

XCA300 All Terrain Crane

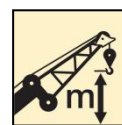
Technical specifications



300t



80m



112m

XCA300

XCMG ALL TERRAIN CRANE

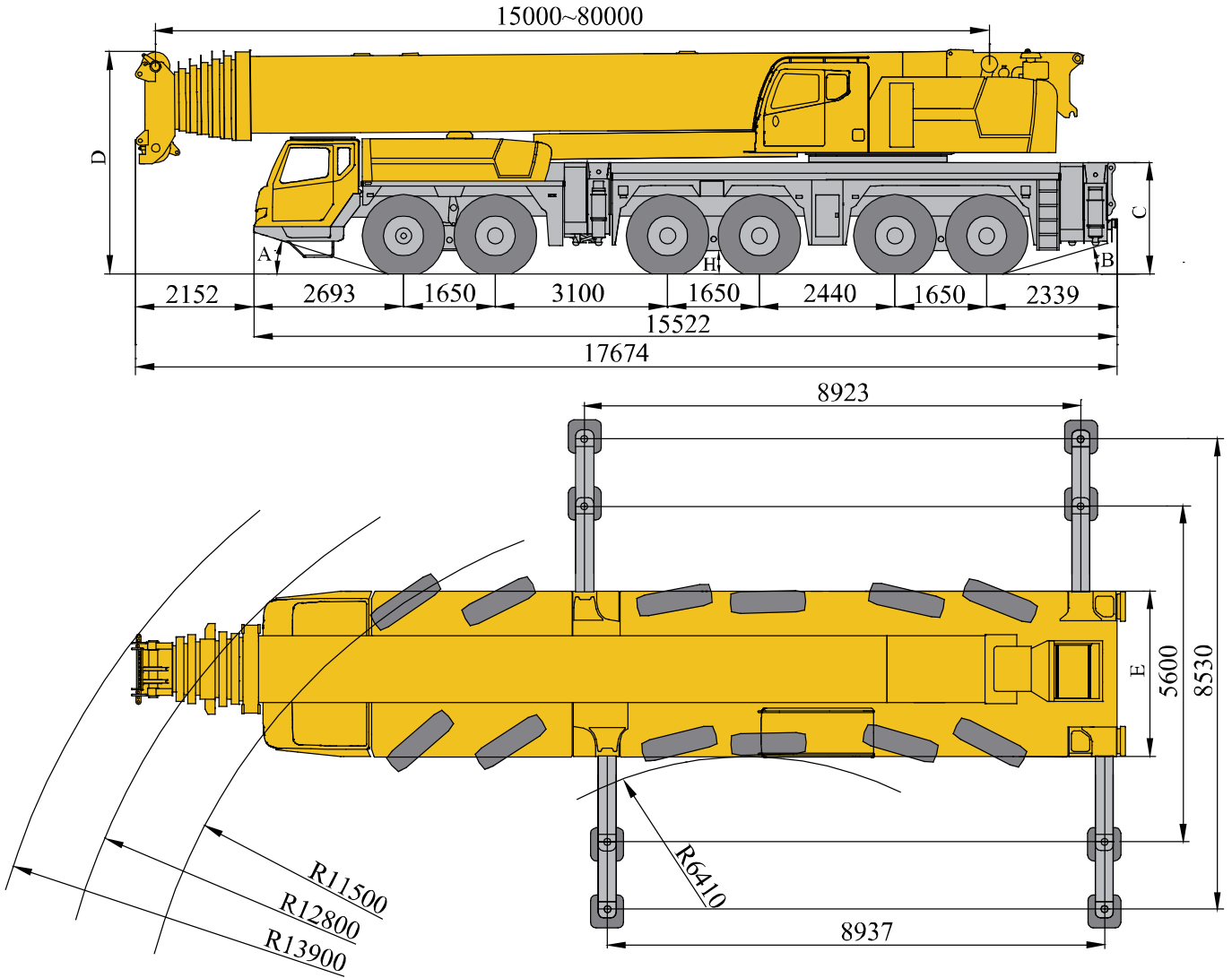
300t LIFTING CAPACITY


Content

Content


Dimensions	3
Product Specifications	4-8
Weight / Working speeds	9-11
Counterweight	12
Boom / Jib combinations	13-15
Boom	16-22
Boom + Super lifting	23-26
Boom + Jib + Super lifting	27-40
Boom + Wind power jib + Super lifting	41-44
Description of symbols	45
Transportation plan	46-47
Notes	48


Dimensions




	A	B	C	D	E	H
385/95 R 25 (14.00 R 25)	16°	15°	1954mm	4000mm	3000mm	280mm
445/95 R 25 (16.00 R 25)	17°	16°	2004mm	4050mm	3000mm	330mm


Technical specifications

 Chassis	Configuration
Frame Designed and manufactured by XCMG, with all covered walking surface, made of imported high strength steel with inverted trapezoid cross section.	●
Outrigger 4 outriggers, H-shaped arrangement, lateral and vertical outrigger controlled by the hydraulic. Both sides of the chassis equipped with electronic control console, luminous level gauge, lamp and accelerator buttons. Half-extended, and fully extended positions and push-pull outrigger floats are available. Out-ri-gger pressure detection and protective system contributes to improved operation safety.	●
Engine OM502LA.E3B/2, V-type eight-cylinder liquid cooling EFI diesel engine, manufactured by Benz, rated power 442.6kw / 1800 rpm, max. torque 2800N.m /1300 rpm, China national III emission standards. Fuel tank capacity: 450L.	●
OM502LA.E3A/3, V-type eight-cylinder liquid cooling EFI diesel engine, manufactured by Benz, rated power 421.5kw / 1800 rpm, max. torque 2700N.m /1300 rpm, China national III emission standards. Fuel tank capacity: 450L.	○
Hydraulic system The variable displacement pump is connected to the engine through PTO for controlling the movements of outriggers, steering, suspension and heat dissipation.	●
Gearbox Electric controlled transmission with hydraulic torque converter imported from ZF Germany equipped with retarded brake, with 16 forward gears and 2 reverse gears available	●
Transfer case Mechanical transfer box is originally imported from KESSLER Germany, equipped with an emergency steering oil pump.	●
Axles High strength axle with reliable performance, imported originally from KESSLER Germany, equipped with pneumatically controlled drum brake. The 4th axle is fitted an axle-disconnecting device. 1st, 3rd and 5th axles driving is applied during normal road travel, and 1st, 3rd, 4th and 5th axles driving on complex road conditions.	●


 Chassis	Configuration
Suspension Hydro-pneumatic suspension is adopted for all axles, providing good shock absorbing effect. Functions of automatic leveling, suspension lifting, elastic/rigid state switch-over, etc. are available. Stroke of suspension cylinder : -100mm ~ +140mm.	●
Tires 12 tires, each axle is equipped with single tire, large bearing capacity. Tire specifications: 445/95R25(14.00R25). 12 tires, each axle is equipped with single tire, manufactured by Michelin, large bearing capacity. Tire specifications: 445/95R25(16.00R25).	● ○
Steering All axles steering, advanced electro-hydraulic proportional steering control is suitable for various demands of working conditions, some steering modes followed may be realized.	●
Brakes Service brake: double-circuit air pressure brake, acting on all wheels. Parking brake: spring energy brake, acting on wheels of 2-6 axles. Auxiliary brake: engine brake, transmission retarded brake. Eddy-current retarder brake, which are safe and reliable, and will prolong the service life of brake lining.	● ○
Driver's cab New type steel structure full dimension cab with suspension connecting structure, and there is shock absorb fitted at the rear of the cab, equipped with adjustable seats, safety glass of electrically operated door window lift , electric-adjustable mirrors, steering wheel adjustable in height and angle, reverse displayer, large screen liquid crystal display. Combined control panel reasonably arranged ergonomically designed concept. Heater and air conditioner are standard.	●
Electrical System DC 24 volts is in series with two 12-volt battery packs.	●

Technical specifications

 Superstructure	Configuration
Frame Designed and manufactured by XCMG, made of high-strength steel.	●
Supers- tructure engine OM936LA.E3A/1, V-type eight-cylinder water-cooled EFI diesel engine, manufactured by Benz, rated power 205kw / 2200 rpm,max. torque 1100N.m / 1200 ~ 1600 rpm, China national III emission standards. Fuel tank capacity: 290L.	●
Hydra- ulic system Variable pump driven by superstructure engine, used for hoisting, elevating, telescoping and slewing operation. Imported electro-hydraulic direction valve, matching perfectly stably. Large power Air-cooled hydraulic oil cooler, which may effectively reduce the temperature of oil in the system.	●
Operat- ing mode Variable continuous speed regulation. Electric proportional pilot control of all operation of hydraulic pump and proportional valve to control the crane by 2 control handle.	●
winch system Hydraulic controlled speed regulation, with groove drum equipped, driven by hydraulic variable motor through planetary gear reducer, and with built-in constant closed brake, equipped with imported wire rope and pouch socket.	●
Slewin g system Single row four-point ball contact external gearing slewing ring and right-arranged double slewing mechanism. driven by a hydraulic motor, with a planetary gear reducer and a normally closed brake equipped, for 360° continuous rotation. Power control and free slewing function as well as stepless speed regulation are available.	●
Operat- or's cab Large arc glass, swing-out door, adjustable seat, equipped with safety glass and top protective rails, LMI, controller box, electric wind shield wipers, engine accelerator pedal, engine start switch and windshield visor, etc. are also available. heater and air conditioner are standard.	●

 Superstructure	Configuration
Combin- ed counter- weight Total weight is 100t. 6 counterweight combinations of 0t, 20t, 40t, 60t, 80t and 100t are available.	●
Electri- cal System DC 24 volts is in series with two 12-volt battery packs.	●
Safety devices Hydraulic balance valve, Hydraulic relief valve, Double-way hydraulic valve, LMI. Spring centering system for control levers. Lowering limiter for preventing wire rope from over-releasing. Anti-two block at boom head for preventing wire rope from over-winding. Anemometer for measuring the wind velocity.	●
LMI The safety protection device is installed in operator's cab. When actual moment approaches overload value, it may send out visual alarm, and automatically stop dangerous movements before overloading. Overload memory function (black box) and fault self-diagnosis function are available.	●
Boom 7-section, U-shape cross section, welding structure. Single-cylinder pinning interlocked telescoping system. One double-acting cylinder with safe valve assemblies used for control of the telescoping movement of all booms, 46%, 92% and 100% telescoping pattern are available. Boom length:15m ~ 80m.	●
Jib Lattice welding structure, with 0° , 20° and 40° jib offset angles available. Jib length: 6m~36m.	○
Wind power jib Length of wind power jib: 8m. (contain super-lifting)	○
Hook block 140t hook block	○
85t hook block	●
40t hook block	●
12.5t hook block	●

Technical specifications

	Superstructure	Configuration
Super-lifting	Y-type super lifting device may be installed at the end of the basic boom. The design of two parts of line super lifting wire rope enables the pulling force of the super lifting double improving. With the super lifting device, under longer boom length, the boom deflection may be reduced by 20%-30%, and the lifting performance be doubled.	○

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

Symbol explanation:

- —it means the standard configuration;
- —it means the optional configuration.

Weight



Axle	1	2	3	4	5	6	Total weight
t	12	12	12	12	12	12	72 ¹⁾
t	17.2	17.2	12.9	12.9	12.9	12.9	86 ²⁾
t	9.5	9.5	21.8	21.8	21.8	21.8	106 ³⁾

1) For the superstructure, counterweight, super lifting device, single top, hook block, fixed jib, auxiliary winch and railings are excluded.

For the chassis, spare tire, spare tire bracket, fixing device of super lifting device and outrigger floats are excluded.

Driving type: 12×8; tire specification: 385/95R25

2) For the superstructure, counterweight, single top, fixed jib and auxiliary winch are excluded.

Driving type: 12×8; tire specification: 385/95R25

3) For the superstructure, counterweight base of 20t is included, while single top and fixed jib are excluded.

Driving type: 12×8; tire specification: 385/95R25

The normal weight and axle load listed in the table are values when 385/95R25 tires are equipped.

When equipped with optional tires 445/95R25, the GVW is increased by 696kg and the axle load for each axle is added by 116 kg.




Weight



Hook	No. of lines	Weight kg	Remarks
140 t	14	1900	Double hook, Standard
85 t	7	1400	Double hook, Standard
40 t	3	1100	Single hook, Standard
12.5 t	1	460	Single hook, Standard





Working speeds



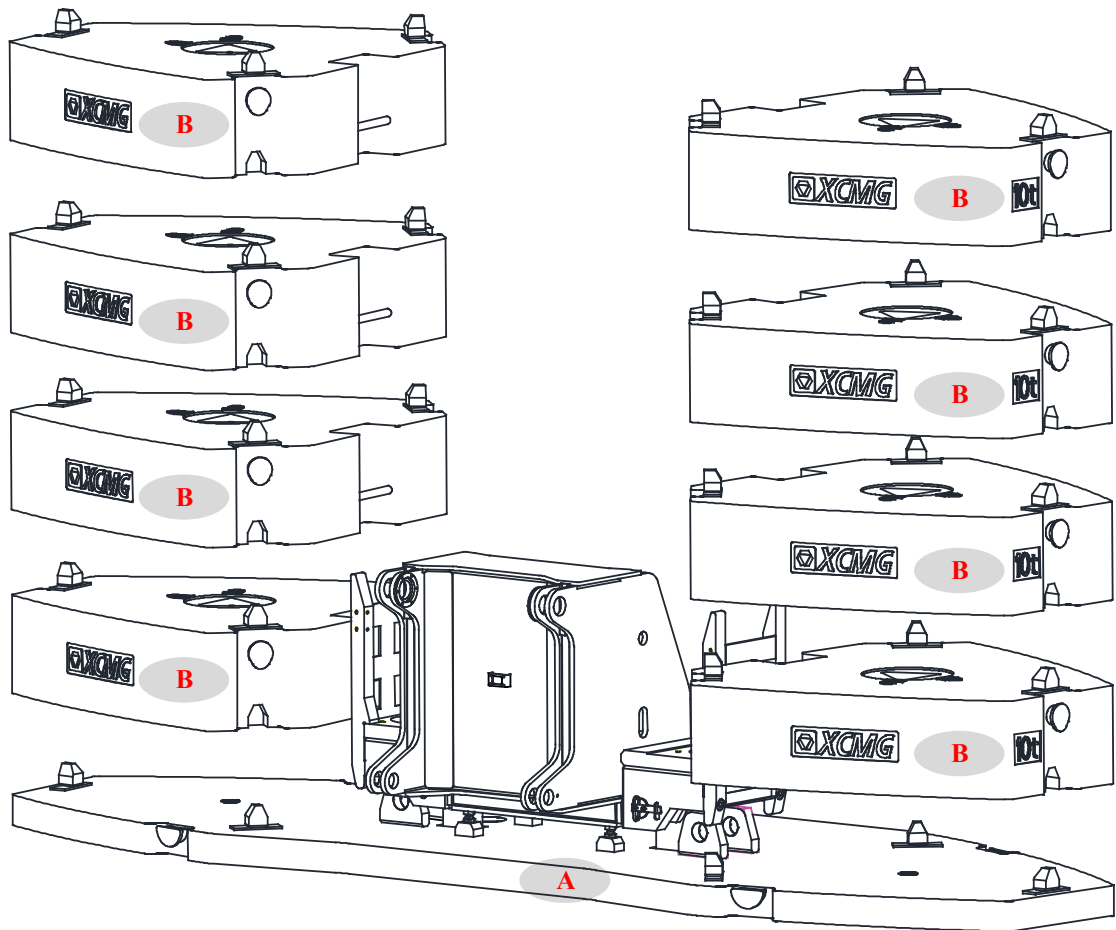
	 Km/h	
385/95 R 25 (14.00 R 25)	2 ~ 80	57%
445/95 R 25 (16.00 R 25)	3 ~ 85	52%

Working speeds



Drive	Working speed	Max. single line pull	Rope diameter/ length
	0-127 m/min, single line, 5th layer, no load	12.5 t	23 mm/370 mm
	0-1.2 r/min		
	Approx. 72s for boom elevation from -1° to 83°		
	Approx. 900s for boom extension from 15m to 80m		

Counterweight

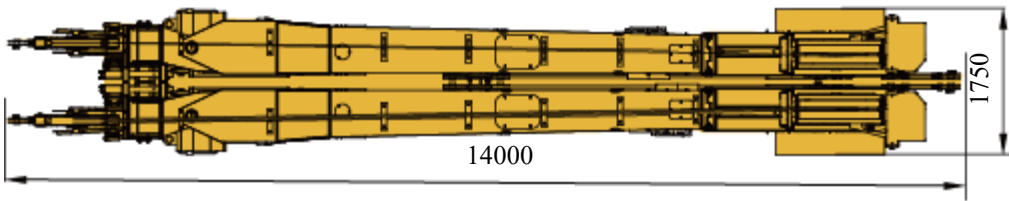
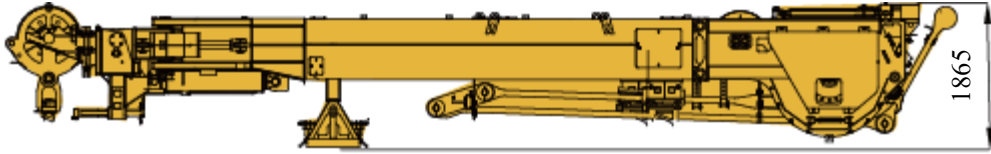


Counterweight	A	B
Size (L×W×H) m	6.8×2.3×1.8	2.0×2.2×0.6
Weight t	20	10

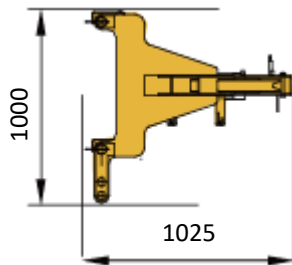
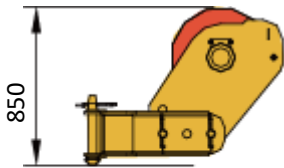
Working mode	100 t	80 t	60 t	40 t	20 t
Combinations	A+B×8	A+B×6	A+B×4	A+B×2	A

Dimensions of parts to be transported

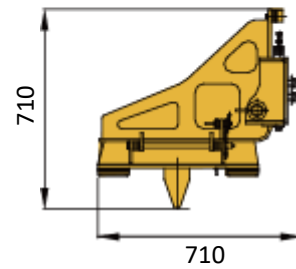
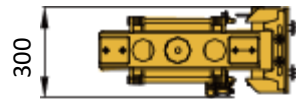
14 t
Super lifting device



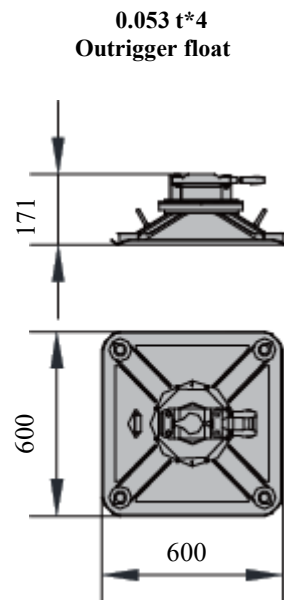
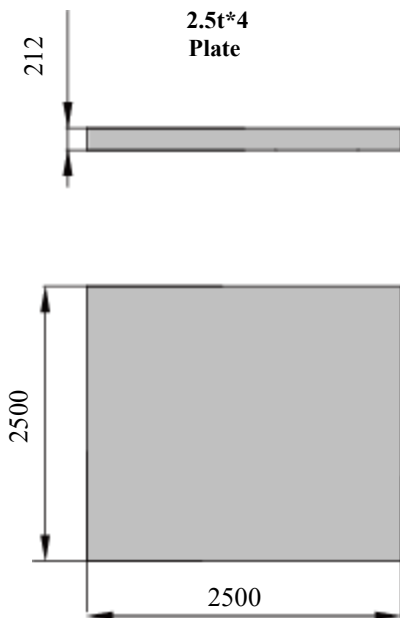
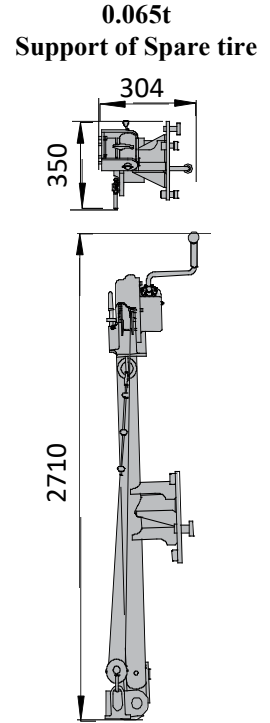
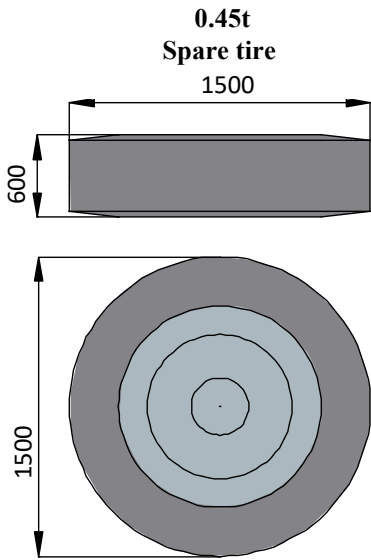
0.176t
Single top



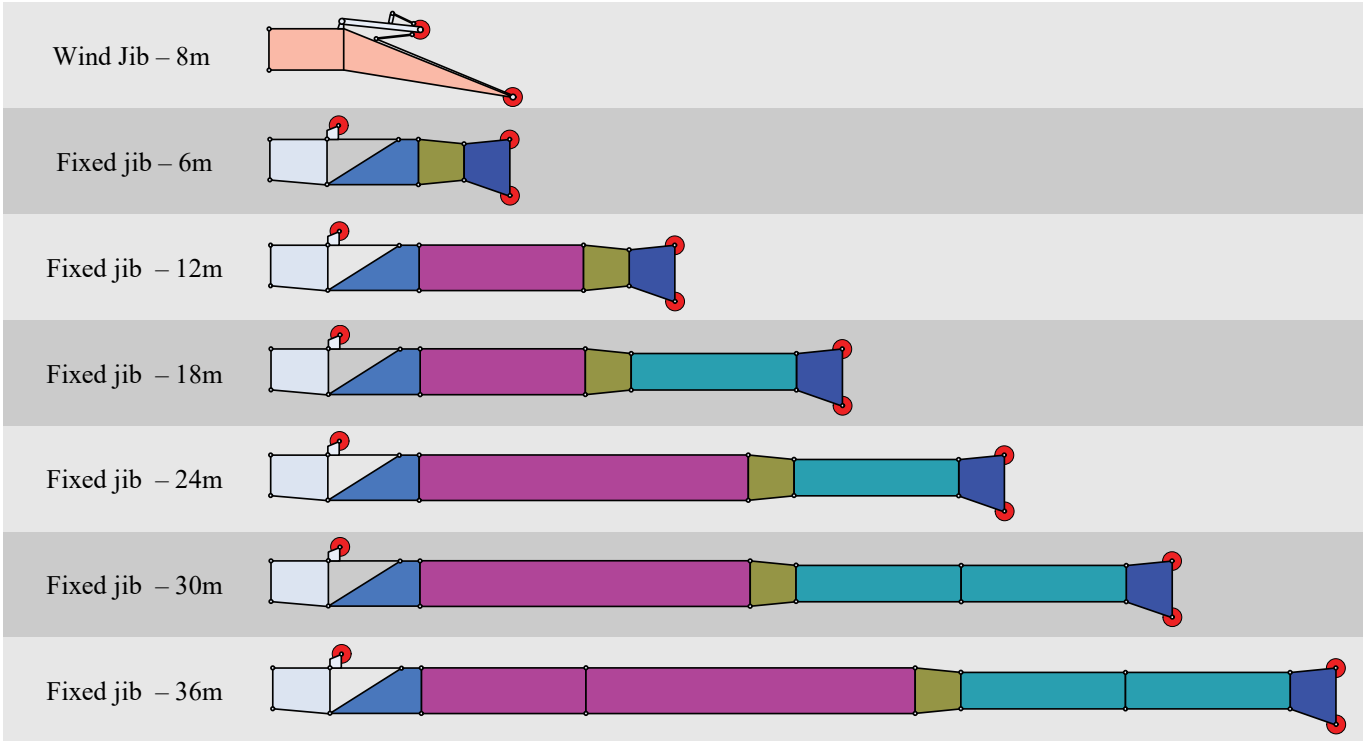
0.085t*2
Superlift positioning device



Dimensions of parts to be transported

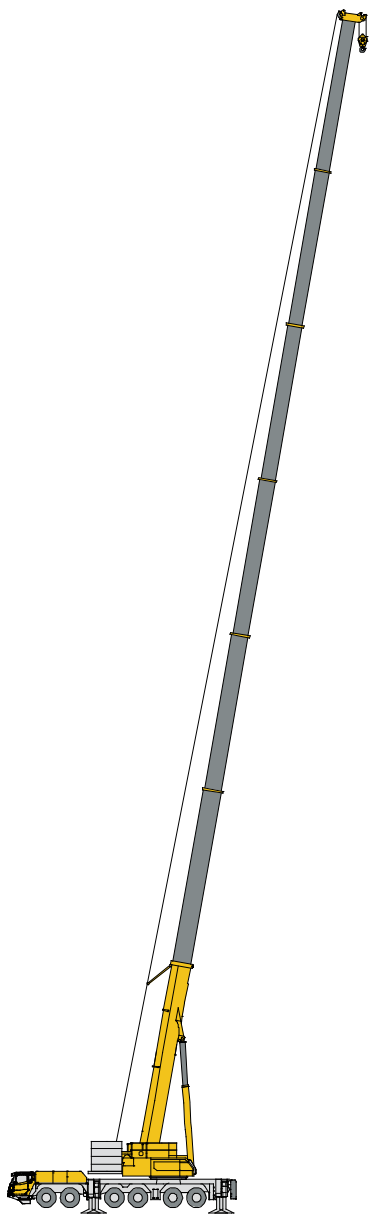


Boom / Jib combinations



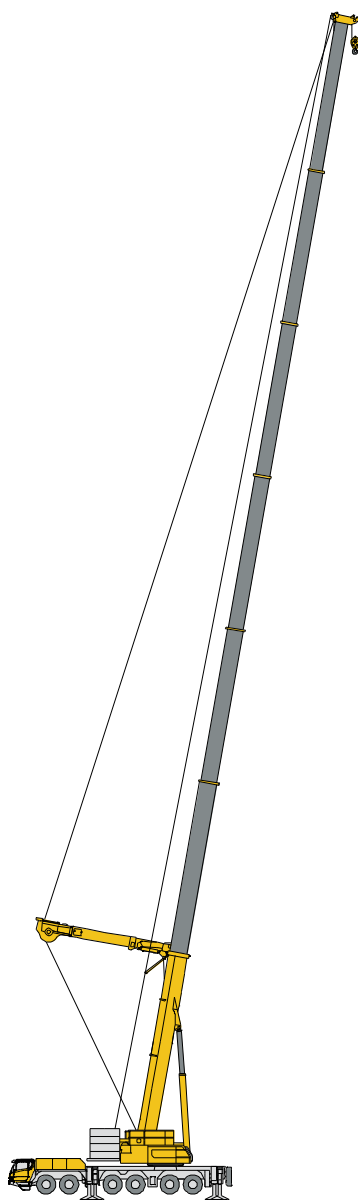
Component	Structure	Size (L×W×H) m	Weight kg
Connection bracket		1.9×1.5×1.8	802.7
Swinging bracket		3.4×1.5×1.5	1547
Jib extension I		6.2×1.5×1.4	767.4
Jib extension II		6.2×1.3×1.1	710.3
Jib extension III		12.2×1.5×1.4	1406.37
Transition section		1.7×1.5×1.4	280.8
Head section		1.9×1.25×1.9	500.45
Wind jib		8.5×0.9×2.5	1070.09

Boom / Jib combinations



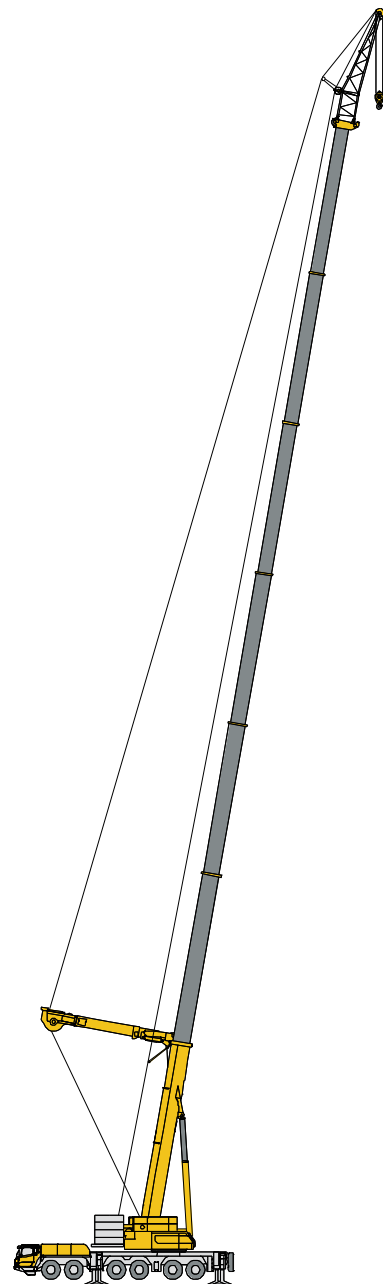
Telescopic boom

T: 15~80 m



Super lifting telescopic boom

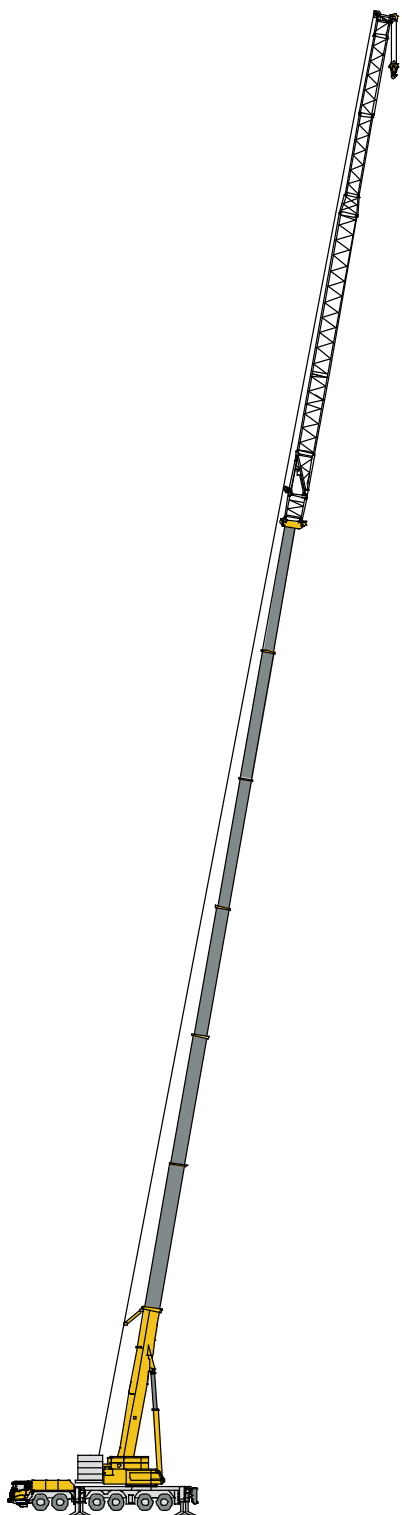
T: 29.9~80 m



Super lifting wind jib

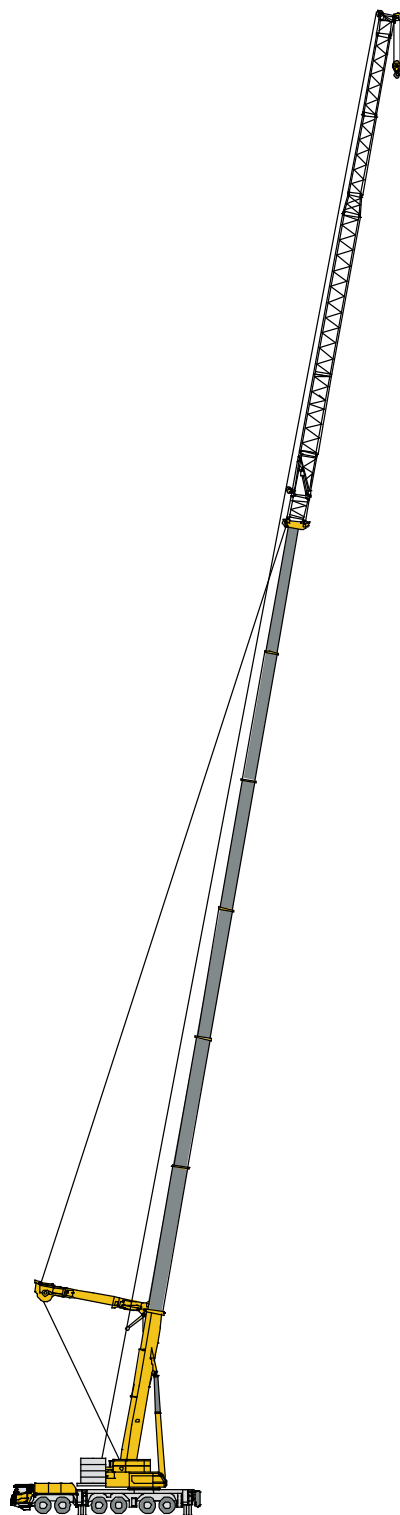
**T: 62.4~80 m
W: 8 m**

Boom / Jib combinations



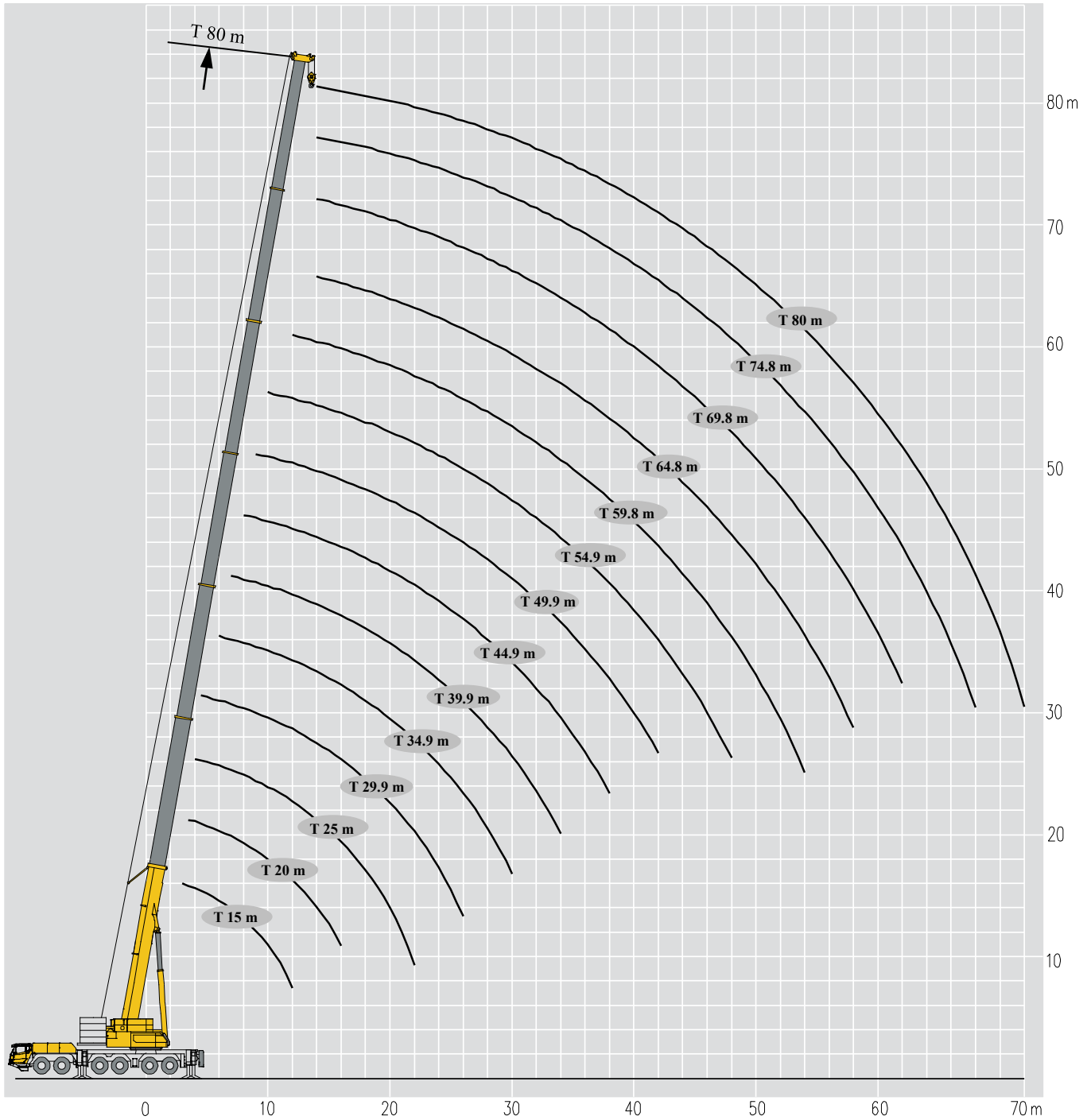
Fixed jib

T: 44.9~74.8 m+ 2 m
F: 6~36 m




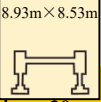
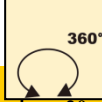
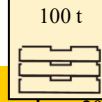

Super lifting fixed Jib


T: 44.9~74.8 m+ 2 m
F: 6~36 m



Lifting capacities


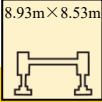

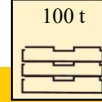









T 15~44.9m

	 15 m	 20 m	 20 m	 20 m	25 m	25 m	25 m	29.9 m	29.9 m	
3	*300.0									3
3	140.0									3
3.5	140.0	140.0	135.0	140.0						3.5
4	140.0	140.0	130.0	135.0						4
4.5	140.0	140.0	122.0	135.0	135.0	135.0	130.0			4.5
5	140.0	136.0	110.0	135.0	125.0	135.0	125.0	115.0	120.0	5
6	136.0	136.0	98.0	125.0	115.0	120.0	120.0	110.0	108.0	6
7	125.0	121.0	85.0	120.0	115.0	118.0	110.0	100.0	99.0	7
8	115.0	110.0	80.0	104.1	103.9	105.1	100.1	96.5	95.9	8
9	103.0	100.0	71.0	95.8	94.0	95.4	91.7	92.4	91.2	9
10	90.0	85.0	65.0	88.2	82.5	85.0	84.0	83.5	82.4	10
11	80.0	77.0	60.0	80.0	77.0	78.0	80.5	77.4	75.8	11
12	73.5	70.0	55.0	72.5	68.0	70.5	71.6	70.9	68.8	12
13		64.5	50.0	65.2	63.8	64.4	65.2	60.2	59.0	13
14		57.6	46.5	59.6	57.0	58.0	60.6	56.1	55.6	14
16		48.0	41.0	50.0	48.2	50.2	52.5	49.2	47.9	16
18					41.0	43.4	44.0	41.9	40.8	18
20					34.2	37.4	39.0	36.9	34.0	20
22								31.6	29.9	22
24								25.6	26.0	24
26								23.5	22.0	26
code	000000	001000	000010	000100	110000	011000	001100	111000	210000	code
NO.of lines	14	14	14	14	13	13	13	11	11	NO.of lines
重量 Weight	1.9t									重量 Weight

	29.9 m	34.9 m	34.9 m	34.9 m	39.9 m	39.9 m	39.9 m	44.9 m	44.9 m	
5	115.0	100.0	100.0	95.0						5
6	105.8	97.0	95.0	91.0	85.0	90.5	71.0			6
7	96.8	93.0	91.0	88.0	80.0	85.5	68.0			7
8	90.4	90.0	89.5	85.0	75.0	80.0	65.0	55.4	61.0	8
9	83.7	85.0	84.0	77.0	72.4	75.0	60.0	52.9	59.0	9
10	75.1	78.0	76.8	72.5	68.7	72.0	56.5	50.0	57.0	10
11	69.4	75.0	73.5	67.5	62.0	67.0	53.5	48.8	55.0	11
12	64.1	68.0	67.1	62.7	58.3	63.0	49.7	45.8	53.0	12
13	58.2	63.0	61.0	58.1	54.0	58.0	47.0	43.0	50.5	13
14	55.0	58.0	57.0	55.6	51.8	54.0	43.0	42.4	48.0	14
16	48.9	49.0	48.0	50.0	44.3	46.0	39.0	39.5	44.0	16
18	42.2	42.0	41.0	43.1	36.9	38.5	34.0	35.4	40.0	18
20	36.7	36.0	34.8	37.8	33.3	35.0	33.5	35.4	37.0	20
22	32.0	31.0	30.5	33.5	29.3	31.0	29.9	31.3	32.0	22
24	27.4	27.5	25.5	30.1	25.4	27.0	29.0	28.0	29.0	24
26	24.2	24.4	23.2	26.1	22.4	24.0	26.3	24.2	25.5	26
28		21.0	20.2	23.0	19.8	21.5	24.3	22.7	23.4	28
30		18.8	17.0	19.8	17.3	19.0	22.3	20.6	20.0	30
32		16.9	15.0	17.7	15.3	17.0	19.3	19.9	18.2	32
34					13.4	15.0	17.3	17.6	16.3	34
36					12.0	13.0	15.2	16.3	14.9	36
38								14.8	13.5	38
40								13.5	11.2	40
code	021000	111100	211000	011110	211100	111110	011111	111111	211110	code
NO.of lines	11	9	9	9	8	8	8	6	6	NO.of lines
Weight	1.9t							1.4t		Weight

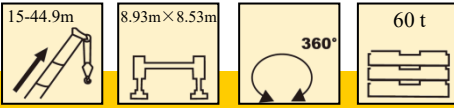
Lifting capacities

T 44.9~80m

	 44.9-80m	 8.93m×8.53m	 360°	 100 t							
	44.9 m	49.9 m	49.9 m	49.9 m	54.9 m	54.9 m	54.9 m	59.8 m	59.8 m		
8	57.0									8	
9	55.0									9	
10	53.0									10	
11	51.0									11	
12	49.0									12	
13	47.5									13	
14	45.0									14	
16	41.0									16	
18	36.0									18	
20	33.6									20	
22	29.4									22	
24	25.8									24	
26	22.4									26	
28	21.0									28	
30	19.0									30	
32	17.1									32	
34	15.1									34	
36	14.0									36	
38	12.5									38	
40	10.5									40	
42										42	
44										44	
46										46	
48										48	
50										50	
52										52	
54										54	
code	221100	211111	221110	121111	221111	222110	122111	222111	222210	code	
NO.of lines	6	5	5	5	4	4	4	3	3	NO.of lines	
Weight	1.4t						1.1t			Weight	
	 59.8 m	 64.8 m	 64.8 m	 64.8 m	 69.8 m	 69.8 m	 74.8 m	 80 m			
12	30.1								12		
13	29.2								13		
14	28.4								14		
16	26.6								16		
18	25.0								18		
20	23.2								20		
22	21.4								22		
24	20.1								24		
26	18.7								26		
28	17.7								28		
30	16.3								30		
32	15.3								32		
34	14.3								34		
36	13.6								36		
38	12.8								38		
40	12.0								40		
42	11.2								42		
44	10.1								44		
46	9.6								46		
48	9.1								48		
50	8.7								50		
52	8.2								52		
54	7.4								54		
56									56		
58									58		
60									60		
62									62		
64									64		
66									66		
68									68		
70									70		
code	122211	222211	122221	112222	222221	122222	222222	333333	code		
NO.of lines	3	3	2	2	2	2	2	1	NO.of lines		
Weight	1.1t						0.46t			Weight	

Lifting capacities

T 15~44.9m


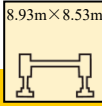

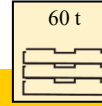












	15 m	20 m	20 m	20 m	25 m	25 m	25 m	29.9 m	29.9 m	
3.5	140.0									3.5
4	140.0	140.0	120.0	140.0						4
4.5	140.0	140.0	111.8	135.0	135.0	135.0	130.0			4.5
5	135.0	136.0	100.9	135.0	125.0	135.0	125.0	115.0	120.0	5
6	120.0	125.0	93.3	120.0	115.0	120.0	120.0	110.0	108.0	6
7	105.0	102.0	82.6	104.3	104.5	105.6	110.0	100.0	99.0	7
8	86.8	90.0	73.6	90.1	90.8	87.9	90.0	90.7	89.0	8
9	74.6	77.0	65.3	78.1	79.1	76.5	81.0	78.0	76.0	9
10	65.3	67.0	60.8	69.7	70.0	68.5	71.0	67.5	66.0	10
11	56.7	57.8	54.0	60.4	60.3	59.0	61.5	58.5	58.5	11
12	52.0	52.5	50.7	55.1	55.1	54.6	56.0	54.1	54.0	12
13		48.0	45.8	48.6	47.0	47.8	50.0	47.8	47.0	13
14		46.0	42.9	46.0	44.2	45.0	47.0	43.9	42.9	14
16		36.0	38.2	37.4	34.3	36.3	38.6	36.0	33.3	16
18					27.5	29.5	30.5	28.0	26.0	18
20					20.4	22.5	25.2	22.4	21.0	20
22								18.8	16.9	22
24								14.5	13.1	24
26								12.5	11.1	26
code	000000	001000	000010	000100	110000	011000	001100	111000	210000	code
NO.of lines	14	14	14	14	13	13	13	11	11	NO.of lines
Weight	1.9t									Weight

	29.9 m	34.9 m	34.9 m	34.9 m	39.9 m	39.9 m	39.9 m	44.9 m	44.9 m	
5	115.0	100.0	100.0	95.0						5
6	105.8	97.0	95.0	91.0	85.0	90.5	71.0			6
7	96.0	93.0	91.0	88.0	80.0	85.5	68.0			7
8	90.4	90.0	89.5	85.0	75.0	80.0	65.0	55.4	61.0	8
9	78.0	76.0	75.0	77.0	72.4	75.0	60.0	52.9	59.0	9
10	68.0	66.0	65.0	72.1	68.7	72.0	55.5	50.0	57.0	10
11	60.0	58.0	57.0	61.0	60.4	63.1	50.0	46.0	55.0	11
12	55.0	53.0	52.9	55.5	56.1	58.2	47.7	45.8	53.0	12
13	48.0	47.0	46.5	48.3	47.2	49.0	42.0	43.0	49.0	13
14	45.0	45.0	44.0	45.1	43.2	45.6	41.7	42.4	48.0	14
16	35.9	36.6	34.3	38.1	33.6	36.2	39.1	39.5	35.9	16
18	28.8	28.0	26.6	31.2	26.8	28.1	32.5	31.4	29.1	18
20	23.1	23.2	21.5	25.8	22.0	25.1	27.0	25.4	23.6	20
22	18.4	19.2	17.8	21.4	18.1	20.3	22.0	20.6	19.0	22
24	15.6	16.3	14.1	18.6	15.6	16.0	17.9	17.0	15.6	24
26	13.6	13.2	12.1	15.5	13.0	14.0	15.8	15.0	13.0	26
28		11.6	9.8	12.9	10.5	12.0	14.0	13.0	11.2	28
30		10.6	8.4	11.9	9.0	10.7	12.2	12.0	10.0	30
32		9.0	7.0	10.9	7.0	9.2	11.1	10.1	8.9	32
34					5.5	8.0	9.0	9.0	7.3	34
36					4.5	7.0	8.0	8.1	5.9	36
38								6.8	4.7	38
40								5.8	3.7	40
code	021000	111100	211000	011110	211100	111110	011111	111111	211110	code
NO.of lines	11	9	9	9	8	8	8	6	6	NO.of lines
Weight	1.9t							1.4t		Weight

Lifting capacities


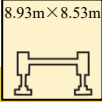

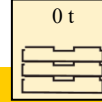

T 44.9~80m











	 44.9-80m	 8.93m×8.53m	 360°	 60 t							
	44.9 m	49.9 m	49.9 m	49.9 m	54.9 m	54.9 m	54.9 m	59.8 m	59.8 m		
8	57.0									8	
9	55.0	53.0	52.0	50.0						9	
10	53.0	52.0	51.0	50.0						10	
11	51.0	49.0	50.0	47.0	42.0	40.0	31.0			11	
12	49.0	48.0	49.0	46.6	42.0	40.0	31.0	32.5	31.0	12	
13	46.0	44.0	46.0	41.8	40.5	39.0	31.0	32.5	31.0	13	
14	45.0	43.6	45.0	41.1	39.0	38.0	30.0	32.5	31.0	14	
16	33.3	36.0	34.8	35.0	36.0	34.0	28.0	31.0	30.0	16	
18	26.8	29.4	27.9	29.4	29.2	28.3	24.0	28.9	28.1	18	
20	21.8	24.4	22.5	25.4	24.1	23.3	22.1	27.5	26.6	20	
22	17.4	20.0	19.2	21.0	20.4	19.5	21.5	22.0	21.5	22	
24	14.5	16.1	15.4	15.9	16.6	15.7	17.6	18.8	18.3	24	
26	11.7	14.0	12.9	14.4	14.1	13.3	15.0	15.7	15.2	26	
28	10.7	12.0	10.3	12.0	11.9	11.1	12.9	13.1	12.7	28	
30	9.0	10.3	9.7	11.0	10.7	9.9	11.7	11.9	11.5	30	
32	7.7	9.0	8.0	10.0	9.4	8.6	10.4	10.1	9.6	32	
34	6.1	8.0	7.0	9.1	8.3	7.5	9.2	8.5	8.0	34	
36	4.7	7.0	5.8	7.2	7.0	6.2	7.9	7.5	7.0	36	
38	4.0	5.9	5.0	6.5	5.8	5.1	6.8	6.3	5.9	38	
40	3.0	5.1	4.0	5.6	5.0	4.3	6.0	5.2	4.8	40	
42		4.0	3.0	4.8	4.0	3.2	4.9	4.2	3.8	42	
44		3.0	2.0	3.8	3.7	2.9	4.6	3.8	3.4	44	
46					2.9	2.1	3.8	3.0	2.6	46	
48					2.0		2.6	2.3	2.0	48	
50								2.0		50	
code	221100	211111	221110	121111	221111	222110	122111	222111	222210	code	
NO.of lines	6	5	5	5	4	4	4	3	3	NO.of lines	
Weight	1.4t						1.1t				Weight

	 59.8 m	 64.8 m	 64.8 m	 64.8 m	 69.8 m	 69.8 m	 74.8 m	 80 m	
12	30.1								12
13	29.2								13
14	28.4	25.2	22.1	19.6					14
16	26.6	25.2	21.1	18.6	19.1	17.3			16
18	25.0	23.9	20.0	17.7	19.1	16.7	15.0	12.2	18
20	23.2	22.2	19.1	16.6	18.2	15.9	15.0	12.2	20
22	21.4	21.3	18.0	15.7	17.6	15.1	14.7	12.1	22
24	19.3	20.1	17.0	14.7	16.6	14.5	14.1	12.1	24
26	18.0	16.8	16.0	12.6	16.0	13.6	13.7	11.2	26
28	14.0	14.4	15.1	11.5	15.1	13.0	12.7	11.0	28
30	13.1	12.6	13.7	10.7	14.2	11.9	10.6	10.6	30
32	11.3	10.9	11.9	10.1	11.4	10.0	10.2	9.3	32
34	9.6	9.5	10.5	9.6	10.0	9.5	9.6	8.9	34
36	8.6	8.2	9.3	9.1	8.6	9.1	9.1	8.5	36
38	7.5	7.1	8.2	8.7	7.5	8.6	8.3	7.9	38
40	6.4	6.1	7.1	8.1	6.6	7.7	7.2	7.3	40
42	5.4	5.1	6.3	7.4	5.8	6.8	6.4	6.5	42
44	5.0	4.3	5.5	6.6	4.9	6.0	5.5	5.6	44
46	4.0	3.4	4.7	5.8	4.2	5.3	4.7	4.8	46
48	3.5	2.7	4.0	5.0	3.5	4.7	4.0	4.0	48
50	2.8	2.1	3.3	4.4	2.7	4.0	3.5	3.5	50
52	2.2		2.7	3.8	2.0	3.4	2.9	3.0	52
54			2.0	3.3	2.0	2.8	2.3	2.2	54
56			2.0	2.8		2.4	2.0	2.0	56
58				2.0		2.0			58
code	122211	222211	122221	112222	222221	122222	222222	333333	code
NO.of lines	3	3	2	2	2	2	2	1	NO.of lines
Weight	1.1t							0.46t	Weight

Lifting capacities

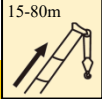
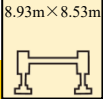
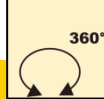
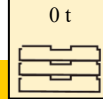

T 15~80m



	 15-80m	 8.93m×8.53m	 360°	 0 t							
	15 m	20 m	20 m	20 m	25 m	25 m	25 m	29.9 m	29.9 m		
3.5	140.0									3.5	
4	130.0	125.0	118.5	135.0						4	
4.5	115.0	116.0	107.0	120.0						4.5	
5	100.0	100.0	101.0	99.0	100.0	101.0	100.0			5	
6	87.0	87.0	89.0	88.0	86.0	87.0	89.0	87.0	85.0	6	
7	64.3	65.5	70.0	68.4	62.5	66.3	69.5	65.4	61.6	7	
8	42.7	44.8	47.6	47.3	40.3	43.5	46.3	42.9	39.8	8	
9	29.0	31.0	34.6	33.4	29.0	31.8	34.3	30.4	27.6	9	
10	20.2	23.1	25.4	25.0	20.3	22.9	25.2	21.6	19.0	10	
11	13.0	15.0	18.2	17.0	14.0	16.7	19.0	14.9	12.2	11	
12	10.6	12.6	14.9	13.9	11.7	14.4	16.7	12.1	9.4	12	
13		9.0	10.8	9.8	7.0	10.0	11.0	8.0	6.0	13	
14		7.5	9.7	8.7	5.9	8.4	10.4	7.2	4.8	14	
16		4.1	6.1	5.2	2.0	3.0	5.0	3.3		16	
18							2.8			18	
code	000000	001000	000010	000100	110000	011000	001100	111000	210000	code	
NO.of lines	14	14	14	14	13	13	13	11	11	NO.of lines	
Weight	1.9t									Weight	

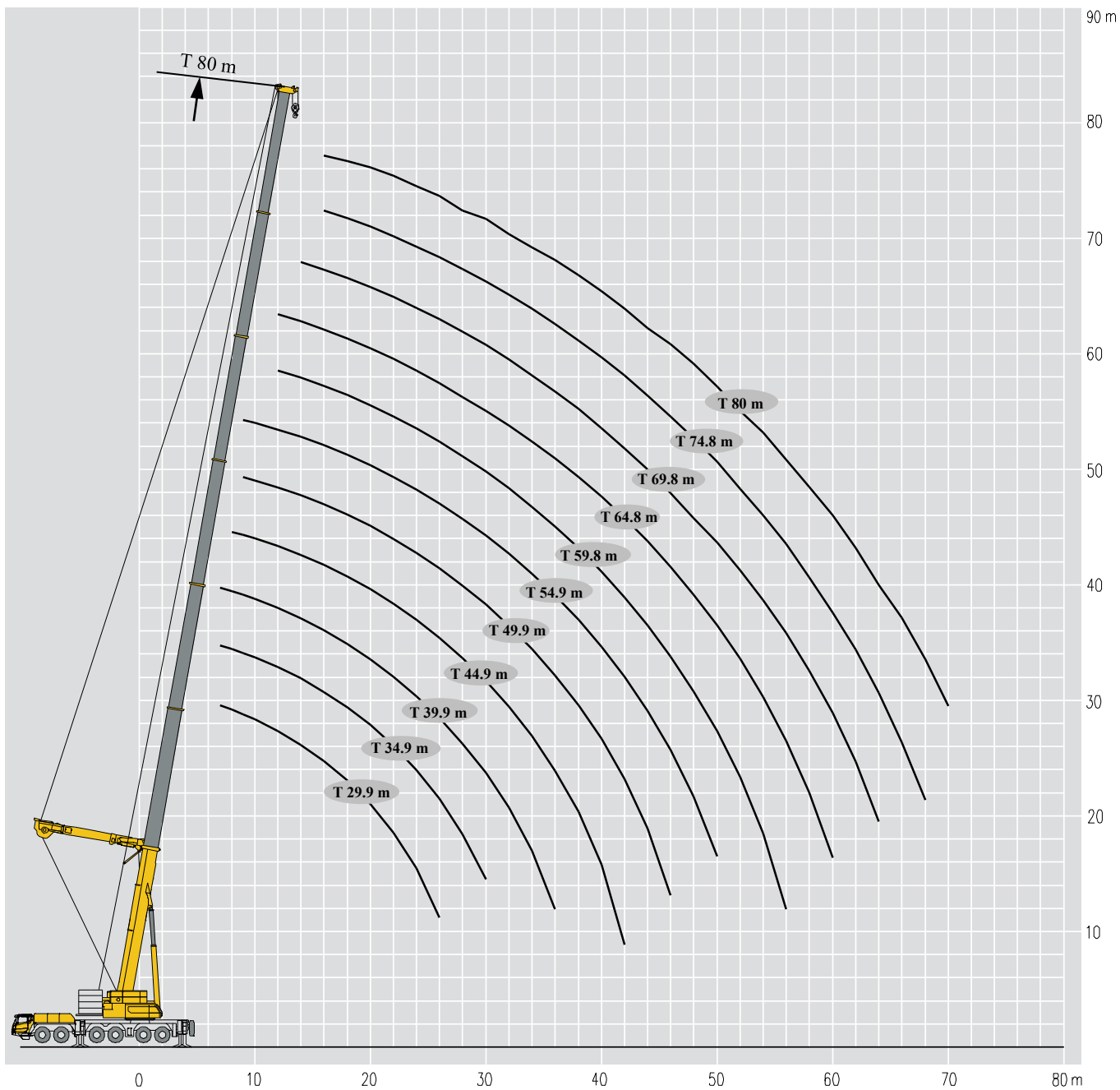
	 29.9 m	 34.9 m	 34.9 m	 34.9 m	 39.9 m	 39.9 m	 39.9 m	 44.9 m	 44.9 m	
6	87.0									6
7	66.5	77.8	63.5	72.5						7
8	43.9	45.0	41.4	48.9	44.4	48.2	52.1			8
9	30.3	32.2	29.0	35.7	30.8	34.2	37.7	34.1	30.7	9
10	22.4	23.3	20.3	26.5	23.0	26.1	29.3	25.8	22.7	10
11	15.6	17.0	13.0	20.0	15.7	18.9	22.1	20.0	17.0	11
12	12.8	13.8	10.8	17.0	12.4	15.6	18.8	16.3	13.2	12
13	9.0	10.0	7.0	12.0	9.0	11.0	14.1	12.0	9.7	13
14	7.9	8.7	6.0	11.7	7.5	10.4	13.3	11.0	8.1	14
16	4.0	4.3	2.2	6.1	3.5	5.3	8.0	8.0	5.0	16
18		2.0		4.0		3.0	5.0	5.0	2.2	18
20				2.0			3.0	2.3		20
code	021000	111100	211000	011110	211100	111110	011111	111111	211110	code
NO.of lines	11	9	9	9	8	8	8	5	4	NO.of lines
Weight	1.9t							1.4t		Weight

Lifting capacities

T 15~80m

	 15-80m	 8.93m×8.53m	 360°	 0 t							
	44.9 m	49.9 m	49.9 m	49.9 m	54.9 m	54.9 m	54.9 m	59.8 m	59.8 m		
9	28.6									9	
10	21.0	25.4	23.5	26.4						10	
11	15.0	18.7	16.8	20.0						11	
12	11.4	15.9	14.0	16.9	14.6	13.4	16.0			12	
13	8.0	11.8	10.0	12.0	11.0	9.9	12.0			13	
14	6.5	9.7	7.9	10.5	9.5	8.3	10.7	9.6	9.0	14	
16	3.0	6.6	5.0	7.3	5.9	4.9	7.1	6.4	5.5	16	
18		3.5	2.0	4.3	3.2	2.3	4.2	3.4	2.9	18	
20				2.0			2.1			20	
code	221100	211111	221110	121111	221111	222110	122111	222111	222210	code	
NO.of lines	4	3	3	3	2	2	2	1	1	NO.of lines	
Weight	1.1t							0.46t		Weight	

		59.8 m	64.8 m	64.8 m	64.8 m	69.8 m	69.8 m	74.8 m	80 m	
14		11.3								14
16		7.6	6.6	8.2	9.5					16
18		4.9	4.0	5.5	6.8	4.5	6.0			18
20		2.2	2.0	3.0	4.3	2.0	3.0	3.5	3.5	20
22				2.0	2.3		2.0	2.0	2.0	22
code		122211	222211	122221	112222	222221	122222	222222	333333	code
NO.of lines		1	1	1	1	1	1	1	1	NO.of lines
Weight		0.46t								Weight



Lifting capacities

T 29.9~80m

	29.9-80m		SL	8.93m×8.53m		360°	100 t									
	29.9 m	29.9 m		29.9 m	34.9 m		34.9 m	34.9 m	39.9 m	39.9 m	39.9 m	44.9 m	44.9 m	44.9 m		49.9 m
8	105.0	100.0	103.0	75.8	93.2	92.8	85.0	80.0	79.0							8
9	99.0	94.0	98.0	73.0	88.1	87.5	77.0	80.0	76.0							9
10	93.9	83.0	93.0	70.0	85.0	85.1	75.0	75.0	74.0							10
12	85.0	80.0	84.0	68.0	81.8	82.5	75.0	70.0	69.6							12
14	74.5	70.4	72.0	68.0	74.0	75.0	68.6	64.5	67.8							14
16	66.5	61.0	60.5	67.0	63.2	64.2	64.0	62.2	63.6							16
18	55.0	50.0	51.1	59.0	53.0	54.5	58.0	52.3	56.0							18
20	48.0	42.0	42.1	51.0	45.2	46.5	50.1	46.0	49.0							20
22	42.0	36.2	38.2	45.0	39.3	40.1	43.8	40.1	41.7							22
24	36.0	28.9	30.8	38.9	32.3	34.4	39.2	33.4	36.2							24
26	31.0	24.2	25.7	35.0	27.4	28.1	34.6	28.2	30.8							26
28	26.0	19.4	21.0	30.5	22.5	25.4	30.8	24.2	26.4							28
30				26.7	18.2	21.0	27.1	20.3	22.5							30
32				23.5	15.7	17.2	23.9	18.5	20.1							32
34							21.1	15.6	17.8							34
36							18.6	13.4	15.2							36
38							16.5	11.0	13.5							38
40																40
42																42
44																44
46																46
code	000210	210000	111000	000022	211000	111100	002210	211100	111110	000222	211110	111111	022210	221110		code
NO.of lines	10	10	10	7	9	9	8	7	7	6	7	7	6	6		NO.of lines
Weight	1.9t			1.4t	1.9t			1.4t						Weight		

	49.9 m	54.9 m	54.9 m	54.9 m	59.8 m	59.8 m	59.8 m	64.8 m	64.8 m	69.8 m	69.8 m	74.8 m	80 m			
8	60.0															8
12	58.3	41.5	50.0	53.5												12
14	55.8	40.0	48.5	50.0	38.5	41.0	45.0	30.5	35.8							14
16	53.4	38.5	46.4	48.0	38.0	40.6	43.6	29.5	34.8	25.2	30.0					16
18	50.0	37.0	43.5	45.5	37.5	39.6	41.8	28.5	33.8	24.2	29.0	25.5	21.7			18
20	46.9	35.5	41.0	43.5	37.0	38.0	39.1	27.5	32.8	23.2	28.0	25.5	21.0			20
22	42.5	34.0	38.7	40.7	36.5	35.5	37.1	26.6	31.7	22.2	27.0	25.0	19.6			22
24	37.0	33.5	35.6	37.0	36.0	34.6	35.6	25.6	30.7	21.4	26.1	24.5	19.1			24
26	33.5	33.5	31.5	32.8	35.5	32.0	32.2	24.6	29.6	20.4	25.1	24.0	18.5			26
28	28.2	29.3	27.4	28.5	31.3	28.3	29.3	23.7	28.5	19.9	24.1	23.5	17.9			28
30	25.1	26.9	23.5	24.3	28.4	24.4	25.7	22.7	25.6	19.5	22.8	23.0	17.3			30
32	22.1	24.5	21.0	21.3	25.1	22.0	22.6	21.6	23.5	18.9	21.7	22.5	16.8			32
34	19.6	21.9	18.4	18.5	23.2	19.0	19.7	20.9	20.5	18.2	20.3	21.0	16.2			34
36	17.2	20.4	16.1	16.5	20.7	16.9	17.7	19.5	18.0	17.6	19.0	19.2	15.6			36
38	15.2	18.6	14.2	15.1	18.6	14.5	15.1	18.0	16.2	17.1	17.0	17.5	15.0			38
40	13.4	16.6	12.2	13.5	16.6	13.2	14.0	16.2	14.4	16.0	15.5	16.2	14.4			40
42	11.9	15.2	10.6	11.9	14.9	11.7	12.3	14.5	12.3	14.6	13.9	14.2	13.9			42
44	10.3	13.7	9.6	10.2	13.4	10.4	11.0	12.9	11.1	13.5	12.3	13.0	13.4			44
46	9.0	12.4	8.2	9.2	12.0	8.8	9.6	11.7	10.2	12.0	10.8	11.5	12.0			46
48	7.7	11.2	7.0	8.0	11.0	7.3	8.3	10.8	9.0	10.9	9.6	10.4	10.6			48
50		10.1	5.8	6.8	10.0	6.4	7.2	9.3	8.0	9.8	8.6	9.7	9.6			50
52		8.8	4.7	5.5	9.2	5.5	6.3	8.3	7.0	8.9	7.7	8.6	8.8			52
54					8.2	4.4	5.1	7.8	6.0	8.0	6.8	8.1	8.0			54
56					7.6	4.0	4.5	7.1	5.3	7.2	5.9	7.5	7.2			56
58					7.0	3.0	3.9	6.3	4.3	6.3	5.1	6.9	6.8			58
60								5.8	3.6	5.5	4.3	6.2	6.3			60
62								5.0	3.0	4.9	3.7	5.4	5.7			62
64										4.2	3.1	4.8	5.1			64
66										3.5	2.4	4.2	4.5			66
68												3.2	3.9			68
70												2.6	3.3			70
code	211111	002222	222110	221111	012222	222210	222111	112222	222211	122222	222221	222222	333333			code
NO.of lines	6	4	5	5	4	4	4	3	4	3	3	3	2			NO.of lines
Weight	1.4t						1.1t	1.4t	1.1t						Weight	

Lifting capacities



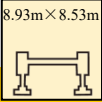





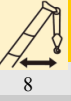



T 29.9~80m

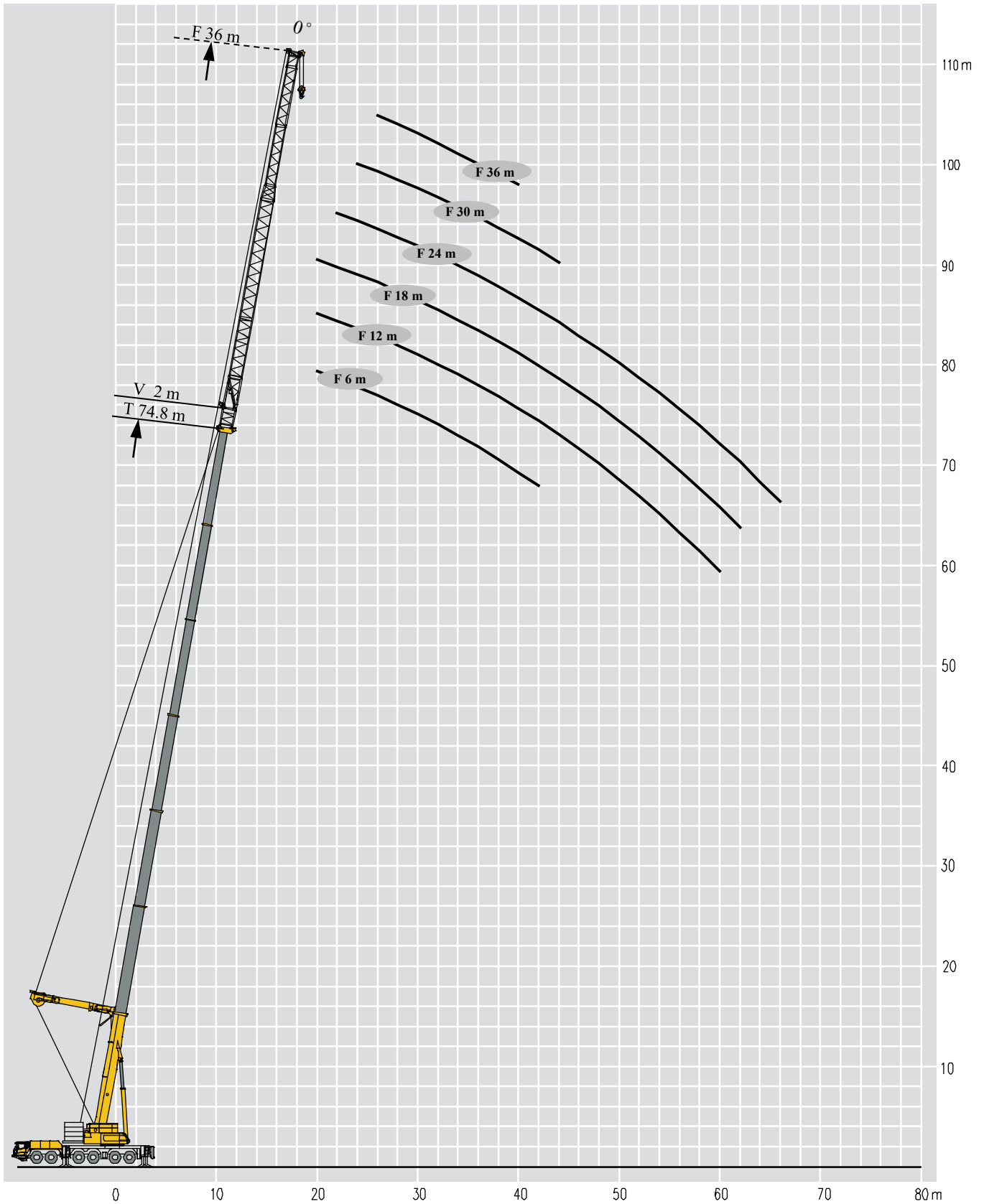
	29.9-80m		SL		8.93m×8.53m		360°		60 t								
	29.9 m	29.9 m	29.9 m	34.9 m	34.9 m	34.9 m	39.9 m	39.9 m	39.9 m	44.9 m	44.9 m	44.9 m	49.9 m	49.9 m			
7	105.0	100.0	103.0	75.8	93.1	91.9	85.0	80.0	79.0						8		
8	96.0	92.0	94.0	68.8	82.6	81.4	74.5	76.9	73.9	60.0	70.0	78.0			9		
9	87.5	75.5	84.2	63.5	76.8	76.7	71.5	66.9	70.5	54.0	66.5	72.7	58.0	55.5	10		
10	75.0	70.7	73.8	60.2	71.2	72.6	67.9	62.3	66.6	48.2	62.2	67.6	53.4	51.7	12		
12	65.3	62.6	63.3	58.9	63.0	64.2	64.0	57.5	62.8	43.7	56.3	60.2	49.1	47.3	14		
14	54.3	49.9	50.6	55.7	50.9	52.4	55.9	51.3	53.4	41.0	52.4	56.3	46.2	44.8	16		
16	43.1	36.4	38.4	45.3	38.8	41.4	46.1	39.7	43.3	39.2	42.1	44.1	42.2	41.6	18		
18	34.2	27.6	28.6	38.8	30.4	32.7	37.4	32.4	35.3	37.4	33.5	37.4	36.0	33.7	20		
20	27.3	21.6	23.2	32.2	24.6	26.0	30.5	26.0	28.8	33.2	27.5	29.4	30.4	28.9	22		
22	21.8	16.2	18.2	26.8	19.3	21.4	24.9	20.8	23.3	28.7	22.2	24.1	25.6	23.3	24		
24	17.3	12.3	14.2	22.1	15.5	16.7	20.6	16.8	19.2	23.5	19.1	21.3	22.0	19.6	26		
26	14.1	9.1	10.5	19.2	11.9	14.4	17.5	13.7	15.9	20.6	15.0	16.6	18.2	16.1	28		
28				15.8	8.8	11.1	14.5	10.8	12.9	17.7	12.7	14.1	15.8	13.2	30		
30				13.3	6.7	8.4	12.2	9.2	11.0	16.3	10.1	12.5	13.5	11.9	32		
32							10.1	7.0	9.0	14.1	8.5	10.1	11.4	9.5	34		
34							8.6	5.1	7.1	12.2	6.8	8.9	9.5	7.4	36		
36							7.4	3.5	5.7	10.5	5.3	7.3	8.1	6.1	38		
38										9.1	3.7	6.0	6.4	4.7	40		
40										7.8	2.6	4.5	5.4	3.3	42		
42										6.5			4.4	2.3	44		
44													3.0		46		
46													2.2		code		
code	000210	210000	111000	000022	211000	111100	002210	211100	111110	000222	211110	111111	022210	221110	code		
NO.of lines	10	10	10	7	9	9	8	7	7	6	7	7	6	6	NO.of lines		
Weight	1.9t			1.4t	1.9t			1.4t						Weight			

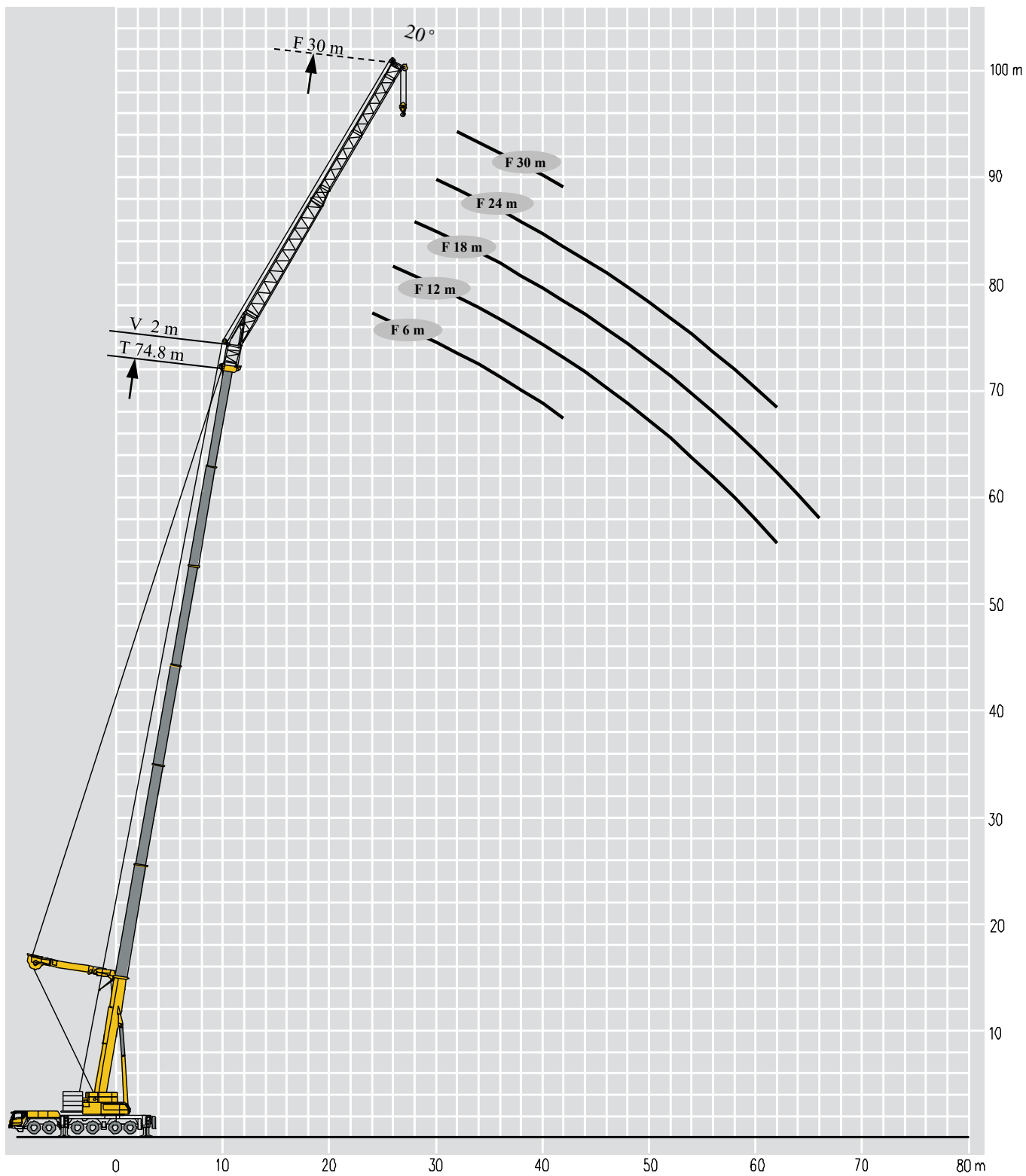
	49.9 m	54.9 m	54.9 m	54.9 m	59.8 m	59.8 m	59.8 m	64.8 m	64.8 m	69.8 m	69.8 m	74.8 m	80 m		
5	59.0													10	
10	54.7	41.5	49.5	53.0										12	
12	49.9	40.0	44.4	46.0	38.5	39.5	42.5	30.5	35.0					14	
14	47.6	37.4	41.1	42.4	38.0	36.0	40.3	29.5	32.7	25.2	30.0			16	
16	41.8	33.7	38.6	40.3	36.0	35.0	35.5	28.5	30.6	24.2	28.5	25.5	21.7	18	
18	34.6	31.7	32.5	33.5	34.4	32.8	33.6	26.5	28.0	23.2	24.5	25.5	21.0	20	
20	30.3	29.1	26.7	28.8	31.4	27.0	28.0	25.0	24.2	21.2	22.4	25.0	19.6	22	
22	25.3	25.5	23.6	24.6	26.5	23.4	24.2	22.0	21.0	20.0	20.5	22.7	19.1	24	
24	21.0	22.2	20.2	21.0	24.2	20.6	20.9	20.5	19.4	17.0	18.2	21.0	18.5	26	
26	17.5	19.7	16.7	17.8	20.7	17.6	18.5	18.8	18.3	16.0	16.7	18.3	17.5	28	
28	15.0	17.7	13.9	14.7	18.7	14.8	15.8	16.0	15.2	15.0	14.5	15.6	15.8	30	
30	12.7	15.8	11.9	12.4	16.1	12.9	13.4	14.0	13.3	14.0	13.4	14.2	14.3	32	
32	10.5	13.8	9.9	10.8	14.5	10.7	11.2	13.0	11.8	12.9	12.2	12.9	12.1	34	
34	8.9	12.1	8.2	8.9	12.8	9.0	9.6	11.9	10.1	11.2	10.9	11.5	10.5	36	
36	7.4	10.0	6.5	7.3	11.2	7.3	7.8	10.6	8.7	9.9	9.4	9.9	9.6	38	
38	6.0	9.7	5.3	6.1	9.7	6.1	6.8	9.4	7.1	9.1	8.2	9.1	8.1	40	
40	4.5	8.6	4.1	5.0	8.4	5.1	5.5	8.1	5.9	8.1	7.0	7.6	7.6	42	
42	3.5	7.2	3.0	3.9	7.3	4.0	4.3	6.9	4.9	7.2	5.9	6.7	6.8	44	
44	2.4	6.3	2.0	2.8	6.3	3.0	3.3	6.0	4.1	6.1	4.8	5.5	5.9	46	
46		5.5		2.0	5.5	2.0	2.4	5.1	3.2	5.2	4.0	4.8	5.0	48	
48		4.4			4.5			4.2	2.3	4.3	3.2	4.0	4.2	50	
50		3.8			4.1			3.5		3.6	2.4	3.2	3.5	52	
52					3.3			2.9		3.0		2.5	2.7	54	
54					2.8			2.3		2.3			2.3	code	
code	211111	002222	222110	221111	012222	222210	222111	112222	222211	122222	222221	222222	333333	code	
NO.of lines	6	4	5	5	4	4	4	3	4	3	3	3	2	NO.of lines	
Weight	1.4t						1.1t	1.4t	1.1t						Weight

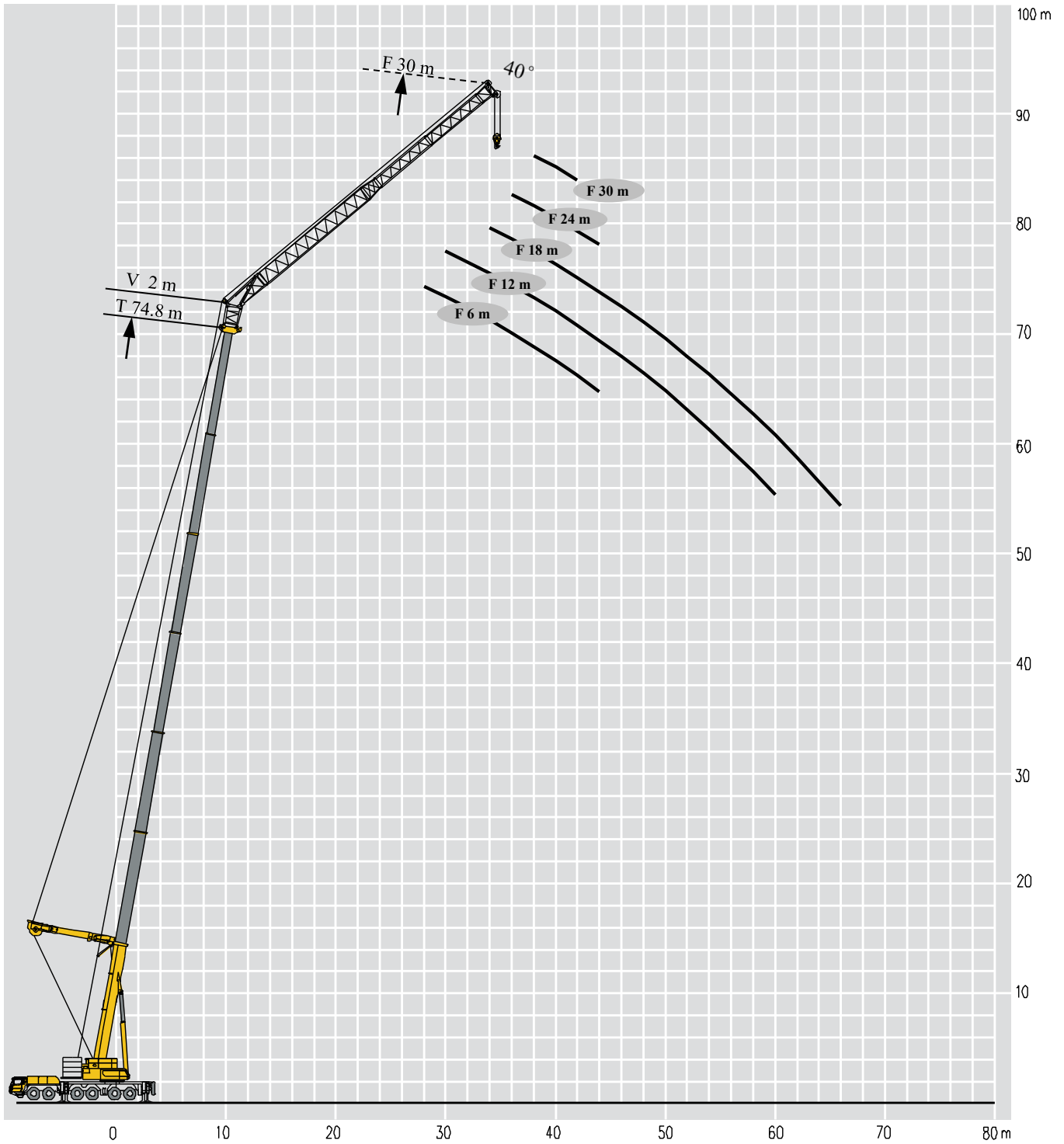
Lifting capacities

T 29.9~80m

										
	29.9 m	29.9 m	29.9 m	34.9 m	34.9 m	34.9 m	39.9 m	39.9 m	39.9 m	
	7	7	7	6	7	7	7	6	7	
	88.0	75.3	78.5	66.0	81.9	79.9	75.0	68.3	74.0	
	63.6	53.5	56.6	59.5	55.0	56.6	65.0	60.4	62.8	
	47.9	35.4	38.3	50.5	41.6	43.0	46.1	42.0	43.5	
	25.4	27.0	30.2	39.6	29.6	31.6	37.0	30.5	32.6	
	22.8	16.2	17.9	24.7	18.9	19.5	23.0	18.0	21.2	
	15.0	8.2	10.0	18.0	10.5	11.2	16.5	12.6	15.0	
	9.8	3.0	5.5	13.5	5.8	8.3	12.0	8.0	10.0	
	6.0			8.9		3.5	8.2	3.9	6.0	
				6.5			5.0		3.0	
				3.9						
code	000210	210000	111000	000022	211000	111100	002210	211100	111110	code
NO.of lines	8	7	7	6	7	7	7	6	7	NO.of lines
Weight	1.9t	1.4t								Weight
	44.9 m	44.9 m	44.9 m	49.9 m	49.9 m	49.9 m	54.9 m	54.9 m	54.9 m	
	8	8	8	8	8	8	8	8	8	
	52.9	63.3	65.0							
	46.3	44.6	45.0	48.7	46.2	50.0				
	40.2	33.0	34.3	39.0	33.0	34.6	35.1	33.8	34.9	
	24.0	20.0	21.9	22.2	20.4	21.1	30.9	21.3	22.3	
	18.5	13.2	14.4	15.0	14.0	14.5	18.1	16.0	16.5	
	14.2	9.0	11.0	11.8	10.0	10.8	14.3	10.5	11.0	
	10.5	6.0	8.2	9.0	6.7	8.0	11.3	7.4	8.4	
	8.6	3.0	5.4	5.8	3.0	4.7	9.0	4.0	5.0	
	6.0			3.0			7.0			
	3.2						4.5			
							3.0			
code	000222	211110	111111	022210	221110	211111	002222	222110	221111	code
NO.of lines	5	6	6	5	5	5	4	4	4	NO.of lines
Weight	1.4t									Weight
	59.8 m	59.8 m	59.8 m	64.8 m	64.8 m	69.8 m	69.8 m	74.8 m	80 m	
	12	12	12	12	12	12	12	12	12	
	26.0	22.5	23.5	27.0	24.0					
	19.1	16.0	16.5	19.5	17.0	18.0	16.7			
	14.0	11.0	11.4	15.0	12.5	14.0	12.5	14.5	14.0	
	11.0	8.5	8.9	10.7	9.0	10.6	10.0	10.2	10.3	
	9.0	5.1	5.6	9.0	6.5	8.8	7.2	8.2	8.0	
	7.0	2.6	3.0	6.2	3.8	6.0	4.5	5.5	5.2	
	5.0			4.2				3.5	3.6	
	3.0			2.5						
code	012222	222210	222111	112222	222211	122222	222221	222222	333333	code
NO.of lines	3	3	3	3	3	2	2	2	2	NO.of lines
Weight	1.1t									Weight


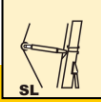
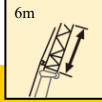
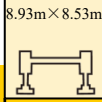

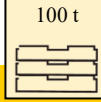



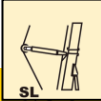
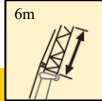
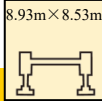

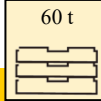




Lifting capacities

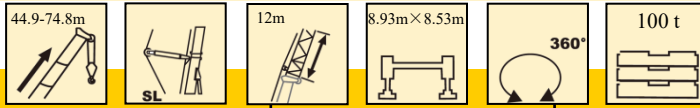
T 64.8~74.8m

	     									
	64.8+2 m			69.8+2 m			74.8+2 m			
	6 m			6 m			6 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
18	26.0			22.0						18
20	25.1	24.5		21.2			15.1			20
22	24.7	23.4		20.5	17.5		14.9			22
24	24.2	21.9	20.2	20.0	17.0	14.3	13.8	12.5		24
26	23.8	21.2	20.0	18.9	15.5	14.0	13.2	12.2	10.8	26
28	23.2	20.5	18.9	17.9	15.2	13.5	12.5	11.3	10.4	28
30	20.5	19.2	18.4	17.0	14.8	13.0	11.9	11.0	10.0	30
32	18.1	19.0	17.9	16.5	14.4	12.2	11.6	10.5	9.8	32
34	16.9	16.4	16.9	15.7	14.0	12.1	11.0	10.3	9.3	34
36	14.2	14.4	15.5	14.9	13.1	11.9	10.5	10.0	9.2	36
38	12.2	12.5	13.9	13.9	12.8	11.7	10.3	9.2	8.6	38
40	10.7	10.7	12.1	12.0	12.2	11.2	10.0	9.1	8.5	40
42	9.4	9.7	10.2	11.0	11.7	11.0	9.6	8.6	8.2	42
44	8.3	8.1	8.5	9.6	10.2	10.6	9.3	8.4	7.8	44
46	7.1	7.2	7.0	8.2	8.7	9.1	8.8	8.1	7.8	46
48	6.0	6.2	6.2	7.0	7.4	8.8	7.9	7.2	7.2	48
50	5.0	5.1	5.2	5.8	6.2	6.6	6.7	7.2	6.3	50
52	4.0	4.0	4.1	4.7	5.1	5.4	5.6	6.1	5.3	52
54	3.0	3.1	3.1	3.7	4.1	4.3	4.6	5.0	5.2	54
56				2.9	3.1	3.3	3.7	4.1	4.2	56
58					2.2	2.4	3.0	3.2	3.2	58
60								2.3	2.5	60
code	222211			222221			222222			code
NO.of lines	3	3	2	2	2	2	2	2	1	NO.of lines
Weight	1.1t								0.46t	Weight

	     									
	64.8+2 m			69.8+2 m			74.8+2 m			
	6 m			6 m			6 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
18	26.0			22.0						18
20	25.1	24.5		21.2			15.1			20
22	24.0	23.4		20.5	17.5		14.9			22
24	22.5	21.9	20.2	19.5	17.0	14.3	13.8	12.5		24
26	18.5	20.5	20.0	18.9	15.5	14.0	13.2	12.2	10.8	26
28	15.5	16.0	17.0	16.0	15.2	13.5	12.5	11.3	10.4	28
30	13.8	14.0	15.5	14.0	14.7	13.0	11.9	11.0	10.0	30
32	11.6	12.5	13.0	12.4	12.5	12.2	11.6	10.5	9.8	32
34	9.6	10.5	11.0	10.5	11.4	11.8	10.8	10.2	9.2	34
36	7.8	8.7	9.2	8.8	9.6	10.2	9.7	9.7	9.1	36
38	6.1	6.9	7.5	7.1	8.0	8.5	8.2	9.0	8.5	38
40	4.6	5.4	5.9	5.6	6.4	6.9	6.7	7.4	7.9	40
42	3.2	4.0	4.4	4.3	5.0	5.5	5.3	6.0	6.5	42
44	2.1	2.7	3.1	3.1	3.7	4.1	4.1	4.7	5.2	44
46		2.0	2.0	2.0	2.6	2.9	3.0	3.6	3.9	46
48				2.0	2.0	2.0	2.0	2.5	2.9	48
50								2.0	2.0	50
code	222211			222221			222222			code
NO.of lines	3	3	2	2	2	2	2	2	1	NO.of lines
Weight	1.1t								0.46t	Weight

Lifting capacities

T 44.9~74.8m

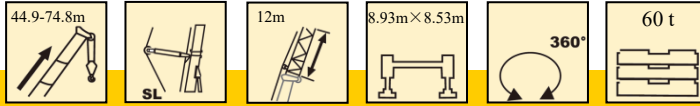


	44.9+2 m			49.9+2 m			54.9+2 m			59.8+2 m			
	12 m			12 m			12 m			12 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	39.9												12
13	37.0			33.7			31.8						13
14	36.0			31.7			30.4						14
16	32.0	22.2		29.2	19.8		28.0			26.5			16
18	28.7	21.2	12.5	26.0	18.8		25.2	18.5		25.0			18
20	26.5	20.2	12.3	25.0	17.5	12.2	24.3	18.0		24.0	17.0		20
22	25.0	19.3	12.3	22.7	16.8	12.0	23.0	17.2	12.0	22.0	17.0		22
24	23.2	18.3	12.3	21.5	16.0	11.8	21.2	17.0	12.0	21.2	16.0	12.0	24
26	22.0	17.7	11.6	21.0	15.0	11.8	20.5	16.0	11.7	20.5	15.6	11.8	26
28	19.6	17.0	11.6	19.7	14.5	11.6	19.3	15.4	11.3	19.5	15.0	11.6	28
30	19.0	16.5	11.5	18.9	14.3	11.1	18.3	15.0	11.3	18.5	14.6	10.9	30
32	16.6	16.0	11.1	17.3	14.0	11.1	17.3	14.5	10.9	17.5	14.0	10.9	32
34	15.3	15.5	11.0	16.5	13.8	10.9	16.2	13.9	10.9	16.1	13.2	10.5	34
36	13.5	15.0	10.9	14.2	13.4	10.8	14.2	13.3	10.7	14.5	13.0	10.5	36
38	11.6	14.1	10.8	12.6	12.7	10.7	12.9	13.0	10.7	13.0	12.5	10.4	38
40	9.8	12.2	10.7	11.0	11.2	10.5	11.4	12.5	10.6	11.3	11.4	10.4	40
42	8.1	10.3	10.0	9.5	10.7	10.5	9.6	10.9	10.4	10.0	10.1	10.2	42
44	6.9	8.6	7.0	8.0	9.2	9.9	8.1	9.0	10.0	8.3	8.4	10.1	44
46	5.1	7.0		6.9	7.6	8.3	6.9	7.5	8.5	7.1	7.2	9.3	46
48	3.8	5.5		5.2	6.2	6.8	5.4	6.0	7.0	5.7	5.9	7.9	48
50		4.0		4.0	4.9	5.3	4.2	5.0	5.7	4.8	4.8	6.5	50
52				3.0	3.7		3.0	3.9	4.5	3.8	3.8	5.2	52
54					2.5			2.9		2.6	2.6	4.0	54
56											2.5		56
code	211110			211111			221111			222111			code
NO.of lines	4	2	2	3	2	2	3	2	2	3	2	2	NO.of lines
Weight	1.4t			1.1t									Weight

	64.8+2 m			69.8+2 m			74.8+2 m						
	12 m			12 m			12 m						
	0°	20°	40°	0°	20°	40°	0°	20°	40°				
16	23.5											16	
18	22.4			16.8								18	
20	21.2			16.2					12.5			20	
22	20.5	15.4		14.9					11.3			22	
24	19.6	15.0		14.0	11.3				11.0			24	
26	19.0	14.5	11.8	13.0	10.5				10.5	8.0		26	
28	18.1	14.0	11.3	12.8	10.2	8.8			9.4	8.0		28	
30	17.2	13.5	11.0	11.9	9.6	8.6			9.2	7.3	6.5	30	
32	16.2	13.1	10.8	11.5	9.6	8.3			8.8	7.1	5.8	32	
34	15.2	12.0	10.4	11.2	9.4	8.1			8.3	6.7	5.8	34	
36	14.3	12.0	10.3	10.5	8.7	7.8			7.9	6.5	5.4	36	
38	13.3	11.8	10.2	10.2	8.4	7.6			7.4	6.0	5.4	38	
40	12.3	11.2	9.9	9.8	8.2	7.0			7.2	6.0	5.0	40	
42	10.0	11.0	9.8	9.0	7.7	7.0			6.9	5.3	4.8	42	
44	8.5	10.5	9.7	9.0	7.5	6.6			6.2	5.3	4.8	44	
46	7.9	9.0	9.3	8.5	7.3	6.5			6.0	5.0	4.5	46	
48	6.5	7.5	8.7	7.5	6.7	6.5			5.9	5.0	4.3	48	
50	5.3	6.1	7.3	6.3	6.5	6.1			5.4	4.5	4.2	50	
52	4.1	5.0	6.0	5.3	6.0	6.0			5.2	4.5	4.1	52	
54	3.2	4.0	4.9	4.3	5.0	5.8			5.0	4.3	3.9	54	
56	2.3	3.1	3.8	3.4	4.0	4.7			4.2	4.2	3.8	56	
58		2.4		2.5	3.2	3.7			3.4	4.0	3.5	58	
60					2.4				2.6	3.0	3.5	60	
62										2.5		62	
code	222211			222221			222222			code			
NO.of lines	3	2	2	2	1	1	1	1	1	1	1	NO.of lines	
Weight	1.1t			0.46t									Weight

Lifting capacities

T 44.9~74.8m

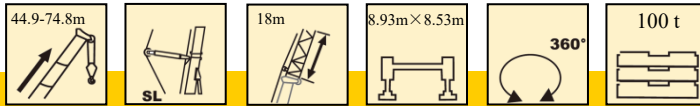


	44.9+2 m			49.9+2 m			54.9+2 m			59.8+2 m			
	12 m			12 m			12 m			12 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	39.9												12
13	37.0			33.7			31.8						13
14	36.0			31.7			30.4						14
16	32.0	22.2		29.2	19.8		28.0			26.5			16
18	28.7	21.2	12.5	26.0	18.8		25.2	18.5		25.0			18
20	26.5	20.2	12.3	25.0	17.5	12.2	24.3	18.0		24.0	17.0		20
22	24.8	19.3	12.3	22.7	16.8	12.0	23.0	17.2	12.0	22.0	17.0		22
24	21.0	18.3	12.3	21.2	16.0	11.8	21.2	17.0	12.0	20.0	16.0	12.0	24
26	17.6	17.7	11.6	19.0	15.0	11.8	18.2	16.0	11.7	18.0	15.6	11.8	26
28	14.5	16.9	11.6	16.2	14.5	11.6	15.3	15.4	11.3	15.3	15.0	11.6	28
30	12.0	15.7	11.5	13.3	14.3	11.1	13.4	14.0	11.3	13.0	13.5	10.9	30
32	9.7	13.0	11.0	11.2	13.2	11.1	11.2	12.7	10.9	11.4	13.1	10.9	32
34	7.7	10.5	11.0	9.2	11.1	10.8	9.2	11.0	10.7	9.7	11.3	10.5	34
36	5.8	8.5	8.9	7.3	9.0	10.2	7.4	9.2	10.4	7.9	9.6	10.3	36
38	4.1	6.6	6.9	5.6	7.2	8.4	5.7	7.4	8.7	6.2	7.9	9.1	38
40	2.5	5.0	5.0	4.1	5.6	6.6	4.2	5.8	6.9	4.7	6.3	7.4	40
42		3.4	3.3	2.7	4.1	5.0	2.8	4.3	5.3	3.3	4.8	5.9	42
44				2.0	2.7	3.5	2.0	2.9	3.8	2.1	3.5	4.4	44
46					2.0	2.1		2.0	2.5		2.3	3.1	46
48												2.0	48
code	211110			211111			221111			222111			code
NO.of lines	4	2	2	3	2	2	3	2	2	3	2	2	NO.of lines
Weight	1.4t			1.1t									Weight

	64.8+2 m			69.8+2 m			74.8+2 m			
	12 m			12 m			12 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16	23.5									16
18	22.4			16.8						18
20	21.2			16.2			12.5			20
22	20.5	15.4		14.9			11.3			22
24	19.6	15.0		14.0	11.3		11.0			24
26	18.7	14.5	11.8	13.0	10.5		10.5	8.0		26
28	16.0	14.0	11.3	12.8	10.2	8.8	9.4	8.0		28
30	14.0	13.5	11.0	11.9	9.6	8.6	9.2	7.3	6.5	30
32	12.0	13.1	10.8	11.4	9.6	8.3	8.8	7.1	5.8	32
34	10.2	11.4	10.4	11.0	9.4	8.1	8.3	6.7	5.8	34
36	8.6	10.2	10.2	9.4	8.7	7.8	7.9	6.5	5.4	36
38	7.0	8.6	9.8	7.8	8.4	7.6	7.3	6.0	5.4	38
40	5.5	7.0	8.2	6.3	7.9	7.0	7.1	5.9	4.9	40
42	4.1	5.6	6.6	5.0	6.4	7.0	5.8	5.2	4.7	42
44	2.9	4.2	5.2	3.7	5.1	6.0	4.6	5.2	4.7	44
46	2.0	3.0	3.9	2.6	3.9	4.8	3.5	4.7	4.4	46
48		2.0	2.7	2.0	2.8	3.6	2.5	3.6	4.2	48
50			2.0		2.0	2.5	2.0	2.6	3.3	50
52						2.0		2.0	2.4	52
54									2.0	54
code	222211			222221			222222			code
NO.of lines	3	2	2	2	1	1	1	1	1	NO.of lines
Weight	1.1t			0.46t						Weight

Lifting capacities

T 44.9~74.8m

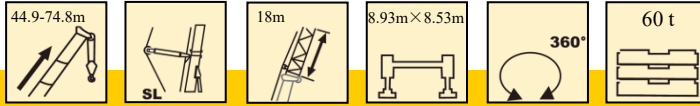


	44.9+2 m			49.9+2 m			54.9+2 m			59.8+2 m			
	18 m			18 m			18 m			18 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
13	28.4			26.0									13
14	27.0			25.6			24.4						14
16	25.1			23.0			23.0			21.5			16
18	22.2	14.5		21.1			21.0			20.8			18
20	21.0	13.5		19.8	13.3		20.3			19.0			20
22	19.4	13.3		19.2	13.0		18.8	12.2		18.0			22
24	18.2	12.3	8.1	18.0	12.5	8.0	17.8	12.0		17.0	11.5		24
26	16.9	12.0	7.8	16.5	12.0	7.8	16.5	11.5	7.6	16.0	10.5		26
28	16.0	11.5	7.5	16.0	11.5	7.4	15.5	10.7	7.6	15.5	10.5	7.2	28
30	14.9	11.0	7.2	15.1	10.7	7.4	14.5	10.6	7.2	14.2	10.0	7.0	30
32	14.1	10.5	7.1	14.6	10.7	6.9	13.8	10.1	7.1	13.9	9.8	7.0	32
34	13.7	10.5	7.0	13.5	10.0	6.9	13.8	9.8	6.8	13.0	9.6	7.0	34
36	12.7	9.7	6.8	13.1	9.8	6.6	12.5	9.8	6.8	12.5	9.6	6.9	36
38	12.1	9.5	6.8	12.5	9.7	6.6	12.0	9.3	6.5	12.0	8.9	6.5	38
40	11.2	9.2	6.5	12.1	9.2	6.6	11.6	9.0	6.5	11.1	8.7	6.5	40
42	9.6	8.8	6.5	10.6	8.9	6.5	10.7	8.8	6.5	10.8	8.4	6.4	42
44	8.0	8.6	6.3	9.0	8.7	6.5	9.1	8.5	6.4	9.5	7.9	6.4	44
46	6.6	8.3	5.3	7.7	8.4	6.5	7.7	8.1	6.4	8.1	7.9	6.3	46
48	5.3	6.8	4.3	6.4	8.0	6.4	6.4	7.8	6.4	6.8	7.5	6.3	48
50	4.1	5.4	3.3	5.1	6.6	6.0	5.2	6.8	6.0	5.5	7.3	6.3	50
52	3.0	4.2		4.1	5.5	5.1	4.2	5.5	5.1	4.5	6.1	6.0	52
54		3.0		3.1	4.4		3.2	4.5		3.5	4.9	4.5	54
56					3.3			3.5		2.6	3.9	4.0	56
58					2.3			2.5			2.9	3.0	58
code	211110			211111			221111			222111			code
NO.of lines	3	2	1	3	2	1	3	2	1	2	1	1	NO.of lines
Weight	1.1t		0.46t	1.1t		0.46t	1.1t		0.46t	1.1t		0.46t	Weight

	64.8+2 m			69.8+2 m			74.8+2 m			
	18 m			18 m			18 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
18	18.5									18
20	17.5			13.0			9.9			20
22	17.2			11.5			8.7			22
24	16.0			11.0			8.4			24
26	15.0	10.0		10.9			7.7			26
28	14.3	10.0		9.9	7.5		7.4	6.4		28
30	13.2	9.6	7.1	9.8	7.0		6.8	5.6		30
32	13.0	9.6	7.1	9.0	6.7	6.0	6.8	5.6		32
34	12.2	9.0	6.9	8.0	6.4	5.5	6.2	5.1	4.6	34
36	11.8	8.7	6.8	8.0	5.7	5.5	6.0	5.1	4.5	36
38	10.6	8.5	6.4	7.5	5.7	5.3	5.6	4.6	4.3	38
40	10.6	8.2	6.4	7.4	5.3	5.1	5.0	4.5	4.2	40
42	10.0	7.6	6.4	6.9	5.3	5.0	4.8	4.5	4.0	42
44	10.0	7.6	6.4	6.6	5.0	4.9	4.7	4.0	3.8	44
46	8.7	7.2	6.0	6.4	5.0	4.8	4.6	4.0	3.7	46
48	7.4	7.2	6.0	5.9	4.7	4.7	4.0	3.8	3.6	48
50	6.2	6.8	6.0	5.9	4.7	4.3	4.0	3.7	3.2	50
52	5.1	6.6	6.0	5.2	4.4	4.2	3.7	3.6	3.2	52
54	4.1	5.6	4.5	4.9	4.3	4.1	3.5	3.5	3.0	54
56	3.2	4.5	4.0	3.9	4.1	3.8	3.5	3.3	2.8	56
58	2.4	3.6	3.8	3.1	4.0	3.7	3.3	2.9	2.8	58
60		2.7		2.3	3.5	3.6	3.2	2.8	2.6	60
62					2.6		2.4	2.7	2.6	62
64								2.6	2.5	64
66								2.4		66
code	222211			222221			222222			code
NO.of lines	2	1	1	2	1	1	1	1	1	NO.of lines
Weight	1.1t		0.46t	1.1t		0.46t			Weight	

Lifting capacities

T 44.9~74.8m

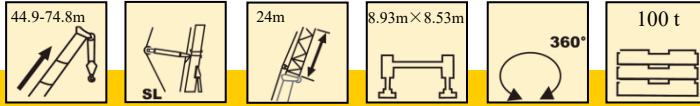


	44.9+2 m			49.9+2 m			54.9+2 m			59.8+2 m			
	18 m			18 m			18 m			18 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
13	28.4			26.0									13
14	27.0			25.6			24.4						14
16	25.1			23.0			23.0			21.5			16
18	22.2	14.5		21.1			21.0			20.8			18
20	21.0	13.5		19.8	13.3		20.3			19.0			20
22	19.4	13.3		19.2	13.0		18.8	12.2		18.0			22
24	18.2	12.3	8.1	18.0	12.5	8.0	17.8	12.0		17.0	11.5		24
26	16.7	12.0	7.8	16.2	12.0	7.8	16.5	11.5	7.6	16.0	10.5		26
28	15.8	11.5	7.5	15.8	11.5	7.4	14.9	10.7	7.6	14.8	10.5	7.2	28
30	13.3	11.0	7.2	14.1	10.7	7.4	13.9	10.6	7.2	13.4	10.0	7.0	30
32	11.0	10.3	7.1	12.0	10.5	6.9	12.0	10.1	7.1	12.2	9.8	7.0	32
34	9.1	10.3	7.0	10.2	9.9	6.9	10.1	9.8	6.8	10.4	9.5	7.0	34
36	7.2	9.6	6.7	8.5	9.7	6.6	8.4	9.8	6.8	8.8	9.5	6.9	36
38	5.5	8.1	6.7	6.8	9.2	6.5	6.8	9.2	6.5	7.1	8.9	6.5	38
40	4.1	6.3	6.5	5.3	7.6	6.5	5.3	7.6	6.4	5.6	8.0	6.4	40
42	2.6	4.7	6.3	3.9	6.0	6.5	3.9	6.1	6.4	4.3	6.5	6.4	42
44	2.0	3.3	4.7	2.7	4.6	6.0	2.7	4.7	6.2	3.0	5.1	6.3	44
46		2.0	3.2	2.0	3.4	4.6	2.0	3.4	4.8	2.0	3.8	5.2	46
48			2.0		2.2	3.3		2.3	3.5		2.7	4.0	48
50						2.0			2.3		2.0	2.8	50
52											2.0	2.0	52
code	211110			211111			221111			222111			code
NO.of lines	3	2	1	3	2	1	3	2	1	2	1	1	NO.of lines
Weight	1.1t		0.46t	1.1t			1.1t			1.1t	0.46t		Weight

	64.8+2 m			69.8+2 m			74.8+2 m			
	18 m			18 m			18 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
18	18.5									18
20	17.5			13.0			9.9			20
22	17.2			11.5			8.7			22
24	16.0			11.0			8.4			24
26	15.0	10.0		10.9			7.7			26
28	14.3	10.0		9.9	7.5		7.4	6.4		28
30	13.2	9.6	7.1	9.8	7.0		6.8	5.6		30
32	12.5	9.6	7.1	9.0	6.7	6.0	6.8	5.6		32
34	11.0	9.0	6.9	8.0	6.4	5.5	6.2	5.1	4.6	34
36	9.3	8.7	6.8	8.0	5.7	5.5	6.0	5.1	4.5	36
38	7.7	8.5	6.4	7.5	5.7	5.3	5.6	4.6	4.3	38
40	6.2	8.2	6.4	6.9	5.3	5.1	4.9	4.5	4.2	40
42	4.9	7.0	6.3	5.6	5.3	5.0	4.7	4.4	3.9	42
44	3.6	5.7	6.3	4.4	5.0	4.9	4.5	3.9	3.7	44
46	2.5	4.4	5.8	3.2	5.0	4.7	4.0	3.8	3.6	46
48	2.0	3.3	4.6	2.2	4.0	4.5	3.0	3.6	3.5	48
50		2.2	3.4	2.0	2.9	4.1	2.0	3.5	3.0	50
52		2.0	2.4		2.0	3.6	2.0	3.4	2.8	52
54			2.0			2.6		2.3	2.6	54
56									2.4	56
code	222211			222221			222222			code
NO.of lines	2	1	1	2	1	1	1	1	1	NO.of lines
Weight	1.1t	0.46t		1.1t			0.46t			Weight

Lifting capacities

T 44.9~74.8m

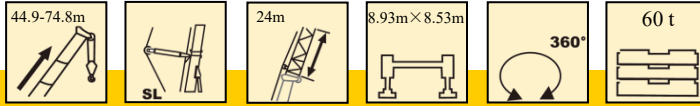


	44.9+2 m			49.9+2 m			54.9+2 m			59.8+2 m				
	24 m			24 m			24 m			24 m				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
14													14	
16	20.0			19.0									16	
18	19.0			18.2									18	
20	17.0	11.6		17.2							15.0		20	
22	15.5	11.1		16.0	10.0						14.8		22	
24	14.5	10.8		14.7	9.5						13.6		24	
26	13.5	10.2		14.0	9.0						13.0	8.2	26	
28	13.0	9.5	5.4	13.3	9.0	5.4					12.0	8.4	28	
30	12.1	9.5	5.0	12.0	8.1	4.9					11.5	7.6	30	
32	11.1	8.8	4.9	11.7	7.8	4.8					11.0	7.3	32	
34	10.5	8.6	4.7	10.8	7.6	4.7					10.5	7.1	34	
36	10.2	8.3	4.6	10.3	7.3	4.5					9.2	6.5	36	
38	9.7	8.0	4.6	9.8	7.1	4.3					9.0	6.4	38	
40	9.2	7.8	4.3	9.0	6.8	4.3					8.5	6.1	40	
42	8.5	7.5	4.3	8.9	6.5	4.1					8.3	6.1	42	
44	8.1	7.3	4.1	8.1	6.1	4.1					8.3	5.7	44	
46	7.6	6.9	4.1	7.8	5.9	4.0					7.7	5.6	46	
48	6.5	6.9	4.1	7.5	5.9	4.0					7.4	5.5	48	
50	5.3	6.5	4.0	6.3	5.6	4.0					6.5	5.5	50	
52	4.2	6.4	4.0	5.2	5.4	4.0					5.4	5.1	52	
54	3.2	5.9	4.0	4.3	5.3	4.0					4.4	4.9	54	
56		4.8	3.9	3.3	4.9	4.0					3.4	4.5	56	
58		3.7	3.9	2.5	3.9	4.0					2.7	4.3	58	
60					2.9	4.0						3.3	3.7	60
62												2.5	3.4	62
64												2.5	2.5	64
code	211110			211111			221111			222111			code	
NO.of lines	2	1	1	2	1	1	2	1	1	2	1	1	NO.of lines	
Weight	1.1t	0.46t		1.1t	0.46t		1.1t	0.46t		1.1t	0.46t		Weight	

	64.8+2 m			69.8+2 m			74.8+2 m			
	24 m			24 m			24 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
20	14.0			10.2						20
22	13.0			9.7					6.3	22
24	12.2			8.7					6.0	24
26	11.8			8.3					6.0	26
28	11.5	7.4		7.3					5.4	28
30	11.2	7.2		7.3	5.0				5.3	30
32	10.0	6.5		6.6	4.4				4.5	32
34	9.7	6.5	4.7	6.6	4.3	3.4			4.3	34
36	8.8	6.5	4.3	6.0	4.2	3.3			4.2	36
38	8.8	5.8	4.2	5.5	3.8	3.2			4.0	38
40	8.7	5.7	4.2	5.5	3.7	3.0			3.5	40
42	7.8	5.7	4.0	5.0	3.6	2.9			3.5	42
44	7.5	5.3	4.0	4.8	3.4	2.8			3.2	44
46	7.3	5.2	3.9	4.8	3.3	2.1			3.2	46
48	7.0	5.1	3.9	4.4	3.2	2.1			2.8	48
50	6.3	4.9	3.9	4.0	3.1	2.1			2.7	50
52	5.9	4.8	3.8	4.0	3.0	2.1			2.6	52
54	4.9	4.7	3.8	3.6	2.9	2.0			2.5	54
56	4.0	4.6	3.8	3.6	2.7	2.0			2.3	56
58	3.2	4.5	3.6	3.4	2.2	2.0			2.1	58
60	2.4	4.0	3.6	3.0	2.2	2.0			2.0	60
62		3.0	3.4	2.1	2.2	2.0			2.0	62
64		2.2	3.1		2.0	2.0			2.0	64
66			2.3		2.0	2.0			2.0	66
68					2.0	2.0			2.0	68
code	222211			222221			222222			code
NO.of lines	2	1	1	1	1	1	1	1	1	NO.of lines
Weight	1.1t			0.46t						Weight

Lifting capacities

T 44.9~74.8m

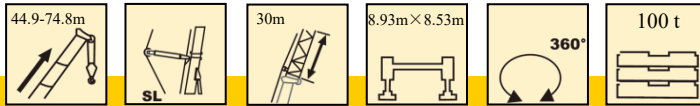


	44.9+2 m			49.9+2 m			54.9+2 m			59.8+2 m			
	24 m			24 m			24 m			24 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16	20.0			19.0									16
18	19.0			18.2			17.6						18
20	17.0	11.6		17.2			16.3			15.0			20
22	15.5	11.1		16.0	10.0		15.1			14.8			22
24	14.5	10.8		14.7	9.5		14.4	9.3		13.6			24
26	13.5	10.2		14.0	9.0		13.6	8.6		13.0	8.2		26
28	13.0	9.5	5.4	13.3	9.0	5.4	12.0	8.6		12.0	8.4		28
30	12.0	9.5	5.0	12.0	8.1	4.9	11.5	8.0	5.1	11.5	7.6		30
32	10.9	8.8	4.9	11.3	7.8	4.8	11.1	7.7	5.0	11.0	7.3	4.8	32
34	10.1	8.6	4.7	10.5	7.6	4.7	10.5	7.4	4.7	10.4	7.1	4.4	34
36	8.6	8.1	4.6	9.5	7.3	4.5	9.2	7.1	4.6	9.1	6.5	4.3	36
38	6.9	7.8	4.6	7.9	7.0	4.3	7.7	6.9	4.2	7.9	6.4	4.2	38
40	5.4	7.6	4.3	6.3	6.6	4.3	6.2	6.3	4.2	6.4	6.1	4.1	40
42	4.0	7.3	4.3	5.0	6.3	4.0	4.9	6.3	4.1	5.1	6.1	3.9	42
44	2.8	6.4	4.0	3.8	6.1	4.0	3.6	6.0	4.1	3.9	5.5	3.8	44
46	2.0	5.0	4.0	2.6	5.0	4.0	2.5	5.0	3.9	2.7	5.3	3.8	46
48		3.8	4.0	2.0	3.8	3.9	2.0	3.8	3.9	2.0	4.1	3.7	48
50		2.5	2.2		2.7	3.9		2.7	3.9		3.0	3.7	50
52			2.0		2.0	3.1		2.0	3.2		2.0	3.6	52
54						2.0			2.1			2.5	54
56												2.0	56
code	211110			211111			221111			222111			code
NO.of lines	2	1	1	2	1	1	2	1	1	2	1	1	NO.of lines
Weight	1.1t	0.46t		1.1t	0.46t		1.1t	0.46t		1.1t	0.46t		Weight

	64.8+2 m			69.8+2 m			74.8+2 m				
	24 m			24 m			24 m				
	0°	20°	40°	0°	20°	40°	0°	20°	40°		
20	14.0			10.2						20	
22	13.0			9.7			6.3			22	
24	12.2			8.7			6.0			24	
26	11.8			8.3			6.0			26	
28	11.5	7.4		7.3			5.4			28	
30	11.2	7.2		7.3	5.0		5.3	4.8		30	
32	10.0	6.5		6.6	4.4		4.5	4.2		32	
34	9.6	6.5	4.7	6.6	4.3	3.4	4.3	4.2		34	
36	8.6	6.5	4.3	6.0	4.2	3.3	4.2	3.9	2.4	36	
38	8.3	5.8	4.2	5.5	3.8	3.2	3.9	3.7	2.1	38	
40	6.8	5.7	4.2	5.4	3.6	3.0	3.1	3.5	2.0	40	
42	5.6	5.6	4.0	4.9	3.5	2.9	3.1	3.3	2.0	42	
44	4.3	5.2	3.9	4.7	3.3	2.8	2.9	3.1		44	
46	3.2	5.1	3.8	3.7	3.2	2.1	2.9	3.0		46	
48	2.2	4.6	3.8	2.7	3.1	2.0	2.6	2.4		48	
50		3.5	3.8	2.0	2.9	2.0	2.5	2.3		50	
52		2.5	3.7		2.9	2.0	2.0	2.2		52	
54		2.0	3.1		2.2	2.0		2.2		54	
56			2.1			2.0				56	
58						2.0				58	
code	222211			222221			222222			code	
NO.of lines	2	1	1	1	1	1	1	1	1	NO.of lines	
Weight	1.1t	0.46t									Weight

Lifting capacities

T 44.9~74.8m

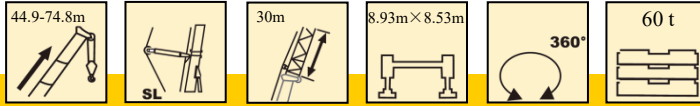


	44.9+2 m			49.9+2 m			54.9+2 m			59.8+2 m			
	30 m			30 m			30 m			30 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
18	15.0												18
20	14.0			13.8									20
22	13.0			13.0			12.0			11.5			22
24	12.0	8.5		12.4			12.0			11.0			24
26	11.3	8.3		11.0	7.2		10.9			10.6			26
28	10.2	8.2		10.5	6.9		10.5	6.7		9.8	6.3		28
30	9.9	7.5		10.0	6.7		9.6	6.4		9.4	5.7		30
32	9.4	7.3	3.5	9.6	6.4		9.6	6.2		9.4	5.7		32
34	8.9	7.0	3.4	9.2	6.2	3.5	8.3	5.6	3.6	8.1	5.3		34
36	8.4	6.8	3.3	8.0	5.9	3.3	8.3	5.6	3.4	8.0	5.3	3.4	36
38	7.6	6.5	3.2	8.0	5.4	3.3	8.1	5.2	3.0	7.4	4.9	2.9	38
40	7.3	6.3	3.1	7.1	5.4	3.0	7.3	5.2	3.0	7.2	4.7	2.9	40
42	6.7	5.8	2.8	7.0	5.0	3.0	7.0	4.8	3.0	7.1	4.5	2.7	42
44	6.6	5.8	2.8	7.0	4.8	2.8	6.9	4.7	2.8	6.6	4.4	2.7	44
46	6.6	5.4	2.6	6.5	4.8	2.8	6.4	4.5	2.8	5.9	4.3	2.6	46
48	6.0	5.4	2.6	6.2	4.5	2.7	5.8	4.4	2.7	5.9	4.2	2.6	48
50	5.5	5.3	2.5	6.0	4.3	2.7	5.8	4.3	2.7	5.9	4.1	2.5	50
52	5.2	5.0	2.5	5.4	4.2	2.7	5.8	4.1	2.7	5.2	4.0	2.5	52
54	4.3	4.9	2.5	5.4	4.1	2.7	5.1	4.0	2.6	5.2	3.9	2.5	54
56	3.3	4.6	2.5	4.3	3.7	2.6	4.2	3.9	2.6	4.3	3.7	2.5	56
58	2.5	4.6	2.5	3.4	3.7	2.5	3.3	3.4	2.6	3.5	3.4	2.5	58
60		4.5	2.5	2.6	3.6	2.5	2.5	3.4	2.6	2.7	3.4	2.5	60
62		3.5	2.5		3.6	2.5		3.2	2.6		3.0	2.5	62
64			2.5		2.8	2.5		2.7	2.6		3.0	2.5	64
66			2.4			2.4			2.5		2.2	2.5	66
68						2.3			2.5		2.4	2.4	68
code	211110			211111			221111			222111			code
NO.of lines	2	1	1	2	1	1	1	1	1	1	1	1	NO.of lines
Weight	1.1t	0.46t		1.1t	0.46t			0.46t			0.46t		Weight

	64.8+2 m			69.8+2 m			74.8+2 m			
	30 m			30 m			30 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
24	10.0			7.5			5.2			24
26	9.9			6.3			5.0			26
28	9.2			6.3			4.1			28
30	8.8	6.1		5.8			4.0			30
32	7.8	6.1		5.5	4.5		3.8	3.0		32
34	7.7	5.6		5.2	4.2		3.7	3.0		34
36	7.2	5.5	3.4	5.0	3.8		2.9	2.2		36
38	7.0	5.5	3.0	4.4	3.7	2.2	2.8	2.2		38
40	6.7	5.0	2.9	4.4	3.5	2.2	2.1	2.1		40
42	6.5	4.9	2.8	3.6	3.4	2.1	2.1	2.0		42
44	6.2	4.8	2.5	3.6	3.3	2.0	2.0			44
46	6.0	4.7	2.5	3.3	3.1	2.0	2.0			46
48	5.1	4.6	2.4	3.1	2.8	2.0	2.0			48
50	5.1	4.5	2.4	3.0	2.7	2.0				50
52	4.7	4.3	2.4	3.0	2.4					52
54	4.6	3.6	2.4	2.9						54
56	4.6	3.6	2.3	2.7						56
58	3.8	3.6	2.3	2.6						58
60	3.0	3.6	2.2	2.5						60
62	2.3	3.5	2.2	2.0						62
64		3.5	2.1							64
66		3.1	2.1							66
68		3.1	2.1							68
70		3.0								70
72		2.8								72
code	222211			222221			222222			code
NO.of lines	1	1	1	1	1	1	1	1		NO.of lines
Weight	0.46t									Weight

Lifting capacities

T 44.9~74.8m

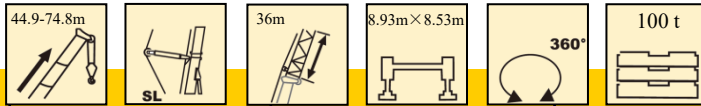


	44.9+2 m			49.9+2 m			54.9+2 m			59.8+2 m			
	30 m			30 m			30 m			30 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
18	15.0												18
20	14.0			13.8									20
22	13.0			13.0			12.0			11.5			22
24	12.0	8.5		12.4			12.0			11.0			24
26	11.3	8.2		11.0	7.2		10.9			10.6			26
28	10.2	8.2		10.5	6.9		10.5	6.7		9.8	6.3		28
30	9.9	7.5		10.0	6.7		9.6	6.4		9.4	5.7		30
32	9.3	7.3	3.5	9.6	6.4	3.9	9.6	6.2		9.4	5.7		32
34	8.8	6.9	3.4	9.2	6.2	3.5	8.3	5.6	3.6	7.9	5.3		34
36	8.3	6.7	3.3	8.0	5.9	3.3	8.1	5.6	3.4	7.8	5.3	3.4	36
38	6.5	6.4	3.2	7.8	5.4	3.3	7.9	5.2	3.0	7.2	4.9	2.9	38
40	6.4	6.2	3.1	7.1	5.3	3.0	7.0	5.2	3.0	7.0	4.7	2.9	40
42	5.0	5.7	2.8	5.9	4.8	3.0	5.6	4.7	3.0	5.8	4.4	2.7	42
44	3.8	5.5	2.8	4.6	4.6	2.7	4.4	4.5	2.7	4.6	4.3	2.7	44
46	2.7	5.1	2.6	3.5	4.6	2.7	3.3	4.3	2.7	3.4	4.2	2.5	46
48	2.0	4.9	2.6	2.5	4.3	2.6	2.3	4.2	2.6	2.4	4.0	2.5	48
50		4.0	2.5	2.0	4.1	2.6	2.0	4.1	2.5	2.0	3.9	2.4	50
52		3.0	2.5		3.1	2.5		3.0	2.5		3.2	2.4	52
54			2.5		2.2	2.5		2.1	2.4		2.3	2.4	54
56			2.0		2.0	2.4			2.4		2.0	2.4	56
58						2.0						2.3	58
60												2.0	60
code	211110			211111			221111			222111			code
NO.of lines	2	1	1	2	1	1	1	1	1	1	1	1	NO.of lines
Weight	1.1t	0.46t		1.1t	0.46t			0.46t			0.46t		Weight

	64.8+2 m			69.8+2 m			74.8+2 m			
	30 m			30 m			30 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
24	10.0			7.5			5.2			24
26	9.9			6.3			5.0			26
28	9.2			6.3			4.1			28
30	8.8	6.1		5.8			4.0			30
32	7.8	6.1		5.5	4.5		3.8	3.0		32
34	7.7	5.6		5.2	4.2		3.7	2.8		34
36	7.1	5.5	3.4	5.0	3.8		2.9	2.1		36
38	6.9	5.3	3.0	4.4	3.7	2.2	2.8	2.1		38
40	6.6	4.8	2.9	4.4	3.4	2.2	2.1	2.0		40
42	6.1	4.7	2.8	3.6	3.3	2.1	2.0	2.0		42
44	4.9	4.6	2.5	3.5	3.1	2.0	2.0	2.0		44
46	3.8	4.5	2.5	3.3	2.9	2.0	2.0			46
48	2.8	4.4	2.4	3.2	2.5	2.0				48
50	2.0	4.3	2.4	2.4	2.5	2.0				50
52		4.0	2.3	2.0	2.2					52
54		3.5	2.3							54
56		2.6	2.3							56
58			2.3							58
60			2.0							60
code	222211			222221			222222			code
NO.of lines	1	1	1	1	1	1	1	1	1	NO.of lines
Weight	0.46t									Weight

Lifting capacities

T 44.9~74.8m

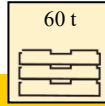
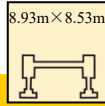
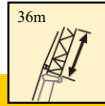
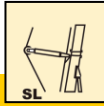


	44.9+2 m												49.9+2 m			54.9+2 m			59.8+2 m			
	36 m			36 m			36 m			36 m			36 m									
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°							
18	14.0															18						
20	12.4				11.6											20						
22	11.8				10.6				10.3				10.0			22						
24	11.0				10.6				9.8				9.6			24						
26	9.5				9.5				9.4				8.5			26						
28	9.0	5.7			9.0				8.3				8.0			28						
30	8.5	5.3			8.1	4.9			8.0				7.1			30						
32	8.0	5.0			7.7	4.9			7.6	4.9			7.1			32						
34	7.2	4.5			7.3	4.2			6.7	4.8			6.5	4.6		34						
36	6.8	4.5			6.6	4.1			6.7	4.8			6.3	4.5		36						
38	6.2	4.4			6.6	4.1			6.1	4.5			6.0	4.5		38						
40	6.2	3.9	2.2		5.9	3.7	2.2		5.8	4.3			5.7	4.2		40						
42	5.6	3.7	2.0		5.7	3.6	2.1		5.6	4.2	2.2		5.5	4.2	2.1	42						
44	5.3	3.7	2.0		5.4	3.4	2.1		4.9	4.1	2.2		5.3	4.0	2.1	44						
46	5.0	3.3	2.0		5.2	3.3	2.0		4.9	3.9	2.1		4.5	3.8	2.0	46						
48	4.8	3.2	2.0		4.5	3.2	2.0		4.8	3.7	2.0		4.4	3.6	2.0	48						
50	4.6	3.1	2.0		4.5	3.1	2.0		4.3	3.6	2.0		4.1	3.5	2.0	50						
52	4.3	2.9	2.0		4.5	2.9	2.0		4.2	3.2	2.0		4.1	3.2	2.0	52						
54	3.9	2.8	2.0		3.9	2.9	2.0		3.9	3.2	2.0		3.8	3.0	2.0	54						
56	3.8	2.7	2.0		3.8	2.4	2.0		3.8	3.1	2.0		3.6	3.0	2.0	56						
58	3.4	2.4	2.0		3.8	2.4	2.0		3.6	2.8	2.0		3.4	2.6	2.0	58						
60	2.6	2.4	2.0		3.3	2.4	2.0		3.0	2.6	2.0		3.0	2.4	2.0	60						
62		2.3	2.0		2.5	2.2	2.0			2.4	2.0		2.4	2.4	2.0	62						
64		2.3	2.0			2.2	2.0			2.2	2.0			2.2		64						
66		2.2				2.2				2.0				2.0		66						
68		2.0				2.1				2.0				2.0		68						
70						2.1				2.0				2.0		70						
code	211110			211111			221111			222111			code									
NO.of lines	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	NO.of lines						
Weight	1.1t			0.46t									Weight									

	64.8+2 m						69.8+2 m						74.8+2 m						
	36 m			36 m			36 m			36 m			36 m						
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
24	8.5						5.5									24			
26	8.0						5.2						3.9			26			
28	7.0						5.0						3.8			28			
30	6.7						4.8						3.0			30			
32	6.4						4.5						2.7			32			
34	6.2						3.4						2.7			34			
36	6.0	4.3					3.4	2.3					2.1			36			
38	5.7	4.1					3.0	2.3					2.0			38			
40	4.7	4.0					3.0	2.2					2.0			40			
42	4.6	3.8					2.7	2.1								42			
44	4.3	3.4	2.0				2.6	2.1								44			
46	4.3	3.3	2.0				2.4	2.0								46			
48	3.9	3.0	2.0				2.4									48			
50	3.7	3.0	2.0				2.3									50			
52	3.5	2.5	2.0				2.2									52			
54	3.4	2.5	2.0				2.0									54			
56	3.3	2.4					2.0									56			
58	3.2	2.3					2.0									58			
60	3.0	2.0					2.0									60			
62	2.6	2.0														62			
64	2.0	2.0														64			
code	222211			222221			222222			222222			code						
NO.of lines	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	NO.of lines			
Weight	0.46t									Weight									

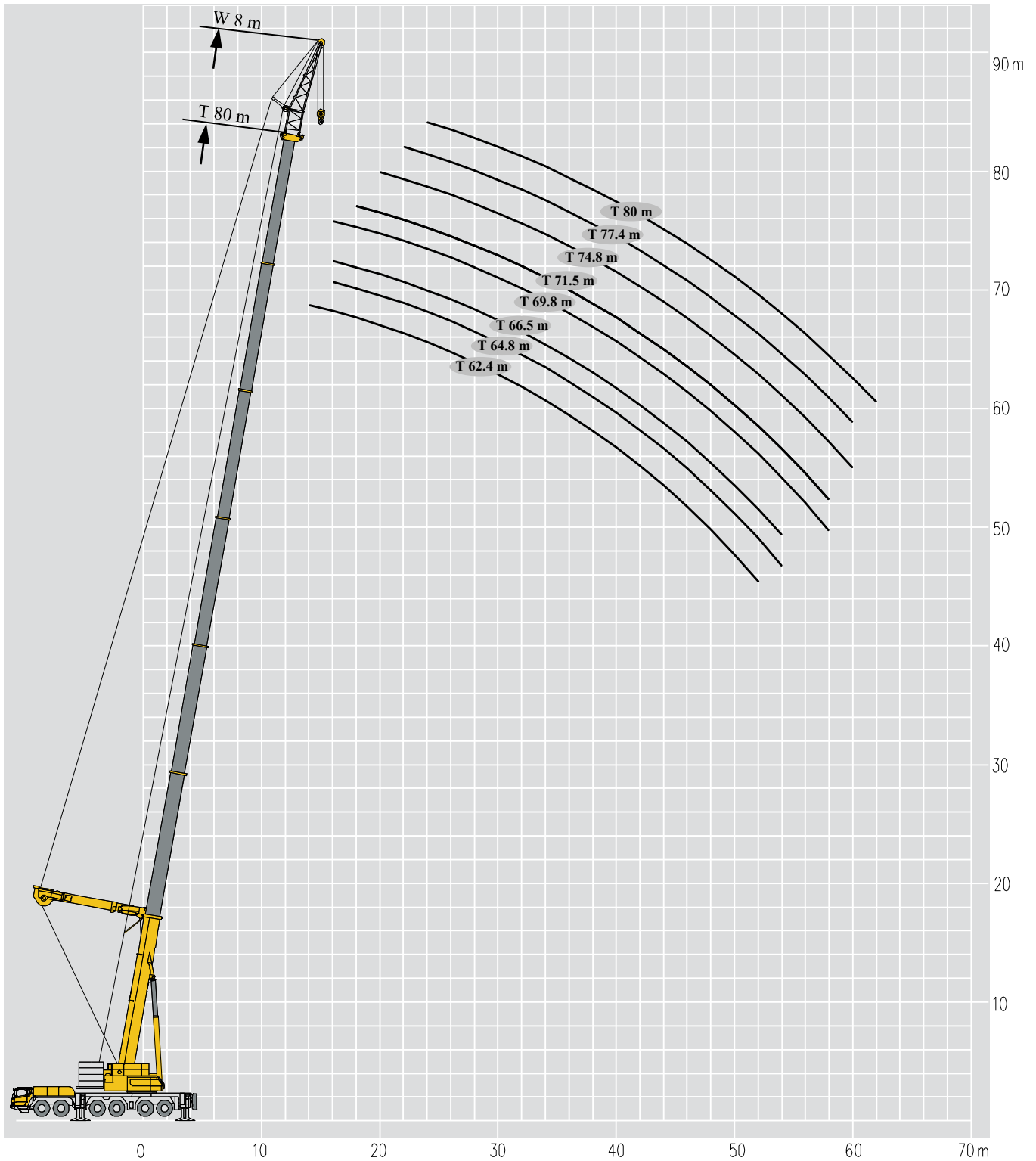
Lifting capacities

T 44.9~74.8m






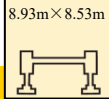

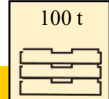
	44.9+2 m			49.9+2 m			54.9+2 m			59.8+2 m			
	36 m			36 m			36 m			36 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
18	14.0												18
20	12.4			11.6									20
22	11.8			10.6			10.3			10.0			22
24	11.0			10.6			9.8			9.6			24
26	9.5			9.5			9.4			8.5			26
28	9.0	5.7		9.0			8.3			8.0			28
30	8.5	5.3		8.1	4.9		8.0			7.1			30
32	8.0	5.0		7.7	4.9		7.6	4.9		7.1			32
34	7.2	4.5		7.3	4.2		6.7	4.8		6.5	4.6		34
36	6.8	4.5		6.6	4.1		6.7	4.8		6.3	4.5		36
38	6.2	4.4		6.6	4.1		6.1	4.4		6.0	4.4		38
40	6.1	3.9	2.2	5.9	3.7	2.2	5.8	4.2		5.6	4.1		40
42	5.4	3.7	2.0	5.5	3.6	2.1	5.4	4.1	2.2	5.4	4.0	2.1	42
44	4.6	3.7	2.0	5.2	3.4	2.1	4.7	4.0	2.2	5.0	3.8	2.1	44
46	3.4	3.2	2.0	4.1	3.3	2.0	3.8	3.7	2.1	3.9	3.5	2.0	46
48	2.4	3.1	2.0	3.1	3.0	2.0	2.8	3.5	2.0	2.9	3.3	2.0	48
50	2.0	3.0	2.0	2.1	2.9	2.0	2.1	3.3	2.0	2.0	3.1	2.0	50
52		2.8	2.0		2.8	2.0		2.9	2.0		2.9	2.0	52
54		2.6	2.0		2.7	2.0		2.6	2.0		2.5	2.0	54
56		2.0	2.0		2.2	2.0		2.4	2.0		2.3	2.0	56
58			2.0		2.0	2.0		2.0	2.0		2.0	2.0	58
60						2.0			2.0			2.0	60
code	211110			211111			221111			222111			code
NO.of lines	2	1	1	1	1	1	1	1	1	1	1	1	NO.of lines
Weight	1.1t						0.46t						Weight

	64.8+2 m			69.8+2 m			74.8+2 m			
	36 m			36 m			36 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
24	8.5			5.5						24
26	8.0			5.2						26
28	7.0			5.0					3.9	28
30	6.7			4.8					3.8	30
32	6.4			4.5					3.0	32
34	6.2			4.5					2.7	34
36	6.0	4.3		3.4	2.3				2.7	36
38	5.7	4.0		3.4	2.3				2.1	38
40	4.6	3.9		3.0	2.3					40
42	4.5	3.7		3.0	2.2					42
44	4.1	3.7		2.7	2.1					44
46	4.1	3.2	2.0	2.6	2.0					46
48	3.2	3.0	2.0	2.4						48
50	3.2	2.8	2.0	2.3						50
52	2.2	2.6	2.0	2.1						52
54	2.0	2.6	2.0	2.1						54
56		2.3	2.0	2.0						56
58		2.0								58
code	222211			222221			222222			code
NO.of lines	1	1	1	1	1		1			NO.of lines
Weight				0.46t						Weight






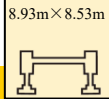



Lifting capacities

T 62.4~80m

	     								
	62.4 m	64.8 m	66.5 m	69.8 m	71.5 m	74.8 m	77.4 m	80 m	
	8 m	8 m	8 m	8 m	8 m	8 m	8 m	8 m	
14	40.6								14
16	38.0	36.6	35.5	33.2					16
18	35.8	33.5	33.2	29.0	24.0				18
20	33.2	30.9	27.6	27.1	22.0	21.8			20
22	28.9	26.4	24.1	24.9	19.9	20.9	16.1		22
24	25.5	25.0	22.0	21.4	18.6	19.5	16.1	16.0	24
26	23.6	23.1	21.0	18.8	18.2	18.2	15.3	15.0	26
28	20.9	20.7	19.9	17.4	17.0	16.5	14.7	14.3	28
30	18.9	18.7	17.8	16.5	15.7	15.8	14.1	13.4	30
32	17.9	17.0	16.4	15.4	14.5	15.2	10.3	12.6	32
34	15.3	15.5	15.0	13.5	13.5	13.0	9.7	11.5	34
36	13.6	14.3	13.6	12.6	13.0	12.2	9.1	10.6	36
38	12.1	12.8	12.2	11.7	12.5	11.5	8.3	9.8	38
40	10.5	11.3	11.2	10.9	11.7	10.8	7.7	9.0	40
42	9.0	9.8	9.7	10.0	10.6	9.8	6.7	8.2	42
44	7.7	8.5	8.4	9.4	9.3	9.3	6.4	7.4	44
46	6.5	7.3	7.2	8.2	8.1	8.4	6.2	6.6	46
48	5.4	6.2	6.1	7.1	7.0	7.9	5.8	6.2	48
50	4.4	5.2	5.1	6.1	6.0	6.9	5.1	5.3	50
52	3.4	4.2	4.1	5.1	5.0	6.0	4.7	4.9	52
54		3.4	3.3	4.3	4.2	5.2	4.2	4.5	54
56				3.5	3.4	4.4	3.9	4.1	56
58				2.8	2.7	3.6	3.6	3.7	58
60						3.0	2.9	3.3	60
62								2.6	62
code	333111	222211	332211	222221	332221	222222	333222	333333	code
NO.of lines	4	4	4	3	3	2	2	2	NO.of lines
Weight		1.4t				1.1t			Weight



Lifting capacities



T 62.4~80m

										
	62.4 m	64.8 m	66.5 m	69.8 m	71.5 m	74.8 m	77.4 m	80 m		
	8 m	8 m	8 m	8 m	8 m	8 m	8 m	8 m		
14	40.6									14
16	38.0	36.6	35.5	33.2						16
18	35.8	33.5	33.2	29.0	24.0					18
20	33.0	30.9	27.6	27.1	22.0	21.8				20
22	28.0	26.4	24.1	24.5	19.9	20.9	16.1			22
24	24.5	25.0	22.0	21.0	18.6	19.1	16.1	16.0		24
26	22.1	23.0	21.0	18.0	18.0	18.0	15.3	15.0		26
28	19.6	20.0	19.0	17.0	16.8	16.0	14.5	14.3		28
30	16.9	17.7	17.0	16.0	15.2	15.2	14.0	13.1		30
32	14.5	15.3	15.2	15.0	14.1	14.8	10.0	12.2		32
34	12.4	13.2	13.1	13.0	13.0	12.8	9.7	11.2		34
36	10.6	11.3	11.3	12.0	12.1	12.0	9.1	10.2		36
38	8.9	9.7	9.6	10.6	10.5	11.1	8.3	9.7		38
40	7.5	8.2	8.2	9.1	9.0	9.8	7.5	8.8		40
42	6.1	6.9	6.8	7.8	7.7	8.7	6.5	8.0		42
44	5.0	5.7	5.7	6.7	6.5	7.5	6.1	7.0		44
46	3.9	4.7	4.6	5.6	5.5	6.4	5.9	6.2		46
48	2.9	3.7	3.6	4.6	4.5	5.5	5.4	5.5		48
50	2.0	2.8	2.7	3.7	3.6	4.6	4.5	4.7		50
52		2.0	2.0	2.9	2.8	3.7	3.7	3.8		52
54				2.1	2.0	3.0	2.9	3.1		54
56						2.3	2.2	2.4		56
58								2.0		58
code	333111	222211	332211	222221	332221	222222	333222	333333		code
NO.of lines	4	4	4	3	3	2	2	2		NO.of lines
Weight		1.4t				1.1t				Weight

Lifting capacities

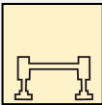


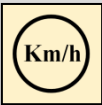


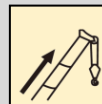


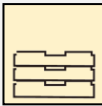




T 62.4~80m

	62.4-80m		SL		8m		8.93m×8.53m		360°		60 t		
	62.4 m	64.8 m	66.5 m	69.8 m	71.5 m	74.8 m	77.4 m	80 m					
	8 m	8 m	8 m	8 m	8 m	8 m	8 m	8 m					
14	40.6												14
16	38.0	36.6	35.0	33.2									16
18	34.9	33.5	33.0	28.5	24.0								18
20	29.8	30.0	27.0	26.5	22.0	21.8							20
22	25.8	26.0	23.5	24.0	19.5	20.9	16.1						22
24	21.6	22.0	21.0	20.0	18.1	18.5	16.1	16.0					24
26	18.1	18.9	18.3	17.5	17.5	17.5	15.0	15.0					26
28	15.2	16.0	15.4	15.8	16.0	15.5	14.0	14.3					28
30	12.7	13.5	13.0	14.0	14.0	14.3	13.5	13.0					30
32	10.6	11.4	11.0	12.0	12.0	12.0	9.8	12.0					32
34	8.8	9.6	9.5	10.1	10.0	11.0	8.8	11.0					34
36	7.1	7.9	7.8	8.5	8.4	9.2	8.5	10.0					36
38	5.7	6.5	6.4	7.1	7.0	7.8	8.0	8.0					38
40	4.4	5.2	5.1	6.0	5.8	6.5	6.5	7.0					40
42	3.2	4.0	3.9	4.5	4.5	5.3	5.3	5.5					42
44	2.2	3.0	2.9	3.5	3.5	4.3	4.3	4.5					44
46		2.0	2.0	2.5	2.3	3.5	3.5	3.5					46
48				2.0	2.0	2.5	2.5	2.5					48
50						2.1	2.1	2.1					50
code	333111	222211	332211	222221	332221	222222	333222	333333					code
NO.of lines	4	4	4	3	3	2	2	2					NO.of lines
Weight		1.4t				1.1t							Weight

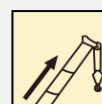
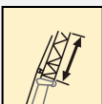


	62.4-80m		SL		8m		8.93m×8.53m		360°		40 t		
	62.4 m	64.8 m	66.5 m	69.8 m	71.5 m	74.8 m	77.4 m	80 m					
	8 m	8 m	8 m	8 m	8 m	8 m	8 m	8 m					
14	40.6												14
16	37.0	36.6	35.0	33.2									16
18	30.0	33.0	30.0	28.5	24.0								18
20	24.0	25.0	24.0	26.0	22.0	21.8							20
22	19.0	20.0	19.5	21.0	19.0	20.5	16.1						22
24	16.0	16.0	16.0	17.0	17.5	18.0	16.1	16.0					24
26	13.0	13.0	13.0	14.0	14.0	15.2	15.0	15.0					26
28	10.5	11.0	11.0	12.0	12.0	13.0	13.0	13.0					28
30	8.0	9.0	9.0	10.0	9.5	10.5	10.5	11.0					30
32	6.0	7.0	7.0	8.0	8.0	9.0	9.0	9.0					32
34	4.0	5.0	5.0	6.0	6.0	7.0	7.0	7.0					34
36	3.0	4.0	4.0	5.0	5.0	6.0	6.0	6.0					36
38	2.0	3.0	2.5	3.0	3.0	4.3	4.3	5.0					38
40		2.0	2.0	2.0	2.0	3.2	3.2	4.0					40
42				2.0	2.0	2.2	2.2	3.0					42
44						2.0	2.0	2.0					44
code	333111	222211	332211	222221	332221	222222	333222	333333					code
NO.of lines	4	4	4	3	3	2	2	2					NO.of lines
Weight		1.4t				1.1t							Weight

Description of symbols

General symbols

	Outriggers		Axle
	Radius		Driving speed
	Boom angle		Grade ability
	Boom length		Tires
	Hook block		Counterweight
	360° rotation		Superstructure
	Winch		Chassis

Crane specific symbols

	Boom		Fixed jib
	Super-lifting		Wind power jib

Transportation plan

Category	Item	Unit	Parameter	
Dimensions	Outline size (lengthch×width×height)	mm	17674×3000×4000	
	Wheel base	mm	1650+3100+1650+2440+1650	
	Track (Front/ Rear)	mm	2590/2590/2590/2590/2590/2590	
	Front/ Rear overhang	mm	2693/2339	
	Front/ Rear extension	mm	2152/0	
Weight	Max Permitted Total Weight		kg	72000
	axle load	1st axle	kg	12000
		2nd axle	kg	12000
		3rd axle	kg	12000
		4th axle	kg	12000
		5th axle	kg	12000
		6th axle	kg	12000
Power	Engine model		—	OM502LA.E3B/2 OM502LA.E3A/3
	Engine rated power/rpm		kW/(r/min)	442.6/1800 421.4 /1800
	Engine rated torque/rpm		N.m/(r/min)	2800/1300 2700 /1300
Travel	Max. travel speed		km/h	≥80
	Min. travel speed		km/h	2
	Min. turning diameter		m	≤23
	Min. turning diameter at boom tip		m	≤23
	Min. ground clearance		mm	280
	Approach angle		°	16
	Departure angle		°	15
	Braking distance (at 30 km/h)		m	≤10
	Max. grade ability		%	≥57
	Fuel consumption per 100 km		L	89.2
Noise	Exterior noise level		dB(A)	≤84
	Noise level at seated position		dB(A)	≤90

Transportation plan

Category	Item		Unit	Parameter	
Main performance	Max. total rated lifting capacity		t	300	
	Min. rated working radius		m	3	
	Turning radius at turntable tail (Counterweight)		mm	5800	
	Max. load moment	Base boom	kN.m	9270	
		Fully-extended boom	kN.m	5628	
	Outrigger span	Longitudinal	m	8.93	
		Lateral	m	8.53	
	Hoist height	Base boom	m	16.3	
		Fully-extended boom	m	79.1	
		Fully-extended boom + Jib	m	112	
	Boom length	Base boom	m	15	
		Fully-extended boom	m	80	
Fully-extended boom + Jib		m	112.8		
Jib offset angle		°	0、20、40		
Working speed	Boom raising time		s	≤85	
	Boom fully extended time		s	≤900	
	Max. slewing speed		r/min	≥1.2	
	Outrigger extending and retracting time	Outrigger beam	Retracting	s	≤40
			Extending	s	≤70
		Outrigger jack	Retracting	s	≤40
			Extending	s	≤70
Hoisting speed (single line, 4th layer, no load)	Main winch	m/min	≥127		
Noise	Exterior noise level		dB (A)	≤122	
	Noise level at seated position		dB (A)	≤90	

Notes

1. The total rated loads given in the rated load charts are the maximum lifting capacity when the crane is set up on firm and level ground, which includes the weight of the hook block and slings. The weight of above-mentioned devices should be deducted to correctly calculate the load weight.
2. The working radius shown in the rated load charts is the radius when the load is lifted off the ground, and it is the actual value including loaded boom deflection.
3. A lifting operation is permissible only when the wind force is below grade 5 (instantaneous wind speed is 14.1/s, wind pressure is 125N/m²).
4. Before beginning lifting operation, the operator should know the weight of the load to be lifted and its working range, and then select proper working conditions. Never operate the crane beyond the limit shown in the chart. Use the lower value from the chart when the boom length or working radius is between the range of values.
5. Observe the boom angle limit. Never operate the crane with the boom angle beyond the recommended limit even if a load is not being carried. Otherwise, the crane will tip.
6. The boom length given in the rated load charts should accord with the telescoping code of boom sections .
7. More detailed lifting performance, please refer to rated lifting load tables.



 **RONCO**
Construction Equipment & Engineering
Call 1800CRANES

XCA300 All Terrain Crane

RONCO GROUP



1800CRANES
(08) 9459 6212

www.ronco.com.au
xcmg@ronco.com.au