block is fitted on the boom head to prevent rope over-winding. Anemometer is equipped to check whether aerial wind velocity is in safe working range. Winch monitoring device is equipped to monitor the winch status in real time.
<b>LMI</b>	When the actual load moment is approaching the overloading value, audible and visual warning will be sent out, and the dangerous operation will be automatically cut off before overloading occurs. Overload memory function (black box) and fault diagnosis function are available.
<b>Combined counterweight</b>	100 t in total, variable position of 0.5 m Counterweight combinations: 0 t, 6 t, 17 t 27 t, 45 t, 56 t, 70 t, 88 t, 100 t
<b>Electrical system</b>	DC 24 V, two batteries in series.
<b>Hook block</b>	90 t Hook block
<b>Wireless remote control Device</b>	Wireless remote control device can be used to carry out the remote control of main operations (telescoping, luffing, winch, slewing), superlift, auxiliary operations (operator' cab, counterweight cylinder, turntable locking pin) and chassis outrigger operations, also for engine operations and lights control, improving the convenience and security of crane operations.
<b>Boom</b>	8-section boom with U cross-section, welding structure. Single-cylinder pinning telescoping system is adopted. One double-acting cylinder with safety valve is used for controlling the telescoping movements of all boom sections with various telescoping pattern available. Boom length: 15.3 m~92 m
<b>Jib</b>	Lattice structure with 0°, 20° and 40° jib offset angles available. Jib fixed sections length in boom operation modes: 10/14/18 m Jib fixed sections length in boom + super lift operation modes: 16/20/24 m Luffing length of 10.5/18.5/26.5 m
<b>Super lift</b>	Y-shaped, installed at top of base boom, with wire rope with 2 parts of line available. Intelligent auxiliary tensioning function and emergency function are added.
<b>Engine</b>	WP7G300E473, in line six-cylinder, water cooled, high pressure common rail, diesel engine, manufactured by Weichai, with rated power of 221 kW/2200 rpm, max. torque of 1200 Nm/1400-1600 rpm, compliant with off-road China Stage IV emission standard. Fuel tank capacity: 330 L

## Configuration and equipment

Configuration	Function	Selection
<b>Standard version</b>	<b>Boom</b> , eight-section boom of 92 m	
<b>Full configuration</b>	<b>Boom+super lift+fixed jib</b> , eight-section boom of 92 m, fixed jib of 50.5 m	

Optional equipments		Selection
<b>Hook block</b>	165t hook, 40t hook, 13.5t hook	
<b>Engine preheating device</b>		
<b>Super lift</b>		

**Note:** The optional equipment is universal and can be selected for both versions.

## Weight



Axle	1	2	3	4	5	Total weight
t	9.5	9.8	11.8	12	11.9	55
t	12	12	12	12	12	60
t	17.7	17.7	15	15	15	81
t	15	15	19	19	19	87
t	18.8	18.8	20.1	20.1	20.1	98
t	17	17	22.9	22.9	22.9	103
t	21.5	21.5	20.2	20.2	20.2	104
t	23.5	23.5	24.3	24.3	24.3	120

(1) 55 t: declared crane travel configuration

Superstructure: 2nd-8th boom sections, counterweight and counterweight fixture, fixed jib, super lift, hook blocks, main winch rope, guardrail, platform and handrail are excluded.

Chassis: rear outrigger beams, spare tire and spare tire bracket, and outrigger floats are excluded.

Driving mode: 10×8; tire specifications: 445/95R25

(2) 60 t:

Superstructure: 4th-8th boom sections, counterweight, fixed jib, super lift, hook blocks, main winch rope and guardrail are excluded.

Chassis: front outrigger beams, rear outrigger beams, spare tire and spare tire bracket, and outrigger floats are excluded.

Driving mode: 10×8; tire specifications: 445/95R25

(3) 81 t: all boom sections, all outriggers and outrigger floats

(4) 87 t: 81 t + fixed counterweight of 6 t (at the rear tail of the turntable)

(5) 98 t: 81 t + fixed counterweight of 6 t (at the rear tail of the turntable) + counterweight base of 11 t (under the luffing cylinder)

(6) 103 t: 81 t + fixed counterweight of 6 t (at the rear tail of the turntable) + counterweight base of 11 t (under the luffing cylinder) + outrigger pads

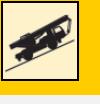
(7) 104 t: 81 t + super lift + fixed counterweight of 6 t (at the rear tail of the turntable) + outrigger pads

(8) 120 t: 81 t + super lift + fixed counterweight of 6 t (at the rear tail of the turntable) + counterweight base of 11 t (under the luffing cylinder) + counterweight of 10 t (at the rear tail of the turntable)

## Working speed

	Hook block	Parts of line	Weight of hook block	Hook dimension	Remark
	165 t	14	1900	2100×700×850	Double hook blocks (optional)
	90 t	7	1400	1800×700×600	Double hook blocks
	40 t	3	1100	1600×700×450	Single hook block (optional)
	13.5 t	1	470	900×500×500	Single hook block (optional)

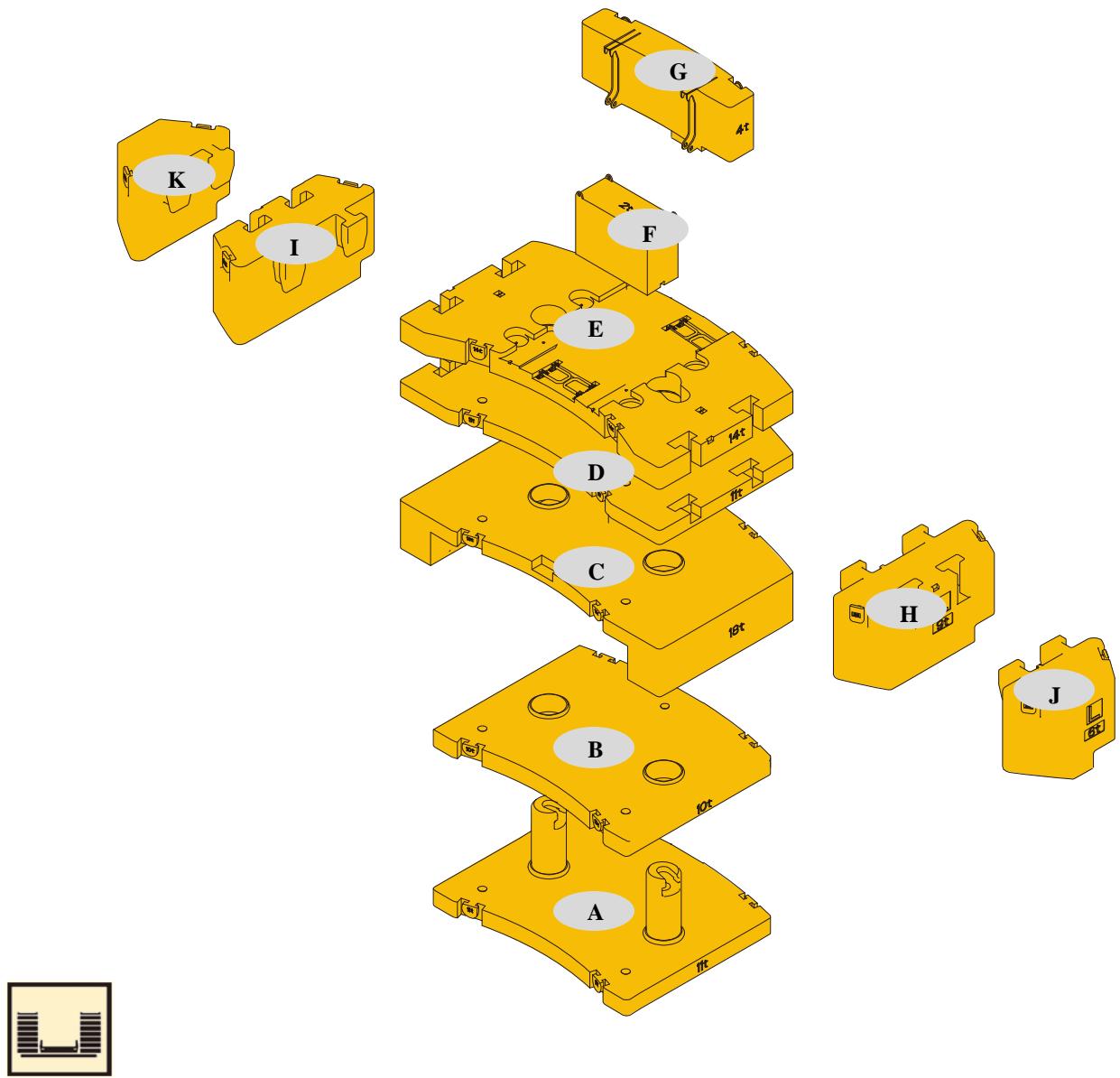
  

			
445/95R25		1~80	60%

	Operation mechanism	Working speed	Max. single line pull	Rope diameter/ length
	0-120 m/min, single line, at outermost layer		13.5 t	24 mm/410 m
	0-1.2 r/min			
	Approx. 90 s for boom luffing from 0° to 83°			
	Approx. 1100 s for boom extending from 15.3 m to 92 m			

# Counterweight



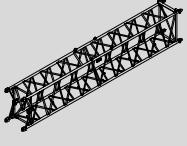
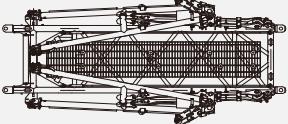
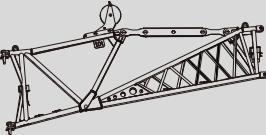
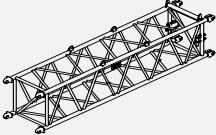
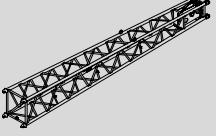
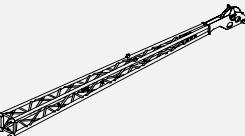
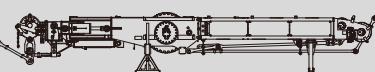
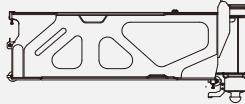
Counterweight	A	B	C	D	E	F	G	H	I	J	K
Dimensions (L×W×H) mm	2990×243 5×1050	2990×243 5×257	4000×243 5×669	4000×243 5×223	4000×243 5×293	1100×470 ×850	2300×500 ×790	2207×950 ×1040	2207×950 ×1040	1601×101 0×1040	1601×101 0×1040
Weight t	11	10	18	11	14	2	4	9	9	6	6

Operation mode	100t	88t	70t	56t	45t	27t	17t	6t	0t
Combinations	F+G+A+B+C+ D+E+H+I+J+ K	F+G+A+B+C+ D+E+H+I	F+G+A+B+C+D+ E	F+G+A+B+C +D	F+G+A+B +C	G+F+ A+B	F+G +A	F+G	—

## Dimensions of parts to be transported

Name	Illustration	Weight	Qty	Dimensions
2-8 boom sections		22500	1	15500×2200×2100
13.5 t hook block (optional)		470	1	900×500×500
40 t hook block (optional)		1100	1	1600×700×450
90 t hook block		1400	1	1800×700×600
165 t hook block (optional)		1900	1	2100×700×850
Main winch rope		1250	1	410×24
Connecting bracket assembly		900	1	8700×1000×1700

## Dimensions of parts to be transported

Name	Illustration	Weight	Qty	Dimensions
Boom extension		500	2	4200×1200×1700
Wing-type connecting bracket assembly		1400	1	6200×2100×2100
Folding bracket assembly		1100	1	5300×1000×1800
Extension I		500	1	8100×900×1200
1st jib section assembly		600	1	7700×900×1100
2nd jib section assembly		500	1	8100×600×800
Super lift		12170	1	9750×2000×1750
Rear outrigger beam assembly		2000	2	2850×1250×450
Extension cylinder		80	2	2100×300×150

## Dimensions of parts to be transported

Name	Illustration	Weight	Qty	Dimensions
Rear jack cylinder		280	2	1200×350×350
Tires		321	1	1485×1485×445
Spare tire bracket		66	1	2000×353×376
Front outrigger float		70	2	600×600×200
Rear outrigger float		70	2	700×600×200
Pad support		450	1	2300×1450×450
Outrigger pad		1246	4	2000×2000×204

## Dimensions of parts to be transported

Name	Illustration	Weight	Qty	Dimensions
Counterweight slab A		11000	1	2990×2435×1050
Counterweight slab B		10000	1	2990×2435×257
Counterweight slab C		18000	1	4000×2435×669
Counterweight slab D		11000	1	4000×2435×223
Counterweight slab E		14000	1	4000×2435×293
Counterweight slab F		2000	1	1100×470×850
Platform and guardrail		17	1	1000×800×150
		16	1	1000×850×150
		15	1	1100×1050×150

## Dimensions of parts to be transported

Name	Illustration	Weight	Qty	Dimensions
Counterweight slab G		4000	1	2300×500×790
Counterweight slab H		9000	1	2207×950×1040
Counterweight slab I		9000	1	2207×950×1040
Counterweight slab J		6000	1	1601×1010×1040
Counterweight slab K		6000	1	1601×1010×1040
Counterweight cylinder		120	2	700×450×250

## Boom/ Jib combinations



Boom

Super lift + boom

T:15.3-92 m

T:40.5-92 m

## Boom/ Jib combinations



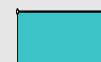
Fixed jib

T:45.5-85.9 m  
V : 10m, 14m, 18m  
F : 10.5m, 18.5m, 26.5m  
 $\alpha$  : 0°, 20°, 40°

Super lift+ fixed jib

T:45.5-85.9 m  
V : 16m, 20m, 24m  
F : 10.5m, 18.5m, 26.5m  
 $\alpha$  : 0°, 20°, 40°

## Boom/ Jib combinations

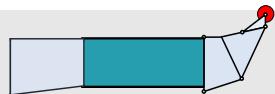
Components	Structure	Dimensions (L×W×H) (mm)	Weight (kg)
Connecting bracket assembly		8700×1000×1700	900
Boom extension		4200×1200×1700	500
Wing-type connecting bracket assembly		6200×2100×2100	1400
Folding bracket assembly		5300×1000×1800	1100
Extension I		8100×900×1200	500
1st jib section assembly		7700×900×1100	600
2nd jib section assembly		8100×600×800	500

## Boom/ Jib combinations

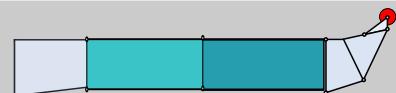
Total length of the fixed jib = length of the fixed sections + length of the luffing sections

1. Length of the fixed sections (with super lift):

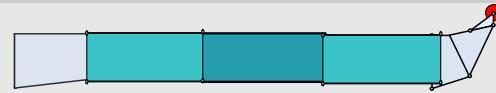
16 m jib



20 m jib

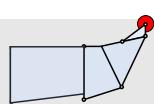


24 m jib

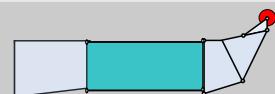


2. Length of the fixed sections (without super lift):

10 m jib



14 m jib



18 m jib

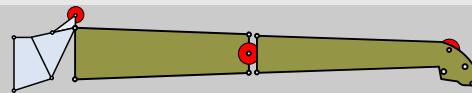


3. Length of the luffing sections (m)

10.5 m jib



18.5 m jib

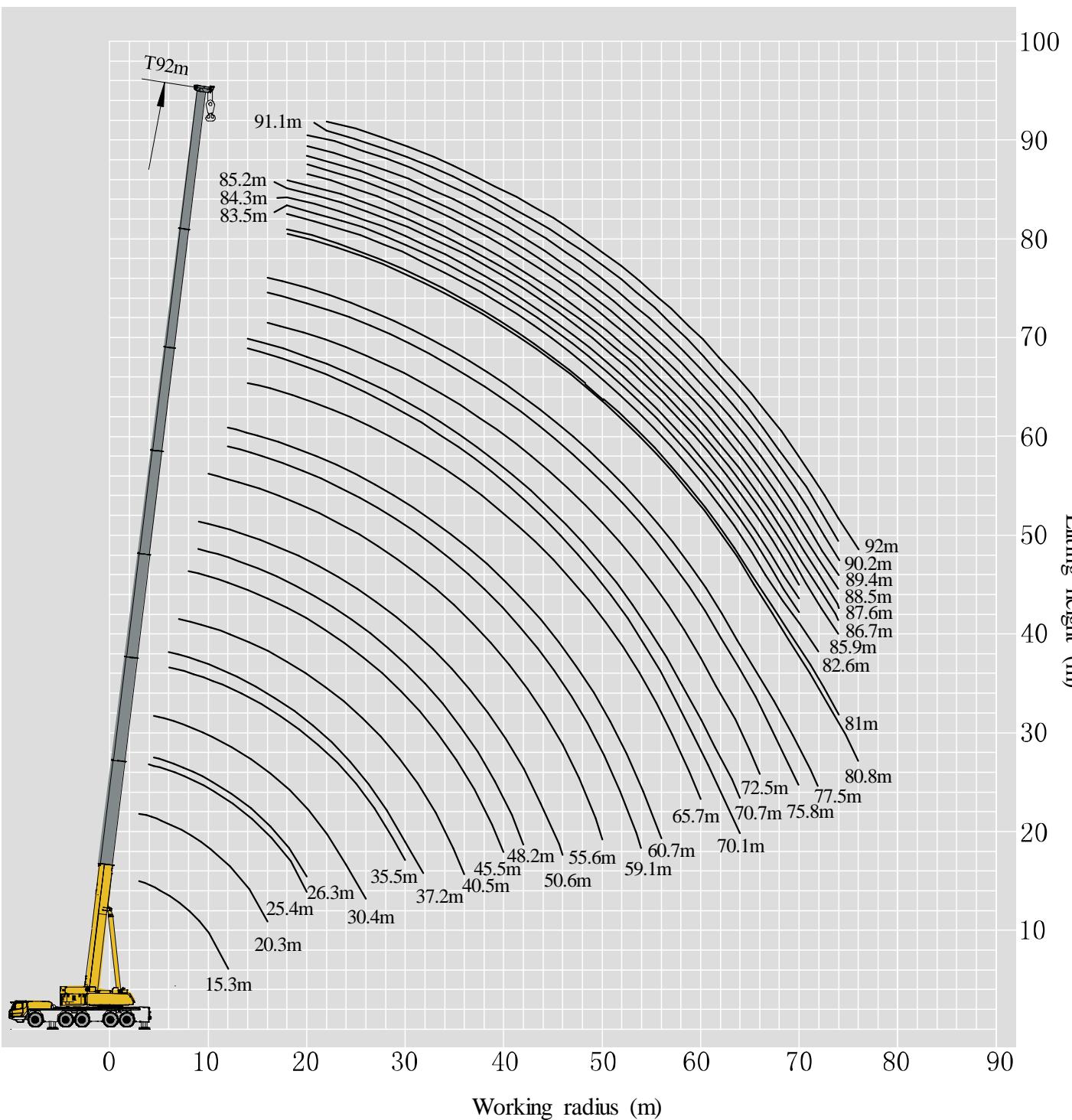


26.5 m jib



## Lifting height chart

Boom



# Lifting load chart- Counterweight in the rear

T 15.3~30.4m

	15.3-25.4m	T	9.3m×8.3m	360°	100t						
	15.3	20.3	20.3	20.3	20.3	20.3	20.3	25.4	25.4		m
2.4	350*										2.4
3	165.0	77.7	151.6	165.0	165.0	164.9	165.0				3
3.5	165.0	73.7	143.0	162.6	162.6	162.6	162.6				3.5
4	165.0	69.7	132.3	160.7	159.0	160.7	158.1	157.3	43.8	74.0	4
4.5	158.0	66.5	123.0	156.2	156.0	156.8	155.0	152.0	41.1	70.7	4.5
5	148.0	63.3	114.8	148.0	148.0	148.0	147.0	143.6	39.4	67.5	5
6	135.0	58.1	102.0	130.0	132.0	131.0	130.0	130.0	35.6	63.4	6
7	119.0	53.9	91.0	116.2	117.0	117.7	116.0	115.0	32.3	58.9	7
8	106.0	50.4	81.6	104.0	105.0	105.0	104.0	103.0	29.8	55.2	8
9	94.0	47.2	74.5	92.4	93.0	94.0	93.0	92.4	27.7	52.0	9
10	83.0	44.0	68.6	83.6	81.9	85.3	84.0	81.9	25.5	48.8	10
12	67.0	39.7	58.7	67.7	68.8	71.0	70.1	69.1	22.3	42.2	12
14		36.4	51.1	58.7	59.5	61.4	60.5	59.5	20.0	37.5	14
16		33.1	45.6	51.3	50.4	50.0	49.1	48.0	18.1	33.3	16
18									16.6	29.8	18
20									15.1	27.2	20
Code	0000000	0000001	0000010	0000100	0001000	0010000	0100000	1000000	0000002	0000011	Code
n	14	7	13	14	14	14	14	14	4	6	n

	25.4-30.4m	T	9.3m×8.3m	360°	100t						
	25.4	25.4	25.4	25.4	25.4	25.4	26.3	30.4	30.4	30.4	m
4	119.9	158.0	158.0	157.1	156.1	156.1					4
4.5	112.7	155.0	154.0	154.0	153.0	152.1	33.9	41.8	40.8	62.3	4.5
5	106.0	146.0	145.0	144.0	143.0	142.1	32.1	39.6	39.4	61.0	5
6	94.2	131.0	130.0	129.0	128.0	127.0	29.2	35.3	35.9	57.0	6
7	85.0	116.0	115.0	114.0	114.0	112.0	26.4	32.3	32.4	54.2	7
8	77.2	104.0	103.0	102.0	102.0	97.7	24.2	29.5	29.6	51.5	8
9	70.5	94.0	93.0	92.0	92.0	89.0	22.3	27.3	27.5	48.7	9
10	65.2	86.0	85.0	84.0	84.0	81.0	20.7	25.1	25.4	45.9	10
12	56.6	72.0	71.0	69.1	68.2	68.2	18.3	22.3	21.9	41.3	12
14	50.2	62.0	61.0	59.1	58.6	58.2	16.3	19.8	19.4	36.9	14
16	44.4	54.0	53.1	52.1	49.8	50.2	14.7	17.6	17.5	33.3	16
18	40.6	47.0	45.1	44.2	43.2	41.4	13.3	15.9	15.9	30.1	18
20	36.6	41.4	39.3	37.8	36.3	35.5	12.3	14.6	14.5	27.1	20
22								13.5	13.3	25.1	22
24								12.4	12.2	23.1	24
26								11.6	11.3	21.4	26
Code	0000110	0001100	0011000	0110000	1100000	2000000	0000003	0000012	0000021	0000111	Code
n	10	13	13	13	13	13	3	4	4	5	n

\*Capacity class.

## Lifting load chart- Counterweight in the rear

T 30.4~40.5m

	<b>30.4</b>	<b>30.4</b>	<b>30.4</b>	<b>30.4</b>	<b>30.4</b>	<b>35.5</b>	<b>35.5</b>	<b>35.5</b>	<b>35.5</b>	<b>35.5</b>	<b>4.5</b>
4.5	123.5	135.7	132.7	132.7	132.7						4.5
5	117.5	135.7	131.1	130.2	130.2						5
6	111.7	128.0	127.0	126.0	126.0	30.2	37.2	37.4	71.3	112.7	6
7	101.2	115.0	114.0	112.0	112.0	27.3	34.4	34.2	68.0	109.4	7
8	91.9	104.0	103.0	101.0	101.0	24.8	31.5	31.4	64.8	100.9	8
9	84.3	94.0	93.0	92.0	91.0	23.2	29.0	29.3	61.5	94.0	9
10	77.7	87.0	83.3	84.0	83.0	21.6	27.1	27.1	58.5	86.0	10
12	67.4	74.0	69.1	69.6	70.0	18.7	24.1	23.9	53.6	74.0	12
14	58.5	64.0	59.2	58.6	59.8	16.6	21.5	21.3	49.2	64.0	14
16	51.3	55.0	50.6	49.8	50.9	14.9	19.4	19.2	44.2	57.0	16
18	45.9	49.0	44.1	43.2	43.2	13.5	17.8	17.5	40.6	50.0	18
20	42.3	41.4	38.7	37.0	36.8	12.2	16.3	16.1	36.3	45.0	20
22	36.5	35.0	33.4	31.5	30.9	11.2	15.0	14.8	33.0	39.0	22
24	32.0	30.6	29.0	27.2	26.5	10.5	13.9	13.8	32.4	31.7	24
26	28.3	26.9	25.3	23.5	22.9	9.7	13.0	12.9	29.6	28.1	26
28						9.0	12.2	12.0	26.5	25.0	28
30						8.3	11.5	11.2	23.9	22.4	30
Code	0001110	0011100	0111000	1110000	1200000	0000022	0000112	0000121	0001111	0011110	Code
n	10	11	11	11	11	3	3	3	6	9	n

	<b>35.5</b>	<b>35.5</b>	<b>35.5</b>	<b>37.2</b>	<b>40.5</b>	<b>40.5</b>	<b>40.5</b>	<b>40.5</b>	<b>40.5</b>	<b>40.5</b>	<b>4.5</b>
6	111.8	110.9	110.0	23.6							6
7	108.5	106.6	106.6	21.8	26.9	33.0	35.4	38.5	46.6	72.1	7
8	100.0	99.0	98.0	20.0	25.6	30.0	32.7	35.7	43.5	70.4	8
9	93.0	91.0	91.0	18.9	23.6	27.3	30.6	32.9	40.3	67.0	9
10	85.0	84.0	83.0	17.7	22.1	25.3	28.9	30.7	37.0	65.6	10
12	73.0	71.0	71.0	15.2	19.6	22.4	25.4	27.2	32.2	62.3	12
14	63.0	61.0	61.0	13.5	17.7	19.5	22.9	24.3	28.1	58.0	14
16	53.9	54.0	53.0	12.2	15.9	17.6	20.8	21.3	24.9	53.1	16
18	47.0	44.2	44.2	11.1	14.5	15.8	19.1	19.6	22.4	49.0	18
20	39.6	37.8	37.4	10.1	13.4	14.3	17.6	17.8	20.1	42.5	20
22	35.0	32.5	32.0	9.2	12.3	13.2	16.2	16.3	18.4	37.3	22
24	30.0	28.1	27.6	8.3	11.4	12.1	15.2	14.9	16.9	32.9	24
26	26.4	24.5	24.0	7.7	10.6	11.0	14.4	13.8	15.6	29.2	26
28	23.3	21.4	21.0	7.2	9.9	10.3	13.4	12.7	14.5	26.1	28
30	20.8	18.9	18.4	6.8	9.2	9.6	12.6	12.0	13.6	23.5	30
32				6.4	8.7	8.9	12.0	11.2	12.8	21.3	32
34					8.3	8.5	11.5	10.5	11.9	19.3	34
36					7.9	8.0	10.9	9.9	11.0	17.6	36
Code	0111100	1111000	1120000	0000033	0000122	0000221	0001112	0001211	0002111	0011111	Code
n	9	9	9	2	3	3	3	3	4	6	n

## Lifting load chart- Counterweight in the rear

	40.5	40.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
7	100.9	100.0										
8	96.9	95.0	24.1	25.7	32.9	34.1	43.2	47.5	71.9	63.1	8	
9	92.0	90.0	22.7	24.4	30.8	32.1	40.9	44.3	68.5	58.7	9	
10	85.0	83.0	21.4	23.0	28.7	29.9	38.3	41.1	65.2	54.8	10	
12	73.0	71.0	18.7	20.7	24.8	26.5	33.8	35.7	61.1	47.6	12	
14	63.0	62.0	16.8	18.6	21.7	24.3	29.3	30.7	59.2	41.8	14	
16	54.9	52.9	15.3	16.9	19.5	22.2	26.4	27.4	53.2	37.0	16	
18	48.0	46.1	13.9	15.5	17.5	20.3	23.9	24.9	46.9	32.3	18	
20	41.4	40.3	13.0	14.3	15.9	18.8	22.1	22.4	41.9	29.4	20	
22	35.5	34.0	12.0	13.2	14.5	17.4	20.1	20.7	36.8	26.6	22	
24	31.1	29.1	11.1	12.4	13.3	16.3	18.3	18.6	32.2	24.8	24	
26	27.5	25.5	10.4	11.4	12.2	15.5	17.0	16.9	28.5	22.4	26	
28	24.4	22.4	9.5	10.7	11.4	14.4	16.1	16.1	25.6	20.6	28	
30	21.8	19.9	8.7	10.0	10.6	13.7	14.9	14.8	23.5	19.2	30	
32	19.6	17.7	8.3	9.6	9.9	13.0	14.0	13.6	21.0	17.7	32	
34	17.6	15.7	7.7	8.9	9.1	12.6	12.8	12.7	19.0	16.4	34	
36	15.9	14.0	7.3	8.5	8.4	11.9	12.0	11.9	16.9	15.4	36	
38			6.9	8.1	8.0	11.5	11.4	11.2	15.4	14.0	38	
40			6.5	7.7	7.5	11.1	10.7	10.5	14.1	12.6	40	
code	0111110	1111100	0000222	0001122	0002211	0011112	0012111	0021111	0111111	0211110	code	
n	8	8	2	2	3	3	4	4	6	5	n	

	45.5	45.5	48.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
8	89.0	72.6										
9	85.5	68.1	17.4	22.7	24.8	24.6	32.5	39.0	37.1	48.3	9	
10	78.9	63.1	16.3	21.6	23.9	23.2	29.0	36.6	34.9	45.1	10	
12	68.2	54.3	14.5	18.9	21.3	21.2	25.1	31.0	31.0	39.3	12	
14	60.1	46.9	13.0	17.0	18.9	19.2	22.9	27.9	28.7	34.7	14	
16	52.4	40.8	11.8	15.3	17.1	17.6	20.7	24.8	26.3	30.5	16	
18	46.1	35.9	10.8	14.1	15.5	16.2	18.7	22.3	24.3	27.2	18	
20	40.0	32.0	10.0	13.0	14.2	14.9	17.3	20.1	22.7	24.8	20	
22	35.0	29.1	9.3	12.1	13.3	13.9	15.9	18.4	21.1	22.8	22	
24	30.2	26.3	8.7	11.4	12.4	13.0	14.5	16.7	20.7	20.8	24	
26	26.5	22.0	8.0	10.7	11.3	12.2	13.5	15.4	19.9	19.0	26	
28	23.5	20.0	7.6	10.0	10.6	11.5	12.7	14.4	19.0	17.3	28	
30	20.9	18.6	7.1	9.4	9.8	10.8	11.7	13.3	17.9	16.3	30	
32	18.7	17.0	6.7	8.7	8.9	10.3	11.0	12.2	17.4	15.1	32	
34	16.7	15.1	6.3	8.4	8.3	9.6	10.4	11.2	16.8	14.2	34	
36	15.1	13.4	5.9	7.9	7.8	9.2	9.8	10.7	16.3	13.3	36	
38	13.6	11.9	5.6	7.4	7.4	8.8	9.2	9.9	15.8	12.5	38	
40	12.2	10.5	5.3	7.0	6.8	8.4	8.8	9.4	14.8	11.6	40	
42			4.9	6.6	6.4	8.0	8.4	8.5	13.7	10.7	42	
44				6.2	6.0	7.6	8.0	8.1	12.6	9.9	44	
46				6.0	5.6	7.3	7.5	7.6	11.6	8.0	46	
code	1111110	2111100	0000333	0001222	0002211	0011122	0012112	0021111	0111112	0211111	code	
n	7	6	2	2	2	2	3	3	3	4	n	

## Lifting load chart- Counterweight in the rear

T 50.6~55.6m

		50.6-55.6m	T	9.3m×8.3m	360°	100t							
	m	50.6	50.6	50.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	m	
9		69.7	59.0	63.2									9
10		66.3	55.6	58.7	20.5	21.6	26.5	39.4	43.8	40.2	39.5		10
12		63.2	49.5	52.3	17.7	20.4	24.5	35.9	38.1	36.2	35.8		12
14		56.4	44.3	45.7	16.0	19.0	22.5	32.4	33.8	32.6	32.4		14
16		52.3	39.9	41.1	14.6	17.4	20.6	29.8	30.5	30.4	30.2		16
18		46.6	35.5	33.7	13.2	16.1	19.0	28.1	28.0	28.3	28.1		18
20		41.8	32.1	30.0	12.1	15.0	17.9	26.3	25.5	26.6	26.4		20
22		36.1	29.3	27.4	11.3	14.0	16.6	24.5	23.1	24.8	24.6		22
24		31.9	26.9	24.6	10.6	12.9	15.5	22.1	21.2	23.1	22.9		24
26		28.2	25.0	22.5	9.8	12.2	14.7	20.2	19.4	22.1	21.9		26
28		25.0	23.0	20.2	9.1	11.5	13.9	18.8	18.0	21.3	20.6		28
30		22.5	20.6	20.4	8.6	10.8	13.0	17.5	16.5	20.4	19.7		30
32		20.8	18.3	17.9	8.2	10.0	12.3	16.4	15.2	19.4	18.8		32
34		18.3	16.4	16.0	7.7	9.3	11.8	15.1	14.2	18.4	17.8		34
36		16.0	14.7	14.3	7.3	8.9	11.1	14.1	13.3	16.8	16.7		36
38		14.5	13.2	12.9	7.0	8.2	10.4	13.1	12.3	15.3	15.2		38
40		13.2	11.9	11.5	6.5	7.8	10.0	12.5	11.3	14.0	13.8		40
42		12.0	10.7	10.3	6.1	7.4	9.6	11.6	10.6	12.8	12.6		42
44		10.9	9.6	9.3	5.8	7.0	9.3	11.0	10.1	11.7	11.6		44
46		9.9	8.6	8.3	5.5	6.6	8.9	10.5	9.2	10.7	10.6		46
48					5.2	6.3	8.6	10.0	8.7	9.8	9.7		48
50					4.8	6.1	8.4	9.4	8.1	9.0	8.9		50
Code	1111111	1211110	2111110	0002222	0012122	0111122	0211112	0221111	1111112	1111121	Code		
n	6	5	5	2	2	3	4	4	4	4	4		n

## Lifting load chart- Counterweight in the rear

T 55.6~60.7m

	55.6-60.7m	T	9.3m×8.3m	360°	100t						
	55.6	55.6	55.6	59.1	60.7	60.7	60.7	60.7	60.7	60.7	m
10	53.1	57.2	50.5								10
12	47.6	49.2	45.3	13.2	17.2	19.8	19.4	32.5	27.8	37.4	12
14	42.7	44.0	41.2	12.3	16.6	18.4	18.0	30.5	25.7	31.4	14
16	37.2	39.5	35.2	11.1	14.9	16.5	16.9	27.8	23.5	29.1	16
18	33.8	35.5	32.0	10.1	13.8	15.0	15.9	26.0	22.1	26.9	18
20	27.3	31.8	28.2	9.3	12.7	13.8	14.8	23.4	20.4	24.6	20
22	24.8	29.0	25.3	8.7	11.6	12.8	13.8	21.5	19.4	22.5	22
24	23.4	27.0	22.4	8.0	10.8	11.7	12.8	19.6	18.1	20.9	24
26	21.8	24.5	20.5	7.3	10.1	10.9	12.1	17.9	17.1	19.6	26
28	20.3	23.0	18.6	7.0	9.4	10.2	11.4	16.7	16.2	18.1	28
30	18.8	18.5	17.0	6.5	8.8	9.4	10.7	15.5	15.3	17.0	30
32	18.6	16.8	15.3	6.2	8.4	9.0	10.1	14.3	14.8	16.1	32
34	17.3	15.5	14.2	5.9	7.9	8.5	9.4	13.4	13.9	15.1	34
36	15.6	14.0	13.0	5.6	7.5	8.1	8.9	12.4	13.4	14.2	36
38	14.1	12.8	11.5	5.3	7.1	7.6	8.5	11.4	12.9	13.2	38
40	12.8	11.5	10.2	5.0	6.7	7.1	8.0	10.4	12.0	12.6	40
42	11.6	11.3	10.1	4.8	6.5	6.7	7.6	9.9	11.5	11.7	42
44	10.5	10.2	9.0	4.6	6.2	6.3	7.4	9.4	11.0	11.0	44
46	9.6	9.2	8.1	4.4	5.8	5.9	7.0	8.7	10.5	10.0	46
48	8.7	8.3	7.2	4.2	5.6	5.5	6.6	8.1	10.1	9.1	48
50	7.9	7.5	6.4	3.9	5.4	5.2	6.4	7.6	9.5	8.3	50
52				3.7	5.0	4.8	6.2	7.1	8.8	7.6	52
54				3.5	4.8	4.6	6.0	6.5	8.1	6.9	54
56					4.6	4.3	5.8	6.2	7.4	6.3	56
Code	1211111	2111111	2211110	0003333	0012222	0022221	0111222	0222111	1111122	1122111	Code
n	5	5	4	1	2	2	2	3	3	3	n

# Lifting load chart- Counterweight in the rear

T 60.7~65.7m

	60.7-65.7m T 9.3m×8.3m	360°	100t								
	60.7	60.7	60.7	60.7	60.7	65.7	65.7	65.7	65.7	65.7	m
12	36.5	42.0	36.9	41.6	40.6	43.5					12
14	34.0	34.6	34.7	36.7	35.8	35.4	15.1	16.4	20.2	20.3	14
16	32.1	32.6	32.3	34.0	32.2	33.3	14.3	15.5	19.3	19.1	16
18	30.1	29.8	30.3	31.3	29.6	30.0	13.0	14.7	17.5	17.5	18
20	28.2	27.2	28.5	28.0	27.2	27.1	12.0	13.8	16.0	16.1	20
22	23.2	23.3	26.6	25.8	25.3	25.1	11.0	12.7	14.8	14.8	22
24	21.5	22.0	24.9	23.7	23.1	23.2	10.3	11.9	13.7	13.8	24
26	20.5	20.5	23.0	21.0	21.2	21.2	9.6	11.2	12.9	12.8	26
28	19.1	19.4	20.0	19.3	19.5	19.6	8.9	10.5	12.1	12.1	28
30	17.5	18.2	18.6	17.8	18.0	18.1	8.3	9.8	11.3	11.4	30
32	16.3	16.9	17.0	16.2	15.5	15.0	7.9	9.2	10.6	10.7	32
34	15.9	15.7	15.8	14.8	14.4	13.8	7.4	8.7	10.0	10.1	34
36	15.5	14.7	14.5	13.5	13.1	12.6	7.0	8.3	9.5	9.3	36
38	14.7	13.7	13.5	12.3	12.0	11.6	6.7	7.8	9.0	8.6	38
40	13.9	12.6	12.3	11.0	11.0	10.1	6.3	7.4	8.6	8.1	40
42	12.7	11.6	11.1	9.6	9.6	8.9	6.0	7.0	8.1	7.5	42
44	11.5	10.5	10.5	9.0	9.0	8.3	5.8	6.6	7.7	7.1	44
46	10.5	9.5	10.0	8.3	8.0	7.8	5.5	6.3	7.3	6.7	46
48	9.6	8.6	9.1	7.5	7.0	7.3	5.3	6.0	6.8	6.3	48
50	8.8	7.8	8.3	6.8	6.7	6.4	5.1	5.8	6.4	5.9	50
52	8.0	7.1	7.6	6.3	6.2	5.7	4.7	5.6	6.1	5.5	52
54	7.3	6.4	6.9	5.8	5.7	5.0	4.5	5.2	5.8	5.1	54
56	6.5	5.7	6.2	5.2	5.0	4.4	4.3	5.0	5.4	4.8	56
58							4.0	4.7	5.1	4.5	58
60							3.8	4.7	4.9	4.3	60
Code	1211112	1221111	2111112	2211111	2211120	2221110	0022222	0112222	0122221	0222112	Code
n	3	4	3	4	4	4	2	2	2	2	n

# Lifting load chart- Counterweight in the rear

T 65.7~70.7m

	65.7-70.7m	T	9.3m×8.3m	360°	100t						
	65.7	65.7	65.7	65.7	65.7	65.7	65.7	70.1	70.7		m
14	25.7	20.1	26.7	25.2	29.4	32.3	33.8	31.3	10.4	14.9	14
16	24.2	19.2	25.2	23.5	27.2	31.2	30.5	29.3	10.4	14.2	16
18	22.1	18.1	23.0	22.5	25.3	30.1	27.5	26.0	10.0	13.6	18
20	20.3	17.0	21.7	21.2	23.4	27.4	25.8	23.9	9.2	12.6	20
22	18.6	16.0	20.4	19.9	21.4	25.6	23.2	21.8	8.6	11.6	22
24	17.2	15.0	19.0	19.0	19.7	23.6	21.3	19.7	7.7	10.8	24
26	16.0	14.2	17.6	18.1	19.1	21.7	20.0	18.1	7.2	10.1	26
28	15.1	13.4	16.2	17.2	17.8	20.3	18.0	16.5	6.7	9.0	28
30	14.2	12.6	15.2	16.2	17.0	19.2	17.2	15.7	6.3	8.6	30
32	13.2	12.0	14.3	15.5	16.5	17.0	16.1	14.5	6.0	8.1	32
34	12.3	11.3	13.3	14.8	16.0	14.5	14.4	12.8	5.7	7.7	34
36	11.5	10.6	12.8	14.4	15.0	13.5	13.4	12.0	5.4	7.2	36
38	10.6	10.1	11.7	13.8	14.0	12.6	12.4	11.2	5.0	6.8	38
40	10.1	9.5	11.1	13.5	11.9	11.5	11.3	10.3	4.7	6.5	40
42	9.5	9.1	10.2	12.6	11.1	10.5	10.1	9.4	4.6	6.3	42
44	8.6	8.8	9.8	11.9	10.6	9.3	9.1	8.5	4.3	5.9	44
46	8.1	8.4	9.3	11.0	10.1	8.7	8.1	7.6	4.1	5.7	46
48	7.6	8.1	8.8	10.1	9.3	8.0	7.3	6.9	3.9	5.4	48
50	7.1	7.7	8.2	9.3	8.5	7.2	6.4	6.1	3.8	5.2	50
52	6.6	7.5	7.9	8.5	7.8	6.5	5.8	5.4	3.6	5.0	52
54	6.3	7.2	7.2	7.8	7.1	6.1	5.8	4.7	3.4	4.8	54
56	5.8	6.8	6.6	7.2	6.4	5.7	5.2	4.1	3.4	4.6	56
58	5.5	6.3	6.0	6.6	5.8	5.3	4.6	3.7	3.3	4.4	58
60	5.1	5.8	5.5	6.0	5.3	4.8	4.0	3.2	3.1	4.1	60
62									2.9	4.1	62
64									2.7	3.8	64
Code	0222211	1111222	1122211	1211122	1221112	2211112	2221111	2222110	0033333	0122222	Code
n	2	2	3	2	3	3	3	3	1	2	n

# Lifting load chart- Counterweight in the rear

T 70.7~72.5m

	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	72.5	
14	17.1	18.0	21.5	21.0	21.8	23.4	27.1	24.8	22.9	14	m
16	15.8	17.3	20.4	20.1	21.2	22.7	26.8	24.6	22.8	16	m
18	15.0	16.5	19.7	19.1	21.0	21.8	25.1	23.0	21.6	18	m
20	14.0	15.7	18.2	17.7	19.4	21.3	23.7	21.0	20.0	20.5	m
22	13.0	14.9	17.0	16.5	18.0	21.1	22.4	19.7	18.2	18.3	m
24	11.9	14.0	15.8	15.3	16.7	19.8	21.0	18.3	16.8	16.7	m
26	11.1	13.3	14.5	14.1	15.3	18.6	19.6	16.9	15.4	15.3	m
28	10.4	12.6	13.7	13.2	14.3	17.5	18.2	15.4	14.0	14.2	m
30	9.7	11.9	12.9	12.2	13.4	16.7	16.9	14.4	13.0	13.2	m
32	9.0	11.1	12.1	11.3	12.4	15.7	15.7	13.5	12.1	12.3	m
34	8.6	10.3	11.2	10.5	11.5	14.7	13.7	12.5	11.2	11.3	m
36	8.1	9.8	10.4	10.1	10.5	13.9	12.9	11.6	10.5	10.5	m
38	7.7	9.8	10.0	9.3	10.1	12.9	11.9	11.1	9.8	10.0	m
40	7.4	9.3	9.5	8.8	9.6	11.9	10.9	10.3	9.3	9.0	m
42	7.0	9.2	9.1	8.4	9.1	11.0	10.0	9.9	8.8	8.5	m
44	6.6	8.8	8.7	8.0	8.7	9.5	9.0	8.2	8.1	7.5	m
46	6.3	8.4	8.2	7.6	8.2	9.2	8.6	7.9	7.6	7.1	m
48	6.1	8.1	7.7	7.2	7.7	8.6	7.6	7.2	7.2	6.6	m
50	5.8	7.9	7.2	6.8	7.4	7.7	6.9	6.8	6.7	6.3	m
52	5.3	7.7	6.7	6.4	7.2	7.0	6.3	6.0	6.4	5.9	m
54	5.0	7.2	6.3	6.1	6.7	6.3	5.7	5.3	5.0	5.6	m
56	4.7	6.9	5.8	5.6	6.1	6.4	5.3	4.8	4.5	5.0	m
58	4.4	6.6	5.3	5.1	5.6	5.8	4.8	4.3	4.0	4.4	m
60	4.2	6.4	4.8	4.6	5.0	5.3	4.3	3.9	3.6	3.9	m
62	4.0	6.1	4.4	4.1	4.5	4.8	3.8	3.4	3.1	3.4	m
64	3.7	5.6	3.9	3.7	4.0	4.3	3.5	3.0	2.6	2.9	m
66										2.4	m
Code	0222122	1112222	1222112	1222211	1222220	2211122	2221112	2222111	2222210	3322210	Code
n	2	2	2	2	2	2	3	2	2	2	n

# Lifting load chart- Counterweight in the rear

T 75.8~80.8m

	75.8-80.8m T 9.3m×8.3m	T 9.3m×8.3m	360°	100t							
	75.8	75.8	75.8	75.8	75.8	75.8	75.8	77.5	80.8		m
16	12.8	13.5	16.2	19.3	19.9	22.1	20.2	19.5	13.5		16
18	12.6	13.2	16.1	18.5	19.4	22.1	20.2	19.5	13.5	15.5	18
20	12.2	12.7	15.7	17.8	18.9	21.5	19.7	19.1	13.2	15.5	20
22	11.3	12.2	14.6	16.9	18.0	20.0	18.1	17.6	12.5	15.4	22
24	10.6	11.5	13.4	16.2	16.6	19.2	16.4	16.2	11.8	14.5	24
26	9.7	10.8	12.5	15.5	15.3	18.0	15.3	14.8	10.9	13.5	26
28	8.9	10.1	11.7	14.5	14.4	17.0	14.2	13.7	9.8	12.1	28
30	8.3	9.3	10.9	13.5	13.2	16.0	12.9	12.7	9.2	11.3	30
32	7.9	8.6	10.0	12.6	12.1	14.7	12.0	11.5	8.6	10.6	32
34	7.4	8.2	9.4	11.7	11.5	14.0	11.2	10.7	8.2	10.1	34
36	7.0	7.7	8.8	11.2	10.7	12.7	10.5	10.2	7.8	9.4	36
38	6.7	7.4	8.4	10.7	10.2	11.8	9.7	9.5	7.2	8.9	38
40	6.3	7.0	8.0	10.6	9.7	10.9	9.2	9.1	6.8	8.4	40
42	5.9	6.6	7.6	10.1	9.2	10.2	8.8	8.6	6.5	7.9	42
44	5.7	6.3	7.2	9.6	8.7	9.4	8.3	8.1	6.2	7.6	44
46	5.4	6.0	6.7	9.0	8.2	8.1	7.8	7.6	5.9	7.1	46
48	5.1	5.8	6.3	8.7	7.9	7.1	7.2	7.0	5.6	6.9	48
50	4.9	5.5	6.0	8.4	7.4	6.8	6.9	6.5	5.4	6.6	50
52	4.8	5.4	5.8	7.9	7.1	6.1	6.5	6.2	5.1	6.2	52
54	4.6	5.1	5.6	7.8	6.8	5.7	6.3	5.9	4.9	5.9	54
56	4.4	4.9	5.4	6.4	5.7	5.1	4.8	4.9	4.7	5.6	56
58	4.2	4.7	5.2	5.9	5.3	4.6	4.5	4.6	4.5	5.5	58
60	4.0	4.5	4.8	5.4	5.0	4.2	4.0	4.1	4.3	5.4	60
62	3.8	4.3	4.5	5.0	4.6	3.8	3.6	3.6	4.1	5.1	62
64	3.6	4.1	4.1	4.7	4.3	3.3	3.2	3.0	3.8	4.8	64
66	3.3	3.9	3.7	4.3	3.9	3.0	2.8	2.7	3.6	4.6	66
68	3.1	3.5	3.3	4.0	3.5	2.6	2.5	2.3	3.3	4.2	68
70	2.9	3.2	3.0	3.6	3.1	2.3	2.1	2.0	3.2	3.8	70
72									3.0	3.4	72
74										3.1	74
76										2.8	76
Code	0222222	1122222	1222221	2112222	2122221	2222112	2222211	2222220	0332222	1222222	Code
n	1	2	2	2	2	2	2	2	2	2	n

# Lifting load chart- Counterweight in the rear

T 80.8-86.7m

	80.8-86.7m T 9.3m×8.3m	80.8 9.3m×8.3m	80.8 360°	81	82.6	83.5	84.3	85.2	85.9	86.7	
	m	m	m	m	m	m	m	m	m	m	m
18	16.2	16.6	16.5	8.6	15.3	14.4	13.8	13.3	13.4		18
20	16.2	16.5	16.5	8.6	15.3	14.4	13.8	13.3	13.4	13.5	20
22	16.2	16.2	16.1	8.6	15.3	14.4	13.8	13.3	13.4	13.5	22
24	15.8	15.8	14.8	7.9	14.5	13.8	13.5	12.8	13.1	13.1	24
26	14.5	15.3	13.8	7.2	13.4	12.8	12.4	12.0	12.7	12.3	26
28	13.0	14.7	12.5	6.7	12.1	11.7	11.2	11.1	12.6	11.6	28
30	12.4	13.8	11.4	6.3	11.2	10.7	10.4	10.2	12.2	10.9	30
32	11.4	13.1	10.9	5.9	10.5	9.9	9.7	9.6	11.8	10.2	32
34	10.9	12.4	10.0	5.5	9.7	9.4	9.2	8.9	11.3	9.5	34
36	10.4	11.7	9.5	5.2	9.2	8.7	8.6	8.4	10.7	8.9	36
38	9.6	10.8	9.0	4.9	8.5	8.2	8.0	7.8	10.2	8.2	38
40	9.1	10.2	8.5	4.7	8.0	7.7	7.5	7.3	9.7	7.7	40
42	8.6	9.6	8.0	4.4	7.5	7.2	7.0	6.8	9.1	7.3	42
44	8.3	9.1	7.5	4.2	7.0	6.7	6.5	6.3	8.7	7.0	44
46	7.8	8.7	7.0	3.9	6.7	6.2	6.2	6.0	8.4	6.6	46
48	7.5	7.7	6.5	3.8	6.2	5.9	5.8	5.6	7.4	6.2	48
50	7.3	7.2	6.3	3.6	5.9	5.5	5.5	5.2	7.0	5.8	50
52	7.2	6.8	6.0	3.5	5.7	5.2	5.0	5.0	6.6	5.5	52
54	6.9	5.7	5.5	3.3	5.2	5.0	4.7	4.8	6.2	5.3	54
56	6.4	5.3	5.3	3.1	4.9	4.7	4.5	4.5	5.5	5.0	56
58	6.0	4.9	4.7	3.0	4.2	4.5	4.2	4.3	5.0	4.8	58
60	5.7	4.6	4.4	2.9	3.9	4.2	4.0	4.0	4.5	4.2	60
62	5.6	4.2	4.2	2.8	3.7	3.9	4.0	3.7	4.2	3.9	62
64	5.4	3.8	3.8	2.6	3.5	3.6	3.7	3.4	3.9	3.9	64
66	4.4	3.5	3.1	2.6	2.8	2.9	2.8	2.8	3.4	3.5	66
68	4.0	3.1	2.9	2.4	2.6	2.6	2.6	2.6	3.0	3.0	68
70	3.6	2.7	2.5	2.3	2.3	2.3	2.2	2.2	2.9	2.9	70
72	3.2	2.4	2.1	2.1	2.0				2.6	2.6	72
74	2.9	2.0		2.1					2.1	2.2	74
76	2.5										76
Code	2122222	2222122	2222221	0333333	3322221	3332221	3333221	3333321	2222222	3222222	Code
n	2	2	2	1	2	2	2	2	2	2	n

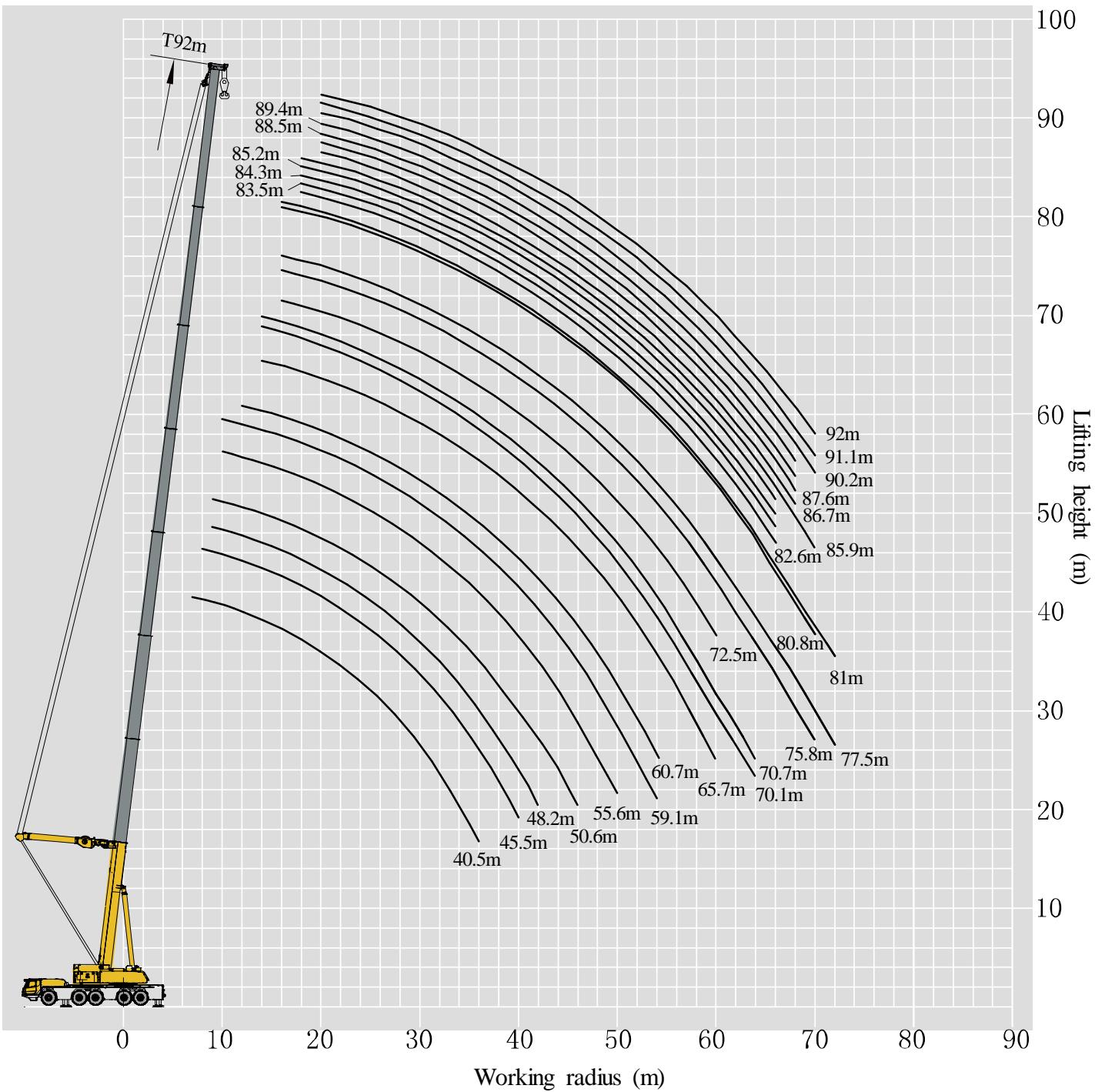
# Lifting load chart- Counterweight in the rear

T 87.6~92m

	87.6-92m T	9.3m×8.3m	360°	100t				
	87.6	88.5	89.4	90.2	91.1	92		
20	11.6	11.5	11.0	10.8				20
22	11.6	11.5	11.0	10.8	10.3	10.5		22
24	11.6	11.5	11.0	10.8	10.3	10.5		24
26	11.6	11.5	11.0	10.8	10.3	10.5		26
28	10.9	11.2	10.8	10.8	10.3	10.5		28
30	10.2	10.5	10.1	10.3	9.7	10.2		30
32	9.8	9.7	9.6	10.0	9.2	9.8		32
34	9.5	9.0	8.9	9.8	8.5	9.3		34
36	9.2	8.5	8.4	9.2	7.9	8.9		36
38	9.0	8.0	7.9	8.8	7.4	8.6		38
40	8.6	7.5	7.4	8.7	6.9	8.4		40
42	8.2	7.0	6.9	8.3	6.7	8.0		42
44	7.8	6.5	6.4	7.9	6.2	7.7		44
46	7.5	6.2	6.1	7.7	5.9	7.4		46
48	7.2	5.8	5.6	7.0	5.4	7.0		48
50	7.0	5.5	5.4	6.8	5.2	6.7		50
52	6.6	5.3	5.1	6.4	4.9	6.4		52
54	6.2	5.0	4.9	6.0	4.6	6.1		54
56	5.4	4.7	4.6	5.5	4.4	5.7		56
58	5.0	4.5	4.3	5.0	4.1	5.3		58
60	4.3	4.2	4.1	4.1	3.8	4.8		60
62	4.0	3.9	3.8	3.7	3.6	4.1		62
64	3.6	3.7	3.7	3.4	3.4	3.8		64
66	3.2	3.6	3.5	3.3	3.3	3.5		66
68	2.8	2.9	2.8	2.9	3.1	3.1		68
70	2.6	2.8	2.6	2.7	2.6	2.7		70
72	2.3	2.4	2.4	2.6	2.5	2.7		72
74	2.0	2.0	2.1	2.2	2.2	2.1		74
76						1.8		76
Code	3322222	3332222	3333222	3333322	3333332	3333333		Code
n	1	1	1	1	1	1		n

## Lifting height chart

Boom + super lift



# Lifting load chart-Counterweight in the rear- 35° super lift angle

T 40.5~50.6m

	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	45.5	45.5	
7	91.9	94.4	97.1	98.6	100.3	100.3	99.4	97.5			m
8	84.9	88.0	89.9	98.0	99.0	98.0	97.0	96.0	78.5	80.0	8
9	79.4	81.7	89.1	90.0	90.0	89.0	88.0	87.0	73.9	75.5	9
10	74.3	76.3	82.2	82.0	82.0	82.0	81.0	79.0	69.3	70.9	10
12	70.3	70.3	70.3	70.0	70.0	70.0	68.0	67.0	61.8	63.4	12
14	61.4	60.4	60.4	61.0	60.0	60.0	59.0	57.0	55.2	61.0	14
16	53.5	53.5	53.5	53.0	53.0	53.0	51.0	50.0	50.1	54.0	16
18	47.5	47.5	47.5	47.0	47.0	46.0	45.0	43.0	47.5	48.0	18
20	42.6	42.6	41.6	42.0	42.0	40.0	39.0	37.0	42.6	43.0	20
22	37.6	36.6	36.6	37.0	36.0	36.0	35.0	32.3	37.6	37.0	22
24	33.7	33.3	33.3	32.3	32.3	32.3	30.4	28.8	33.7	34.0	24
26	30.7	29.8	29.8	28.8	28.8	29.4	26.9	24.4	30.7	30.4	26
28	27.8	26.3	26.3	26.3	25.4	25.9	23.5	20.9	28.7	26.9	28
30	24.4	23.0	22.9	22.4	22.0	22.6	20.0	18.0	25.0	24.4	30
32	21.1	20.5	20.4	19.9	19.6	19.2	17.5	15.6	22.6	21.5	32
34	18.9	18.3	18.2	17.7	17.4	17.0	15.3	13.4	19.6	19.3	34
36	16.1	16.1	15.9	15.2	15.2	14.3	13.2	11.5	17.7	17.4	36
38									16.0	15.7	38
40									14.5	14.2	40
Code	0000122	0000221	0001112	0001211	0002111	0011111	0111110	1111100	0000222	0001122	Code
n	8	8	8	8	8	8	8	8	7	7	n

	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	48.2	50.6	
8	84.8	85.9	89.0	89.0	88.3	87.4	88.8	87.9	60.3		m
9	79.1	80.4	88.0	88.0	88.0	87.0	86.0	85.0	56.5	68.6	9
10	74.4	80.2	81.0	81.0	80.0	79.0	79.0	77.0	53.4	64.7	10
12	69.0	69.0	69.0	69.0	68.0	67.0	67.0	65.0	47.8	57.7	12
14	60.0	60.0	60.0	59.0	59.0	58.0	57.0	56.0	42.8	51.8	14
16	53.0	53.0	52.0	52.0	52.0	50.0	50.0	49.0	38.6	47.2	16
18	47.0	47.0	46.0	46.0	46.0	44.0	44.0	43.0	35.1	42.8	18
20	40.0	42.0	40.0	40.0	39.0	38.0	38.0	36.0	32.3	38.7	20
22	36.0	37.0	36.0	36.0	35.0	34.0	33.3	31.4	28.5	37.0	22
24	33.0	33.0	33.0	32.0	31.4	30.4	28.8	27.8	25.5	34.0	24
26	29.4	29.4	29.4	28.4	27.8	26.9	25.4	24.4	23.3	31.0	26
28	25.9	26.9	25.9	25.9	24.4	23.5	22.4	20.7	21.8	28.0	28
30	23.5	23.5	22.6	22.6	21.5	20.2	19.6	17.9	19.5	25.5	30
32	20.4	20.6	19.8	19.5	19.1	17.6	17.2	15.5	18.0	23.0	32
34	18.3	18.4	17.6	17.3	16.9	15.4	15.0	13.3	16.5	20.7	34
36	16.4	16.5	15.8	15.4	15.0	13.6	13.2	11.5	15.1	18.4	36
38	14.7	14.8	14.1	13.7	13.4	11.9	11.5	9.8	13.7	16.7	38
40	13.2	13.3	12.5	12.2	11.8	10.4	10.0	8.3	12.4	14.8	40
42									11.3	13.4	42
44										12.2	44
Code	0002211	0011112	0012111	0021111	0111111	0211110	1111110	2111100	0000333	0001222	Code
n	7	7	7	7	7	7	7	7	5	6	n

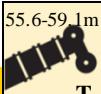
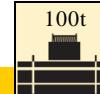
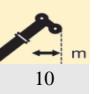
# Lifting load chart-Counterweight in the rear- 35° super lift angle

T 50.6~55.6m

	50.6-55.6m T	9.3m×8.3m	360°	100t	SL						
	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	55.6	
9	70.9	71.0	73.4	76.5	75.5	76.8	76.8	75.9	75.0	60.4	9
10	66.4	67.2	69.2	72.1	72.3	76.8	75.7	74.7	74.7	64.2	10
12	58.9	60.2	61.9	68.0	68.0	67.0	67.0	66.0	65.0	54.2	12
14	52.7	54.0	55.4	59.0	59.0	58.0	58.0	57.0	56.0	48.8	14
16	47.7	50.2	52.0	53.4	52.0	51.0	50.0	49.0	49.0	44.2	16
18	47.0	47.0	46.0	46.0	46.0	45.0	44.0	43.0	43.0	40.4	18
20	40.0	42.0	40.0	39.0	40.0	39.0	38.0	37.0	37.0	35.4	20
22	37.0	37.0	36.0	35.0	36.0	35.0	34.0	33.0	33.0	33.8	22
24	33.0	33.0	33.0	32.0	32.0	31.0	31.0	29.4	30.0	33.0	24
26	30.0	30.0	30.0	29.0	29.0	28.0	27.4	25.9	26.5	31.0	26
28	28.0	27.4	26.5	26.5	26.5	25.5	24.0	22.6	23.0	28.0	28
30	24.5	25.0	24.0	23.0	24.0	22.1	21.6	19.7	19.7	26.0	30
32	22.1	21.6	21.6	20.7	20.7	19.7	18.6	17.2	16.9	23.5	32
34	19.7	19.3	18.8	17.8	18.2	16.8	16.4	15.1	14.7	21.1	34
36	17.3	17.4	16.9	15.9	16.3	14.9	14.6	13.3	12.9	18.8	36
38	15.6	15.7	15.2	14.3	14.6	13.3	12.9	11.6	11.2	16.9	38
40	14.1	14.2	13.7	12.8	13.1	11.8	11.4	10.1	9.8	15.6	40
42	12.8	12.9	12.4	11.4	11.8	10.5	10.1	8.8	8.4	13.7	42
44	11.5	11.7	11.2	10.2	10.5	9.2	8.9	7.6	7.2	12.5	44
46										11.3	46
48										10.3	48
50										9.4	50
Code	0002221	0011122	0012112	0022111	0111112	0211111	1111111	1211110	2111110	0002222	Code
n	6	6	6	6	6	6	6	6	6	5	n

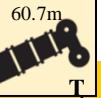
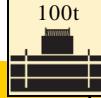
# Lifting load chart-Counterweight in the rear- 35° super lift angle

T 55.6~59.1m

	 55.6	 55.6	 55.6	 55.6	 55.6	55.6	55.6	55.6	55.6	59.1	 m
10	62.6	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	45.4	10
12	55.5	57.6	64.5	64.5	64.5	64.5	64.5	63.5	62.5	40.9	12
14	50.2	52.3	58.0	57.0	58.0	57.0	57.0	56.0	55.0	37.1	14
16	46.4	47.8	51.0	50.0	51.0	50.0	50.0	49.0	48.0	34.0	16
18	42.0	46.0	45.0	44.0	45.0	45.0	44.0	43.0	42.0	31.0	18
20	40.0	40.0	39.0	38.0	38.0	38.0	37.0	37.0	36.0	27.2	20
22	36.0	36.0	35.0	34.0	35.0	35.0	34.0	33.0	32.0	25.5	22
24	33.0	32.0	32.0	31.0	31.0	31.0	30.0	30.0	29.0	23.3	24
26	30.0	30.0	29.0	28.0	28.4	28.0	27.0	27.0	25.5	22.1	26
28	28.0	27.0	25.5	24.5	25.0	25.5	24.5	24.5	22.1	20.6	28
30	24.5	24.5	23.0	22.1	22.6	22.1	22.1	21.1	19.7	19.5	30
32	22.1	22.1	20.7	19.7	19.7	19.7	18.8	18.8	16.9	18.0	32
34	19.7	19.7	17.9	17.0	17.6	17.4	16.4	16.0	14.8	16.5	34
36	17.7	17.1	16.0	15.2	15.7	15.5	14.5	14.2	13.0	15.0	36
38	16.0	15.4	14.4	13.5	14.1	13.9	12.9	12.5	11.3	14.0	38
40	14.5	13.9	12.9	12.0	12.6	12.4	11.4	11.0	9.9	12.8	40
42	13.2	12.6	11.6	10.7	11.2	11.1	10.1	9.7	8.5	11.7	42
44	12.0	11.4	10.4	9.5	10.0	9.9	8.9	8.5	7.3	10.7	44
46	10.8	10.3	9.3	8.4	8.9	8.8	7.8	7.4	6.3	9.7	46
48	9.8	9.3	8.3	7.4	7.9	7.8	6.8	6.4	5.3	8.9	48
50	8.9	8.3	7.3	6.5	7.0	6.8	5.8	5.5	4.3	8.1	50
52										7.4	52
54										6.8	54
Code	0012122	0111122	0211112	0221111	1111112	1111121	1211111	2111111	2211110	0003333	Code
n	5	5	5	5	5	5	5	5	5	4	n

# Lifting load chart-Counterweight in the rear- 35° super lift angle

T 60.7m

	 60.7	 60.7	 60.7	 60.7	 60.7	60.7	60.7	60.7	60.7	60.7	 12
12	51.5	53.0	52.8	58.8	55.8	60.9	61.3	64.4	61.1	63.4	12
14	47.1	48.2	48.1	52.8	50.4	56.0	57.0	56.0	56.0	55.0	14
16	42.5	44.3	43.4	50.0	50.0	49.0	50.0	49.0	49.0	49.0	16
18	39.3	40.6	40.5	44.0	45.0	44.0	44.0	43.0	44.0	43.0	18
20	34.5	35.6	35.4	38.0	38.6	37.0	38.0	37.0	37.0	37.0	20
22	32.1	32.2	32.4	34.0	35.0	34.0	34.0	33.0	34.0	33.0	22
24	29.4	32.0	32.0	31.0	31.0	30.0	31.0	30.0	30.0	30.0	24
26	27.8	29.0	30.0	28.0	29.0	28.0	28.0	27.0	28.0	27.0	26
28	26.5	27.0	27.0	25.0	26.0	25.0	25.0	24.5	24.5	23.5	28
30	25.0	25.0	25.0	22.5	24.0	22.5	22.5	21.1	22.1	21.1	30
32	23.0	22.5	22.5	20.2	21.6	20.2	20.2	18.8	19.7	18.8	32
34	21.6	20.2	20.2	17.9	19.2	17.9	17.9	16.6	17.1	16.0	34
36	19.2	17.9	17.9	15.6	16.9	15.2	15.5	14.7	15.2	14.1	36
38	16.9	15.6	15.9	13.9	14.8	13.6	13.9	13.1	13.6	12.5	38
40	15.2	14.1	14.4	12.4	13.3	12.1	12.4	11.6	12.1	11.0	40
42	14.0	12.8	13.1	11.1	12.0	10.8	11.1	10.3	10.8	9.7	42
44	12.8	11.6	11.9	9.9	10.8	9.6	9.9	9.1	9.6	8.5	44
46	11.6	10.5	10.8	8.8	9.7	8.5	8.8	8.0	8.5	7.4	46
48	10.3	9.5	9.8	7.8	8.7	7.5	7.8	7.0	7.5	6.4	48
50	9.4	8.6	8.9	6.9	7.8	6.6	6.9	6.1	6.6	5.5	50
52	8.5	7.7	8.0	6.1	7.0	5.8	6.1	5.3	5.8	4.7	52
54	7.7	6.9	7.2	5.3	6.2	5.0	5.3	4.5	5.0	3.9	54
Code	0012222	0022221	0111222	0222111	1111122	1122111	1211112	1221111	2111112	2211111	Code
n	4	5	5	5	5	5	5	5	5	5	n

# Lifting load chart-Counterweight in the rear- 35° super lift angle

T 60.7~65.7m

	60.7-65.7m	9.3m×8.3m	360°	100t	SL	60.7	65.7	65.7	65.7	65.7	65.7	m
12	63.4	63.4										12
14	55.0	55.0	44.0	44.0	46.4	48.7	48.6	45.4	48.9	48.3	48.3	14
16	48.0	48.0	40.1	40.4	42.1	44.7	44.3	41.9	44.7	44.2	44.2	16
18	43.0	40.0	36.4	36.0	37.8	40.8	40.6	37.3	44.0	40.5	40.5	18
20	36.0	36.0	32.3	32.8	33.7	38.0	37.0	34.4	37.0	38.0	38.0	20
22	33.0	32.0	30.2	30.7	31.6	34.0	34.0	34.0	34.0	34.0	34.0	22
24	29.0	29.0	28.3	28.6	31.0	31.0	31.0	31.0	30.0	31.0	31.0	24
26	26.5	26.0	26.4	26.8	29.0	28.0	28.0	29.0	28.0	28.0	28.0	26
28	23.0	22.5	25.5	26.7	26.0	26.0	25.0	26.0	25.0	26.0	26.0	28
30	20.7	20.2	24.5	25.0	23.5	23.0	22.5	23.5	22.5	23.0	23.0	30
32	17.9	17.9	22.1	22.5	21.1	21.6	20.2	21.1	20.2	21.0	21.0	32
34	15.8	15.1	19.7	20.2	18.8	19.2	17.9	18.8	17.9	19.6	19.6	34
36	14.0	13.3	18.4	17.9	17.0	16.9	16.1	16.9	15.8	17.3	17.3	36
38	12.3	11.7	16.6	16.4	15.3	14.7	14.4	15.3	14.2	15.0	15.0	38
40	10.9	10.2	15.2	14.7	13.8	13.3	13.0	13.8	12.7	13.1	13.1	40
42	9.5	8.9	13.8	13.2	12.5	12.0	11.6	12.5	11.4	11.8	11.8	42
44	8.4	7.7	12.3	12.0	11.3	10.8	10.5	11.3	10.2	10.6	10.6	44
46	7.3	6.6	11.2	11.0	10.2	9.7	9.4	10.2	9.1	9.5	9.5	46
48	6.3	5.6	10.2	10.0	9.2	8.7	8.4	9.2	8.1	8.5	8.5	48
50	5.4	4.7	9.3	9.1	8.3	7.8	7.5	8.3	7.2	7.6	7.6	50
52	4.5	3.9	8.5	8.2	7.5	7.0	6.7	7.5	6.4	6.8	6.8	52
54	3.8	3.1	7.7	7.5	6.7	6.2	5.9	6.7	5.6	6.0	6.0	54
56			7.0	6.7	6.0	5.5	5.2	6.0	4.9	5.3	5.3	56
58			6.7	6.1	5.3	4.8	4.5	5.3	4.2	4.6	4.6	58
60			6.0	5.4	4.7	4.2	3.9	4.7	3.6	4.0	4.0	60
Code	2211120	2221110	0022222	0112222	0122221	0222112	0222211	1111222	1122211	1211122	Code	
n	5	5	4	4	4	4	4	4	4	4	n	

# Lifting load chart-Counterweight in the rear- 35° super lift angle

T 65.7~70.7m

	65.7	65.7	65.7	65.7	70.1	70.7	70.7	70.7	70.7	70.7	m
14	50.7	52.0	52.0	51.3	32.5	34.7	42.9	41.1	46.3	45.5	14
16	49.0	49.0	48.0	48.0	23.4	34.7	38.6	31.9	42.7	41.8	16
18	43.0	43.0	40.0	40.0	23.2	32.3	33.9	31.9	38.2	37.7	18
20	37.0	37.0	36.0	36.0	22.0	26.5	31.4	27.9	33.9	33.0	20
22	33.0	33.0	32.0	32.0	19.9	25.3	29.6	27.9	33.0	31.4	22
24	30.0	30.0	29.0	29.0	18.9	24.6	27.8	27.0	30.0	30.0	24
26	28.0	27.0	26.0	26.0	18.4	24.5	26.5	25.1	27.0	27.0	26
28	25.0	24.5	23.5	23.0	17.6	23.2	26.0	24.2	25.0	25.0	28
30	23.0	21.1	21.1	20.6	15.6	22.0	24.0	24.0	23.0	22.0	30
32	20.6	18.8	18.8	18.2	15.4	20.0	22.0	22.0	20.6	20.6	32
34	18.2	16.9	16.2	16.0	14.3	20.0	19.6	19.6	18.2	18.2	34
36	16.0	15.1	14.3	13.8	14.0	17.9	17.3	18.2	16.0	16.0	36
38	14.0	13.4	12.7	12.2	13.5	16.3	16.0	16.0	14.3	14.0	38
40	12.5	12.0	11.2	10.7	12.6	14.7	13.9	14.0	12.8	12.5	40
42	11.2	10.7	9.9	9.4	11.5	13.5	12.5	12.7	11.5	11.2	42
44	10.0	9.5	8.7	8.2	10.5	12.2	11.3	11.5	10.3	10.0	44
46	8.9	8.4	7.7	7.1	9.6	11.1	10.3	10.4	9.2	8.9	46
48	7.9	7.4	6.7	6.2	8.7	10.3	9.3	9.4	8.2	8.0	48
50	7.0	6.5	5.8	5.3	8.0	9.5	8.4	8.5	7.3	7.1	50
52	6.2	5.7	5.0	4.4	7.3	8.7	7.6	7.7	6.5	6.2	52
54	5.4	4.9	4.2	3.7	6.6	7.9	6.8	6.9	5.8	5.5	54
56	4.7	4.2	3.5	3.0	6.0	6.8	6.1	6.2	5.0	4.8	56
58	4.1	3.5	2.8	2.3	5.5	6.0	5.4	5.6	4.4	4.1	58
60	3.4	2.9	2.2		5.0	5.4	4.8	4.9	3.8	3.5	60
62					4.5	4.8	4.2	4.4	3.2	2.9	62
64					4.0	4.3	3.7	3.8	2.6	2.4	64
Code	1221112	2211112	2221111	2222110	0033333	0122222	0222122	1112222	1222112	1222211	Code
n	4	4	4	4	3	3	4	4	4	4	n

# Lifting load chart-Counterweight in the rear- 35° super lift angle

T 70.7~75.8m

						70.7	70.7	70.7	70.7	70.7	72.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
14	38.6	44.8		48.7		48.2		42.8												
16	38.6	40.9		44.2		43.6		39.0		32.8		32.6		33.3		34.5		33.7		16
18	34.1	37.1		39.2		39.2		38.0		28.0		30.4		31.1		31.8		31.5		18
20	31.6	33.8		35.8		35.4		32.9		25.6		28.1		28.8		30.0		29.6		20
22	30.8	33.0		33.0		32.0		32.0		24.0		26.3		26.9		27.6		27.3		22
24	30.0	30.0		29.0		29.0		29.0		21.8		24.5		25.1		25.8		25.5		24
26	27.0	27.0		27.0		26.0		26.0		19.5		23.1		23.7		24.4		24.1		26
28	25.0	25.0		24.0		24.0		24.0		17.3		21.7		21.9		22.5		22.2		28
30	22.0	23.0		21.6		22.0		21.0		15.8		20.8		20.9		21.1		20.8		30
32	19.6	20.6		19.2		19.6		18.6		14.3		19.4		20.0		20.0		20.0		32
34	18.2	18.2		16.9		17.3		17.3		13.5		18.5		19.0		18.1		18.1		34
36	16.0	16.0		15.2		15.0		15.0		11.9		16.7		16.7		15.8		16.7		36
38	13.8	14.1		13.5		13.1		12.8		10.5		15.8		15.8		14.9		14.9		38
40	12.4	12.6		12.1		11.6		11.3		9.4		14.2		14.0		13.1		13.5		40
42	11.1	11.3		10.8		10.3		10.0		8.3		12.9		12.6		11.8		12.2		42
44	9.9	10.1		9.6		9.1		8.8		7.3		11.7		11.5		10.6		11.0		44
46	8.8	9.1		8.5		8.0		7.8		6.4		10.6		10.4		9.5		9.9		46
48	7.8	8.1		7.5		7.1		6.8		5.6		9.6		9.4		8.5		8.9		48
50	6.9	7.2		6.6		6.2		5.9		4.8		8.8		8.5		7.6		8.0		50
52	6.1	6.4		5.8		5.3		5.1		4.2		8.1		7.7		6.8		7.2		52
54	5.3	5.6		5.1		4.6		4.3		3.5		7.4		6.9		6.1		6.4		54
56	4.6	4.9		4.4		3.9		3.6		2.9		6.7		6.2		5.4		5.7		56
58	4.0	4.2		3.7		3.2		2.9		2.4		6.0		5.5		4.7		5.1		58
60	3.4	3.6		3.1		2.6		2.3		1.9		5.2		4.9		4.1		4.5		60
62	2.8	3.0		2.5		2.0						4.6		4.4		3.5		3.9		62
64	2.2	2.5		2.0								4.1		3.8		3.0		3.4		64
66												3.6		3.3		2.5		2.9		66
68												3.1		2.8		2.0		2.4		68
70												2.6		2.4				1.9		70
Code	1222220	2211122	2221112	2222111	2222210	3322210	0222222	1122222	1222221	2112222	Code									
n	3	4	4	4	4	3	3	3	3	3									n	

# Lifting load chart-Counterweight in the rear- 35° super lift angle

T 75.8~81m

						75.8	75.8	75.8	75.8	77.5	80.8	80.8	80.8	80.8	81	m	
16	34.5	38.9	39.2	34.1	27.3	28.8	29.5	31.7	32.1	22.0	16	16	16	16	16	16	
18	32.2	33.1	34.0	31.4	25.3	27.3	27.6	29.9	30.2	20.4	18	18	18	18	18	18	
20	30.0	31.3	31.0	29.6	23.8	25.7	25.9	27.8	28.1	18.7	20	20	20	20	20	20	
22	28.1	29.0	28.6	27.4	22.2	23.5	23.7	25.8	26.0	18.5	22	22	22	22	22	22	
24	26.2	27.1	27.0	25.5	20.6	22.5	22.7	24.2	24.4	17.5	24	24	24	24	24	24	
26	24.4	26.0	24.8	23.6	19.3	21.4	21.6	22.9	23.2	16.7	26	26	26	26	26	26	
28	22.5	23.0	22.8	22.2	18.5	20.6	20.6	21.5	21.5	15.3	28	28	28	28	28	28	
30	20.9	20.9	20.9	20.9	17.3	19.4	19.5	20.3	20.0	15.1	30	30	30	30	30	30	
32	20.0	19.0	19.0	19.0	16.5	18.3	18.6	18.6	19.0	14.3	32	32	32	32	32	32	
34	18.1	17.1	16.7	17.1	15.7	17.3	17.7	17.7	17.1	13.6	34	34	34	34	34	34	
36	15.8	15.8	15.2	14.9	14.4	16.5	16.7	15.8	16.2	12.8	36	36	36	36	36	36	
38	14.3	14.0	13.5	13.4	13.6	15.0	14.9	14.4	14.3	12.1	38	38	38	38	38	38	
40	12.6	12.4	12.1	12.0	12.6	14.0	13.5	12.6	13.2	11.4	40	40	40	40	40	40	
42	11.5	11.1	10.8	10.7	11.2	12.4	12.2	11.6	11.4	10.9	42	42	42	42	42	42	
44	10.4	9.9	9.6	9.5	10.3	11.5	11.0	10.4	10.2	9.8	44	44	44	44	44	44	
46	9.3	8.8	8.5	8.4	9.4	10.5	9.9	9.4	9.1	9.0	46	46	46	46	46	46	
48	8.3	7.8	7.6	7.4	8.5	9.5	8.9	8.4	8.1	8.2	48	48	48	48	48	48	
50	7.4	6.9	6.7	6.6	7.7	8.3	8.0	7.5	7.2	7.4	50	50	50	50	50	50	
52	6.6	6.1	5.9	5.7	7.0	7.5	7.2	6.7	6.4	6.8	52	52	52	52	52	52	
54	5.8	5.4	5.1	5.0	6.3	6.8	6.5	5.9	5.7	6.1	54	54	54	54	54	54	
56	5.1	4.7	4.4	4.3	5.7	6.2	5.8	5.2	5.0	5.5	56	56	56	56	56	56	
58	4.5	4.0	3.7	3.6	5.1	5.6	5.1	4.6	4.3	5.0	58	58	58	58	58	58	
60	3.9	3.4	3.1	3.0	4.6	5.0	4.5	4.0	3.7	4.5	60	60	60	60	60	60	
62	3.3	2.8	2.6	2.4	4.0	4.5	3.9	3.4	3.1	4.0	62	62	62	62	62	62	
64	2.8	2.3	2.0	1.9	3.6	3.8	3.4	2.9	2.6	3.6	64	64	64	64	64	64	
66	2.2				3.1	3.1	2.9	2.4	2.1	3.1	66	66	66	66	66	66	
68					2.7	2.6	2.4	1.9		2.8	68	68	68	68	68	68	
70					2.3	2.2	2.0			2.4	70	70	70	70	70	70	
72					1.9					2.0	72	72	72	72	72	72	
Code	2122221	2222112	2222211	2222220	0332222	1222222	2122222	2222122	2222221	0333333	Code						
n	3	3	3	3	3	3	3	3	3	2	n						

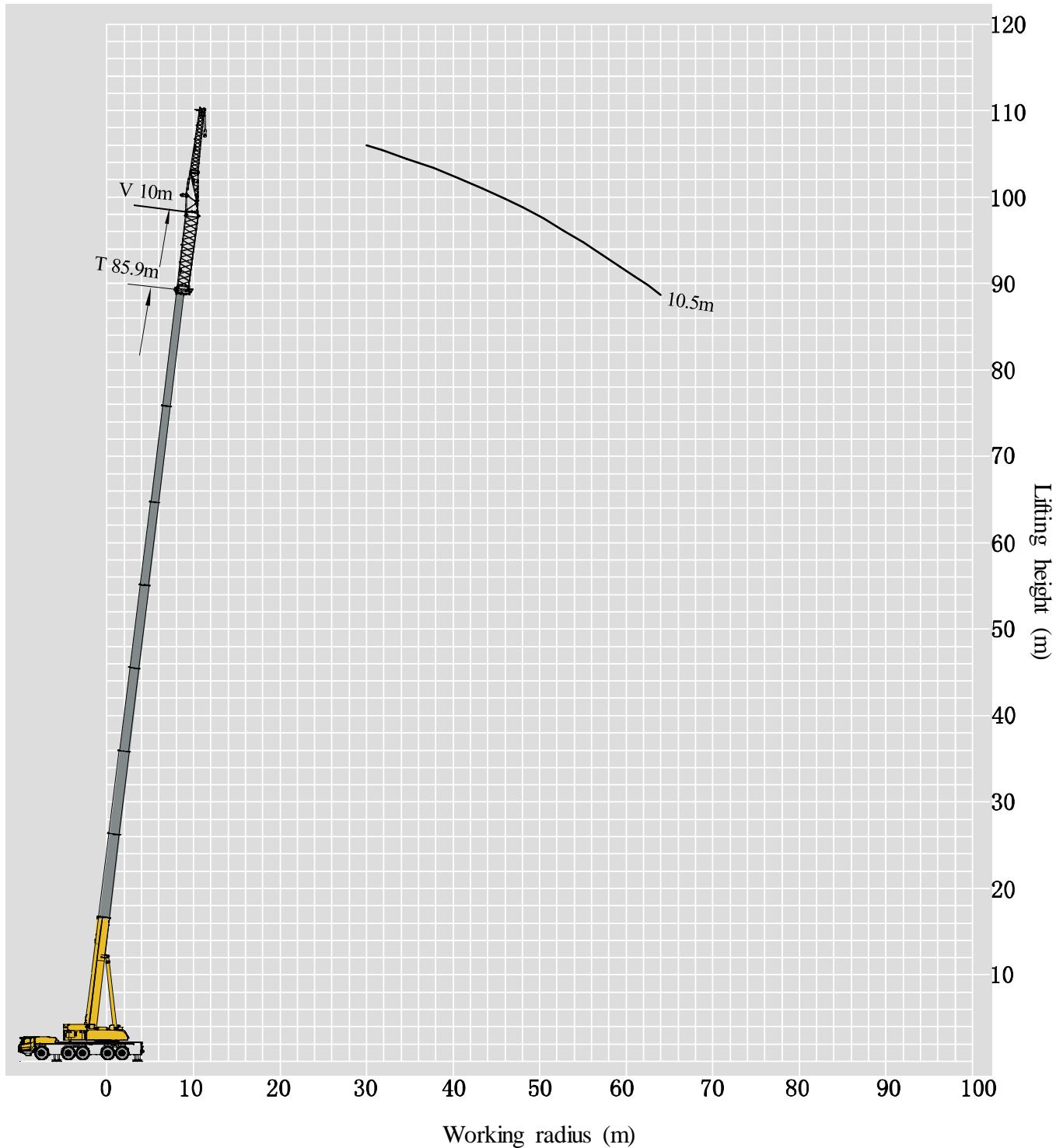
# Lifting load chart-Counterweight in the rear- 35° super lift angle

T 82.6~92m

	82.6	83.5	84.3	85.2	85.9	86.7	87.6	88.5	89.4	90.2	91.1	92	
18	29.4	28.7	28.2	26.4	23.5								18
20	27.3	27.0	26.4	24.3	22.0	22.9	22.0	21.2	19.6	18.7	16.5	16.0	20
22	25.5	25.1	24.3	23.2	21.6	20.2	20.6	19.8	19.2	18.4	16.3	16.0	22
24	23.8	23.3	23.3	22.4	21.0	19.6	18.9	18.2	17.4	17.3	15.6	15.0	24
26	22.4	21.9	21.6	20.5	20.1	18.7	18.4	18.1	17.3	16.9	14.7	14.0	26
28	21.0	20.6	20.2	19.5	19.4	17.3	16.9	17.1	16.5	16.1	14.0	13.0	28
30	19.7	19.6	19.3	18.8	18.2	16.5	16.1	16.4	14.9	15.6	13.3	12.0	30
32	18.7	18.2	17.8	17.7	16.9	15.6	15.2	14.7	13.9	14.6	13.0	11.0	32
34	17.1	17.1	16.9	16.9	15.7	14.8	14.4	14.0	13.4	13.4	13.0	10.5	34
36	16.2	16.2	15.9	15.9	14.8	14.2	13.8	13.2	12.1	12.6	11.5	10.0	36
38	14.1	14.1	14.3	14.3	14.0	13.5	13.2	12.0	11.6	11.9	11.0	9.5	38
40	12.6	12.6	13.2	13.2	13.3	12.8	12.1	11.7	11.1	10.7	10.5	9.0	40
42	11.3	11.3	11.3	11.4	12.1	11.8	11.6	11.2	10.6	10.4	10.1	9.0	42
44	10.1	10.1	10.1	10.2	11.0	11.2	11.0	10.6	10.2	9.7	9.6	9.0	44
46	9.0	9.0	9.1	9.1	9.7	9.6	9.6	10.0	9.7	9.1	9.3	9.0	46
48	8.0	8.0	8.1	8.1	8.8	8.7	8.6	8.6	8.7	8.8	8.8	8.5	48
50	7.1	7.2	7.2	7.3	8.0	7.8	7.7	7.7	7.8	7.9	7.9	7.9	50
52	6.3	6.3	6.4	6.4	7.4	6.9	6.9	6.9	6.9	7.2	7.1	7.2	52
54	5.6	5.6	5.6	5.7	6.8	6.2	6.2	6.2	6.2	6.7	6.3	6.7	54
56	4.9	4.9	4.9	5.0	6.1	5.5	5.5	5.5	5.5	6.0	5.6	6.0	56
58	4.2	4.2	4.3	4.3	5.5	4.8	4.8	4.8	4.8	5.4	5.0	5.5	58
60	3.6	3.6	3.7	3.7	4.8	4.2	4.2	4.2	4.2	4.8	4.4	4.9	60
62	3.1	3.1	3.1	3.2	4.2	3.7	3.6	3.6	3.7	4.1	3.8	4.3	62
64	2.5	2.5	2.6	2.6	3.6	3.1	3.1	3.1	3.1	3.6	3.3	3.7	64
66	2.0	2.0	2.1	2.1	3.0	2.7	2.6	2.6	2.7	3.0	2.8	3.2	66
68					2.5	2.2	2.2	2.2	2.2	2.5	2.3	2.7	68
70					2.0					2.0	1.9	2.2	70
Code	3322221	3332221	3333221	3333321	2222222	3222222	3322222	3332222	3333222	3333322	3333332	3333333	Code
n	3	3	3	2	2	2	2	2	2	2	2	2	n

## Lifting height chart

Boom +10 m extension + fixed jib 0° offset angle



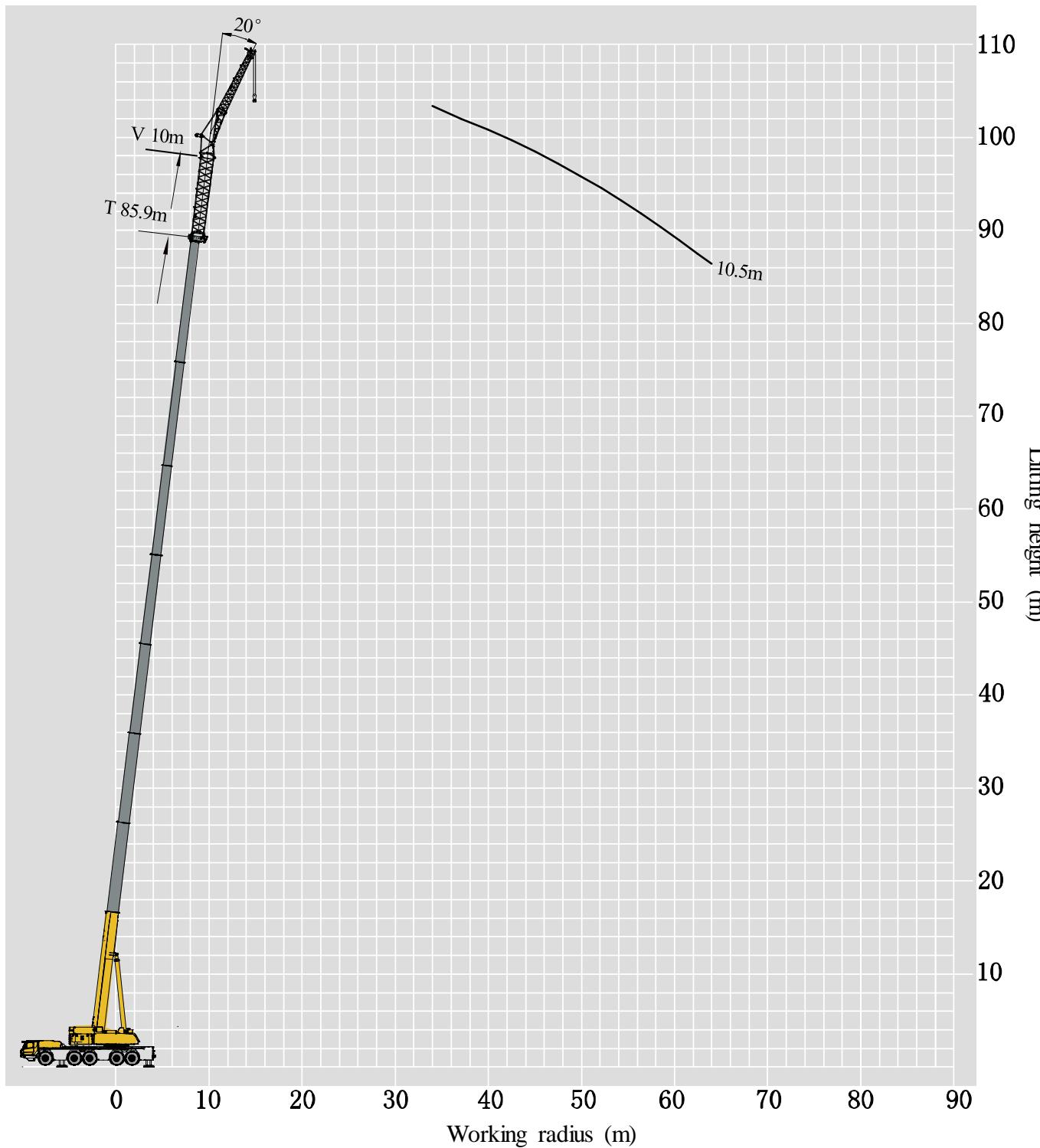
# Lifting load chart-Counterweight in the rear

T 45.5~85.9m

	45.5+10m	45.5-85.9m T	10.5m	0°	9.3m×8.3m	360°	100t	10m V	80.8+10m	85.9+10m	
12	18.4										12
14	17.4	15.6									14
16	16.5	15.0	14.4								16
18	15.5	14.4	13.9	13.1							18
20	14.8	13.7	13.3	12.4	11.2						20
22	14.1	13.1	12.5	11.9	11.0	9.8					22
24	13.3	12.4	12.1	11.5	10.7	9.6	8.6				24
26	12.8	11.9	11.7	11.1	10.4	9.5	8.4				26
28	12.1	11.4	11.2	10.8	10.2	9.3	8.4	7.4			28
30	11.5	11.0	10.9	10.5	10.0	9.1	8.2	7.4	5.8		30
32	11.0	10.5	10.5	10.2	9.9	8.8	7.9	7.3	5.8		32
34	10.6	10.2	10.2	9.9	9.3	8.2	7.4	6.8	5.8		34
36	10.1	9.8	9.9	9.6	8.5	7.5	6.9	6.3	5.8		36
38	9.6	9.5	9.5	9.1	7.9	7.0	6.3	5.8	5.5		38
40	9.4	9.2	9.3	8.4	7.1	6.5	5.7	5.4	5.1		40
42	9.0	8.9	9.2	7.8	6.6	6.0	5.3	4.8	4.7		42
44	8.7	8.6	8.9	7.2	6.1	5.4	4.9	4.6	4.3		44
46	8.4	8.3	8.4	6.7	5.7	4.9	4.5	4.2	4.1		46
48	8.2	8.1	7.8	6.3	5.2	4.5	4.1	3.8	3.6		48
50	7.8	7.8	7.3	5.9	4.9	4.2	3.8	3.5	3.4		50
52	7.6	7.5	6.8	5.5	4.4	3.9	3.4	3.3	3.1		52
54	7.4	7.2	6.5	5.1	4.2	3.6	3.1	3.0	2.9		54
56	7.2	6.9	5.9	4.8	3.8	3.3	2.9	2.7	2.6		56
58	6.5	6.8	5.5	4.4	3.5	3.0	2.6	2.5	2.5		58
60	6.0	6.5	5.1	4.1	3.2	2.8	2.3	2.2	2.2		60
62	5.5	5.8	4.3	3.8	2.9	2.5	2.1	2.0	2.1		62
64		5.4	4.1	3.6	2.7	2.2	1.9	1.8	1.8		64
66		4.9	3.8	3.3	2.4	2.0	1.7				66
68			3.6	2.8	2.2	1.8					68
70			3.2	2.5	1.9						70
72				2.1	1.7						72
74					1.9						74
76					1.7						76
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	2222222	Code	
n	2	2	2	1	1	1	1	1	1	n	

## Lifting height chart

Boom +10 m extension + fixed jib 20° offset angle



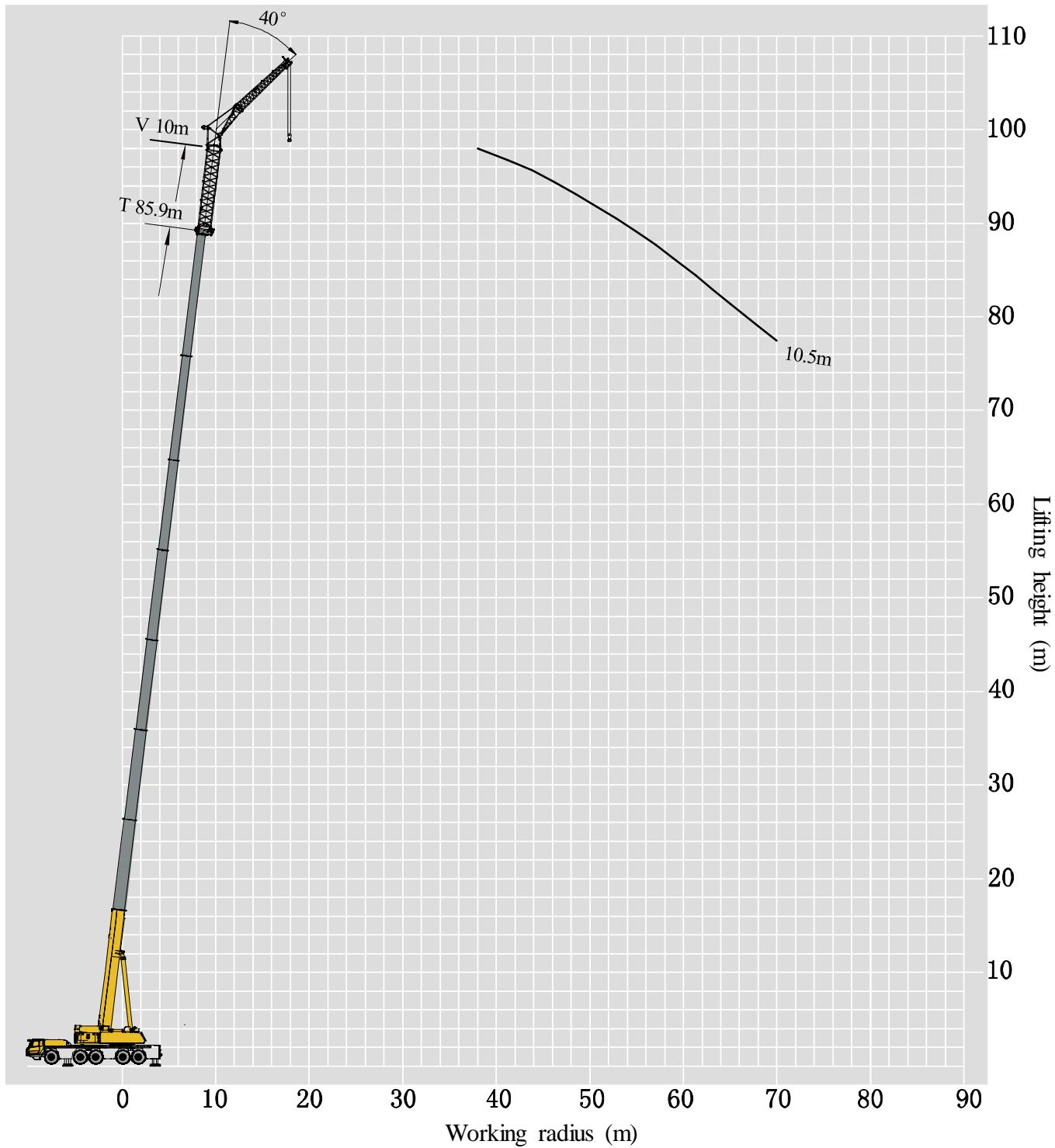
## Lifting load chart-Counterweight in the rear

T 45.5~85.9m

	45.5-85.9m	T	10.5m	20°	9.3m×8.3m	360°	100t	10m	V	
	45.5+10m	50.6+10m	55.6+10m	60.7+10m	65.7+10m	70.7+10m	75.8+10m	80.8+10m	85.9+10m	
16	13.4									16
18	13.1	12.1								18
20	12.4	11.7	11.3							20
22	11.9	11.2	10.9	10.4						22
24	11.4	10.8	10.6	10.2	9.6					24
26	10.9	10.4	10.3	10.0	9.3	8.7				26
28	10.4	10.4	10.0	9.7	9.1	8.4	7.7			28
30	10.1	10.3	9.7	9.4	8.9	8.3	7.6			30
32	9.8	9.9	9.4	9.1	8.8	8.2	7.5	6.6		32
34	9.5	9.6	9.2	8.9	8.6	8.1	7.3	6.5	5.8	34
36	9.2	9.3	9.0	8.7	8.4	7.6	7.0	6.3	5.8	36
38	8.9	9.0	8.7	8.5	8.0	7.1	6.5	5.8	5.5	38
40	8.6	8.6	8.5	8.3	7.3	6.6	5.9	5.4	5.1	40
42	8.4	8.1	8.3	7.9	6.8	6.1	5.4	5.1	4.7	42
44	8.2	7.9	8.0	7.4	6.3	5.5	5.1	4.7	4.3	44
46	8.1	7.7	7.8	6.9	5.8	5.1	4.7	4.3	4.1	46
48	7.4	7.5	7.7	6.4	5.5	4.8	4.3	4.0	3.8	48
50	7.4	7.3	7.4	6.0	5.0	4.4	4.0	3.6	3.6	50
52	7.2	7.1	6.9	5.6	4.7	4.1	3.6	3.3	3.3	52
54	7.0	6.9	6.6	5.2	4.3	3.7	3.4	3.1	3.0	54
56	7.0	6.6	6.2	5.0	4.0	3.4	3.1	2.8	2.7	56
58	6.7	6.5	5.8	4.6	3.7	3.1	2.8	2.6	2.5	58
60		6.3	5.5	4.3	3.4	2.9	2.6	2.4	2.3	60
62		5.9	4.7	4.0	3.1	2.6	2.3	2.2	2.1	62
64		5.5	4.4	3.7	2.8	2.3	2.1	2.0	2.0	64
66			4.2	3.1	2.6	2.2	1.9	1.8	1.8	66
68				3.9	2.8	2.4	1.9	1.7		68
70					2.7	1.9	1.7			70
72						2.4	1.7			72
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	2222222	Code
n	2	1	1	1	1	1	1	1	1	n

## Lifting height chart

Boom +10 m extension + fixed jib 40° offset angle



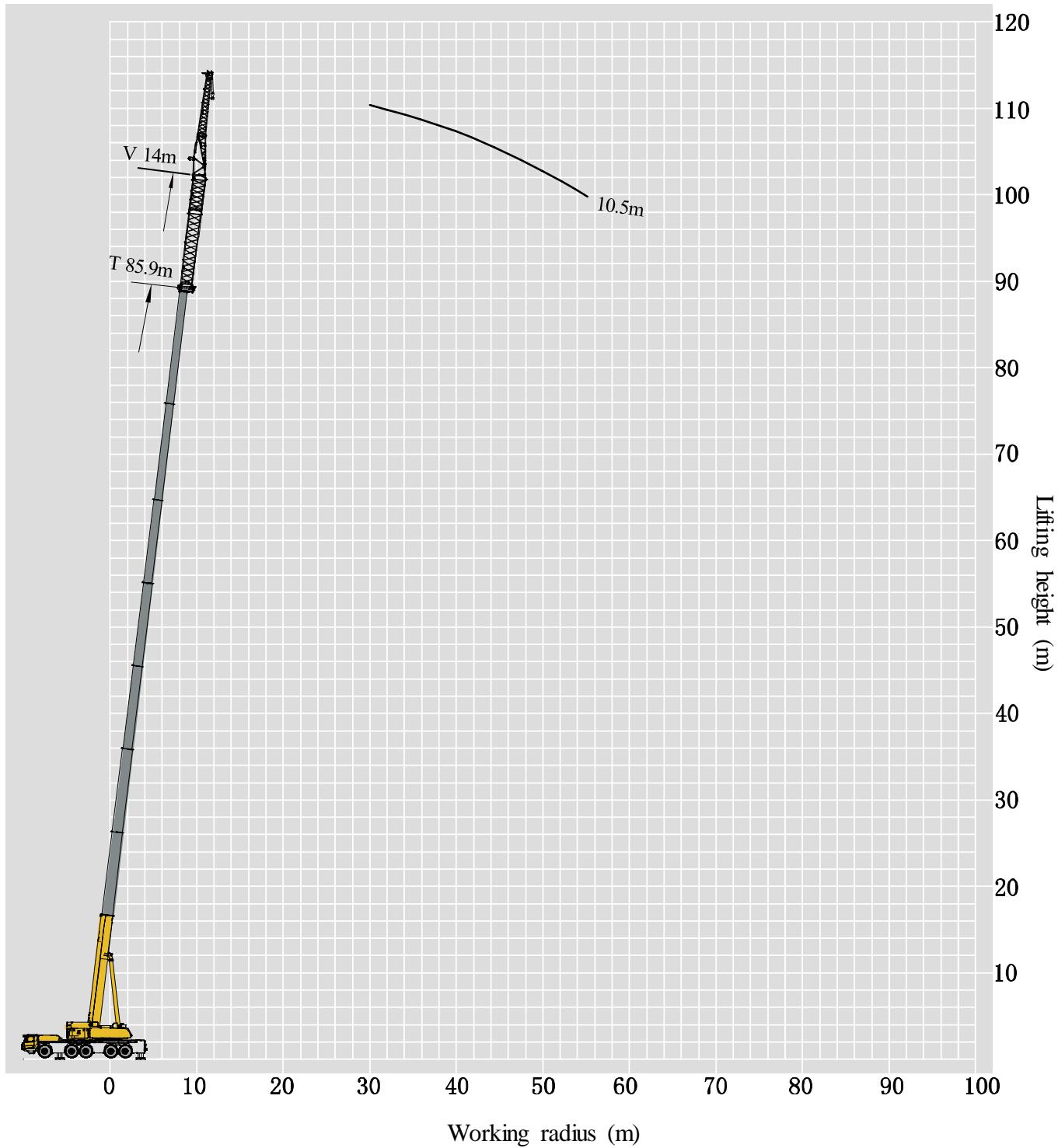
## Lifting load chart-Counterweight in the rear

T 45.5~85.9m

	45.5-85.9m T	10.5m T	40° 9.3m×8.3m	360°	100t	10m V				
20	8.8	8.9							20	
22	8.6	8.7	8.8						22	
24	8.5	8.4	8.6						24	
26	8.2	8.3	8.3	8.5	8.5				26	
28	8.1	8.1	8.2	8.4	8.4	7.8			28	
30	7.9	8.0	8.1	8.2	8.3	7.7	7.1		30	
32	7.8	7.9	8.0	8.0	8.2	7.6	7.0		32	
34	7.6	7.7	7.9	8.0	8.1	7.5	6.9	6.3	34	
36	7.6	7.7	7.7	7.9	8.0	7.5	6.9	6.2	36	
38	7.5	7.5	7.6	7.8	8.0	7.1	6.5	5.9	5.4	
40	7.4	7.5	7.6	7.8	7.5	6.6	6.0	5.5	5.1	
42	7.3	7.4	7.5	7.7	7.0	6.2	5.6	5.1	4.8	
44	7.3	7.3	7.5	7.5	6.5	5.8	5.2	4.9	4.4	
46	6.5	7.3	7.5	7.2	6.1	5.4	4.8	4.5	4.2	
48	6.5	6.6	7.4	6.7	5.7	5.0	4.5	4.2	3.9	
50		6.6	7.0	6.3	5.3	4.7	4.3	4.0	3.7	
52		6.5	6.8	5.6	5.0	4.3	3.9	3.7	3.4	
54			6.0	5.3	4.5	4.0	3.6	3.4	3.2	
56			5.7	4.7	4.1	3.8	3.3	3.2	3.0	
58				4.5	3.7	3.3	3.1	2.9	2.8	
60				4.2	3.4	3.0	2.9	2.7	2.6	
62					3.2	2.6	2.7	2.5	2.4	
64					2.9	2.4	2.5	2.3	2.3	
66						2.2	2.1	2.2	2.1	
68						2.1	1.9	1.8	1.9	
70							1.7	1.7	1.7	
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	2222222	Code
n	1	1	1	1	1	1	1	1	1	n

## Lifting height chart

Boom +14 m extension + fixed jib 0° offset angle



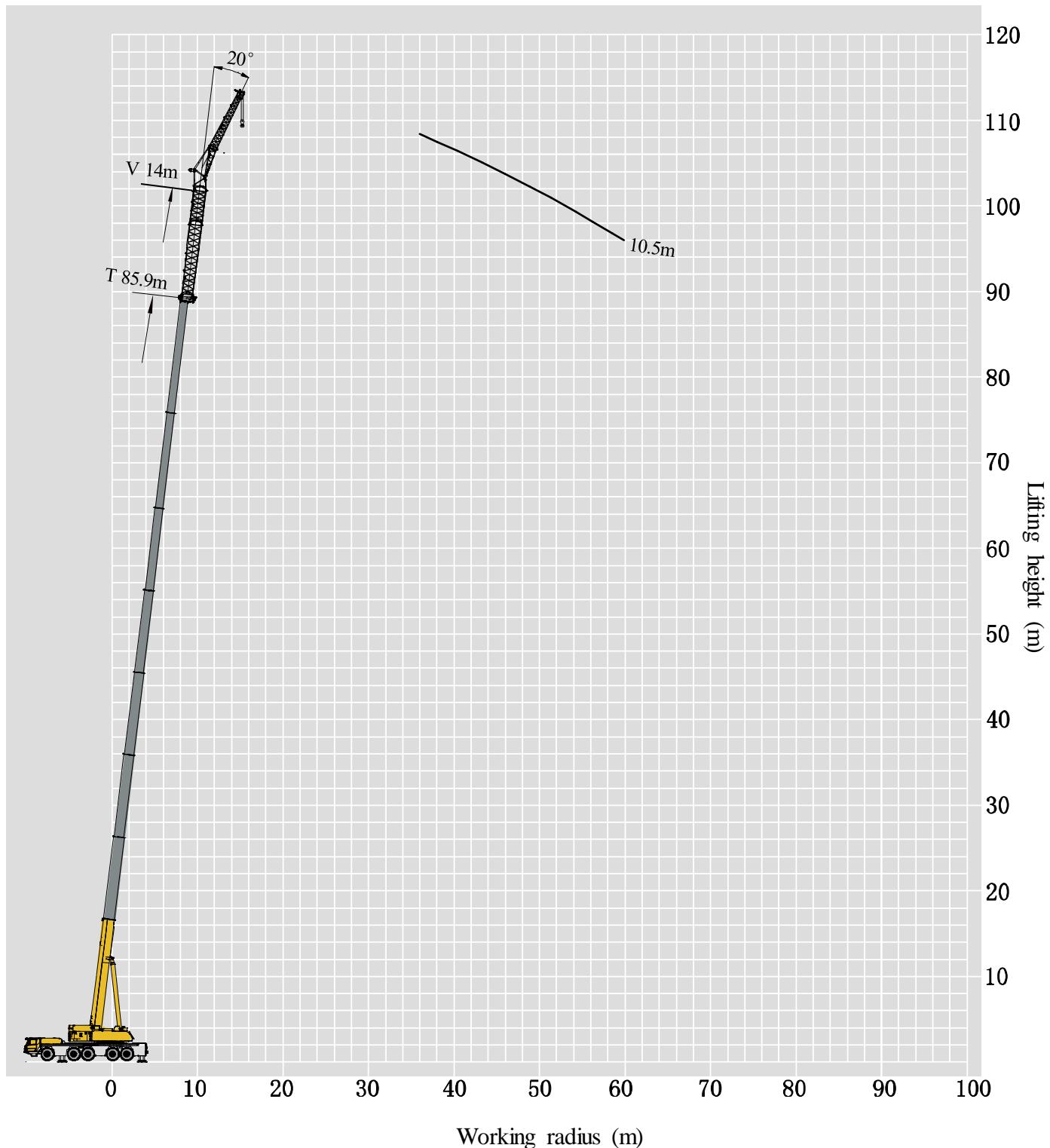
# Lifting load chart-Counterweight in the rear

T 45.5~85.9m

	45.5-85.9m T	10.5m T	0° 9.3m×8.3m	360°	100t	14m V				
12	15.2								12	
14	14.5	12.4							14	
16	13.8	12.0	11.4						16	
18	13.0	11.6	11.0	10.4					18	
20	12.2	11.1	10.7	10.2	9.3				20	
22	11.6	10.7	10.4	9.9	9.1	8.2			22	
24	11.1	10.3	10.0	9.6	8.9	8.0			24	
26	10.6	9.9	9.7	9.3	8.7	7.9	7.0		26	
28	10.1	9.5	9.4	9.0	8.4	7.8	7.0	5.9	28	
30	9.7	9.1	9.0	8.7	8.2	7.6	6.9	5.9	4.9	
32	9.2	8.8	8.8	8.5	8.0	7.5	6.8	5.8	4.9	
34	8.8	8.5	8.5	8.3	7.8	7.5	6.7	5.8	4.9	
36	8.5	8.2	8.2	8.1	7.6	7.1	6.4	5.7	4.9	
38	8.1	7.9	7.9	7.9	7.3	6.6	5.9	5.4	4.9	
40	7.9	7.7	7.6	7.6	6.7	5.9	5.4	4.9	4.7	
42	7.5	7.4	7.4	7.1	6.2	5.3	4.9	4.5	4.3	
44	7.3	7.2	7.2	6.7	5.8	5.0	4.5	4.2	3.9	
46	7.1	6.9	7.1	6.3	5.3	4.6	4.1	3.8	3.6	
48	6.8	6.7	6.8	5.9	4.9	4.2	3.7	3.5	3.3	
50	6.6	6.6	6.6	5.5	4.5	3.8	3.4	3.2	3.0	
52	6.3	6.4	6.5	5.1	4.2	3.5	3.1	2.9	2.7	
54	6.2	6.2	5.9	4.7	3.8	3.2	2.8	2.5	2.5	
56	6.0	6.0	5.7	4.4	3.5	2.9	2.6	2.4	2.3	
58	5.8	5.8	5.4	4.0	3.2	2.6	2.3	2.1		
60	5.6	5.6	5.0	3.7	2.9	2.3	2.0		60	
62	5.1	5.4	4.7	3.5	2.7	2.0	1.8		62	
64	5.0	4.9	4.4	3.2	2.4	1.9			64	
66	4.7	4.8	3.9	2.9	2.1	1.6			66	
68		4.6	3.4	2.7	1.9				68	
70		4.2	3.2	2.4	1.7				70	
72			2.9	2.2					72	
74			2.5	2.0					74	
76				1.6					76	
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	2222222	Code
n	2	1	1	1	1	1	1	1	1	n

## Lifting height chart

Boom +14 m extension + fixed jib 20° offset angle



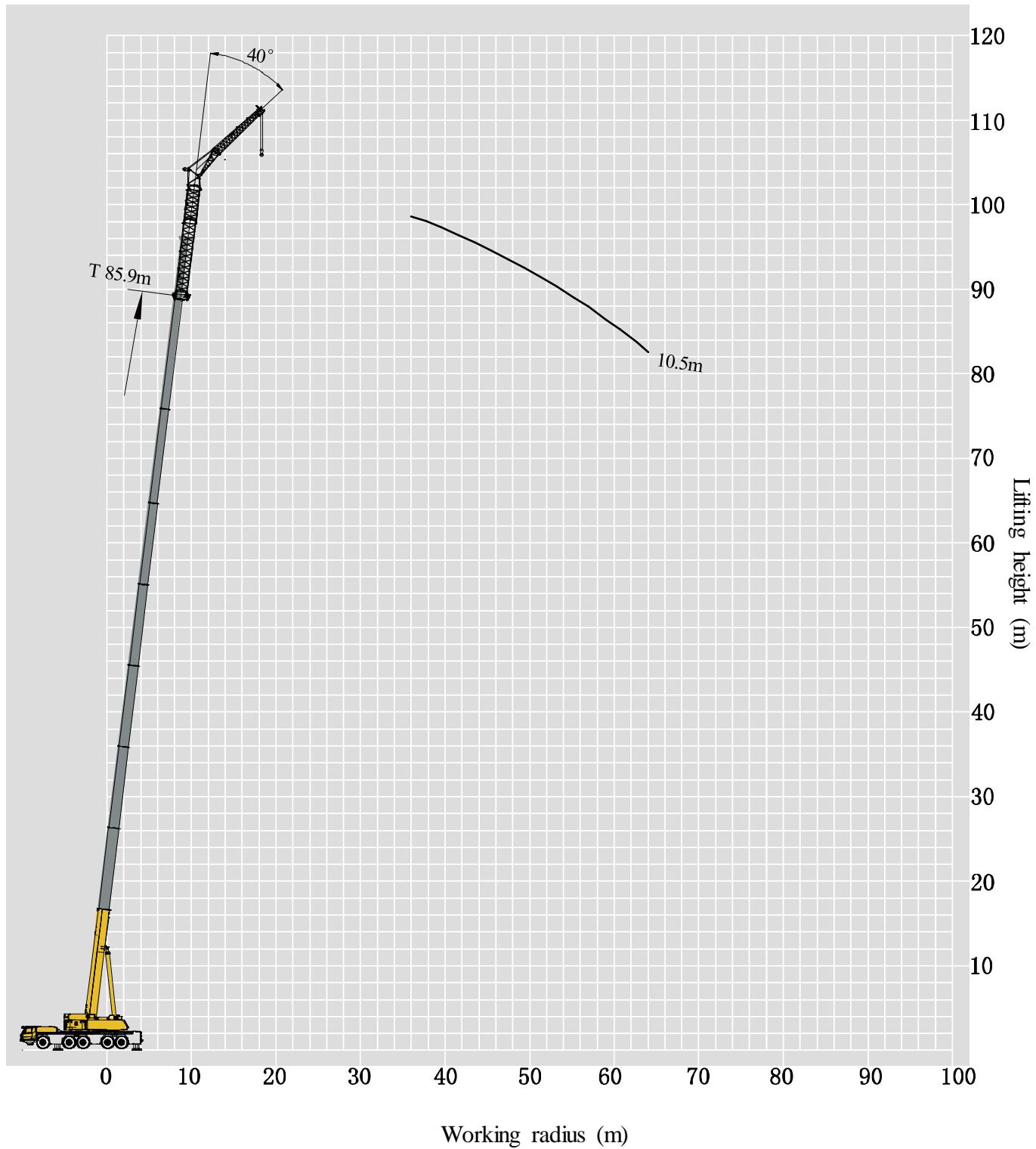
## Lifting load chart-Counterweight in the rear

T 45.5~85.9m

	45.5-85.9m T	10.5m T	20° 9.3m×8.3m	360°	100t	14m V				
18	11.4								18	
20	10.9	9.9							20	
22	10.4	9.6	9.4						22	
24	10.0	9.3	9.1	8.7					24	
26	9.5	8.9	8.8	8.5	7.9				26	
28	9.2	8.6	8.6	8.3	7.8	7.2			28	
30	8.8	8.4	8.2	7.9	7.7	7.1	6.4		30	
32	8.5	8.1	8.0	7.7	7.5	7.0	6.3		32	
34	8.1	7.8	7.8	7.6	7.3	6.8	6.2	5.5	34	
36	7.9	7.6	7.5	7.4	7.2	6.7	6.1	5.5	36	
38	7.5	7.4	7.3	7.2	7.0	6.6	5.9	5.4	5.0	
40	7.3	7.1	7.1	7.1	6.9	6.1	5.4	5.0	4.8	
42	7.1	6.9	7.0	6.9	6.5	5.7	5.0	4.6	4.4	
44	6.8	6.7	6.7	6.9	5.9	5.1	4.6	4.2	4.0	
46	6.6	6.5	6.6	6.4	5.5	4.7	4.2	3.9	3.7	
48	6.4	6.3	6.4	6.0	5.1	4.5	3.9	3.7	3.3	
50	6.2	6.2	6.3	5.6	4.7	4.1	3.6	3.3	3.1	
52	6.1	6.0	6.1	5.2	4.4	3.7	3.3	3.0	2.8	
54	5.9	5.8	6.1	4.8	4.0	3.4	3.0	2.7	2.7	
56	5.7	5.7	5.7	4.5	3.7	3.2	2.7	2.6	2.4	
58	5.6	5.6	5.4	4.3	3.5	2.9	2.4	2.3	2.3	
60	5.2	5.3	5.1	4.0	3.2	2.6	2.3	2.0	2.0	
62	5.0	5.2	4.8	3.7	2.9	2.3	2.0	1.9	62	
64		4.8	4.5	3.4	2.6	2.0	1.7		64	
66		4.6	4.3	3.1	2.3	1.9			66	
68		4.6	3.8	2.7	2.0	1.6			68	
70			3.3	2.5	1.8				70	
72			3.1	2.1					72	
74				2.0					74	
76				1.8					76	
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	2222222	Code
n	1	1	1	1	1	1	1	1	1	n

## Lifting height chart

Boom +14 m extension + fixed jib 40° offset angle



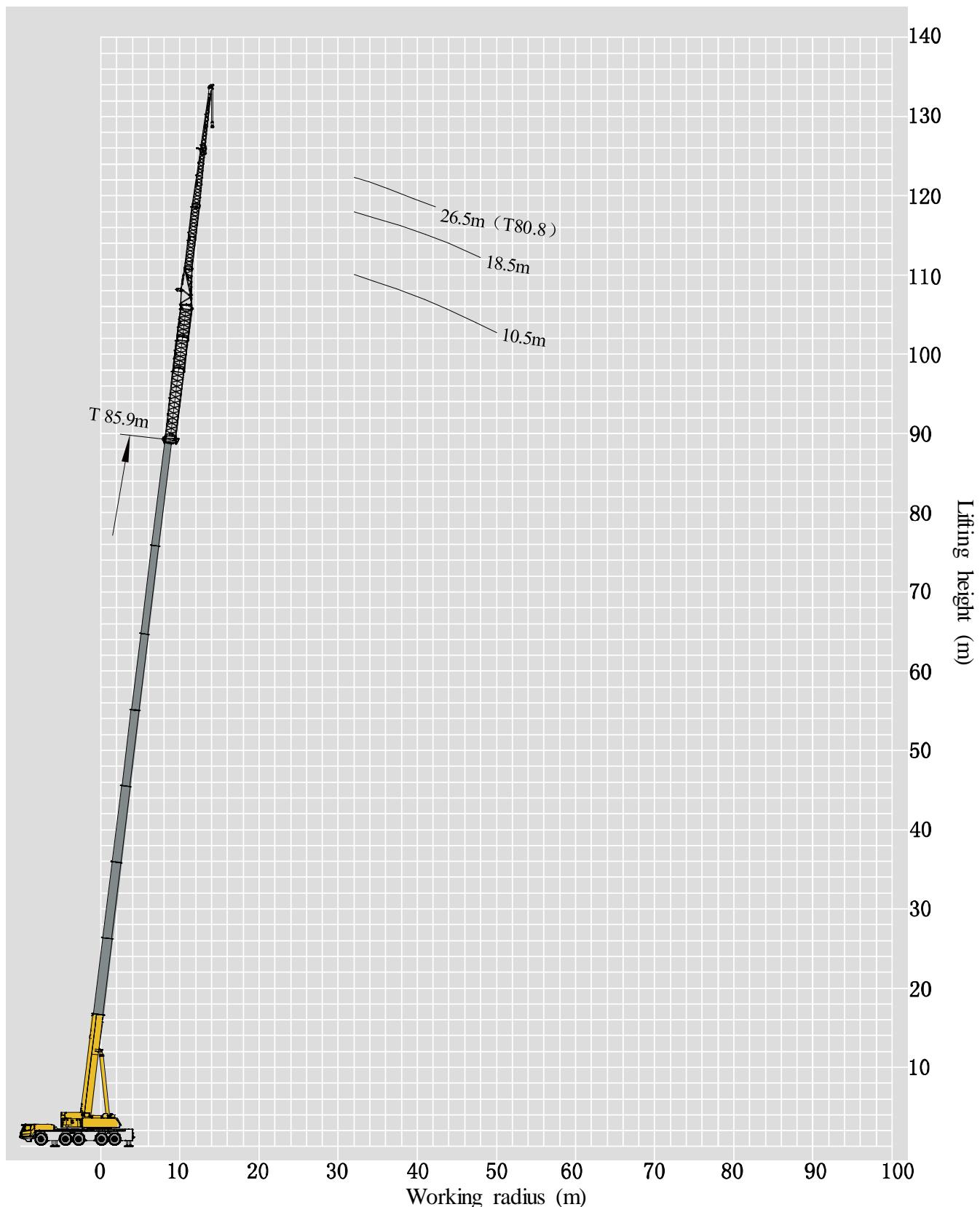
## Lifting load chart-Counterweight in the rear

T 45.5~85.9m

	45.5	50.6	55.6	60.7	65.7	70.7	75.8	80.8	85.9	
20	8.9									20
22	8.6	8.7								22
24	8.5	8.5	8.6							24
26	8.3	8.3	8.4	7.9	7.4					26
28	8.1	8.2	8.2	7.7	7.2	6.8				28
30	8.0	8.1	8.1	7.5	7.1	6.7				30
32	7.9	7.9	7.5	7.3	7.0	6.6	6.0			32
34	7.8	7.8	7.3	7.2	6.9	6.5	5.9	5.3		34
36	7.6	7.2	7.2	7.0	6.8	6.4	5.9	5.3	4.6	36
38	7.5	7.0	7.0	6.9	6.6	6.3	5.9	5.2	4.6	38
40	7.0	6.8	6.8	6.7	6.5	6.2	5.7	5.2	4.6	40
42	6.8	6.7	6.6	6.5	6.4	5.9	5.2	4.8	4.4	42
44	6.6	6.5	6.5	6.4	6.1	5.3	4.9	4.4	4.1	44
46	6.4	6.3	6.4	6.3	5.7	5.1	4.5	4.1	3.8	46
48	6.3	6.2	6.2	6.2	5.3	4.7	4.2	3.8	3.6	48
50	5.8	6.1	5.8	5.9	4.9	4.3	3.9	3.6	3.3	50
52	5.6	5.6	5.7	5.4	4.6	4.0	3.5	3.3	3.1	52
54		5.5	5.6	5.1	4.2	3.7	3.3	3.0	2.8	54
56		5.3	5.4	4.8	4.0	3.4	3.0	2.7	2.6	56
58			5.1	4.5	3.7	3.1	2.7	2.5	2.4	58
60			4.9	4.1	3.2	2.8	2.6	2.3	2.3	60
62				3.6	3.0	2.7	2.3	2.1	2.1	62
64				3.3	2.6	2.3	2.1	1.9	1.9	64
66					2.4	2.1	1.8	1.8		66
68					2.2	1.8	1.7			68
70						1.6				70
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	2222222	Code
n	1	1	1	1	1	1	1	1	1	n

## Lifting height chart

Boom +18 m extension + fixed jib 0° offset angle



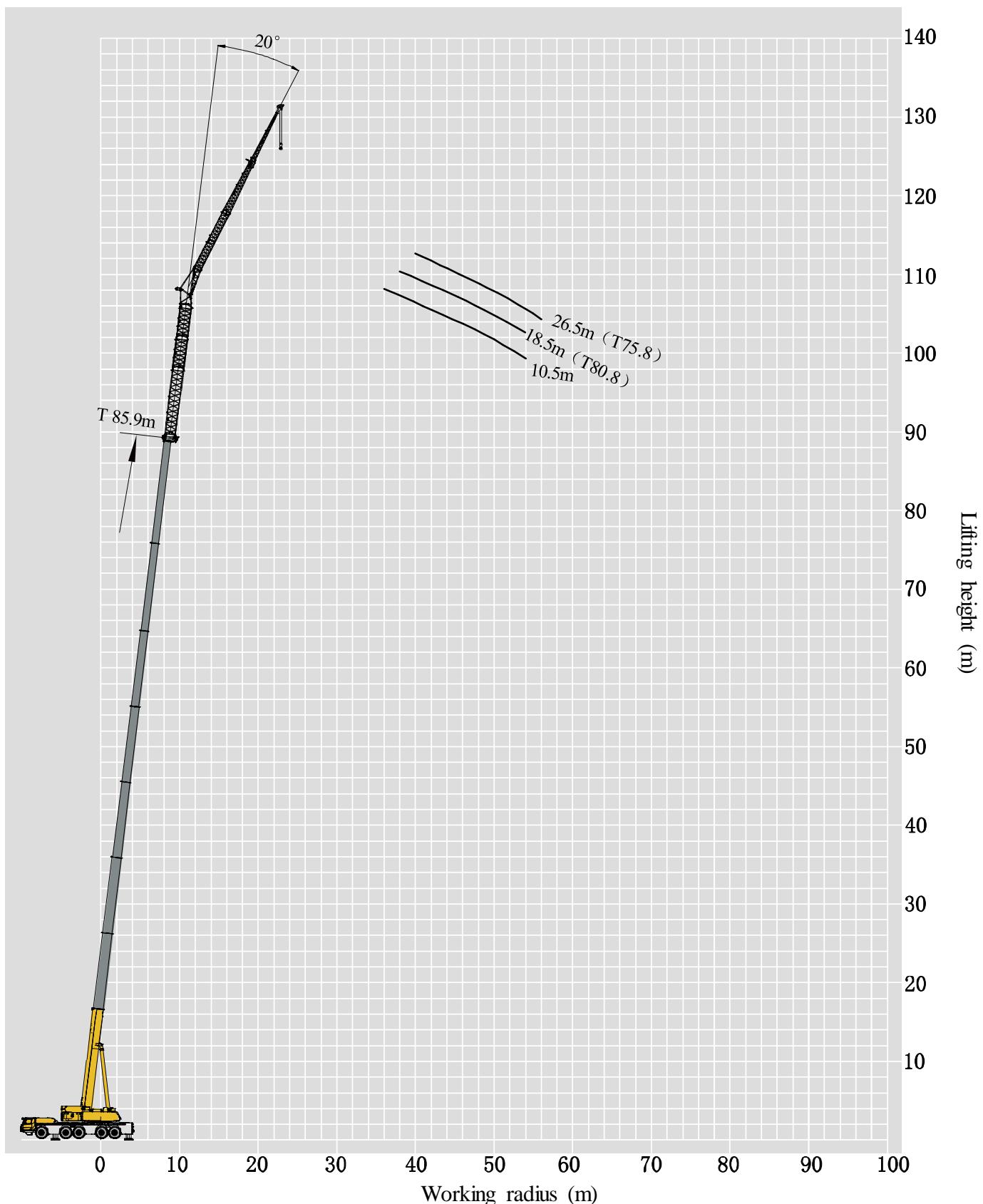
# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

	45.5	50.6	55.6	60.7	65.7	70.7	75.8	80.8	
16	6.4								16
18	6.3	5.5							18
20	6.0	5.4	5.1						20
22	5.8	5.3	5.0	4.8					22
24	5.7	5.1	4.9	4.7	4.2				24
26	5.5	5.0	4.8	4.6	4.2				26
28	5.3	4.8	4.7	4.5	4.1	3.7			28
30	5.1	4.7	4.6	4.4	4.0	3.7	3.2		30
32	4.9	4.6	4.5	4.3	3.9	3.7	3.1	2.7	32
34	4.7	4.5	4.3	4.2	3.8	3.6	3.1	2.7	34
36	4.5	4.4	4.2	4.1	3.8	3.5	3.1	2.6	36
38	4.2	4.4	4.1	4.0	3.7	3.4	3.1	2.6	38
40	4.0	4.2	4.0	3.9	3.6	3.3	3.1	2.6	40
42	3.9	4.0	3.9	3.8	3.5	3.3	3.0	2.5	42
44	3.7	3.8	3.9	3.7	3.5	3.2	2.9	2.5	44
46	3.5	3.6	3.8	3.6	3.4	3.1	2.8	2.5	46
48	3.4	3.5	3.7	3.5	3.3	3.0	2.8		48
50	3.3	3.4	3.6	3.4	3.2	3.0	2.7		50
52	3.2	3.3	3.4	3.2	3.2	2.9			52
54	3.0	3.1	3.3	3.2	3.1	2.7			54
56	2.9	3.0	3.2	3.2	2.9	2.4			56
58	2.8	2.9	3.1	3.1	2.6				58
60	2.6	2.7	2.9	3.0	2.3				60
62	2.5	2.6	2.8	2.8	2.2				62
64	2.4	2.5	2.7	2.6	1.9				64
66	2.4	2.5	2.7	2.4					66
68	2.2	2.4	2.5	2.2					68
70	2.2	2.3	2.5	2.0					70
72	2.2	2.3	2.4	1.8					72
74	2.0	2.2	2.4						74
76	2.0	2.2	2.3						76
78	1.8	2.1	2.1						78
80	1.8	2.0	1.9						80
82	1.7	1.8	1.7						82
84	1.7	1.8							84
86		1.8							86
88		1.7							88
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code
n	1	1	1	1	1	1	1	1	n

## Lifting height chart

Boom +18 m extension + fixed jib 20° offset angle



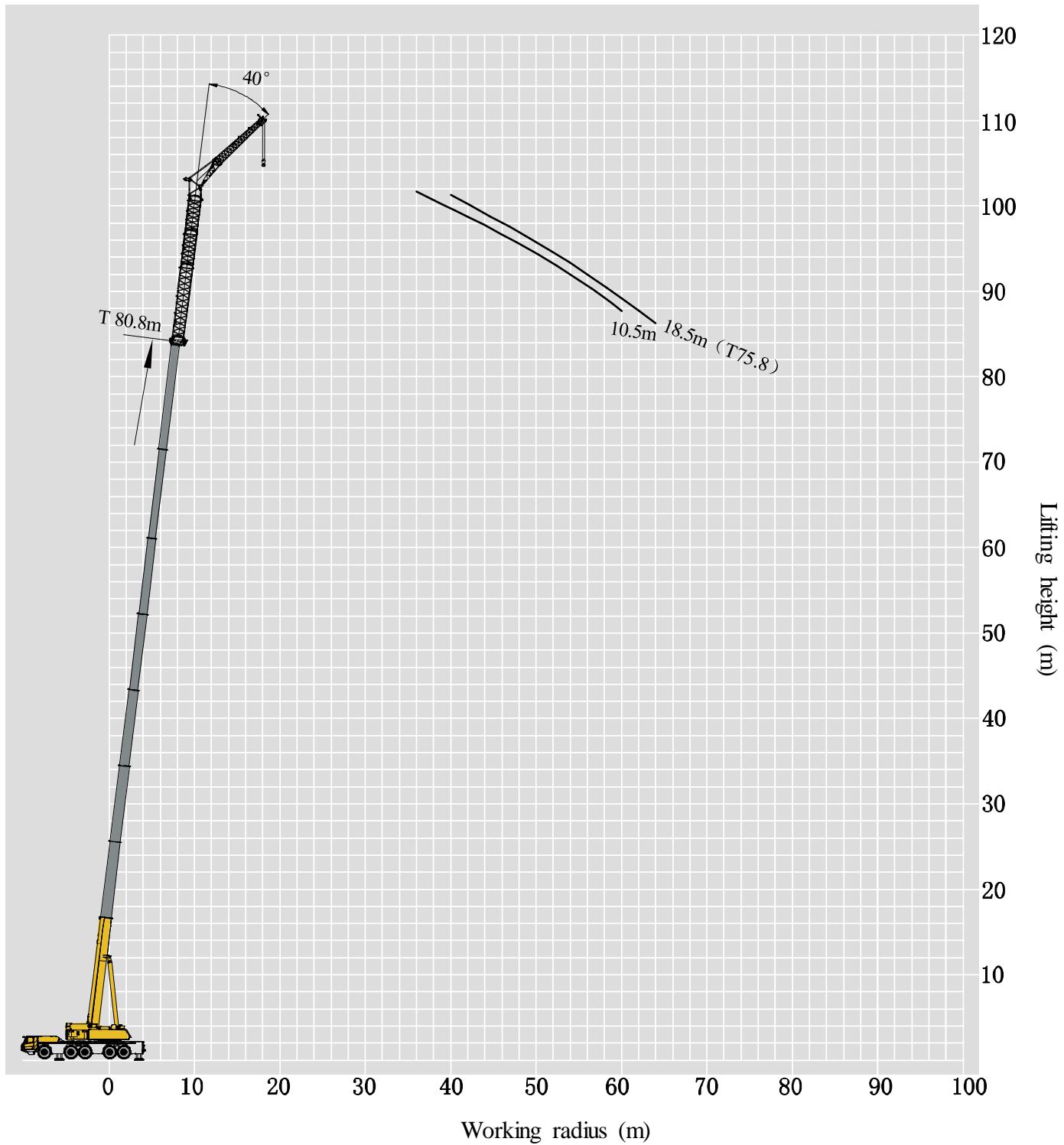
# Lifting load chart-Counterweight in the rear

T 45.5~75.8m

	45.5	50.6	55.6	60.7	65.7	70.7	75.8	
28	3.4							28
30	3.2	3.1						30
32	3.1	3.0	3.1	3.1				32
34	3.0	2.9	3.1	3.1				34
36	2.9	2.9	3.0	3.0	3.1			36
38	2.8	2.8	2.8	2.9	3.0	3.0		38
40	2.6	2.7	2.7	2.8	2.9	2.9	2.8	40
42	2.5	2.6	2.7	2.7	2.8	2.8	2.7	42
44	2.5	2.5	2.6	2.7	2.7	2.8	2.7	44
46	2.4	2.4	2.5	2.6	2.7	2.7	2.7	46
48	2.4	2.4	2.4	2.6	2.6	2.7	2.6	48
50	2.3	2.3	2.4	2.5	2.6	2.6	2.6	50
52	2.3	2.3	2.3	2.4	2.5	2.6	2.5	52
54	2.1	2.2	2.3	2.4	2.4	2.5	2.5	54
56	2.1	2.2	2.2	2.3	2.4	2.5	2.3	56
58	2.0	2.1	2.2	2.3	2.4	2.5		58
60	2.0	2.1	2.1	2.2	2.4	2.3		60
62	2.0	2.0	2.1	2.2	2.3	2.0		62
64	1.9	2.0	2.1	2.1	2.2			64
66	1.9	2.0	2.0	2.1	2.0			66
68	1.8	1.9	2.0	2.1	1.9			68
70	1.8	1.9	2.0	2.1				70
72	1.8	1.9	1.9	2.0				72
74	1.7	1.8	1.8	1.8				74
76	1.7	1.7	1.8	1.7				76
78		1.6	1.8					78
80		1.6	1.7					80
82		1.6	1.7					82
84		1.6	1.6					84
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	Code
n	1	1	1	1	1	1	1	n

## Lifting height chart

Boom +18 m extension + fixed jib 40° offset angle



# Lifting load chart-Counterweight in the rear

T 45.5~75.8m

	45.5	50.6	55.6	60.7	65.7	70.7	75.8	
26	2.8							26
28	2.7	2.7						28
30	2.6	2.7						30
32	2.6	2.6	2.6	2.6				32
34	2.5	2.6	2.6	2.6	2.6			34
36	2.5	2.5	2.6	2.6	2.6			36
38	2.5	2.4	2.6	2.6	2.6	2.6		38
40	2.4	2.4	2.6	2.6	2.5	2.6	2.6	40
42	2.3	2.4	2.4	2.6	2.5	2.6	2.6	42
44	2.3	2.3	2.4	2.5	2.5	2.6	2.6	44
46	2.3	2.3	2.4	2.3	2.5	2.6	2.6	46
48	2.3	2.3	2.3	2.3	2.3	2.6	2.6	48
50	2.3	2.3	2.3	2.3	2.3	2.4	2.5	50
52	2.2	2.3	2.3	2.3	2.3	2.4	2.4	52
54	2.2	2.2	2.3	2.3	2.3	2.3	2.4	54
56	2.2	2.2	2.3	2.2	2.3	2.3	2.4	56
58	2.1	2.2	2.3	2.2	2.3	2.3	2.4	58
60	2.1	2.2	2.2	2.2	2.3	2.3	2.3	60
62	2.1	2.2	2.2	2.2	2.3	2.3	2.2	62
64	2.1	2.2	2.2	2.2	2.3	2.2	1.9	64
66		2.2	2.2	2.2	2.3	2.0		66
68			2.2	2.2	2.3			68
70			2.2	2.2	2.0			70
72				2.2	1.9			72
74				2.2				74
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	Code
n	1	1	1	1	1	1	1	n

# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

	45.5-80.8m T	18.5m	20°	9.3m×8.3m	360°	100t	18m V	80.8+18m	
	45.5+18m	50.6+18m	55.6+18m	60.7+18m	65.7+18m	70.7+18m	75.8+18m	80.8+18m	
24	4.2								24
26	4.0	4.0	4.1						26
28	3.8	3.9	3.9	4.0					28
30	3.7	3.8	3.8	3.9	3.9				30
32	3.6	3.7	3.7	3.8	3.8	3.9			32
34	3.4	3.5	3.6	3.7	3.7	3.7	3.8		34
36	3.3	3.4	3.5	3.6	3.6	3.6	3.7		36
38	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.4	38
40	3.1	3.2	3.3	3.3	3.4	3.4	3.5	3.4	40
42	3.0	3.1	3.1	3.2	3.3	3.4	3.4	3.3	42
44	2.9	2.9	3.0	3.1	3.2	3.3	3.4	3.3	44
46	2.8	2.9	3.0	3.0	3.1	3.3	3.3	3.3	46
48	2.8	2.8	2.9	3.0	3.1	3.2	3.3	3.2	48
50	2.7	2.8	2.8	2.9	3.0	3.1	3.3	3.0	50
52	2.6	2.7	2.8	2.9	3.0	3.1	3.0	2.8	52
54	2.6	2.7	2.7	2.8	2.9	3.0	2.7	2.5	54
56	2.5	2.6	2.7	2.8	2.9	2.9	2.5		56
58	2.4	2.5	2.7	2.7	2.9	2.6	2.2		58
60	2.4	2.5	2.5	2.7	2.8	2.4			60
62	2.4	2.4	2.5	2.7	2.6	2.2			62
64	2.3	2.4	2.5	2.5	2.4	1.9			64
66	2.3	2.4	2.4	2.5	2.2				66
68	2.2	2.2	2.4	2.5	2.0				68
70	2.1	2.2	2.4	2.4	1.7				70
72	2.0	2.1	2.4	2.2					72
74	2.0	2.1	2.2	2.0					74
76		2.1	2.2	1.7					76
78		2.1	2.1						78
80			2.1						80
82			1.9						82
84			1.8						84
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code
n	1	1	1	1	1	1	1	1	n

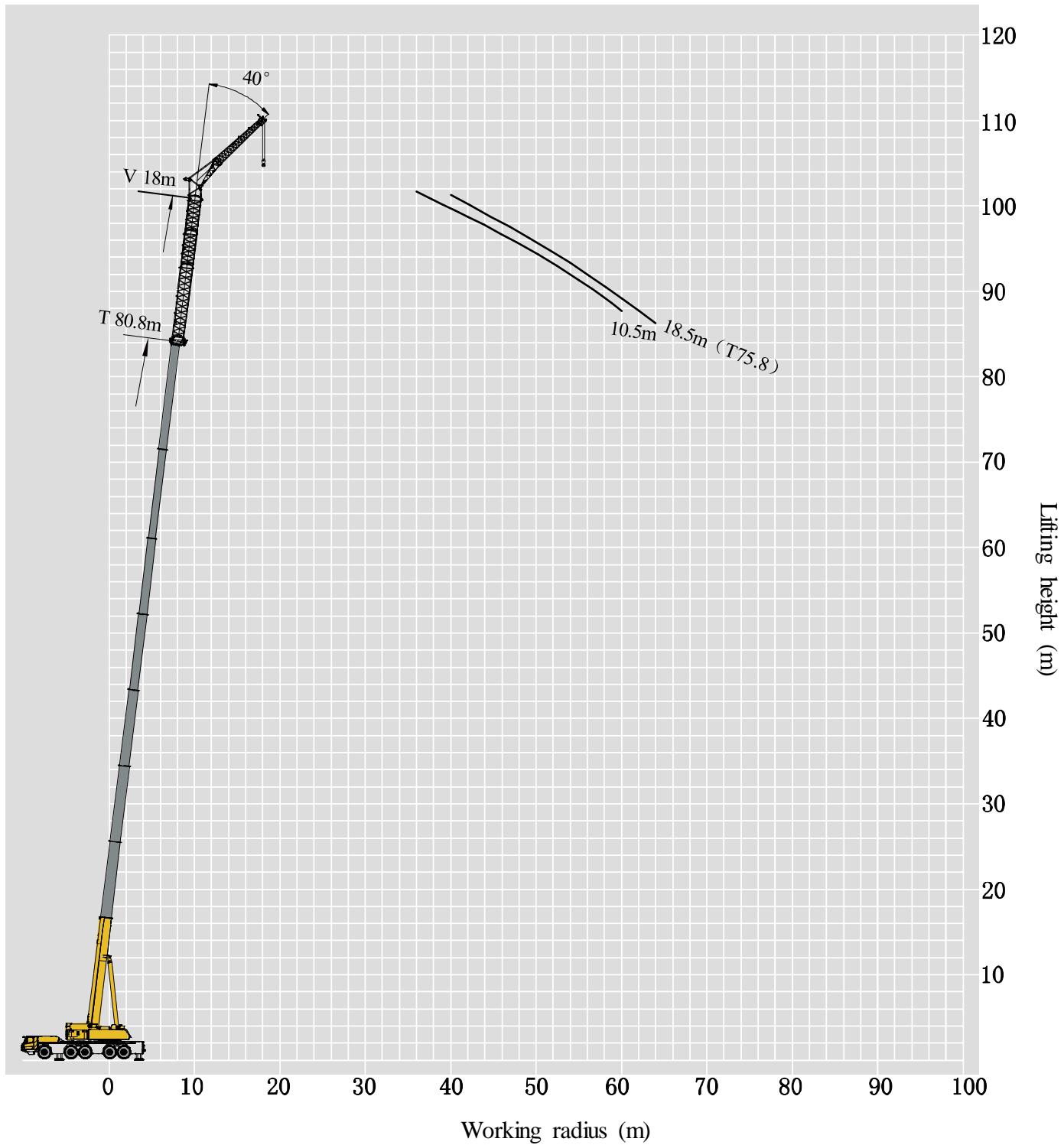
# Lifting load chart-Counterweight in the rear

T 45.5~85.9m

		45.5-85.9m T	10.5m	20°	9.3m×8.3m	360°	100t	18m V		
		45.5+18m	50.6+18m	55.6+18m	60.7+18m	65.7+18m	70.7+18m	75.8+18m	80.8+18m	85.9+18m
18	9.8									18
20	9.4	8.6								20
22	8.9	8.3	8.0							22
24	8.6	8.0	7.8	7.0						24
26	8.3	7.7	7.6	6.9	6.8					26
28	7.9	7.4	7.4	6.8	6.7	6.2				28
30	7.7	7.2	7.1	6.7	6.5	6.1				30
32	7.3	7.0	6.9	6.6	6.4	5.9	5.4			32
34	7.1	6.7	6.7	6.5	6.2	5.8	5.3	4.6		34
36	6.8	6.5	6.5	6.3	6.1	5.7	5.2	4.6	4.0	36
38	6.5	6.3	6.3	6.2	5.9	5.6	5.1	4.6	4.0	38
40	6.3	6.2	6.1	6.0	5.8	5.6	5.0	4.6	4.0	40
42	6.0	5.9	5.9	5.8	5.7	5.2	4.7	4.4	3.9	42
44	5.9	5.7	5.7	5.7	5.5	4.8	4.3	3.9	3.5	44
46	5.7	5.6	5.6	5.6	5.2	4.4	3.9	3.5	3.2	46
48	5.5	5.4	5.5	5.4	4.8	4.0	3.6	3.3	3.0	48
50	5.3	5.2	5.3	5.3	4.4	3.7	3.2	3.0	2.7	50
52	5.2	5.1	5.1	4.9	4.0	3.3	3.0	2.7	2.5	52
54	5.0	5.0	5.0	4.6	3.7	3.0	2.7	2.5	2.4	54
56	4.9	4.8	4.9	4.2	3.4	2.8	2.4	2.2		56
58	4.7	4.7	4.9	3.9	3.1	2.5	2.1			58
60	4.5	4.6	4.7	3.6	2.8	2.2	1.9			60
62	4.2	4.2	4.4	3.4	2.5	2.0				62
64	4.2	4.1	4.1	3.1	2.2	1.8				64
66	4.0	4.0	3.8	2.8	2.1					66
68		3.8	3.6	2.5	1.8					68
70		3.7	3.4	2.2	1.6					70
72			2.9	2.0						72
74			2.6	1.8						74
76			2.5							76
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	2222222	Code
n	1	1	1	1	1	1	1	1	1	n

## Lifting height chart

Boom +18 m extension + fixed jib 40° offset angle



# Lifting load chart-Counterweight in the rear

T 45.5~75.8m

	45.5-75.8m T	18.5m	40°	9.3m×8.3m	360°	100t	18m V	
	45.5+18m	50.6+18m	55.6+18m	60.7+18m	65.7+18m	70.7+18m	75.8+18m	
26	2.8							26
28	2.7	2.7						28
30	2.6	2.7						30
32	2.6	2.6	2.6	2.6				32
34	2.5	2.6	2.6	2.6	2.6			34
36	2.5	2.5	2.6	2.6	2.6			36
38	2.5	2.4	2.6	2.6	2.6	2.6		38
40	2.4	2.4	2.6	2.6	2.5	2.6	2.6	40
42	2.3	2.4	2.4	2.6	2.5	2.6	2.6	42
44	2.3	2.3	2.4	2.5	2.5	2.6	2.6	44
46	2.3	2.3	2.4	2.3	2.5	2.6	2.6	46
48	2.3	2.3	2.3	2.3	2.3	2.6	2.6	48
50	2.3	2.3	2.3	2.3	2.3	2.4	2.5	50
52	2.2	2.3	2.3	2.3	2.3	2.4	2.4	52
54	2.2	2.2	2.3	2.3	2.3	2.3	2.4	54
56	2.2	2.2	2.3	2.2	2.3	2.3	2.4	56
58	2.1	2.2	2.3	2.2	2.3	2.3	2.4	58
60	2.1	2.2	2.2	2.2	2.3	2.3	2.3	60
62	2.1	2.2	2.2	2.2	2.3	2.3	2.2	62
64	2.1	2.2	2.2	2.2	2.3	2.2	1.9	64
66		2.2	2.2	2.2	2.3	2.0		66
68			2.2	2.2	2.3			68
70			2.2	2.2	2.0			70
72				2.2	1.9			72
74				2.2				74
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	Code
n	1	1	1	1	1	1	1	n

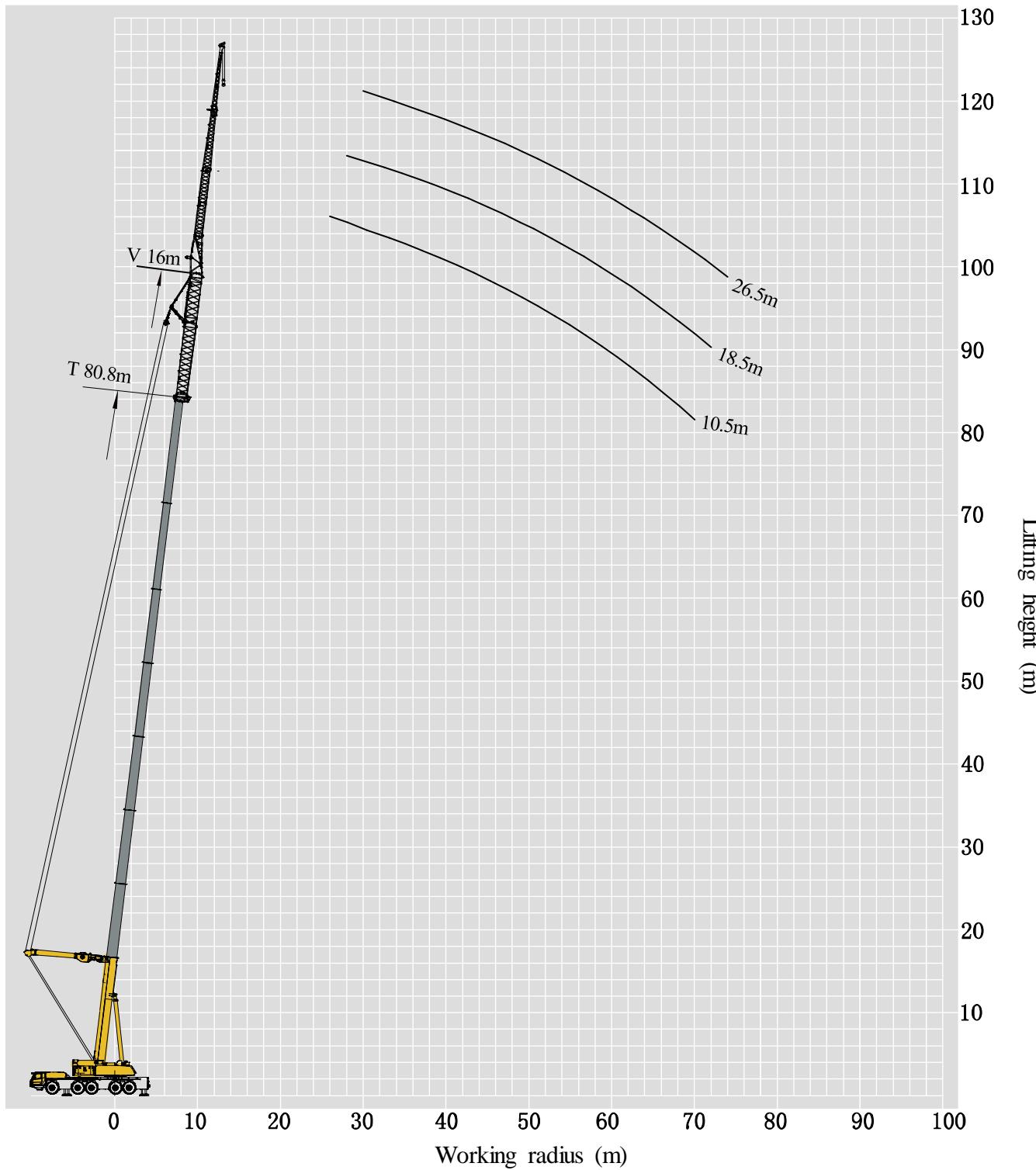
## Lifting load chart-Counterweight in the rear

T 45.5~80.8m

	45.5-80.8m T	10.5m	40°	9.3m×8.3m	360°	100t	18m V	80.8+18m	
20	8.9								20
22	8.7	7.7							22
24	8.0	7.5	7.3						24
26	7.7	7.2	7.1	6.8					26
28	7.5	7.0	6.9	6.7	6.3				28
30	7.3	6.8	6.8	6.5	6.2	5.5			30
32	6.9	6.7	6.6	6.3	6.1	5.5			32
34	6.7	6.4	6.3	6.2	6.0	5.5	5.1		34
36	6.5	6.2	6.2	6.0	5.9	5.5	5.0	4.5	36
38	6.3	6.1	6.1	5.9	5.8	5.4	4.9	4.4	38
40	6.1	5.9	5.9	5.8	5.5	5.3	4.9	4.4	40
42	5.9	5.7	5.7	5.7	5.4	5.2	4.9	4.2	42
44	5.7	5.5	5.6	5.6	5.3	5.0	4.5	4.1	44
46	5.5	5.4	5.5	5.4	5.3	4.7	4.1	3.7	46
48	5.4	5.3	5.3	5.3	5.0	4.3	3.9	3.4	48
50	5.3	5.2	5.1	5.1	4.6	4.0	3.5	3.2	50
52	4.8	4.8	5.0	5.0	4.3	3.6	3.2	2.9	52
54	4.6	4.7	4.6	4.8	4.0	3.3	2.9	2.6	54
56	4.5	4.5	4.6	4.4	3.7	3.1	2.7	2.4	56
58		4.4	4.5	4.1	3.4	2.8	2.4	2.2	58
60			4.4	3.7	3.1	2.5	2.3	2.0	60
62			4.2	3.2	2.7	2.3	2.0		62
64				3.0	2.4	2.0	1.8		64
66				2.7	2.1	1.8			66
68					1.9				68
70					1.7				70
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code
n	1	1	1	1	1	1	1	1	n

## Lifting height chart

Boom + super lift + 16 m extension + fixed jib 0° offset angle



# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

	45.5-80.8m T	26.5m	0° SL	60.7+16m	65.7+16m	70.7+16m 9.3m×8.3m	360° 100t	16m V	80.8+16m	
	45.5+16m	50.6+16m	55.6+16m	60.7+16m	65.7+16m	70.7+16m	75.8+16m	80.8+16m		
14	10.4									14
16	10.0	10.1								16
18	8.9	9.3	9.5							18
20	8.2	8.5	8.8	9.1						20
22	7.4	7.7	8.1	8.3	8.7					22
24	6.8	7.1	7.5	7.7	8.0	8.1				24
26	6.3	6.6	6.9	7.1	7.5	7.7				26
28	5.9	6.1	6.5	6.6	7.1	7.2	7.1			28
30	5.4	5.7	6.0	6.2	6.6	6.8	6.7	5.9		30
32	5.1	5.3	5.6	5.8	6.1	6.3	6.3	5.9		32
34	4.8	5.0	5.3	5.5	5.7	5.9	6.0	5.9		34
36	4.5	4.8	5.0	5.2	5.5	5.6	5.7	5.7		36
38	4.4	4.6	4.8	5.0	5.3	5.3	5.5	5.6		38
40	4.1	4.3	4.5	4.8	4.9	5.1	5.3	5.2		40
42	3.8	4.1	4.3	4.5	4.7	4.9	5.0	4.9		42
44	3.7	3.9	4.1	4.3	4.6	4.7	4.9	4.8		44
46	3.5	3.7	3.9	4.2	4.3	4.5	4.6	4.7		46
48	3.4	3.5	3.8	3.9	4.2	4.3	4.5	4.5		48
50	3.2	3.4	3.6	3.8	4.0	4.1	4.3	4.3		50
52	3.0	3.3	3.4	3.7	3.8	4.0	4.0	4.1		52
54	3.0	3.1	3.3	3.5	3.7	3.9	3.9	4.0		54
56	2.8	2.9	3.2	3.3	3.6	3.7	3.8	3.9		56
58	2.6	2.9	3.1	3.2	3.5	3.6	3.7	3.7		58
60	2.6	2.7	2.9	3.0	3.3	3.4	3.6	3.6		60
62	2.3	2.4	2.6	2.8	3.1	3.1	3.3	3.3		62
64	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.2		64
66	2.2	2.4	2.5	2.7	2.7	2.9	3.1	3.1		66
68	2.2	2.2	2.4	2.5	2.7	2.8	3.0	3.0		68
70	1.9	2.1	2.2	2.4	2.5	2.6	2.6	2.7		70
72	1.9	2.0	2.1	2.2	2.2	2.2	2.2	2.3		72
74	1.8	2.0	2.0	2.1	1.9	1.8	1.8	1.9		74
76	1.8	1.9	2.0	1.7						76
78	1.7	1.8	1.8							78
80	1.6	1.7								80
82		1.7								82
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code	
n	1	1	1	1	1	1	1	1	n	

# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

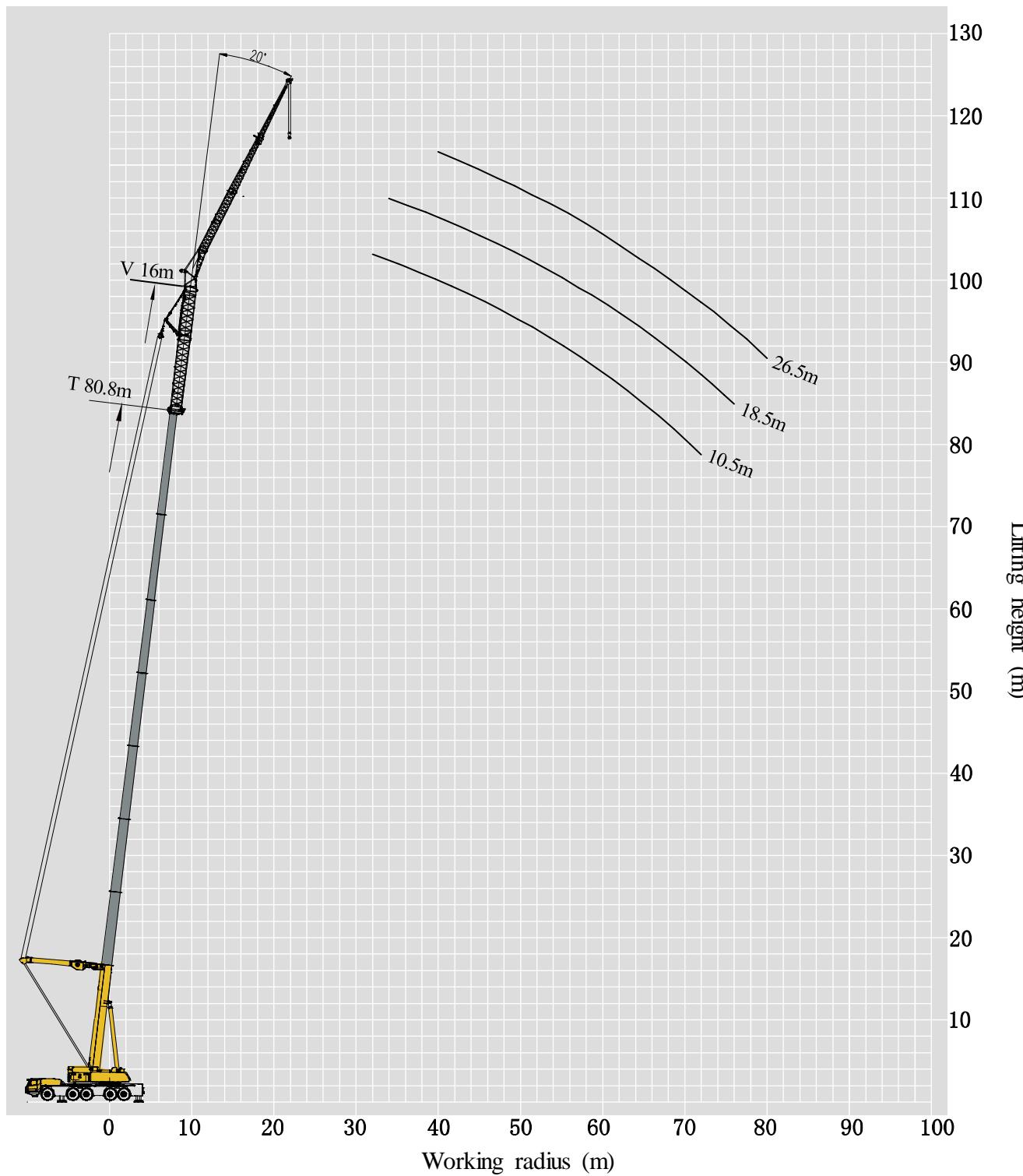
	45.5-80.8m T	18.5m	0°	SL	9.3m×8.3m	360°	100t	16m V	80.8+16m	
n	45.5+16m	50.6+16m	55.6+16m	60.7+16m	65.7+16m	70.7+16m	75.8+16m			12
12	12.8									12
14	12.6	12.4								14
16	11.8	12.2	12.2							16
18	10.5	11.1	11.6	11.8						18
20	9.5	10.0	10.6	11.0	11.6					20
22	8.6	9.1	9.6	10.0	10.5	10.8				22
24	7.9	8.3	8.9	9.2	9.7	10.0				24
26	7.3	7.6	8.1	8.5	8.9	9.2	9.4			26
28	6.7	7.1	7.6	7.9	8.3	8.6	8.7	8.7		28
30	6.2	6.7	7.0	7.3	7.9	8.1	8.2	8.1		30
32	5.8	6.2	6.5	6.9	7.2	7.6	7.7	7.7		32
34	5.5	5.8	6.2	6.5	6.8	7.2	7.3	7.3		34
36	5.2	5.5	5.9	6.2	6.5	6.7	6.9	6.9		36
38	4.9	5.2	5.5	5.9	6.2	6.3	6.5	6.7		38
40	4.7	5.0	5.2	5.5	5.9	6.1	6.2	6.3		40
42	4.4	4.7	5.0	5.3	5.6	5.7	6.0	6.1		42
44	4.2	4.5	4.8	5.1	5.4	5.5	5.7	5.8		44
46	4.1	4.3	4.6	4.8	5.1	5.3	5.6	5.7		46
48	3.9	4.1	4.3	4.7	4.9	5.1	5.3	5.4		48
50	3.7	3.9	4.2	4.5	4.8	5.0	5.1	5.2		50
52	3.6	3.8	4.0	4.2	4.5	4.8	4.9	5.1		52
54	3.4	3.6	3.9	4.1	4.3	4.5	4.7	4.9		54
56	3.2	3.5	3.8	4.0	4.2	4.4	4.5	4.7		56
58	2.9	3.2	3.4	3.7	3.9	4.0	4.2	4.4		58
60	2.8	3.1	3.3	3.5	3.7	3.9	4.0	4.2		60
62	2.8	2.9	3.2	3.4	3.6	3.6	3.7	3.9		62
64	2.6	2.8	3.1	3.1	3.3	3.4	3.5	3.7		64
66	2.6	2.6	2.7	3.0	3.0	3.0	3.1	3.2		66
68	2.4	2.5	2.7	2.7	2.6	2.5	2.6	2.7		68
70	2.3	2.5	2.5	2.3	2.1	2.1	2.2	2.3		70
72	2.2	2.4	2.3	1.9	1.7	1.7	1.7	1.9		72
74	2.1	2.3	1.9							74
76		2.1								76
78		1.8								78
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code	
n	1	1	1	1	1	1	1	1	1	n

# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

		45.5-80.8m T	10.5m	0°	SL	9.3m×8.3m	360°	100t	16m V	80.8+16m	
		45.5+16m	50.6+16m	55.6+16m	60.7+16m	65.7+16m	70.7+16m	75.8+16m	80.8+16m		
10	26.3										10
12	26.3	26.3									12
14	25.9	26.3	26.3								14
16	24.1	24.6	25.1	25.4							16
18	22.3	22.8	23.7	24.1	24.8						18
20	20.7	21.4	22.2	22.6	23.5						20
22	19.3	20.0	20.8	21.2	22.1	22.3					22
24	17.9	18.6	19.5	20.0	20.9	21.1	17.7				24
26	16.7	17.5	18.3	19.0	19.8	20.2	16.7	12.0	12.0		26
28	15.8	16.6	17.2	17.9	18.9	19.1	15.8	12.0	12.0		28
30	14.8	15.7	16.4	16.9	18.0	18.2	15.1	12.0	12.0		30
32	14.1	14.7	15.6	16.2	17.1	17.5	14.4	10.6	10.6		32
34	13.4	14.1	14.7	15.5	16.4	16.6	13.6	10.1	10.1		34
36	12.9	13.5	14.1	14.8	15.2	15.2	12.8	9.7	9.7		36
38	12.6	12.8	13.5	14.2	14.3	14.3	11.8	9.2	9.2		38
40	11.9	12.5	13.0	13.3	13.3	13.3	11.3	8.9	8.9		40
42	11.4	12.1	12.4	11.9	11.7	11.4	10.7	8.5	8.5		42
44	10.9	11.6	11.4	10.7	10.1	10.5	10.2	8.2	8.2		44
46	10.5	10.6	10.0	9.6	9.4	9.5	9.7	7.8	7.8		46
48	9.2	9.6	9.0	8.6	8.4	8.4	8.6	7.4	7.4		48
50	8.3	8.7	8.0	7.7	7.5	7.5	7.7	7.0	7.0		50
52	7.4	7.9	7.2	6.8	6.7	6.7	6.8	6.7	6.7		52
54	6.6	7.1	6.4	6.1	5.9	5.9	6.0	6.4	6.4		54
56	5.9	6.4	5.7	5.3	5.2	5.2	5.3	5.6	5.6		56
58	5.1	5.6	5.0	4.7	4.5	4.5	4.7	4.9	4.9		58
60	4.5	5.0	4.3	4.0	3.8	3.8	4.1	4.3	4.3		60
62	3.9	4.4	3.8	3.4	3.3	3.3	3.4	3.6	3.6		62
64	3.4	3.8	3.2	2.9	2.7	2.7	2.9	3.1	3.1		64
66	2.9	3.3	2.7	2.4	2.2	2.3	2.4	2.6	2.6		66
68		2.9	2.3	1.9	1.8	1.8	1.9	2.1	2.1		68
70		2.4	1.8					1.7	1.7		70
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	2222221	Code	
n	2	2	2	2	2	2	2	1	1	n	

## Lifting height chart   Boom +super lift+16 m extension + fixed jib 20° offset angle



# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

		45.5-80.8m T	26.5m	20°	SL	9.3m×8.3m	360°	100t	16m V	80.8+16m	
		45.5+16m	50.6+16m	55.6+16m	60.7+16m	65.7+16m	70.7+16m	75.8+16m	80.8+16m		
24		3.6									24
26		3.5	3.6								26
28		3.3	3.5	3.5							28
30		3.2	3.3	3.4	3.4	3.4					30
32		3.1	3.1	3.2	3.3	3.3	3.4				32
34		2.9	3.0	3.0	3.2	3.2	3.3				34
36		2.7	2.9	2.9	3.0	3.1	3.2	3.2			36
38		2.7	2.8	2.8	3.0	3.0	3.0	3.0			38
40		2.6	2.7	2.7	2.8	2.9	3.0	3.0	3.2		40
42		2.6	2.6	2.7	2.8	2.8	2.8	3.0	3.1		42
44		2.4	2.6	2.6	2.6	2.7	2.8	2.8	2.9		44
46		2.4	2.4	2.5	2.6	2.7	2.7	2.7	2.9		46
48		2.3	2.4	2.5	2.5	2.7	2.7	2.7	2.8		48
50		2.3	2.3	2.5	2.5	2.5	2.7	2.6	2.7		50
52		2.3	2.3	2.4	2.5	2.5	2.5	2.6	2.6		52
54		2.1	2.3	2.3	2.3	2.5	2.5	2.5	2.6		54
56		2.1	2.1	2.2	2.3	2.4	2.5	2.4	2.6		56
58		2.0	2.1	2.2	2.3	2.3	2.4	2.4	2.5		58
60		2.0	2.0	2.2	2.2	2.3	2.3	2.4	2.5		60
62		1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.4		62
64		1.8	1.9	2.0	2.0	2.1	2.1	2.2	2.3		64
66		1.8	1.8	2.0	1.9	2.1	2.1	2.2	2.2		66
68		1.6	1.8	1.8	1.9	1.9	2.0	2.0	2.1		68
70		1.6	1.7	1.8	1.8	1.9	1.9	1.9	1.9		70
72			1.6	1.8	1.7	1.9	1.9	1.9	1.9		72
74			1.6	1.7	1.7	1.8	1.9	1.9	1.9		74
76			1.6	1.7	1.7	1.8	1.8	1.9	1.9		76
78				1.7	1.6	1.8	1.8	1.8	1.9		78
80					1.6				1.6		80
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code		
n	1	1	1	1	1	1	1	1	1		n

# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

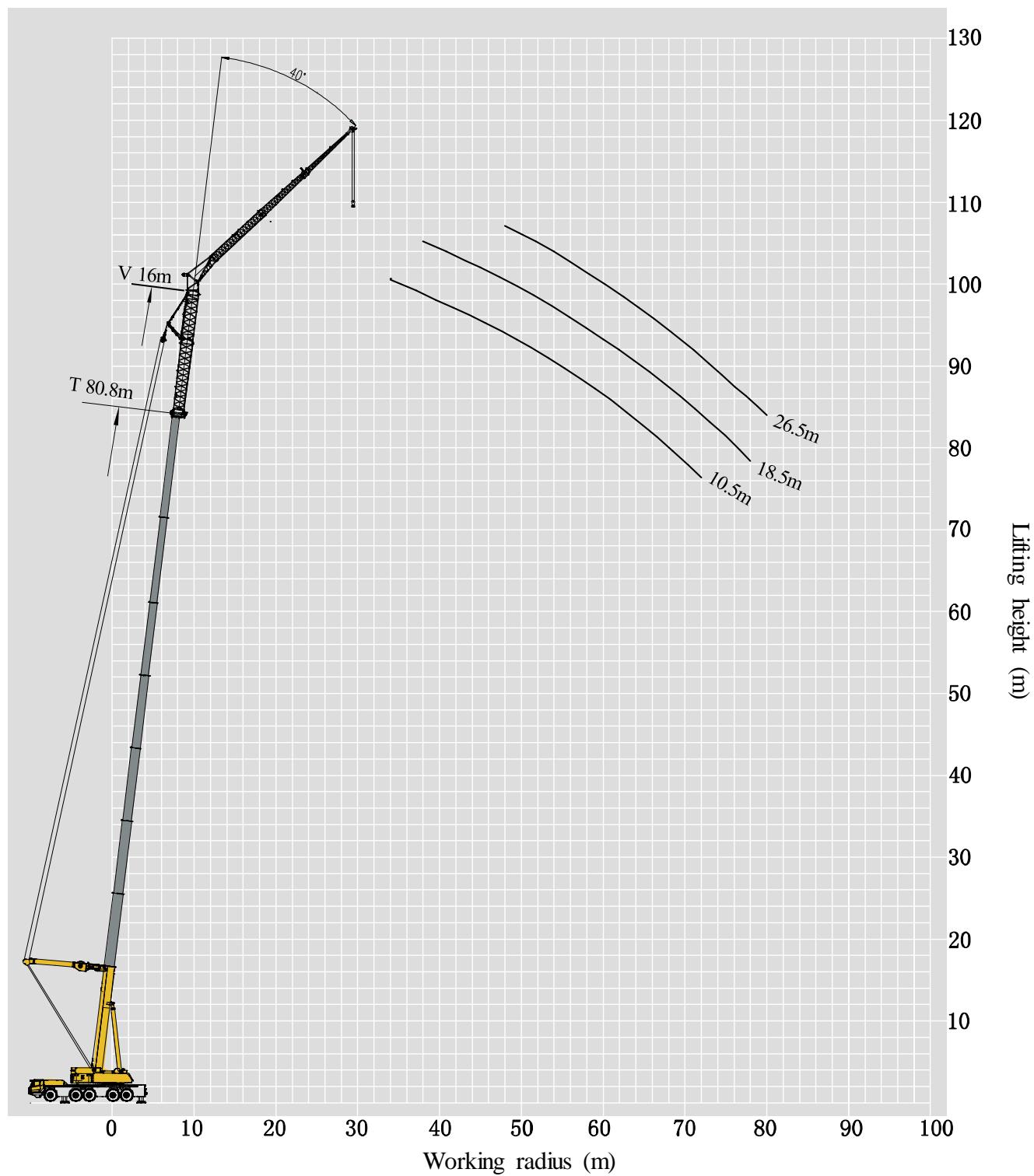
	45.5-80.8m T	18.5m	20°	SL	9.3m×8.3m	360°	100t	16m V	80.8+16m	
	45.5+16m	50.6+16m	55.6+16m	60.7+16m	65.7+16m	70.7+16m	75.8+16m			
18	4.9									18
20	4.7	4.8								20
22	4.5	4.6	4.7							22
24	4.3	4.3	4.4	4.5						24
26	4.1	4.2	4.3	4.3	4.4					26
28	3.9	4.0	4.1	4.2	4.2	4.4				28
30	3.8	3.8	4.0	4.1	4.1	4.2	4.3			30
32	3.6	3.7	3.9	3.9	4.0	4.0	4.1			32
34	3.5	3.6	3.8	3.8	3.8	3.9	4.0	4.2		34
36	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0		36
38	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.8		38
40	3.1	3.3	3.4	3.5	3.5	3.6	3.7	3.7		40
42	3.0	3.1	3.3	3.4	3.4	3.5	3.6	3.6		42
44	2.9	3.0	3.2	3.3	3.3	3.4	3.5	3.5		44
46	2.9	3.0	3.1	3.2	3.3	3.3	3.3	3.5		46
48	2.9	2.9	2.9	3.0	3.2	3.3	3.3	3.4		48
50	2.7	2.8	2.9	3.0	3.1	3.2	3.2	3.3		50
52	2.7	2.8	2.8	3.0	2.9	3.1	3.1	3.3		52
54	2.7	2.7	2.8	2.9	2.9	3.0	3.1	3.1		54
56	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.0		56
58	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.0		58
60	2.4	2.4	2.4	2.6	2.6	2.7	2.7	2.8		60
62	2.3	2.4	2.4	2.5	2.6	2.7	2.7	2.8		62
64	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.8		64
66	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.5		66
68	2.1	2.1	2.1	2.3	2.3	2.4	2.5	2.5		68
70	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5		70
72	2.0	2.1	2.1	2.2	2.2	2.3	2.4	2.5		72
74		2.1	2.1	2.0	1.9	1.9	2.0	2.2		74
76		2.1	1.9	1.6			1.6	1.8		76
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code	
n	1	1	1	1	1	1	1	1	1	n

## Lifting load chart-Counterweight in the rear

T 45.5~80.8m

		45.5-80.8m T	10.5m	20°	SL	9.3m×8.3m	360°	100t	16m V	80.8+16m	
		45.5+16m	50.6+16m	55.6+16m	60.7+16m	65.7+16m	70.7+16m	75.8+16m			
14		17.0									14
16		15.9	16.1								16
18		15.1	15.2	15.2							18
20		14.4	14.5	14.6	14.6						20
22		13.7	13.8	14.0	14.0	13.8					22
24		13.0	13.3	13.3	13.3	13.3	13.1				24
26		12.7	12.7	12.9	12.8	12.9	12.8				26
28		12.4	12.5	12.6	12.6	12.7	12.6	12.2			28
30		11.7	12.0	12.2	12.4	12.3	12.2	11.8			30
32		11.3	11.6	11.7	11.9	12.0	11.9	11.5	9.5		32
34		11.0	11.1	11.3	11.4	11.6	11.5	11.2	9.1		34
36		10.5	10.8	11.0	11.2	11.3	11.2	11.0	8.7		36
38		10.1	10.4	10.7	10.7	11.0	11.0	10.7	8.3		38
40		9.9	10.1	10.4	10.5	10.7	10.7	10.4	8.0		40
42		9.6	9.8	10.1	10.2	10.4	10.5	10.0	7.6		42
44		9.3	9.5	9.8	10.0	10.1	10.2	9.7	7.3		44
46		9.0	9.3	9.6	9.7	9.9	9.9	9.3	7.0		46
48		8.8	9.0	9.3	9.4	9.5	9.5	8.9	6.7		48
50		8.5	8.5	8.7	8.4	8.2	8.3	8.6	6.5		50
52		8.0	8.3	7.8	7.5	7.4	7.4	7.5	6.2		52
54		7.1	7.6	7.0	6.7	6.5	6.6	6.7	5.8		54
56		6.4	6.8	6.2	5.9	5.8	5.8	6.0	5.5		56
58		5.6	6.1	5.5	5.2	5.1	5.1	5.3	5.4		58
60		4.8	5.3	4.8	4.5	4.3	4.4	4.6	4.9		60
62		4.2	4.7	4.2	3.9	3.7	3.8	3.9	4.2		62
64		3.6	4.1	3.6	3.3	3.2	3.2	3.4	3.7		64
66			3.6	3.1	2.8	2.7	2.7	2.9	3.1		66
68			3.1	2.6	2.3	2.2	2.2	2.4	2.6		68
70				2.1	1.8	1.7	1.7	1.9	2.1		70
72					1.6				1.7		72
Code		1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221		Code
n		2	2	2	2	2	1	1	1		n

## Lifting height chart    Boom +super lift+16 m extension + fixed jib 40° offset angle



## Lifting load chart-Counterweight in the rear

T 45.5~80.8m

		45.5-80.8m T	26.5m	40°	SL	9.3m×8.3m	360°	100t	16m V	80.8+16m	
		45.5+16m	50.6+16m	55.6+16m	60.7+16m	65.7+16m	70.7+16m	75.8+16m			
30	2.2										30
32	2.2	2.2									32
34	2.2	2.2	2.2								34
36	2.1	2.1	2.2	2.2							36
38	2.1	2.1	2.1	2.2	2.2						38
40	2.1	2.1	2.1	2.1	2.1	2.2					40
42	2.0	2.0	2.1	2.1	2.1	2.1	2.1				42
44	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1			44
46	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.1			46
48	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.3		48
50	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.2	50	
52	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.2	52	
54	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	54	
56	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.1	56	
58	1.8	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.1	58	
60	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	60	
62	1.7	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.9	62	
64		1.6	1.6	1.7	1.8	1.7	1.8	1.8	1.9	64	
66			1.6	1.7	1.7	1.7	1.7	1.8	1.9	66	
68					1.6	1.6	1.6	1.7	1.8	68	
70							1.6	1.6	1.8	70	
72							1.6	1.6	1.6	72	
74							1.6	1.6	1.6	74	
76								1.6	1.6	76	
78								1.6	1.6	78	
80									1.6	80	
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code		
n	1	1	1	1	1	1	1	1	1	n	

## Lifting load chart-Counterweight in the rear

T 45.5~80.8m

	45.5-80.8m T	18.5m	40°	SL	9.3m×8.3m	360°	100t	16m V	80.8+16m	
	45.5+16m	50.6+16m	55.6+16m	60.7+16m	65.7+16m	70.7+16m	75.8+16m			
24	3.0									24
26	2.9	2.9								26
28	2.8	2.8	2.8	2.8						28
30	2.7	2.8	2.8	2.8	2.9					30
32	2.7	2.7	2.8	2.8	2.9	2.9				32
34	2.7	2.6	2.7	2.8	2.9	2.8	2.9			34
36	2.6	2.6	2.6	2.6	2.7	2.8	2.8			36
38	2.5	2.6	2.6	2.6	2.6	2.6	2.8	3.0		38
40	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.8		40
42	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.8		42
44	2.4	2.5	2.4	2.5	2.6	2.6	2.6	2.6		44
46	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.6		46
48	2.3	2.4	2.4	2.5	2.4	2.5	2.6	2.6		48
50	2.3	2.4	2.4	2.5	2.4	2.5	2.6	2.6		50
52	2.3	2.3	2.4	2.5	2.4	2.5	2.4	2.6		52
54	2.2	2.3	2.3	2.4	2.4	2.5	2.4	2.5		54
56	2.2	2.3	2.3	2.3	2.4	2.5	2.4	2.5		56
58	2.2	2.2	2.2	2.2	2.3	2.3	2.4	2.4		58
60	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.4		60
62	2.1	2.0	2.0	2.2	2.2	2.3	2.3	2.4		62
64		2.0	2.0	2.1	2.2	2.1	2.1	2.2		64
66			2.0	2.1	2.0	2.1	2.1	2.2		66
68			2.0	2.1	2.0	2.1	2.1	2.2		68
70				2.0	2.0	2.1	2.1	2.1		70
72				2.0	2.0	2.1	2.1	2.1		72
74					2.0	2.1	2.1	2.1		74
76						1.8	1.9	2.0		76
78									1.8	78
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code	
n	1	1	1	1	1	1	1	1	1	n

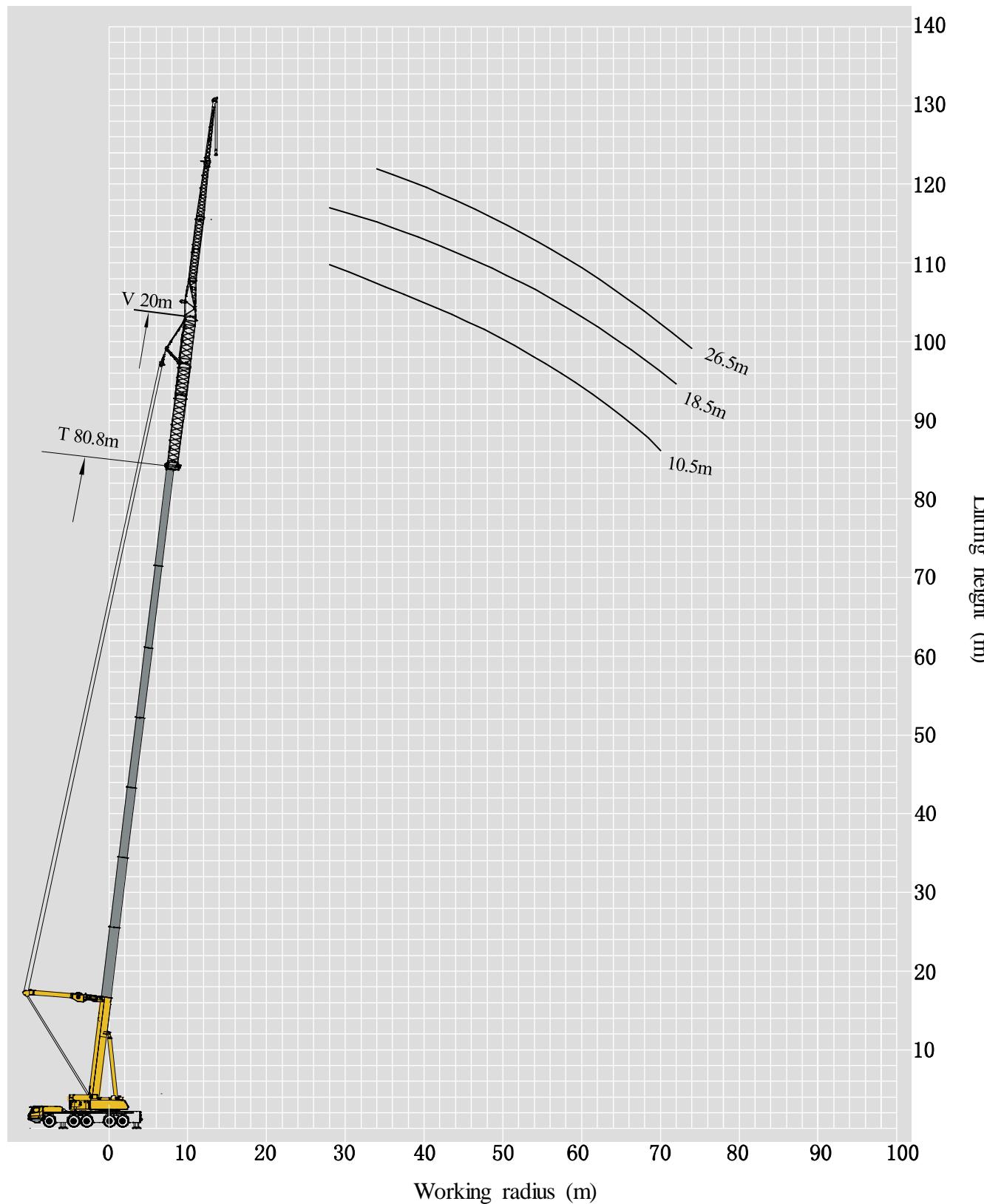
# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

	 45.5-80.8m	 10.5m	 40°	 SL	 9.3m×8.3m	 360°	 100t	 16m	 V	 80.8+16m
18	10.7	10.6								 18
20	10.5	10.4	10.3							 20
22	10.1	10.2	10.0	9.9						 22
24	9.9	9.8	9.8	9.6	9.6					 24
26	9.6	9.6	9.6	9.4	9.4	9.2				26
28	9.3	9.4	9.3	9.2	9.2	9.1				28
30	9.1	9.1	9.1	9.0	9.0	8.9	8.8			30
32	8.9	8.9	8.9	8.9	8.8	8.8	8.6			32
34	8.6	8.7	8.7	8.6	8.7	8.7	8.4	8.1		34
36	8.4	8.4	8.5	8.5	8.6	8.6	8.4	8.0		36
38	8.2	8.3	8.4	8.4	8.4	8.3	8.2	7.9		38
40	8.1	8.1	8.2	8.2	8.3	8.3	8.1	7.5		40
42	7.9	8.0	8.0	8.2	8.2	8.1	8.1	7.1		42
44	7.7	7.8	8.0	7.9	8.0	8.1	7.9	6.9		44
46	7.6	7.7	7.8	7.8	7.9	7.9	7.8	6.5		46
48	7.2	7.4	7.6	7.7	7.8	7.8	7.8	6.4		48
50	7.1	7.2	7.3	7.4	7.5	7.5	7.4	6.1		50
52	6.9	7.0	7.2	7.2	7.3	7.4	7.3	5.9		52
54	6.8	6.9	6.9	7.1	7.0	7.0	7.2	5.6		54
56		6.8	6.4	6.3	6.2	6.3	6.4	5.3		56
58		6.2	5.7	5.5	5.5	5.5	5.7	5.1		58
60			5.0	4.7	4.7	4.7	5.0	4.8		60
62				4.1	4.0	4.1	4.3	4.6		62
64				3.5	3.4	3.5	3.7	4.0		64
66					2.9	3.0	3.1	3.5		66
68					2.4	2.4	2.6	2.9		68
70						2.0	2.1	2.4		70
72							1.7	1.9		72
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code	
n	1	1	1	1	1	1	1	1	1	n

## Lifting height chart

主臂+超起+20m加长节+固定副臂0°安装角



# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

		45.5-80.8m T	26.5m	0°	SL	9.3m×8.3m	360°	100t	20m V	80.8+20m	
		45.5+20m	50.6+20m	55.6+20m	60.7+20m	65.7+20m	70.7+20m	75.8+20m	80.8+20m		
16	10.1										16
18	9.4	9.4									18
20	8.4	8.7	9.1								20
22	7.7	8.0	8.3	8.4							22
24	7.0	7.4	7.6	7.8	8.2						24
26	6.6	6.8	7.1	7.3	7.6						26
28	6.1	6.3	6.7	6.8	7.1	7.2	5.8				28
30	5.6	5.9	6.2	6.4	6.7	6.7	5.8				30
32	5.3	5.5	5.8	6.0	6.2	6.3	5.8	5.0			32
34	5.0	5.2	5.5	5.7	5.9	6.1	5.8	5.0			34
36	4.8	5.0	5.2	5.4	5.6	5.7	5.8	5.0			36
38	4.4	4.7	5.0	5.1	5.3	5.5	5.6	5.0			38
40	4.2	4.5	4.7	4.9	5.2	5.3	5.3	5.0			40
42	4.1	4.3	4.5	4.6	4.9	5.1	4.9	5.0			42
44	3.9	4.1	4.3	4.5	4.7	4.8	4.8	4.7			44
46	3.7	3.9	4.1	4.2	4.4	4.6	4.7	4.5			46
48	3.5	3.7	3.9	4.1	4.3	4.5	4.5	4.0			48
50	3.4	3.5	3.8	3.9	4.1	4.3	4.4	3.8			50
52	3.3	3.4	3.6	3.7	3.9	4.1	4.2	3.6			52
54	3.1	3.3	3.4	3.6	3.8	3.9	4.0	3.5			54
56	2.9	3.2	3.3	3.5	3.6	3.8	3.9	3.3			56
58	2.9	3.0	3.2	3.4	3.5	3.7	3.7	3.2			58
60	2.7	2.8	3.0	3.3	3.4	3.6	3.6	3.1			60
62	2.5	2.6	2.7	3.0	3.1	3.3	3.3	2.9			62
64	2.4	2.5	2.7	2.8	3.0	3.2	3.2	2.8			64
66	2.2	2.4	2.6	2.7	2.9	2.9	3.0	2.7			66
68	2.2	2.3	2.5	2.6	2.7	2.8	2.9	2.7			68
70	2.1	2.3	2.5	2.4	2.5	2.6	2.6	2.6			70
72	2.1	2.2	2.3	2.3	2.2	2.1	2.2	2.2			72
74	2.0	2.1	2.2	2.1	1.9	1.8	1.8	1.9			74
76	2.0	2.0	2.1	1.7							76
78	1.9	2.0	1.8								78
80	1.8	1.9									80
82		1.8									82
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code		
n	1	1	1	1	1	1	1	1	1	1	n

# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

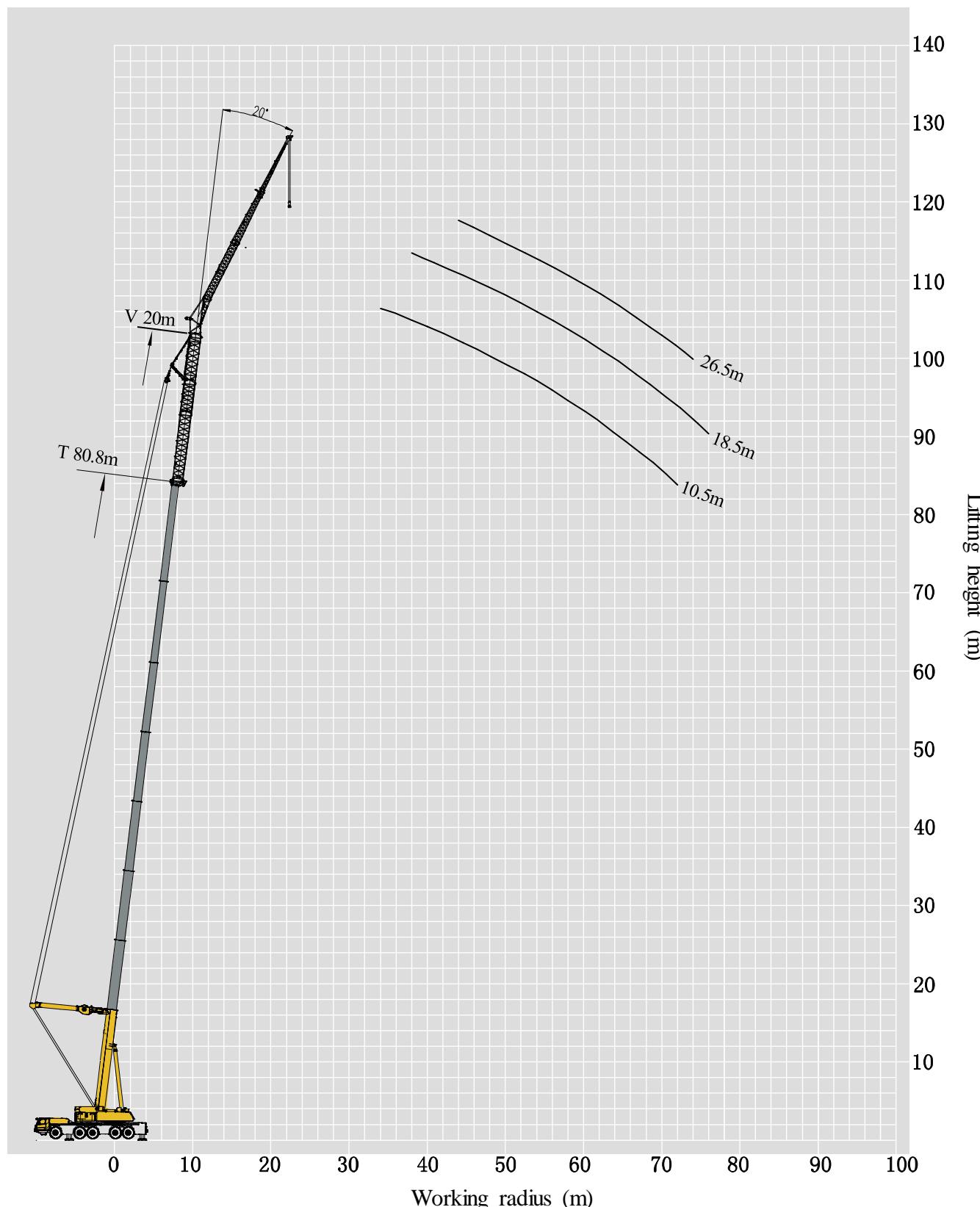
		45.5-80.8m T	18.5m	0°	SL	9.3m×8.3m	360°	100t	20m V	80.8+20m	
		45.5+20m	50.6+20m	55.6+20m	60.7+20m	65.7+20m	70.7+20m	75.8+20m			
14	12.4										14
16	12.1	12.1									16
18	11.0	11.5	11.8								18
20	9.9	10.4	11.0	11.3							20
22	8.9	9.5	10.0	10.3	10.8						22
24	8.2	8.6	9.2	9.5	9.9	10.1					24
26	7.6	8.0	8.4	8.8	9.1	9.4	8.8				26
28	7.0	7.5	7.8	8.2	8.5	8.8	8.8	6.9			28
30	6.5	6.9	7.4	7.6	8.0	8.2	8.3	6.9			30
32	6.1	6.4	6.9	7.1	7.5	7.7	7.8	6.9			32
34	5.8	6.1	6.5	6.7	7.1	7.2	7.3	6.9			34
36	5.5	5.8	6.1	6.4	6.7	6.9	7.0	6.9			36
38	5.2	5.5	5.8	6.0	6.3	6.6	6.7	6.3			38
40	4.9	5.2	5.5	5.7	6.0	6.2	6.4	6.0			40
42	4.7	5.0	5.2	5.4	5.8	5.9	6.1	5.8			42
44	4.4	4.7	5.0	5.3	5.5	5.7	5.9	5.5			44
46	4.3	4.6	4.8	5.0	5.3	5.5	5.7	5.4			46
48	4.0	4.3	4.6	4.8	5.1	5.3	5.4	5.4			48
50	3.9	4.1	4.3	4.7	4.9	5.1	5.3	5.2			50
52	3.8	4.0	4.2	4.4	4.6	4.9	5.1	5.1			52
54	3.5	3.8	4.1	4.2	4.5	4.7	4.8	4.9			54
56	3.4	3.6	3.9	4.1	4.4	4.6	4.6	4.6			56
58	3.3	3.5	3.8	4.0	4.2	4.4	4.5	4.5			58
60	3.2	3.4	3.4	3.6	3.9	4.1	4.1	4.2			60
62	2.9	3.1	3.3	3.5	3.8	3.9	4.0	3.8			62
64	2.8	3.0	3.2	3.4	3.6	3.5	3.5	3.7			64
66	2.7	2.8	3.1	3.3	3.1	3.0	3.0	3.2			66
68	2.6	2.8	2.9	2.8	2.6	2.5	2.6	2.7			68
70	2.6	2.7	2.8	2.4	2.2	2.1	2.1	2.3			70
72	2.5	2.6	2.3	2.0	1.7	1.7	1.7	1.9			72
74	2.3	2.5	2.0								74
76	1.9	2.2									76
78		1.9									78
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code		
n	1	1	1	1	1	1	1	1	n		

## Lifting load chart-Counterweight in the rear

T 45.5~80.8m

	45.5-80.8m T	10.5m	0°	SL	9.3m×8.3m	360°	100t	20m V	80.8+20m	
12	26.3									12
14	26.3	26.3								14
16	24.7	24.9	25.1							16
18	22.9	23.2	23.8	23.9						18
20	21.3	21.7	22.3	22.5	23.3					20
22	19.9	20.3	20.9	21.3	22.2	18.9				22
24	18.4	19.0	19.8	20.1	21.1	18.9				24
26	17.5	18.0	18.6	19.1	20.0	17.9	13.6			26
28	16.5	17.1	17.7	18.1	19.0	17.0	13.6	8.4		28
30	15.6	16.1	16.7	17.3	18.1	16.2	12.5	8.4		30
32	14.6	15.3	16.0	16.5	17.3	15.4	11.8	8.4		32
34	13.9	14.6	15.3	15.7	16.6	14.6	11.3	8.2		34
36	13.2	13.9	14.6	15.2	15.2	13.9	10.8	7.7		36
38	12.8	13.3	13.9	14.3	14.3	12.7	10.3	7.4		38
40	12.5	12.9	13.3	13.3	13.7	11.9	9.8	7.0		40
42	12.0	12.6	12.4	12.4	11.8	11.4	9.4	6.8		42
44	11.5	12.1	11.4	10.8	10.6	10.5	8.9	6.8		44
46	10.4	10.8	10.1	9.7	9.5	9.5	8.5	6.1		46
48	9.4	9.8	9.1	8.7	8.5	8.5	8.1	6.0		48
50	8.5	8.9	8.2	7.8	7.6	7.6	7.7	5.6		50
52	7.6	8.0	7.3	6.9	6.8	6.7	6.8	5.4		52
54	6.9	7.2	6.6	6.2	6.0	6.0	6.1	5.3		54
56	6.1	6.5	5.8	5.5	5.3	5.3	5.4	4.8		56
58	5.5	5.8	5.2	4.8	4.6	4.6	4.7	4.6		58
60	4.8	5.2	4.6	4.2	4.0	4.0	4.1	4.3		60
62	4.2	4.6	4.0	3.6	3.4	3.4	3.5	3.7		62
64	3.6	4.0	3.4	3.1	2.9	2.9	3.0	3.2		64
66	3.1	3.5	2.9	2.5	2.4	2.4	2.5	2.7		66
68	2.7	3.0	2.4	2.0	1.9	1.8	2.0	2.2		68
70	2.2	2.6	2.0					1.7		70
72		2.2								72
74		1.8								74
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code	
n	2	2	2	2	2	2	2	1	n	

## Lifting height chart      Boom +super lift+20 m extension + fixed jib 20° offset angle



# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

	45.5+20m	50.6+20m	55.6+20m	60.7+20m	65.7+20m	70.7+20m	75.8+20m	80.8+20m	
24	3.8								24
26	3.5	3.6							26
28	3.4	3.5	3.5						28
30	3.3	3.4	3.3	3.4					30
32	3.1	3.3	3.2	3.3	3.4				32
34	2.9	3.1	3.1	3.2	3.3				34
36	2.9	2.9	3.0	3.1	3.2	3.2			36
38	2.8	2.8	2.9	3.0	3.0	3.2	3.2		38
40	2.7	2.7	2.8	2.9	3.0	3.0	3.2		40
42	2.6	2.7	2.8	2.8	2.8	3.0	3.2		42
44	2.6	2.6	2.6	2.7	2.8	2.8	2.9	3.2	44
46	2.4	2.6	2.6	2.7	2.6	2.8	2.8	3.1	46
48	2.4	2.6	2.5	2.7	2.6	2.6	2.7	2.9	48
50	2.3	2.4	2.5	2.5	2.6	2.6	2.7	2.9	50
52	2.3	2.3	2.4	2.4	2.5	2.6	2.7	2.8	52
54	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.8	54
56	2.1	2.2	2.3	2.3	2.5	2.5	2.5	2.8	56
58	2.1	2.2	2.2	2.3	2.3	2.5	2.5	2.6	58
60	2.0	2.1	2.2	2.2	2.3	2.3	2.4	2.6	60
62	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.6	62
64	2.0	2.0	2.0	2.2	2.2	2.3	2.3	2.5	64
66	1.9	2.0	2.0	2.1	2.2	2.2	2.3	2.5	66
68	1.9	2.0	2.0	2.1	2.2	2.2	2.3	2.4	68
70	1.7	1.9	1.8	2.0	1.9	2.1	2.1	2.4	70
72	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.2	72
74	1.7	1.8	1.8	1.9	1.9	1.9	2.1	2.1	74
76	1.6	1.8	1.8	1.9	1.8	1.9	2.0		76
78	1.6	1.7	1.8	1.8	1.8	1.9	2.0		78
80		1.7	1.6	1.7					80
82		1.6	1.6						82
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code
n	1	1	1	1	1	1	1	1	n

# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

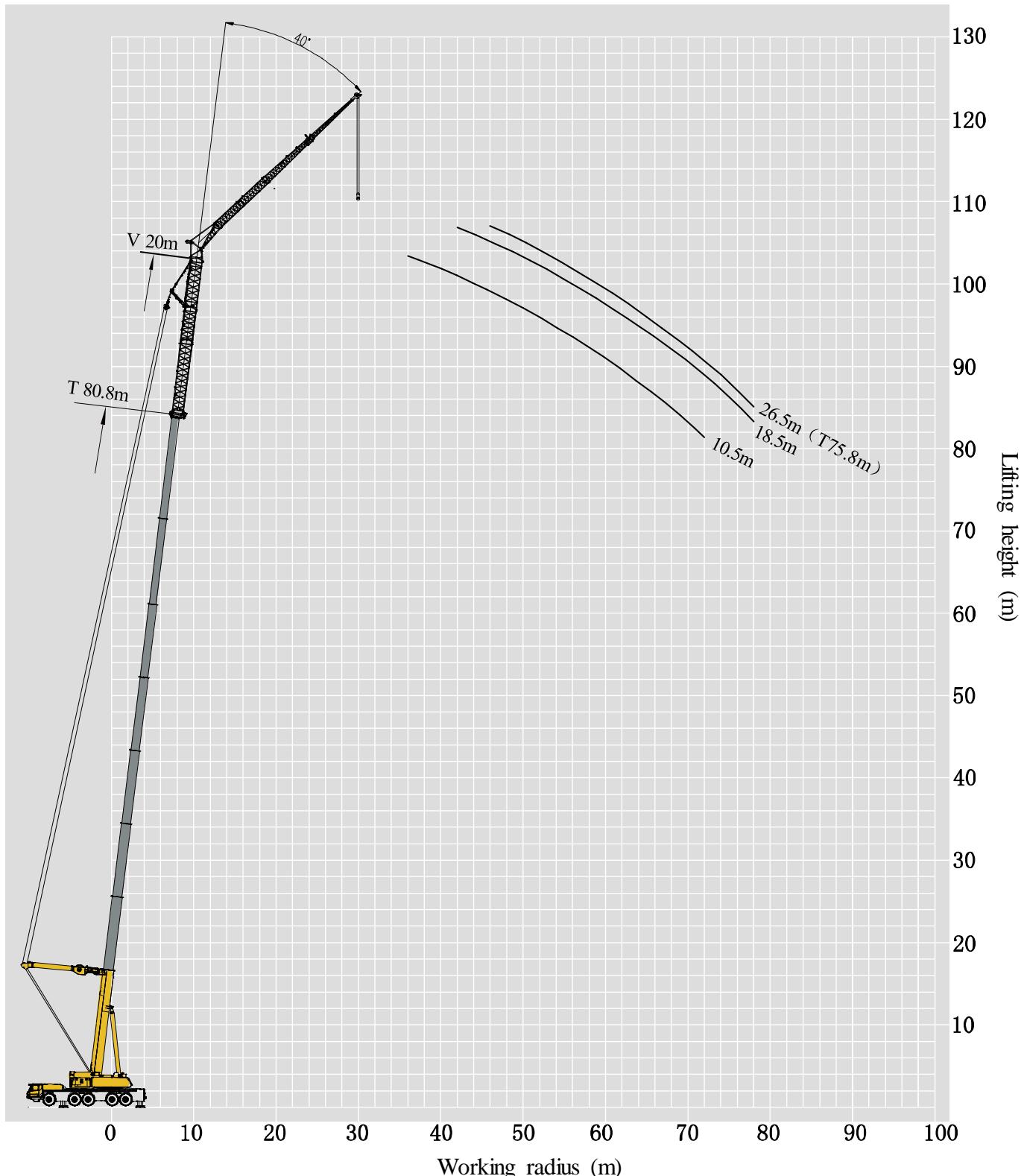
		45.5-80.8m T	18.5m	20°	SL	9.3m×8.3m	360°	100t	20m V	80.8+20m	
		45.5+20m	50.6+20m	55.6+20m	60.7+20m	65.7+20m	70.7+20m	75.8+20m	80.8+20m		
20	4.7										20
22	4.5	4.6									22
24	4.3	4.4	4.6								24
26	4.2	4.2	4.3	4.4							26
28	4.0	4.1	4.2	4.2	4.4						28
30	3.8	4.0	4.0	4.1	4.1	4.2					30
32	3.7	3.9	3.9	4.0	4.0	4.1					32
34	3.6	3.7	3.8	3.8	3.9	4.0	4.1				34
36	3.5	3.6	3.7	3.7	3.8	3.9	4.0				36
38	3.4	3.5	3.6	3.6	3.7	3.7	3.9	4.1			38
40	3.3	3.4	3.4	3.5	3.6	3.6	3.8	3.9	3.9		40
42	3.1	3.3	3.3	3.4	3.4	3.5	3.6	3.6	3.8		42
44	3.0	3.2	3.2	3.3	3.4	3.4	3.5	3.5	3.7		44
46	2.9	3.1	3.1	3.2	3.3	3.4	3.4	3.4	3.6		46
48	2.8	2.9	3.0	3.2	3.2	3.3	3.3	3.3	3.5		48
50	2.8	2.9	3.0	3.1	3.1	3.2	3.3	3.3	3.4		50
52	2.7	2.7	3.0	2.9	3.1	3.2	3.2	3.2	3.3		52
54	2.6	2.7	2.9	2.9	3.0	3.0	3.2	3.2	3.3		54
56	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.2		56
58	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.2		58
60	2.4	2.4	2.6	2.6	2.9	3.0	3.0	3.0	3.0		60
62	2.3	2.4	2.4	2.6	2.6	2.7	2.8	2.8	3.0		62
64	2.3	2.4	2.4	2.5	2.6	2.7	2.7	2.7	2.9		64
66	2.3	2.3	2.4	2.5	2.6	2.7	2.7	2.7	2.9		66
68	2.2	2.3	2.4	2.4	2.5	2.6	2.7	2.7	2.8		68
70	2.2	2.2	2.4	2.4	2.4	2.5	2.6	2.6	2.8		70
72	2.1	2.1	2.1	2.2	2.3	2.4	2.5	2.5	2.5		72
74	2.0	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.2		74
76	2.0	2.0	2.0	1.7				1.6	1.8		76
78		2.0	1.6								78
80		1.7									80
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	2222221	Code	
n	1	1	1	1	1	1	1	1	1	n	

# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

		45.5-80.8m T	10.5m	20°	SL	9.3m×8.3m	360°	100t	20m V	80.8+20m	
		45.5+20m	50.6+20m	55.6+20m	60.7+20m	65.7+20m	70.7+20m	75.8+20m			
16	16.0										16
18	15.1	15.3									18
20	14.5	14.6	14.6								20
22	13.8	13.9	13.9	13.7							22
24	13.3	13.4	13.3	13.3	13.3						24
26	12.7	13.0	12.9	12.9	12.9	12.7	12.7				26
28	12.5	12.6	12.6	12.7	12.7	12.7	12.4				28
30	12.0	12.1	12.2	12.3	12.2	12.0	10.9				30
32	11.6	11.7	11.9	11.8	12.0	11.7	10.5				32
34	11.1	11.3	11.5	11.5	11.6	11.4	10.1	7.3			34
36	10.8	10.9	11.1	11.1	11.3	11.2	9.7	7.1			36
38	10.4	10.6	10.8	10.8	11.1	10.9	9.3	6.8			38
40	10.1	10.2	10.5	10.6	10.7	10.6	8.9	6.5			40
42	9.8	10.0	10.1	10.3	10.4	10.4	8.6	6.1			42
44	9.5	9.7	9.8	10.1	10.2	10.2	8.2	6.0			44
46	9.2	9.4	9.6	9.8	9.9	9.9	7.9	5.7			46
48	8.9	9.2	9.4	9.5	9.5	9.5	7.5	5.6			48
50	8.7	8.9	9.1	8.5	8.4	8.6	7.3	5.2			50
52	8.4	8.7	8.0	7.6	7.5	7.5	7.0	5.2			52
54	7.4	7.8	7.2	6.8	6.7	6.7	6.7	4.9			54
56	6.6	7.0	6.4	6.0	5.9	5.9	6.0	4.4			56
58	5.9	6.3	5.7	5.3	5.2	5.2	5.3	4.3			58
60	5.2	5.6	5.0	4.7	4.5	4.5	4.7	4.3			60
62	4.5	4.9	4.3	4.0	3.8	3.9	4.0	3.9			62
64	3.9	4.3	3.8	3.4	3.3	3.3	3.4	3.6			64
66	3.4	3.8	3.2	2.9	2.8	2.8	2.9	3.1			66
68	2.8	3.3	2.7	2.4	2.3	2.3	2.4	2.6			68
70		2.8	2.3	1.9	1.8	1.8	1.9	2.1			70
72		2.3	1.8					1.7			72
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code		
n	2	2	2	2	2	1	1	1	n		

## Lifting height chart    Boom +super lift+20 m extension + fixed jib 40° offset angle



# Lifting load chart-Counterweight in the rear

T 45.5~75.8m

	45.5-75.8m T	26.5m	40°	SL	9.3m×8.3m	360°	100t	20m V	
	45.5+20m	50.6+20m	55.6+20m	60.7+20m	65.7+20m	70.7+20m	75.8+20m		
32	2.2								32
34	2.2	2.3							34
36	2.1	2.3	2.3						36
38	2.1	2.1	2.2	2.2					38
40	2.1	2.1	2.1	2.1	2.2				40
42	2.0	2.1	2.1	2.1	2.1	2.3			42
44	2.0	2.0	2.1	2.1	2.1	2.2			44
46	2.0	2.0	2.0	2.0	2.1	2.1	2.2		46
48	1.9	2.0	2.0	2.0	2.0	2.1	2.1		48
50	1.9	1.9	2.0	2.0	2.0	2.1	2.1		50
52	1.9	1.9	1.9	1.9	2.0	2.0	2.1		52
54	1.8	1.9	1.9	1.9	2.0	2.0	2.1		54
56	1.8	1.8	1.9	1.9	1.9	2.0	2.0		56
58	1.8	1.8	1.8	1.9	1.9	1.9	2.0		58
60	1.8	1.8	1.8	1.8	1.9	1.9	2.0		60
62	1.7	1.8	1.8	1.8	1.9	1.9	2.0		62
64	1.7	1.7	1.8	1.8	1.8	1.9	2.0		64
66	1.6	1.7	1.7	1.7	1.8	1.8	1.8		66
68	1.6	1.7	1.7	1.7	1.7	1.7	1.8		68
70		1.6	1.7	1.6	1.7	1.7	1.8		70
72		1.6	1.6	1.6	1.7	1.7	1.8		72
74					1.6	1.6	1.8		74
76						1.6	1.7		76
78						1.6	1.7		78
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	Code	
n	1	1	1	1	1	1	1		n

## Lifting load chart-Counterweight in the rear

T 45.5~80.8m

	45.5-80.8m T	18.5m	40°	SL	9.3m×8.3m	360°	100t	20m V	80.8+20m	
24	3.0									24
26	2.9	3.1								26
28	2.9	2.9	2.9							28
30	2.9	2.8	2.8	2.9						30
32	2.7	2.8	2.8	2.9	2.8					32
34	2.6	2.7	2.7	2.9	2.8	2.9				34
36	2.6	2.6	2.7	2.7	2.8	2.9				36
38	2.6	2.6	2.6	2.6	2.8	2.8	2.9			38
40	2.5	2.5	2.6	2.6	2.6	2.7	2.8			40
42	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.9		42
44	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.9		44
46	2.4	2.4	2.4	2.5	2.6	2.6	2.6	2.8		46
48	2.4	2.4	2.4	2.4	2.4	2.6	2.6	2.8		48
50	2.4	2.4	2.4	2.4	2.4	2.6	2.6	2.8		50
52	2.3	2.4	2.4	2.4	2.4	2.4	2.6	2.7		52
54	2.3	2.4	2.4	2.4	2.4	2.4	2.6	2.6		54
56	2.2	2.1	2.3	2.4	2.4	2.4	2.4	2.6		56
58	2.2	2.1	2.3	2.3	2.3	2.4	2.4	2.5		58
60	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.4		60
62	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4		62
64	2.0	2.0	2.0	2.2	2.2	2.3	2.3	2.4		64
66		2.0	2.0	2.2	2.2	2.3	2.3	2.4		66
68		2.0	2.0	2.1	2.1	2.2	2.2	2.3		68
70			2.0	2.1	2.1	2.0	2.2	2.3		70
72			2.0	2.1	2.1	2.0	2.2	2.2		72
74				2.1	2.1	2.0	2.1	2.2		74
76				2.0	1.9	1.9	2.0	2.2		76
78							1.6	1.8		78
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code	
n	1	1	1	1	1	1	1	1	1	n

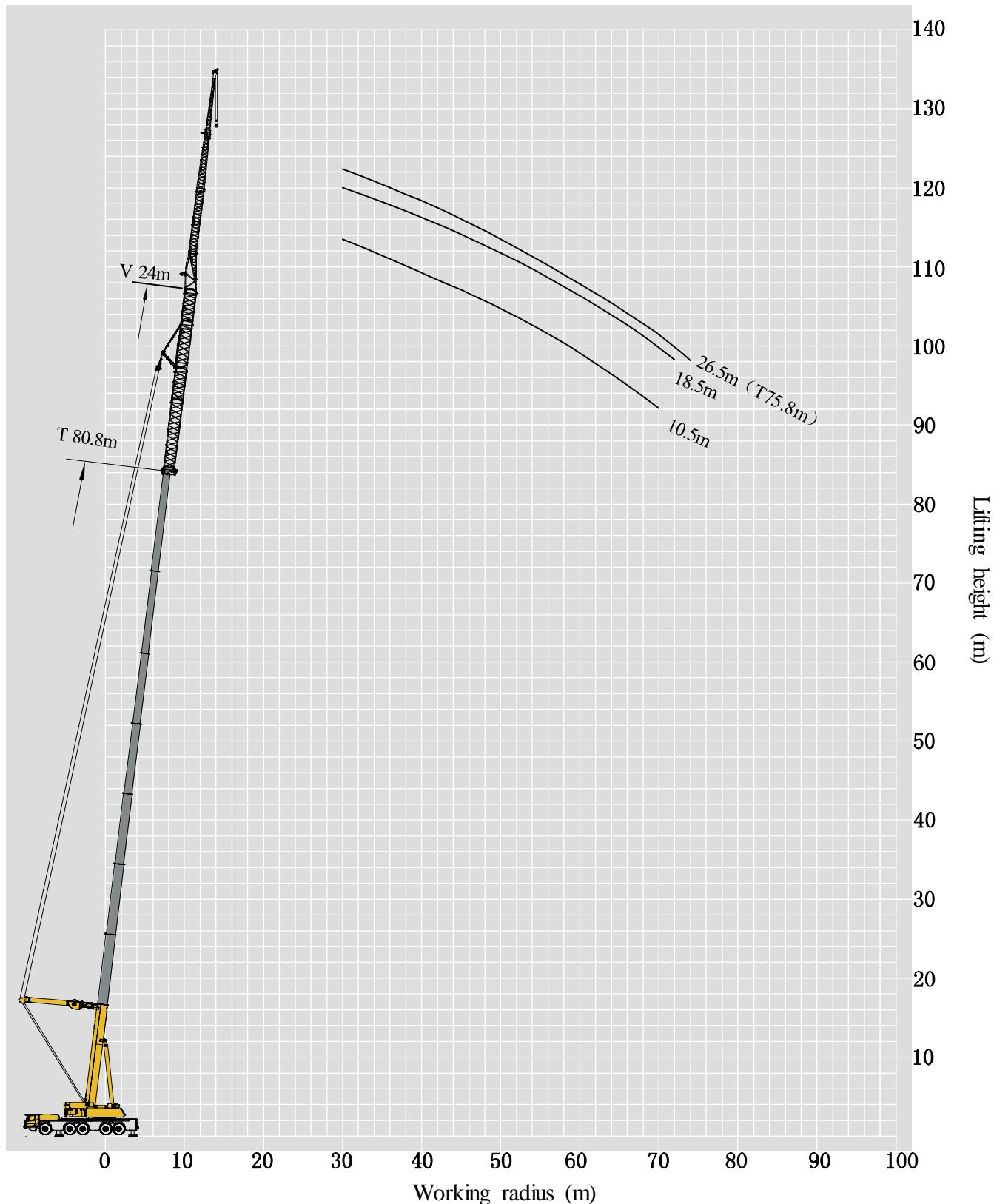
# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

		45.5-80.8m T	10.5m	40°	SL	9.3m×8.3m	360°	100t	20m V	80.8+20m	
		45.5+20m	50.6+20m	55.6+20m	60.7+20m	65.7+20m	70.7+20m	75.8+20m			
18	10.7										18
20	10.4	10.3									20
22	10.2	10.1	10.0								22
24	9.9	9.9	9.7	9.5							24
26	9.6	9.6	9.5	9.4	9.3						26
28	9.4	9.4	9.3	9.2	9.2	9.1					28
30	9.1	9.2	9.0	9.0	9.0	8.9					30
32	8.9	8.9	8.9	8.8	8.9	8.8	8.5				32
34	8.7	8.7	8.7	8.7	8.8	8.6	8.3				34
36	8.4	8.5	8.5	8.5	8.6	8.5	8.2	6.5			36
38	8.3	8.3	8.4	8.4	8.5	8.4	8.1	6.5			38
40	8.1	8.2	8.3	8.3	8.3	8.2	8.0	5.9			40
42	8.1	8.0	8.1	8.1	8.1	8.1	7.9	5.8			42
44	7.8	8.0	8.0	8.0	8.1	8.0	7.6	5.6			44
46	7.7	7.8	7.9	7.9	7.9	7.9	7.3	5.5			46
48	7.6	7.6	7.7	7.8	7.9	7.9	7.1	5.1			48
50	7.5	7.5	7.6	7.6	7.8	7.8	6.9	5.0			50
52	7.0	7.0	7.5	7.5	7.7	7.7	6.6	4.8			52
54	6.9	7.0	7.1	7.1	7.0	7.0	6.4	4.8			54
56	6.7	6.9	6.6	6.3	6.2	6.2	6.1	4.4			56
58		6.4	5.9	5.6	5.5	5.5	5.6	4.2			58
60		5.7	5.2	4.9	4.8	4.8	5.0	3.8			60
62			4.6	4.3	4.2	4.2	4.3	3.7			62
64			4.0	3.7	3.6	3.6	3.8	3.6			64
66				3.1	3.0	3.1	3.2	3.4			66
68				2.6	2.5	2.5	2.7	2.9			68
70					2.0	2.1	2.2	2.4			70
72							1.7	2.0			72
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code		
n	1	1	1	1	1	1	1	1			n

## Lifting height chart

Boom+super lift+24 m extension + fixed jib 0° offset angle



# Lifting load chart-Counterweight in the rear

T 45.5~75.8m

	45.5+24m	50.6+24m	55.6+24m	60.7+24m	65.7+24m	70.7+24m	75.8+24m	
18	8.9							18
20	8.5	8.8						20
22	7.9	8.1	8.1					22
24	7.2	7.4	7.8	7.4				24
26	6.7	6.9	7.2	7.2	7.6			26
28	6.2	6.5	6.7	6.9	7.2			28
30	5.9	6.0	6.2	6.4	6.7	5.8	4.0	30
32	5.5	5.7	5.9	6.1	6.3	5.8	4.0	32
34	5.2	5.3	5.6	5.8	6.0	5.8	4.0	34
36	4.9	5.1	5.4	5.5	5.7	5.8	4.0	36
38	4.6	4.8	5.0	5.2	5.4	5.4	4.0	38
40	4.4	4.7	4.7	5.0	5.2	5.0	4.0	40
42	4.2	4.4	4.6	4.7	5.0	5.0	4.0	42
44	4.0	4.2	4.4	4.6	4.7	4.9	4.0	44
46	3.8	4.0	4.2	4.3	4.6	4.6	4.0	46
48	3.6	3.9	4.0	4.1	4.4	4.5	4.0	48
50	3.5	3.6	3.9	4.0	4.1	4.3	4.0	50
52	3.3	3.5	3.7	3.9	4.0	4.2	4.0	52
54	3.2	3.4	3.6	3.8	3.9	4.0	4.0	54
56	3.1	3.3	3.4	3.6	3.8	3.8	3.9	56
58	2.9	3.1	3.3	3.4	3.7	3.7	3.8	58
60	2.8	2.9	3.2	3.3	3.5	3.6	3.7	60
62	2.7	2.9	3.1	3.2	3.4	3.5	3.5	62
64	2.6	2.7	2.9	3.0	3.2	3.2	3.3	64
66	2.5	2.7	2.8	2.8	3.1	3.1	3.2	66
68	2.4	2.5	2.7	2.7	2.9	3.0	3.2	68
70	2.2	2.4	2.6	2.7	2.7	2.6	2.6	70
72	2.2	2.3	2.5	2.5	2.3	2.2	2.2	72
74	2.1	2.2	2.4	2.2	1.9	1.8	1.8	74
76	2.0	2.2	2.3	1.8				76
78	2.0	2.2	1.9					78
80	1.8	2.0						80
82	1.7	1.8						82
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	Code
n	1	1	1	1	1	1	1	n

# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

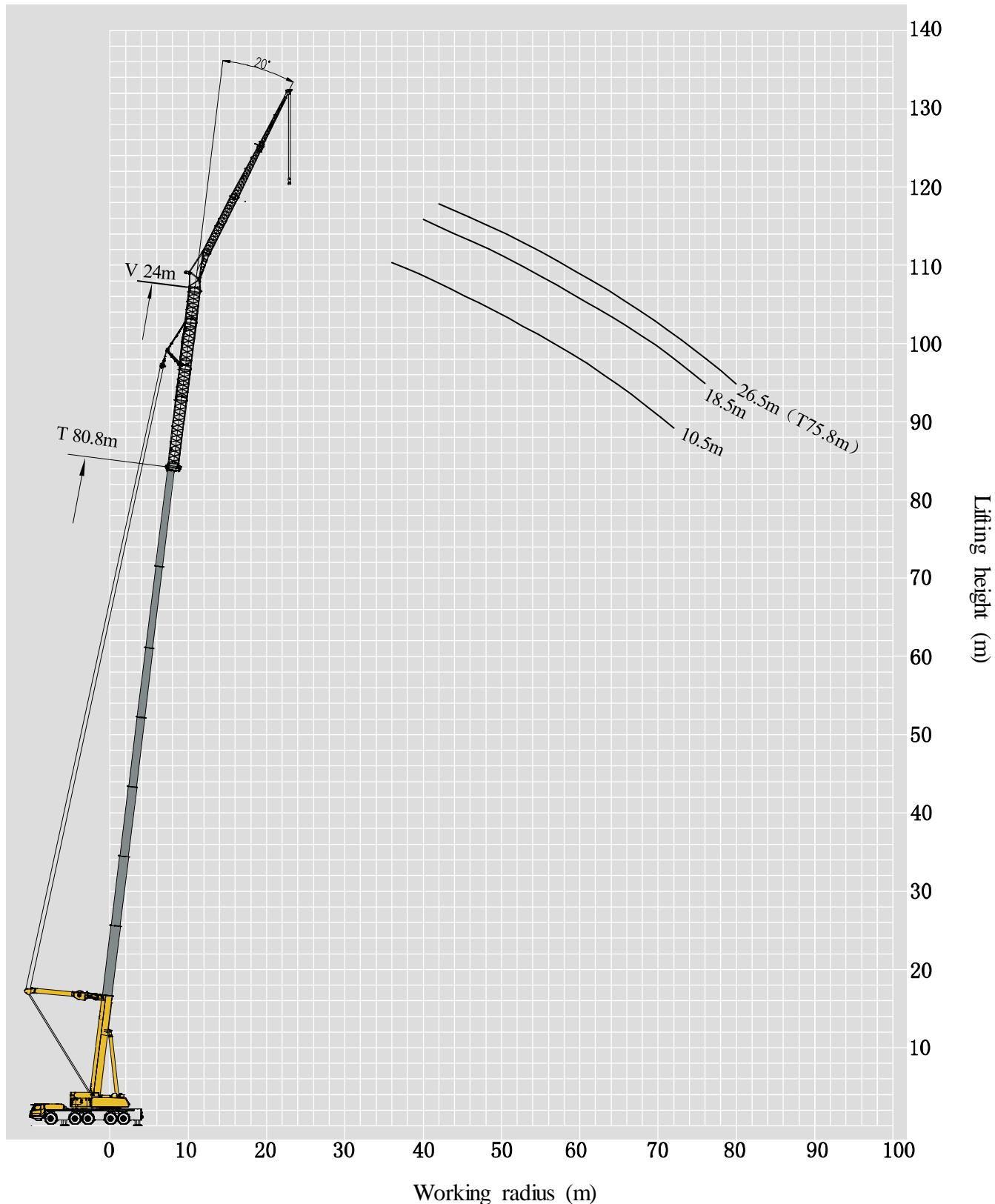
		45.5-80.8m T	18.5m	0°	SL	9.3m×8.3m	360°	100t	24m V	80.8+24m	
		45.5+24m	50.6+24m	55.6+24m	60.7+24m	65.7+24m	70.7+24m	75.8+24m	80.8+24m		
16	11.7										16
18	11.3	11.4									18
20	10.1	10.5	10.9								20
22	9.2	9.6	10.1	10.3							22
24	8.4	8.8	9.3	9.5	10.0						24
26	7.8	8.1	8.6	8.9	9.3						26
28	7.3	7.6	8.0	8.2	8.7	8.8	6.7				28
30	6.7	7.2	7.4	7.7	8.1	8.3	6.7	4.5			30
32	6.3	6.7	7.0	7.3	7.7	7.7	6.7	4.5	4.5		32
34	5.9	6.2	6.5	6.8	7.2	7.3	6.7	4.5	4.5		34
36	5.6	5.9	6.2	6.5	6.8	7.0	6.7	4.5	4.5		36
38	5.3	5.6	5.9	6.1	6.5	6.7	6.7	4.5	4.5		38
40	5.2	5.4	5.6	5.8	6.2	6.2	6.4	4.5	4.5		40
42	4.9	5.1	5.3	5.6	5.8	6.1	6.2	4.5	4.5		42
44	4.6	4.9	5.1	5.4	5.7	5.8	6.0	4.5	4.5		44
46	4.4	4.7	4.9	5.1	5.4	5.6	5.7	4.4	4.4		46
48	4.3	4.5	4.7	5.0	5.2	5.3	5.5	4.1	4.1		48
50	4.0	4.3	4.6	4.8	4.9	5.2	5.3	4.0	4.0		50
52	3.9	4.1	4.4	4.5	4.8	5.0	5.1	3.8	3.8		52
54	3.8	3.9	4.1	4.4	4.6	4.9	5.0	3.6	3.6		54
56	3.6	3.8	4.0	4.3	4.5	4.7	4.8	3.6	3.6		56
58	3.5	3.7	3.9	4.1	4.3	4.6	4.7	3.5	3.5		58
60	3.4	3.6	3.8	4.0	4.2	4.2	4.3	3.4	3.4		60
62	3.2	3.4	3.6	3.9	3.9	4.1	4.2	3.3	3.3		62
64	3.0	3.3	3.3	3.6	3.7	3.6	3.6	3.2	3.2		64
66	3.0	3.2	3.2	3.4	3.2	3.1	3.1	3.1	3.1		66
68	2.7	2.9	3.1	2.9	2.7	2.6	2.6	2.8	2.8		68
70	2.6	2.8	3.0	2.5	2.3	2.2	2.2	2.3	2.3		70
72	2.5	2.6	2.5	2.1	1.8	1.8	1.8	1.9	1.9		72
74	2.3	2.5	2.1	1.7							74
76	2.1	2.3	1.7								76
78	1.8	2.0									78
80		1.7									80
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	2222221	Code	
n	1	1	1	1	1	1	1	1	1	n	

# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

	45.5-80.8m T	10.5m	0°	SL	9.3m×8.3m	360°	100t	24m V	80.8+24m	
	45.5+24m	50.6+24m	55.6+24m	60.7+24m	65.7+24m	70.7+24m	75.8+24m			
14	23.2									14
16	22.1	21.4								16
18	21.1	20.5	20.0							18
20	19.9	19.5	19.2	18.9						20
22	19.0	18.6	18.4	18.3						22
24	17.9	17.7	17.5	17.5	17.3					24
26	17.0	16.8	16.7	16.6	16.6	16.1				26
28	16.1	15.9	16.0	16.1	16.0	15.3	10.8			28
30	15.2	15.1	15.3	15.2	15.5	14.4	10.8	6.9		30
32	14.5	14.5	14.6	14.6	14.9	13.7	10.8	6.9		32
34	13.8	13.9	14.0	14.1	14.3	13.1	10.3	6.9		34
36	13.2	13.2	13.4	13.5	13.8	12.1	9.8	6.9		36
38	12.8	12.8	12.9	13.0	13.2	11.6	9.4	6.6		38
40	12.4	12.5	12.6	12.8	12.8	11.0	9.0	6.4		40
42	11.9	12.0	12.3	12.4	12.7	10.6	8.5	6.1		42
44	11.5	11.6	11.4	11.0	10.8	10.2	8.1	5.8		44
46	11.0	11.1	10.5	9.9	9.7	9.7	7.8	5.6		46
48	9.7	10.0	9.5	8.9	8.7	8.6	7.3	5.3		48
50	8.8	9.1	8.4	8.0	7.8	7.7	7.0	5.0		50
52	7.9	8.2	7.5	7.1	6.9	6.9	6.7	4.7		52
54	7.1	7.4	6.8	6.4	6.1	6.1	6.2	4.6		54
56	6.4	6.7	6.0	5.6	5.4	5.4	5.5	4.4		56
58	5.7	5.9	5.4	5.0	4.8	4.7	4.8	4.0		58
60	5.0	5.3	4.8	4.3	4.1	4.1	4.2	4.0		60
62	4.4	4.7	4.1	3.7	3.5	3.5	3.5	3.9		62
64	3.9	4.2	3.6	3.2	3.0	2.9	3.0	3.2		64
66	3.4	3.7	3.1	2.7	2.5	2.4	2.5	2.7		66
68	2.9	3.2	2.6	2.2	2.0	2.0	2.0	2.2		68
70	2.5	2.8	2.1	1.8			1.6	1.8		70
72	2.0	2.4	1.7							72
74		2.0								74
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code	
n	2	2	2	2	2	2	1	1	n	

## Lifting height chart Boom+super lift+24 m extension + fixed jib 20° offset angle



## Lifting load chart-Counterweight in the rear

T 45.5~75.8m

	45.5+24m	50.6+24m	55.6+24m	60.7+24m	65.7+24m	70.7+24m	75.8+24m	V
26	3.6							26
28	3.5	3.4						28
30	3.4	3.3	3.4					30
32	3.3	3.2	3.3	3.4				32
34	3.1	3.1	3.2	3.3	3.3			34
36	2.9	3.0	3.1	3.2	3.2			36
38	2.8	2.9	2.9	3.0	3.1	3.2		38
40	2.7	2.8	2.9	2.8	3.0	3.1		40
42	2.7	2.7	2.8	2.8	2.9	3.0	3.3	42
44	2.5	2.6	2.7	2.8	2.8	2.9	3.2	44
46	2.5	2.6	2.7	2.6	2.8	2.8	3.0	46
48	2.4	2.4	2.7	2.6	2.7	2.8	2.9	48
50	2.4	2.4	2.5	2.6	2.7	2.6	2.9	50
52	2.4	2.3	2.4	2.5	2.6	2.6	2.7	52
54	2.2	2.3	2.3	2.4	2.5	2.6	2.7	54
56	2.2	2.3	2.3	2.4	2.5	2.4	2.7	56
58	2.1	2.2	2.3	2.3	2.4	2.4	2.5	58
60	2.1	2.2	2.2	2.3	2.3	2.4	2.5	60
62	2.1	2.1	2.2	2.3	2.3	2.4	2.5	62
64	2.0	2.1	2.1	2.2	2.3	2.3	2.3	64
66	2.0	2.1	2.0	2.2	2.1	2.3	2.3	66
68	2.0	1.9	2.0	2.1	2.1	2.2	2.2	68
70	1.9	1.9	2.0	1.9	2.0	2.0	2.2	70
72	1.9	1.9	1.8	1.9	2.0	2.0	2.2	72
74	1.8	1.8	1.8	1.9	2.0	2.0	2.1	74
76	1.7	1.8	1.8	1.8	1.9	2.0	2.1	76
78	1.7	1.7	1.6	1.8	1.8	1.8	2.0	78
80	1.6	1.6	1.6	1.7	1.7	1.6	1.6	80
82		1.6	1.6					82
84		1.6						84
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	Code
n	1	1	1	1	1	1	1	n

## Lifting load chart-Counterweight in the rear

T 45.5~80.8m

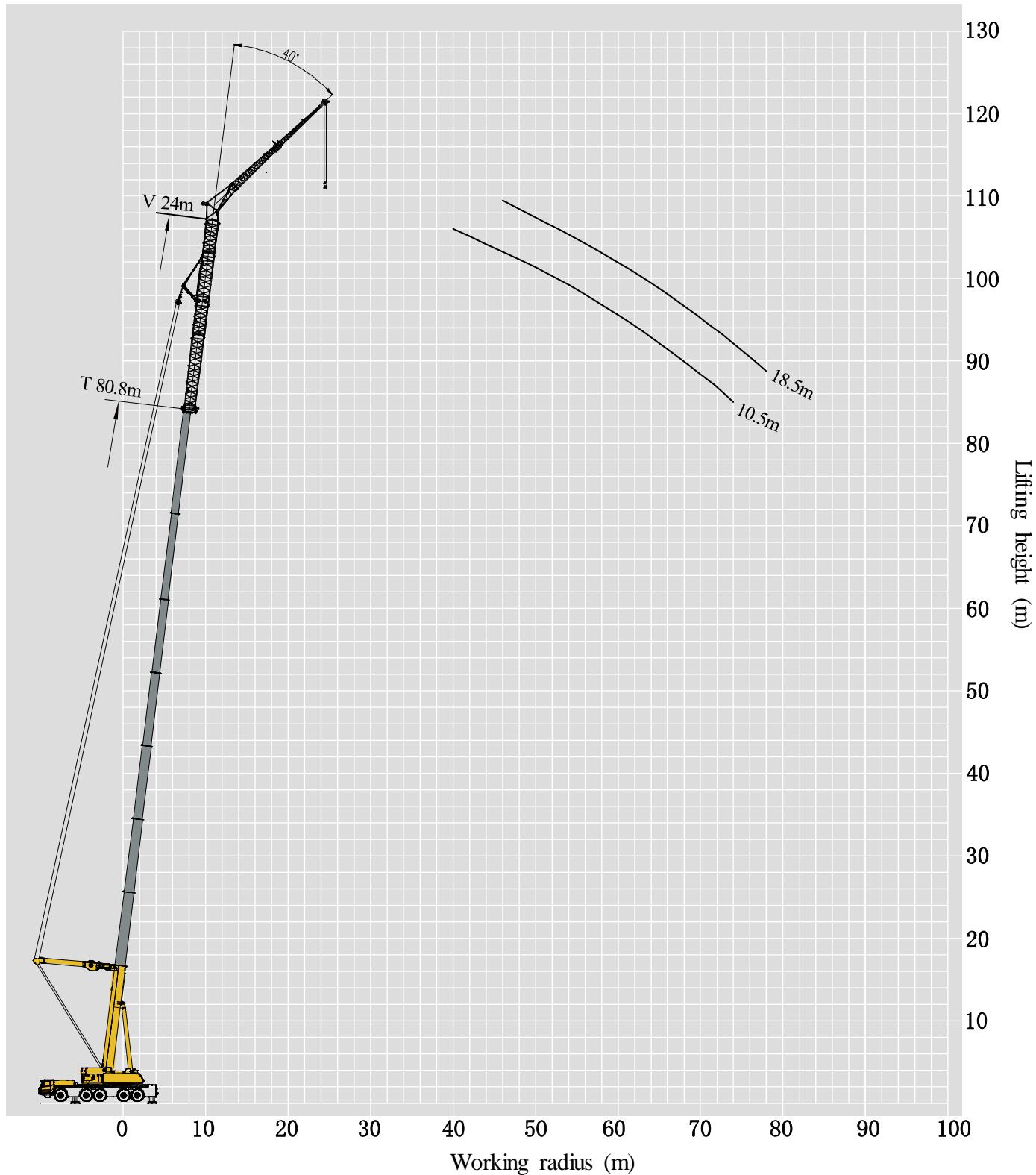
	45.5-80.8m T	18.5m	20°	SL	9.3m×8.3m	360°	100t	24m V	80.8+24m	
	45.5+24m	50.6+24m	55.6+24m	60.7+24m	65.7+24m	70.7+24m	75.8+24m			
24	4.5									24
26	4.2	4.3								26
28	4.1	4.1	4.3							28
30	4.0	4.0	4.1	4.1	4.3					30
32	3.8	3.9	3.9	4.0	4.1	4.2				32
34	3.7	3.8	3.8	3.9	3.9	4.0				34
36	3.6	3.7	3.7	3.8	3.8	3.9	4.1			36
38	3.5	3.5	3.6	3.7	3.7	3.8	4.0			38
40	3.4	3.4	3.5	3.6	3.6	3.7	3.9	4.1		40
42	3.3	3.3	3.4	3.4	3.5	3.6	3.7	4.0		42
44	3.2	3.2	3.3	3.3	3.4	3.5	3.6	3.9		44
46	3.0	3.1	3.2	3.2	3.4	3.4	3.5	3.8		46
48	3.0	3.0	3.1	3.2	3.3	3.4	3.4	3.7		48
50	2.8	3.0	3.0	3.1	3.2	3.3	3.3	3.6		50
52	2.8	2.9	3.0	3.0	3.2	3.2	3.3	3.5		52
54	2.8	2.7	3.0	3.0	3.0	3.2	3.2	3.5		54
56	2.6	2.7	2.8	2.9	3.0	3.0	3.2	3.4		56
58	2.6	2.7	2.7	2.9	3.0	3.0	3.1	3.3		58
60	2.6	2.7	2.7	2.8	2.9	3.0	3.1	3.3		60
62	2.6	2.5	2.5	2.8	2.8	2.9	3.0	3.2		62
64	2.3	2.5	2.5	2.6	2.8	2.6	2.8	2.9		64
66	2.3	2.4	2.4	2.5	2.6	2.6	2.8	2.5		66
68	2.3	2.4	2.4	2.4	2.6	2.6	2.7	2.5		68
70	2.3	2.2	2.4	2.4	2.5	2.6	2.7	2.5		70
72	2.2	2.2	2.4	2.4	2.5	2.6	2.6	2.4		72
74	2.2	2.2	2.3	2.3	2.1	2.1	2.1	2.2		74
76	2.2	2.1	2.3	1.9	1.7	1.7	1.7	1.8		76
78	2.1	2.1	1.8							78
80	1.7	2.0								80
82		1.6								82
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code	
n	1	1	1	1	1	1	1	1	1	n

# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

	45.5-80.8m T	10.5m	20°	SL	9.3m×8.3m	360°	100t	24m V	80.8+24m	
22	14.9									22
24	14.3	14.1								24
26	13.8	13.6	13.4							26
28	13.2	13.0	13.0	13.1	12.9					28
30	12.9	12.7	12.8	12.9	12.7	12.4				30
32	12.5	12.5	12.4	12.5	12.5	12.0	9.5			32
34	12.1	12.0	12.0	12.0	12.1	11.6	9.2			34
36	11.6	11.6	11.7	11.6	11.7	11.1	8.9	6.8		36
38	11.2	11.2	11.3	11.3	11.4	10.7	8.5	6.4		38
40	10.8	10.8	10.9	10.9	11.0	10.2	8.2	6.2		40
42	10.4	10.4	10.5	10.6	10.7	9.8	7.8	5.7		42
44	10.1	10.1	10.2	10.3	10.4	9.5	7.6	5.6		44
46	9.7	9.8	9.9	10.0	10.2	9.1	7.2	5.2		46
48	9.4	9.4	9.6	9.7	9.5	8.8	7.0	5.1		48
50	9.1	9.1	9.3	8.7	8.5	8.5	6.6	4.8		50
52	8.8	8.8	8.2	7.8	7.6	7.6	6.4	4.6		52
54	7.7	8.0	7.4	7.0	6.8	6.8	6.1	4.5		54
56	6.9	7.2	6.6	6.2	6.1	6.0	5.9	4.0		56
58	6.2	6.5	5.9	5.5	5.4	5.3	5.4	3.9		58
60	5.5	5.9	5.2	4.9	4.7	4.7	4.8	3.8		60
62	4.9	5.2	4.6	4.3	4.1	4.1	4.2	3.7		62
64	4.2	4.7	4.1	3.7	3.5	3.5	3.6	3.5		64
66	3.7	4.1	3.4	3.2	3.0	3.0	3.1	3.3		66
68	3.2	3.5	2.9	2.6	2.5	2.5	2.6	2.7		68
70	2.7	3.0	2.5	2.1	2.0	2.0	2.1	2.3		70
72	2.2	2.6	2.0	1.7			1.6	1.8		72
74		2.2	1.6							74
76		1.8								76
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code	
n	2	2	2	1	1	1	1	1	1	n

## Lifting height chart   Boom+super lift+24 m extension + fixed jib 40° offset angle



# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

		45.5-80.8m T	18.5m	40°	SL	9.3m×8.3m	360°	100t	24m V	80.8+24m	
		45.5+24m	50.6+24m	55.6+24m	60.7+24m	65.7+24m	70.7+24m	75.8+24m	80.8+24m		
26	3.1									26	
28	2.9	2.9								28	
30	2.8	2.7	2.8							30	
32	2.8	2.7	2.8	2.8						32	
34	2.7	2.7	2.8	2.8	2.9					34	
36	2.6	2.7	2.7	2.8	2.8					36	
38	2.6	2.6	2.7	2.8	2.8	2.8				38	
40	2.5	2.6	2.7	2.6	2.7	2.8				40	
42	2.5	2.6	2.6	2.6	2.7	2.6	2.8			42	
44	2.5	2.5	2.6	2.6	2.7	2.6	2.8			44	
46	2.4	2.4	2.5	2.6	2.6	2.6	2.7	2.9		46	
48	2.4	2.4	2.5	2.4	2.6	2.6	2.7	2.9		48	
50	2.4	2.4	2.5	2.4	2.5	2.6	2.6	2.9		50	
52	2.4	2.4	2.5	2.4	2.5	2.6	2.6	2.9		52	
54	2.3	2.4	2.5	2.4	2.5	2.5	2.6	2.9		54	
56	2.3	2.4	2.4	2.4	2.5	2.5	2.6	2.7		56	
58	2.2	2.3	2.2	2.3	2.4	2.4	2.4	2.7		58	
60	2.2	2.1	2.2	2.3	2.3	2.3	2.4	2.6		60	
62	2.2	2.1	2.2	2.3	2.3	2.3	2.4	2.6		62	
64	2.2	2.1	2.2	2.2	2.3	2.3	2.4	2.6		64	
66	2.1	2.1	2.2	2.2	2.3	2.3	2.4	2.6		66	
68	2.1	2.0	2.1	2.2	2.3	2.1	2.3	2.6		68	
70		2.0	2.1	2.2	2.1	2.1	2.3	2.4		70	
72			2.1	2.0	2.1	2.1	2.1	2.2		72	
74			2.1	2.0	2.1	2.1	2.1	2.0		74	
76				2.0	2.1	2.1	2.1	2.0		76	
78					1.8	1.6	1.6	1.7		78	
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code		
n	1	1	1	1	1	1	1	1	1	n	

# Lifting load chart-Counterweight in the rear

T 45.5~80.8m

	45.5-80.8m T	10.5m	40°	SL	9.3m×8.3m	360°	100t	24m V	80.8+24m	
	45.5+24m	50.6+24m	55.6+24m	60.7+24m	65.7+24m	70.7+24m	75.8+24m			
24	11.4									24
26	11.2	11.2								26
28	11.1	11.1	10.9							28
30	10.9	10.9	10.9	10.8						30
32	10.6	10.7	10.8	10.7	10.6					32
34	10.6	10.5	10.5	10.4	10.4	10.1				34
36	10.4	10.2	10.2	10.1	10.2	9.9	7.9			36
38	10.1	9.9	9.9	9.9	9.9	9.7	7.7			38
40	9.8	9.6	9.6	9.7	9.7	9.5	7.6	5.8		40
42	9.5	9.4	9.4	9.4	9.4	9.2	7.4	5.4		42
44	9.2	9.2	9.1	9.3	9.2	8.9	7.1	5.4		44
46	8.9	8.9	9.0	9.0	9.1	8.6	6.8	5.0		46
48	8.7	8.6	8.7	8.9	8.9	8.3	6.6	4.9		48
50	8.4	8.5	8.5	8.7	8.7	8.1	6.2	4.8		50
52	7.8	7.8	8.4	8.4	8.0	7.8	6.1	4.3		52
54	7.7	7.6	7.6	7.3	7.1	7.5	5.9	4.2		54
56	7.0	7.4	6.8	6.5	6.4	6.4	5.6	4.0		56
58	6.3	6.6	6.1	5.8	5.6	5.6	5.5	4.0		58
60	5.6	6.0	5.4	5.1	5.0	5.0	5.3	3.6		60
62		5.3	4.8	4.5	4.3	4.3	4.5	3.5		62
64		4.7	4.2	3.9	3.8	3.8	3.9	3.3		64
66			3.6	3.3	3.2	3.2	3.3	3.1		66
68			3.1	2.8	2.7	2.7	2.8	3.0		68
70				2.3	2.2	2.2	2.3	2.5		70
72					1.7	1.8	1.9	2.1		72
74								1.6		74
Code	1111110	1111111	2111111	2211111	2221111	2222111	2222211	2222221	Code	
n	1	1	1	1	1	1	1	1	1	n

## Technical parameters

Category	Item	Unit	Parameter		
Dimensions	Dimensions (L×W×H)	mm	16990×3000×4000		
	Axle spacing	mm	3100+1650+2900+1650		
	Track (front/rear)	mm	2540		
	Front overhang/rear overhang	mm	2661/2417		
	Front extension/rear extension	mm	2227/385		
Weight	Maximum permissible weight	kg	54990		
	Axe load	Axle 1	kg	9490	
		Axle 2	kg	9800	
		Axle 3	kg	11800	
		Axle 4	kg	12000	
		Axle 5	kg	11900	
Power	Engine model	—	(Chassis) WP13.550E62	(Chassis) K1356-60	(Superstructure) WP7G300E473
	Rated power/rotation speed	kW (r/min)	405/1900	412/1900	221/2200
	Max. net power/rotation speed	kW (r/min)	400/1900	406/1900	221/2200
	Max. output torque/rotation speed	N.m (r/min)	2500/ (950-1400)	2500/ (950-1400)	1200/ (1400-1600)
Travel	Max. travel speed	km/h	80		
	Min. stable travel speed	km/h	2		
	Min. turning diameter	m	19.4		
	Min. ground clearance	mm	359		
	Approach angle	°	19		
	Departure angle	°	14		
	Braking distance (initial speed at 30 km/h)	m	≤10		
	Max. grade ability	%	60		
Noise	Fuel consumption per 100 km	L	75		
	Exterior noise level when accelerating	dB(A)	≤86		
	Noise level at seated position	dB(A)	≤90		

## Technical parameters

Category	Item		Unit	Parameter			
Main performance	Maximum rated lifting capacity		t	350			
	Minimum rated working radius		m	2.4			
	Turning radius at turntable tail		mm	5630			
	Maximum load moment	Base boom	kN.m	8310			
		Fully-extended boom	kN.m	3313			
	Outrigger span	Longitudinal	m	9.3			
		Lateral	m	8.3/6.9/5.49			
	Lifting height	Basic boom	m	15			
		Fully-extended boom	m	92			
		Fully-extended boom + jib	m	126			
	Boom length	Base boom	m	15.3			
		Fully-extended boom	m	92			
		Fully-extended boom + jib	m	126.3			
Working speed	Time for raising boom		s	≤90			
	Time for fully extending the boom		s	≤1100			
	Max. slewing speed		r/min	1.2			
	Time for extending / retracting the outriggers	Outrigger beam	Retract	s	≤30		
			Extend	s	≤40		
		Outrigger jacks	Up	s	≤50		
			Down	s	≤80		
	Hoisting speed (single line, at outermost layer, no load)	Main winch system		m/min	≥120		
Noise	Exterior noise level			dB(A)	≤108		
	Noise level at seated position			dB(A)	≤85		

## Description of symbols

### General symbols

	Superstructure		Chassis
	Lifting capacity		Axle
	Boom length		Travel speed
	Working radius		Grade ability
	Boom angle		Tires
	Boom hoisting height		Outriggers
	Fixed jib length		Hook block
	Jib offset angle		Counterweight
	Jib lifting height		Winch
	Independent jib head or wind power jib		360 °operation of the boom
	Luffing jib		Super lift

## Notes

1. This manual is for reference only, and all information is for illustration only. It should not be relied on to operate the crane. For correct crane operating instructions, please refer to the operation manual and rated lifting load manual.
2. The load capacity values in the tables are stated in t, which are the maximum total load capacity of the crane on a stable and even surface under the current boom length and radius, including the weight of hooks and riggings. The weight of the above devices must be subtracted during lifting operations.
3. The working radius is the horizontal gravity center distance of the load from the rotational axis of the crane superstructure measured at the ground.
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.
5. A lifting operation is permissible only when the wind force is below grade 5 (instantaneous wind speed of 14.1 m/s, wind pressure of 125N/m<sup>2</sup>).



**Add:** No. 68, Gaoxin Road, Economic and Technological Development Zone, Xuzhou, Jiangsu, P. R. China

**Tel:** +86-516-83462242/83462350

**Quality Inquiry Tel:** +86-516-87888268

**Spare Parts Tel:** +86-516-83461542

**Post Code:** 221004

**Website:** [www.xcmg.com](http://www.xcmg.com)

**Service Tel**

**400-110-9999**



This print does not belong to the contract. Due to the continuous modification and improvement of products, we reserve the rights to modify product model, parameters and configuration without any notice. The pictures are just for reference. The product in the picture may not be standard configuration. Some parts need to be purchased separately. Conform to the local laws for license application and road traveling.