

XCA700 All Terrain Crane



 **CAMC VIAL**
Ruta 40 y Calle 7, SAN JUAN - ARGENTINA

 **ARGENTINA**
+54-2644998650

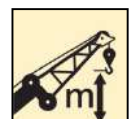
 info@camcvial.com.ar



700t



90.5m



154m

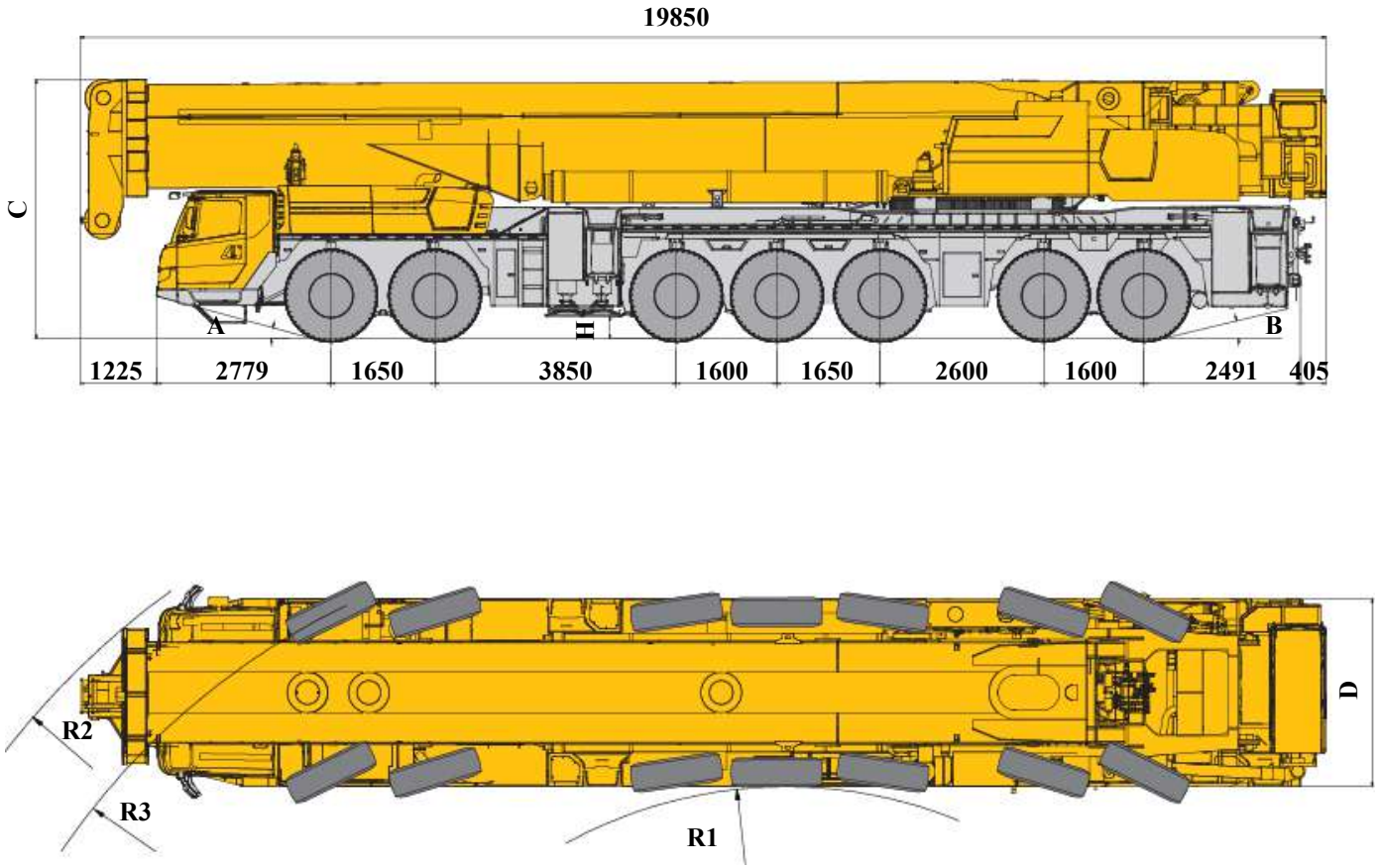



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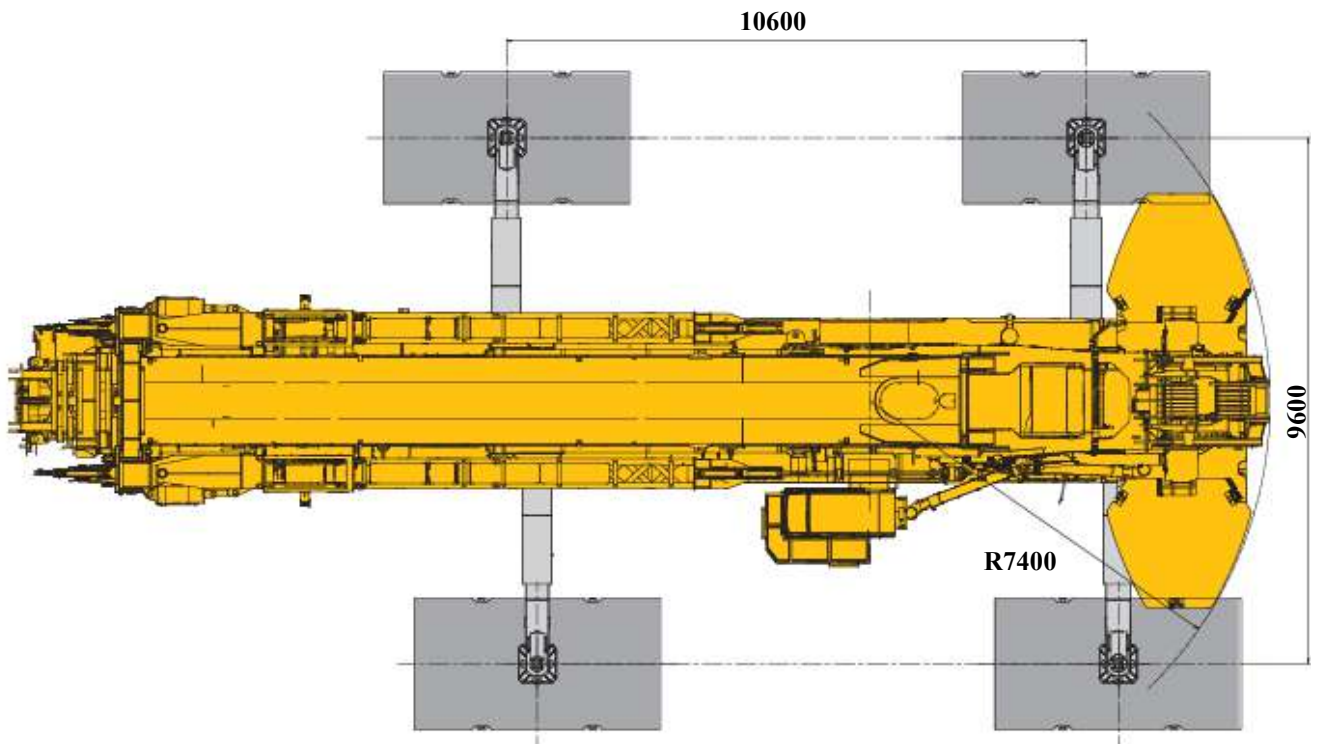
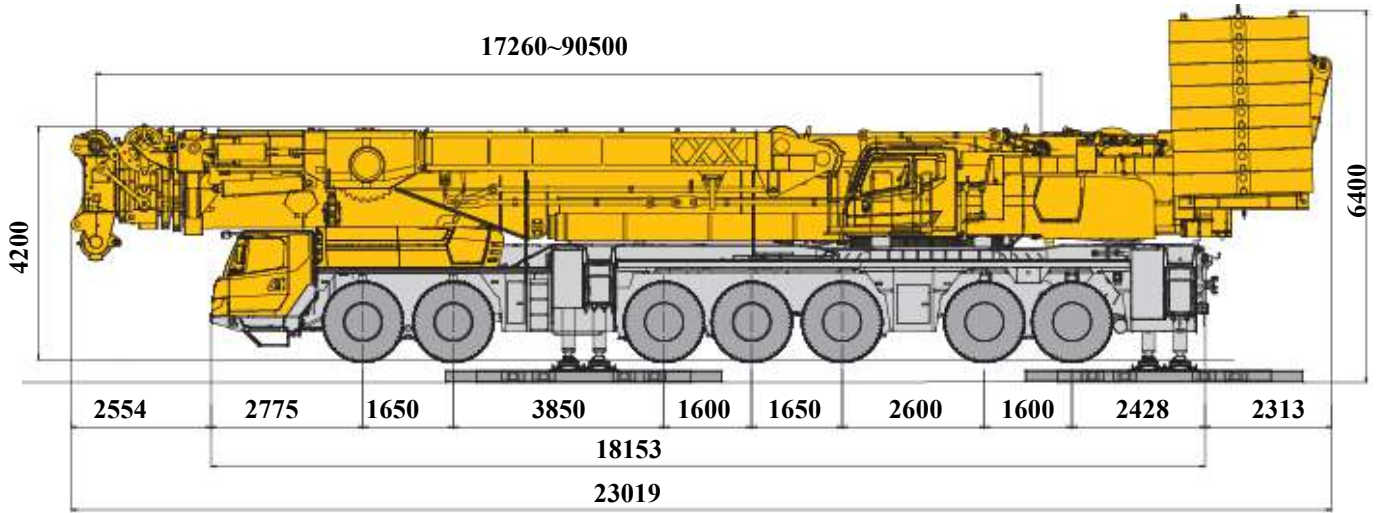
Dimensions



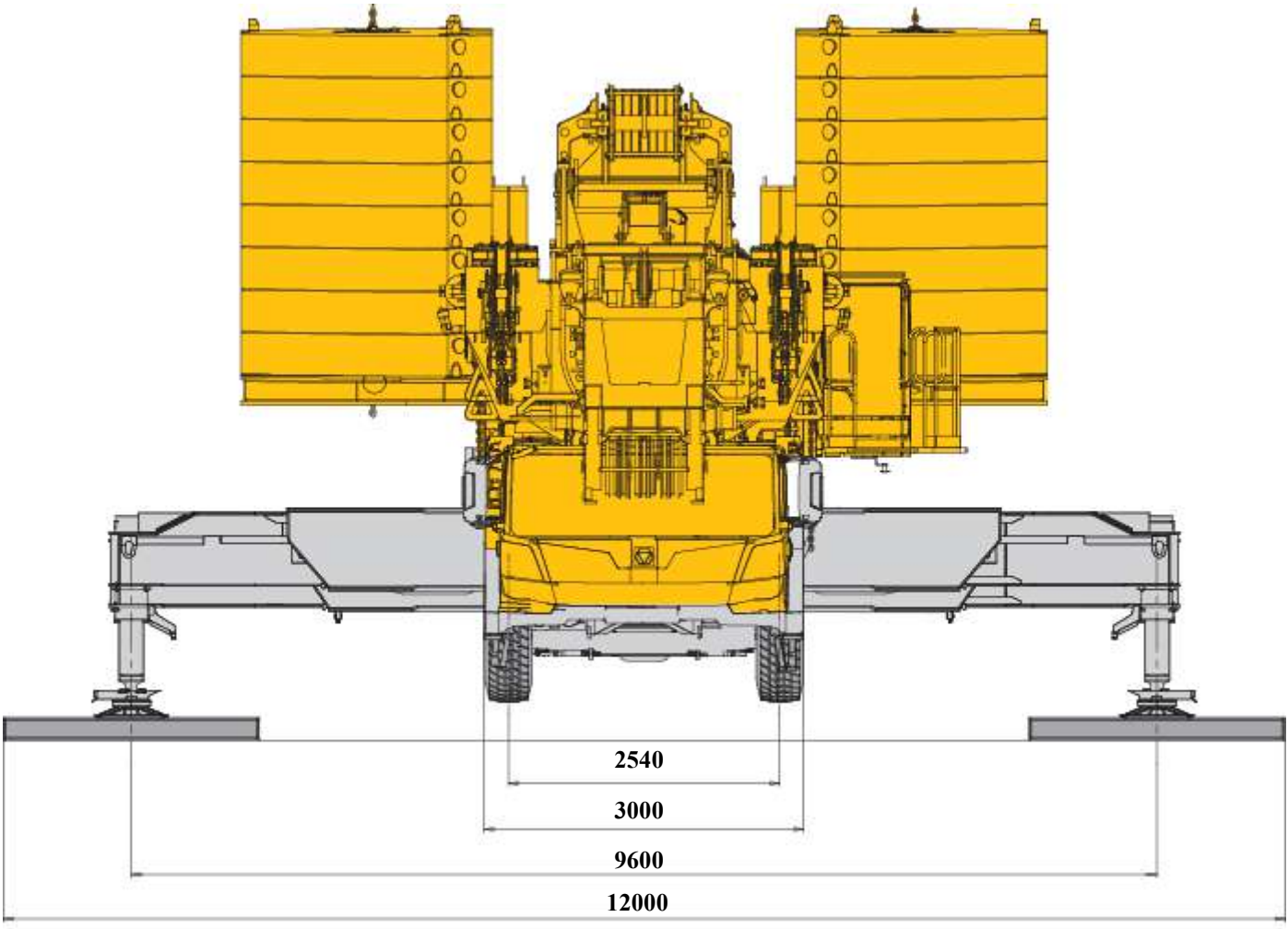
	A	B	C	D	H*	R1	R2	R3
445/95R25	16°	13°	4000	3000	336	6900	14140	12500

Height with * followed is the value while suspensions are in neutral position.

Dimensions



Dimensions



Technical specifications




Chassis

Frame	Designed and manufactured by XCMG, made of high strength steel.
Outriggers	4 outriggers are arranged in H shape. The 2-stage outrigger beams are adopted. Longitudinal and vertical telescoping are hydraulic controlled. Check valve is fitted at each outrigger oil cylinder and each jack is fitted with a double-way hydraulic valve. There is an electric control panel fitted at each side of the chassis with luminous level gauge, lamp and accelerator buttons.
Engine	<p>Benz Engine OM473LA.6-57 In-line, 6 cylinders, water cooled, electric control diesel engine, manufactured by Daimler AG, Rated power 481kw /1600rpm; Max. torque 3100Nm /1100rpm; compliant with China VI emission standard. Fuel tank capacity: 600 L.</p> <p>Weichai engine WP15H660E61 Rated power 485kW/1800rpm Max. torque 3200Nm/900-1400rpm. compliant with China VI emission standard. Fuel tank capacity: 600 L.</p>
Hydraulic system	The variable displacement pump is connected to the engine through PTO for controlling the movements of outriggers, steering, suspension and heat dissipation.
Transmission	<p>ZF electrical-control automatic transmission with torque converter and retarder, 12 forward gears and 2 reverse gears.</p> <p>ALLISON electrical-control automatic transmission with torque converter and retarder, 7 forward gears and 1 reverse gears.</p>
Axles	Axles with high strength and heavy load bearing capacity . Equipped with pneumatically controlled disc brake. 1st-4th axles mechanical drive, the 7th axle hydraulic drive: 14 × 10.
Suspension	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. The stroke of suspension cylinder is -100mm~+140mm.

Tires	<p>Bridgestone Tire specifications: 445/95 R25 (16.00R25)</p>
Braking system	<p>Service brake: dual-circuit air pressure brake, acting on all wheels.</p> <p>Parking brake: spring-loaded brake, acting on wheels of axles 2-6.</p> <p>Auxiliary brake: engine brake, transmission retarder brake and electric eddy-current retarder brake.</p>
Driver's cab	<p>Full dimension steel structure luxury cab has suspension connection structure and rear damper. Multi-function steering wheel is equipped, easy to operate. Equipped with adjustable seats, safety glass, electrically operated door window lifter, electric-adjustable mirrors, steering wheel adjustable in height and angle, reverse radar displayer, large screen liquid crystal display, etc. New combined central control panel is reasonably arranged with arc shape adopted, presenting human-oriented design concept. Heater, air conditioner and CD player are standard.</p>
Electrical system	DC 24 V, with 2 sets of 12 V batteries in series.

Technical specifications

	Superstructure	
Frame	Designed and manufactured by XCMG, made of high strength steel.	
Hydraulic system	Electric proportional closed pump is used for lifting and slewing; electric proportional open pump is used for luffing and telescoping. Through logic control of plug-in valve spool, main valve is used to control telescoping and elevating operation; large power air-cooled hydraulic oil radiator can effectively reduce the oil temperature.	
Control system	The pilot electric and hydraulic proportional control, stepless speed regulation, all movements of the crane is controlled by two levers at left and right sides and virtual keys on the display screen.	
Main winch	Driven by a hydraulic motor, with build-in planetary gear reducer. Specific anti-disorder rope winding drum and anti-coiling wire rope are available.	
Engine	In-line, 6 cylinders, water cooled, electric injection diesel engine, compliant with off-road Stage IV emission standard WP7G300E472, made by Weichai. Rated power: 220kw/2200rpm Max. torque: 1200 Nm / (1400 ~ 1600) rpm (Weichai) Fuel tank capacity: 380 L. The hydraulic pump disconnect is adopted to improve the cold starting performance.	
Slewing system	Three-point roller external tooth slewing ring with a dual slewing mechanism 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.	
		Safety device Hydraulic counterbalance valve, hydraulic relief valve, hydraulic double-way valve, 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.
		Operator's cab Designed according to ergonomics, the cab is safe and comfortable. Safety glass is used, and protective grilles are installed above the roof. Sun shields are equipped for windshield and roof window. A sliding door and a front step with protective handrails are available to make it easy and safe to access and exit the cab. The cab is connected with the turntable through a swing arm which enables the cab to tilt forwards/backwards, also making it easy and safe to access and exit the cab. The cab is also able to turn backwards around the rear pivot to enlarge the operator's field of view.
		Electrical system DC 24 V, with 2 sets of 12 V batteries in series.
		Load moment indicator 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 self-diagnosis function are available.
		Counterweight 160 t in total: 20 t base + slabs (10 t × 2, 10 t × 10 and 5 t × 4). The counterweight can be movable forward or backward or be in neutral.
		Hook block 130 t hook block. Double-hook, deadweight of 2900kg, Parts of line: 9

Technical specifications

Boom	7-section boom with U cross-section, welding structure. 2-cylinder pin telescoping cylinder is available. A new type cylinder pin synchronizer driving system is adopted to guarantee the synchrony of the two cylinder pins. The single cylinder pinning telescoping system is safer and more reliable. 46%, 92% and fully-extended telescoping modes can be realized. Boom length: 17.3m~90.5m
Super lifting device	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.
Wind power jib	The overall length of 36 m The length of 18 m, 24 m and 36 m are available.
Fixed jib	Lattice jib, welded structure, three offset angles: 0° , 20° and 40° . The overall length of 62.6 m. Luffing length of 14 m~56 m. Length of the fixed section of wing-type connecting bracket is 6.6 m. The lattice jib of this crane is the same as XCA350-XCA460, XCA750 and QAY650A.
Luffing jib	Lattice welded structure; three boom angles: 69° , 77° and 85° . The overall length of 99.4 m. Luffing jib: 28 m~91 m. Length of the wing-type connecting bracket is 8.4 m; The lattice jib of this crane is the same as XCA350-XCA460, XCA750 and QAY650A.
Winch system for luffing jib	It consists of a sheave block for luffing the luffing jib.

Version / Optional equipments

Version	Function description	Selection
Standard	Boom +super lifting device + wind power jib (7-section boom of 90.5 m and wind power jib of 36 m)	
Strengthened	Boom+ super lifting device+ wind power jib + fixed jib (7-section boom of 90.5 m, wind power jib of 36 m, fixed jib of 62.6 m)	
Full configuration	Boom + super lifting device+ wind power jib + fixed jib + luffing jib (7-section boom of 90.5 m, wind power jib of 36 m, fixed jib of 62.6 m, luffing jib of 99.4m)	

Optional equipments		Selection
Hook	300 t hook	
	205 t hook	
	50 t hook	
4-section boom head of 0.7 m		
OBU device		
Notes:		
The options are available for three versions. (The option is available for three versions.)		
The optional tires can be purchased in XCMG spare parts sales department.		

Weight



	1	2	3	4	5	6	7	Total weight
t	12	12	12	12	12	12	12	84t ⁽¹⁾
t	20.3	20.3	20.3	20.3	20	20	20	140.9t ⁽²⁾
t	26.6	26.6	26.6	26.6	17.8	17.8	17.8	159.8t ⁽³⁾
t	16.8	16.8	16.8	16.8	20	20	20	127.2t ⁽⁴⁾
t	23.2	23.2	23.2	23.2	17.8	17.8	17.8	146.2t ⁽⁵⁾
t	11	11	11	11	17.1	17.1	17.1	95.3t ⁽⁶⁾

Notes:

(1) 84t: declared crane travel configuration

Superstructure: hook block, 2nd -7th boom section, super lifting device, telescoping cylinder, counterweight, wind power jib, fixed jib assembly and luffing jib assembly are removed.

Chassis: rear outrigger beams, counterweight bracket, and outrigger floats are removed.

(2) 140.9 t: short-distance jobsite transfer

Configuration of 84t +2nd -7th boom (including telescoping cylinder) and rear outriggers.

(3) 159.8t: heavy load jobsite transfer

Configuration of 140.9 t + super lifting device.

(4) 127.2 t: heavy load jobsite transfer

Configuration of 84 t +2nd -4th boom (including telescoping cylinder) and rear outriggers.

(5) 146.2 t: heavy load jobsite transfer with 4 boom sections

Configuration of 127.2 t + super lifting device.

(6) 95.3t: long-distance jobsite transfer






Configuration of 84 t +telescoping cylinder + hoisting winch assembly.



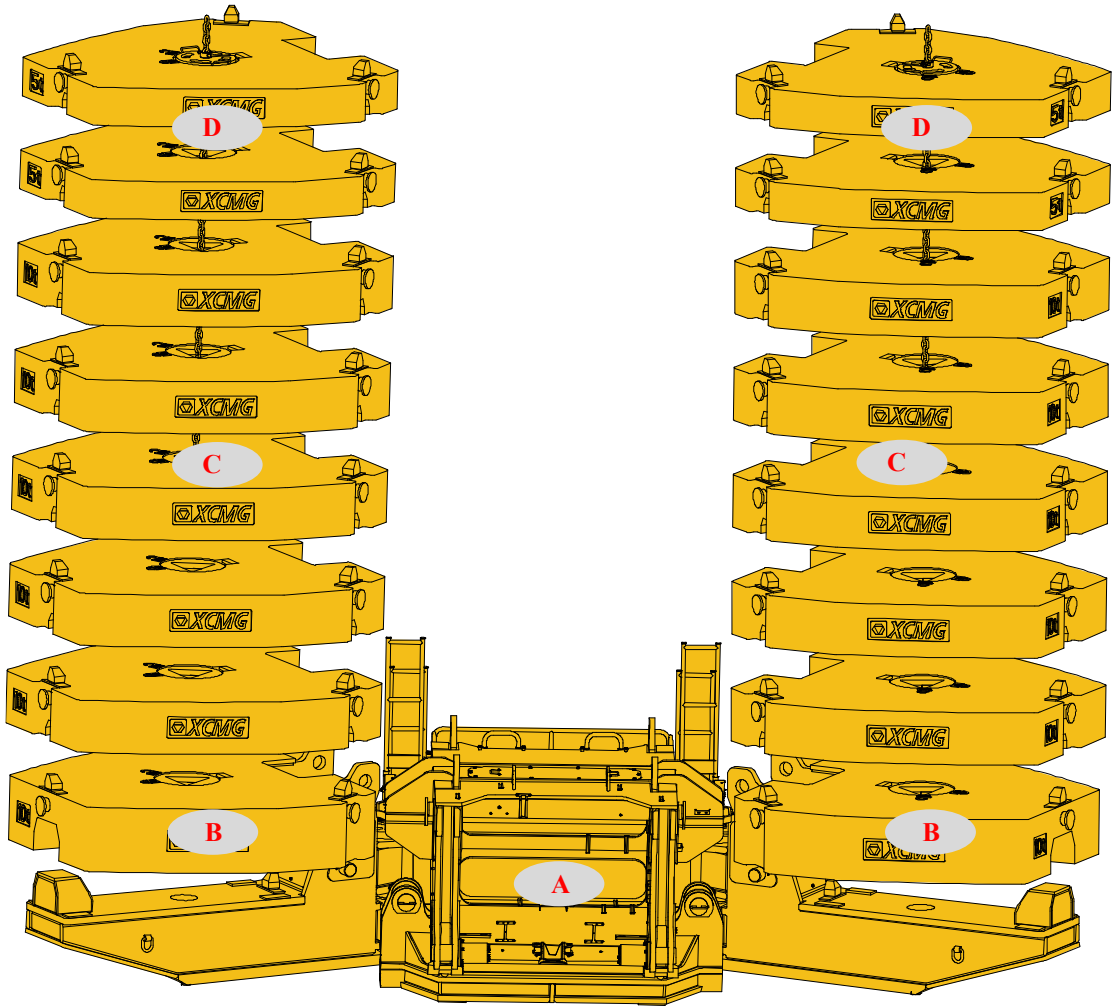
	Parts of line	Weight (kg)	Dimensions (mm)
300 t	26	5800	750×1450×2610
205 t	15	3800	750×960×2250
130 t	9	2900	750×720×2150
50 t	3	1500	750×470×1750

Working speeds



	Working speeds	Max. single line pull	Rope diameter/ length
	0-145 m/min, single line, no load, 10th layer	15.9t	26 mm/900 m
	0-130 m/min, single line, no load, 10th layer	15.9t	26 mm/1150 m
	0-1 r/min		
	Approx. 130 s for boom elevation from -0.2° to 85°		
	Approx. 1480 s for boom extension from 17.3m to 90.5m (7 th boom section) Approx. 600 s for boom extension from 17.3 m to 53.9m (4 th boom section)		

Counterweight

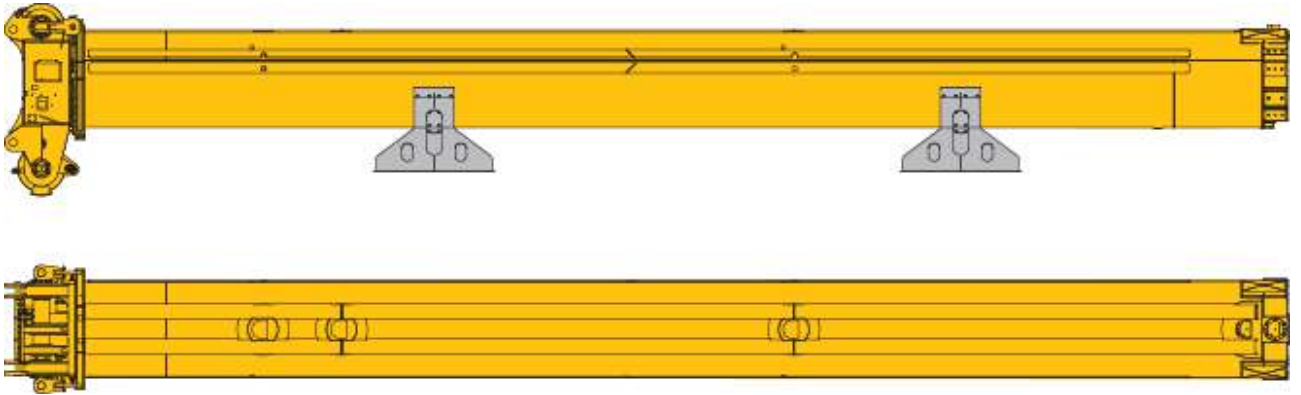


Counterweight	A×1	B×2	C×10	D×4
Size (L×W×H) mm	7640×2550×1800	2700×2600×620	2400×2600×520	2400×2600×420
Weight (t)	20	10	10	5

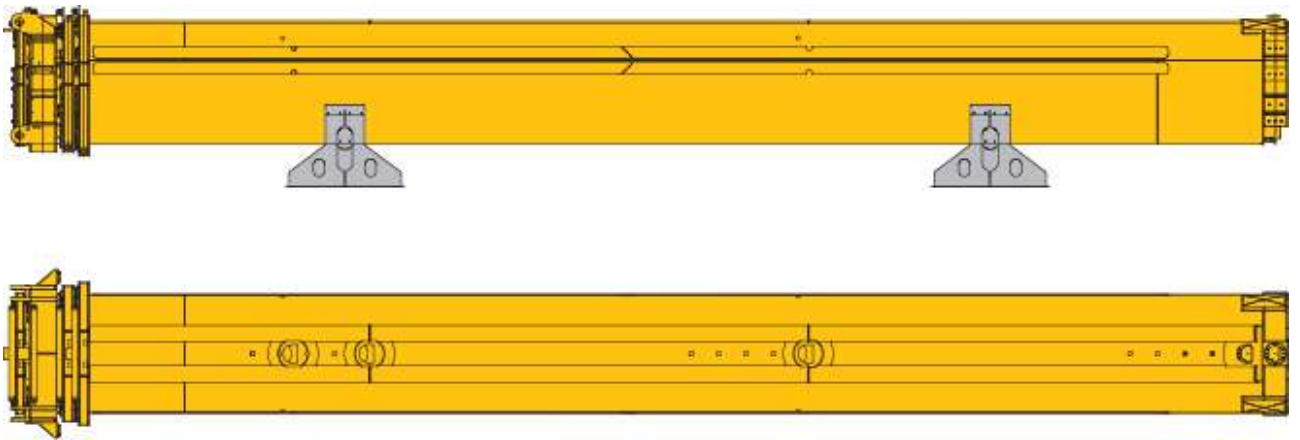
Operation mode	160 t	140t	120 t	100 t	80 t	60 t	40 t	20t
Combinations	A+B×2+C ×10+D×4	A+B×2+C ×10	A+B×2+C ×8	A+B×2+C ×6	A+B×2+C ×4	A+B×2+C ×2	A+B×2	A

Dimensions of parts to be transported

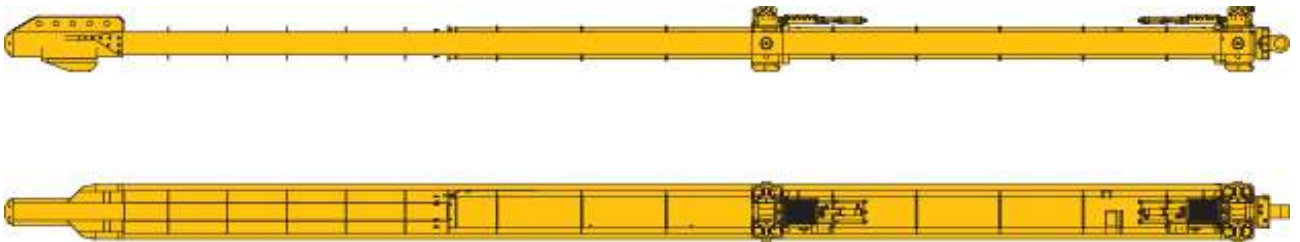
6th-7th boom sections; Weight: 12 t; Dimensions: 15950mm×1590mm×2385mm



2nd- 5th boom sections; Weight: 29.5 t; Dimensions: 16440mm×2160mm×2330mm

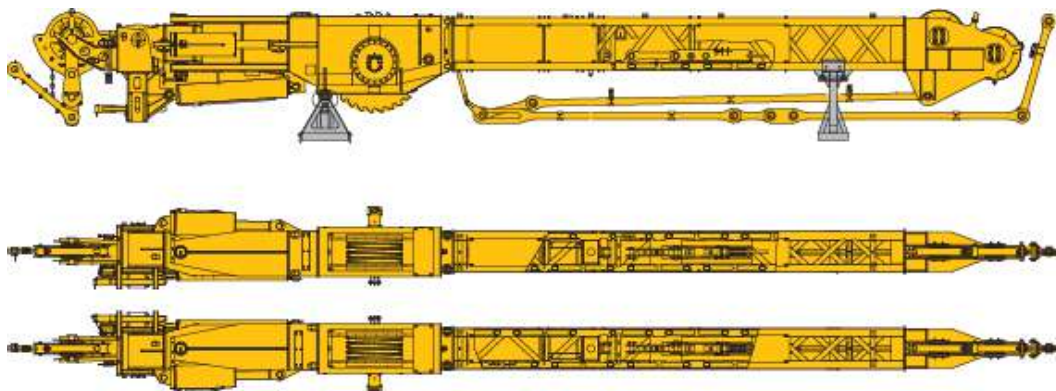


Telescoping cylinder; Weight: 5.1 t; Dimensions: 15180mm×720mm×770mm

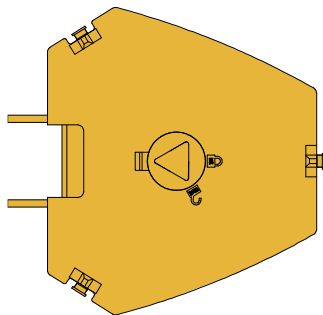


Dimensions of parts to be transported

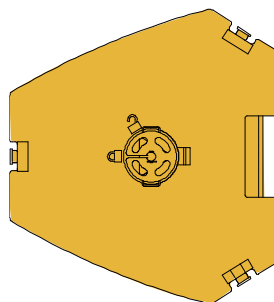
Super lifting device; Weight: 19.8 t; Dimensions: 14100mm×2500mm×1800mm



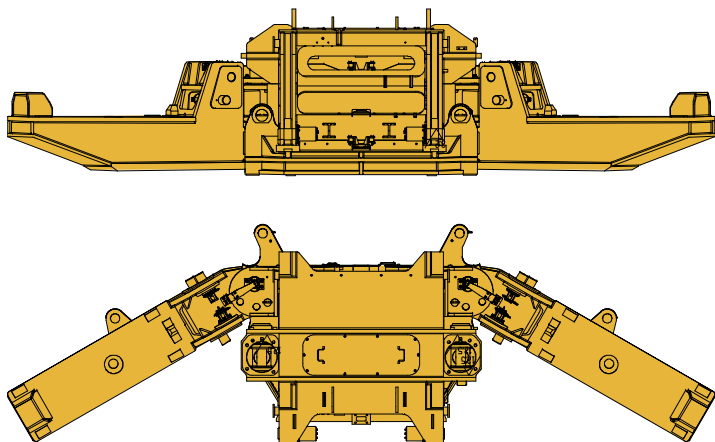
Transition counterweight: 20 t in total (10 t × 2)
2700×2600×620 (mm)



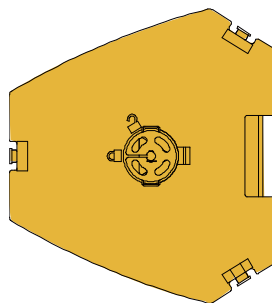
Counterweight slabs: 20 t in total (5 t × 4)
2400×2600×420 (mm)



Counterweight base: 20 t 7640×2550×1800
(mm)

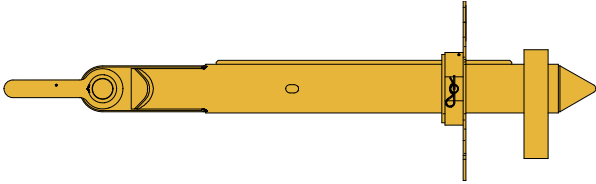


Counterweight slabs : 100 t in total (10 t × 10)
2400×2600×520 (mm)

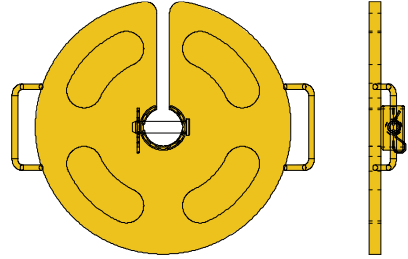


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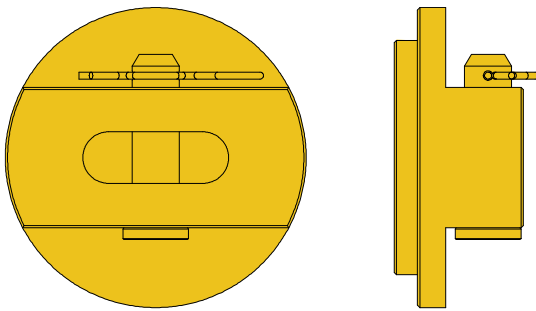
Counterweight slings: 0.07t 1480×450
(mm)



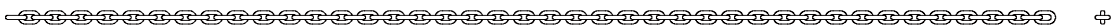
Retaining plate: 0.036t in total (0.018t ×2)
520×440×20 (mm)



Block: 0.008 t in total (0.004 t×2)
150×150×60 (mm)

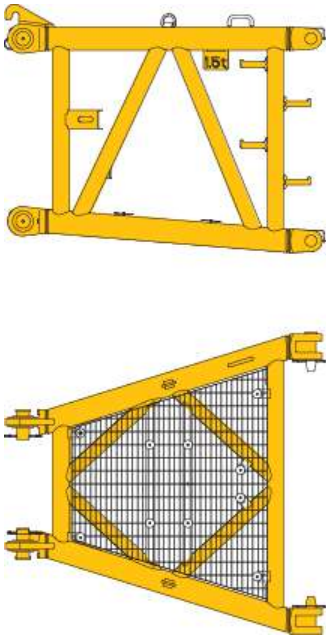


EN818-2 chain: 0.0296 t in total (0.0148 t ×2)
3570×60×60 (mm)

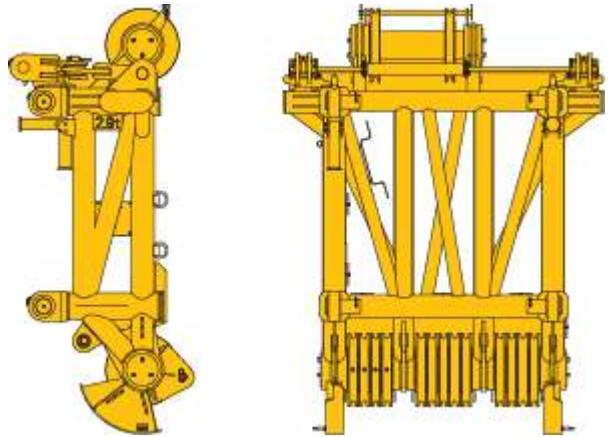


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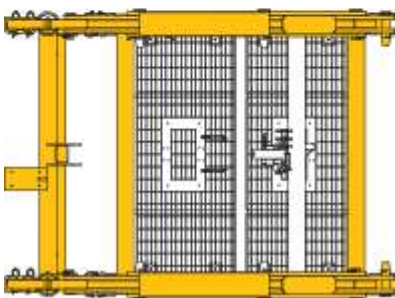
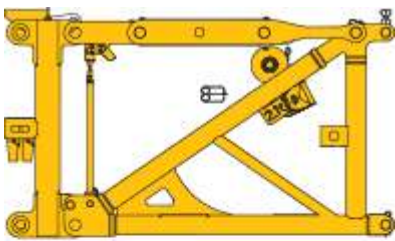
Transition sections assembly; Weight: 1.5 t;
Dimensions: 2470mm×2340mm×1790mm



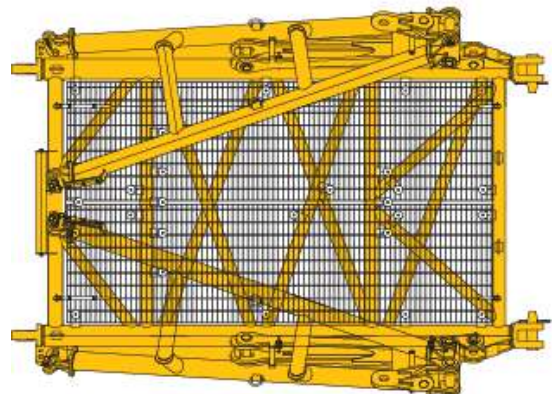
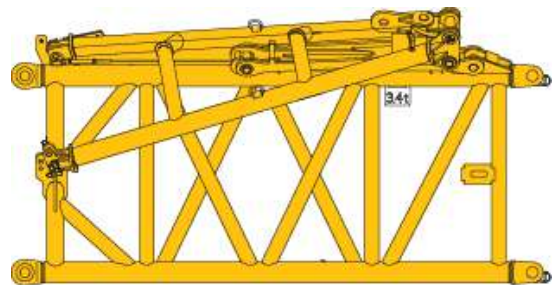
Head for the 4th boom section; Weight: 2.9 t;
Dimensions: 3050mm×2280mm×1350mm



Rotary bracket assembly; Weight: 2.1 t;
Dimensions: 3130mm×2300mm×1890mm

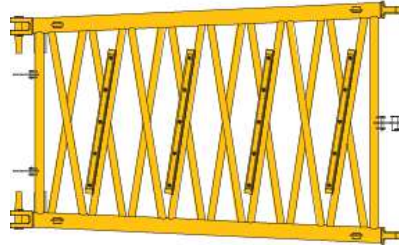
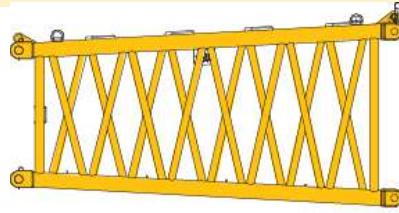


Wing-shape connecting bracket assembly;
Weight: 3.4 t;
Dimensions: 4260mm×3080mm×2230mm

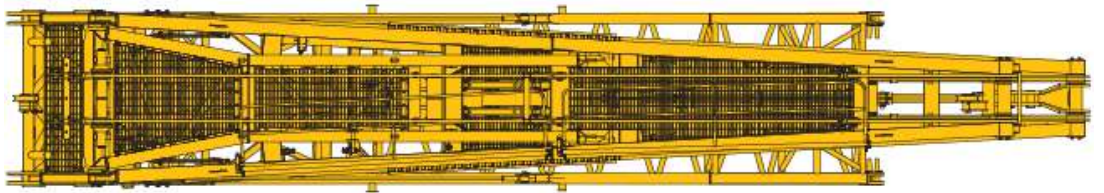
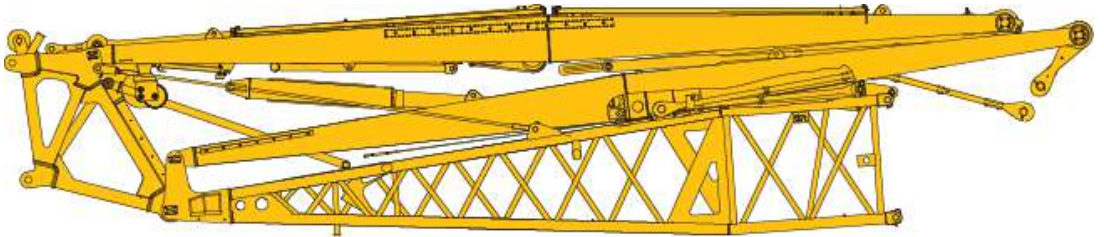


Dimensions of parts to be transported

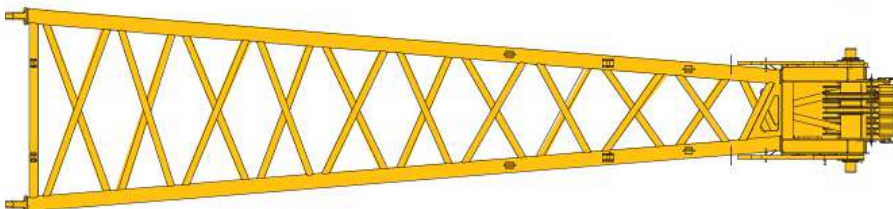
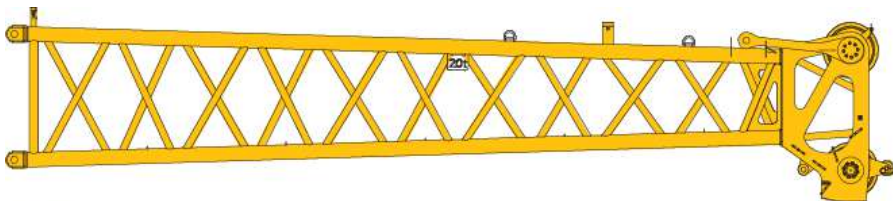
**Transition sections; Weight: 0.9 t;
Dimensions: 3700mm×2300mm×1900mm**



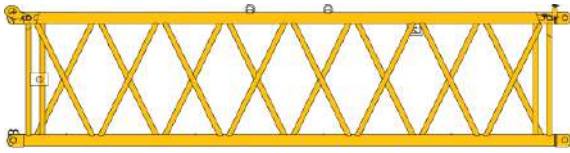
**Fixing subassembly; Weight: 13.7 t;
Dimensions: 14310mm×2500mm×3050mm**



Tail boom section assembly; Weight: 2.9 t; Dimensions: 3050mm×2280mm×1350mm



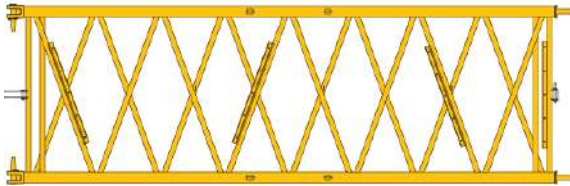
Dimensions of parts to be transported



Extension assembly × 5;

Weight: 1.2 t×5

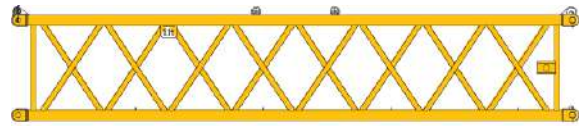
Dimensions: 7190mm×2320mm×1800mm



Small 7m extension A assembly × 4

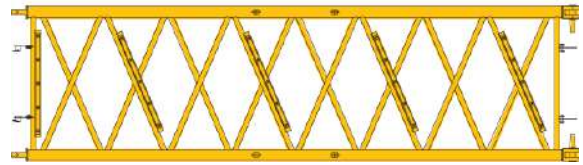
Weight: 1.1 t×4

Dimensions: 7130mm×1950mm×1500mm



Small 7 m extension B assembly; Weight:
1.3 t

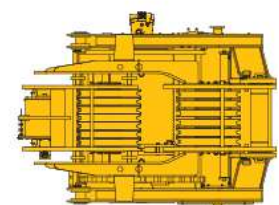
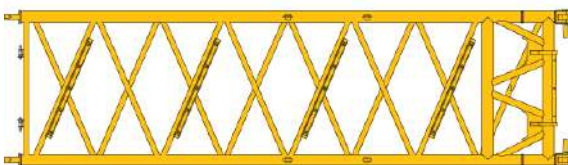
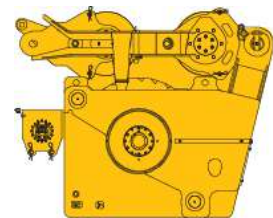
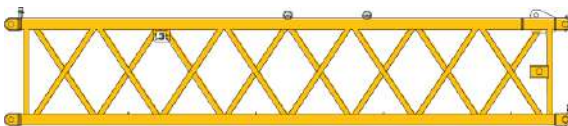
Dimensions: 7150mm×1950mm×1500mm



Winch system for luffing jib
(wire rope included);

Weight: 9.5t

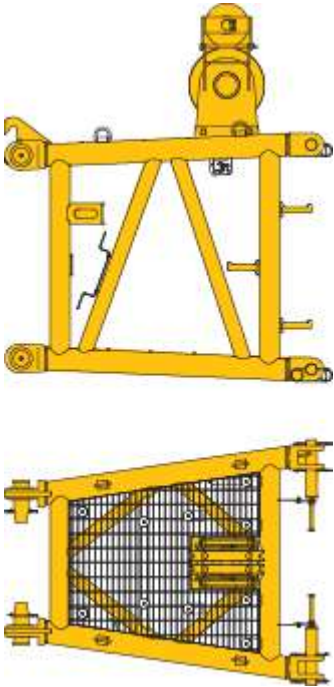
Dimensions: 2600mm×1900mm×2050m



Dimensions of parts to be transported

Weight: 1.3 t

Dimensions: 2280mm × 1700mm × 2600mm



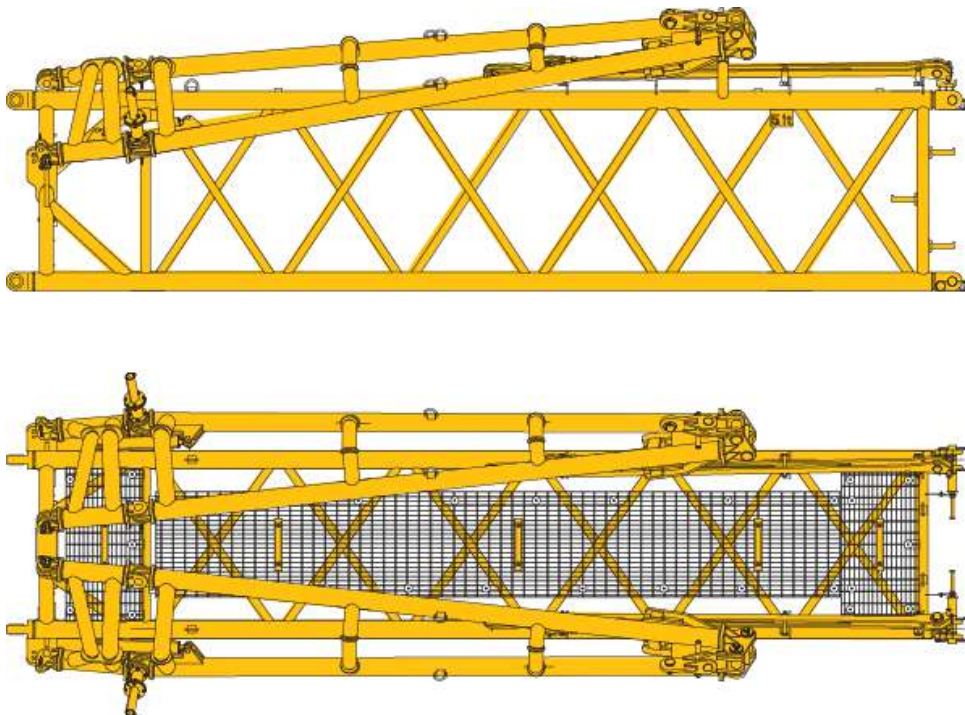
Weight: 2.9 t

Dimensions: 9200mm × 1700mm × 2900mm



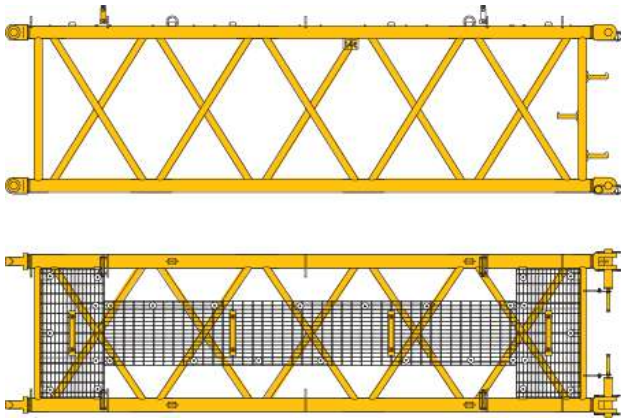
Wing-shape connecting bracket; Weight: 5.1 t;

Dimensions: 8300mm × 3000mm × 2500mm

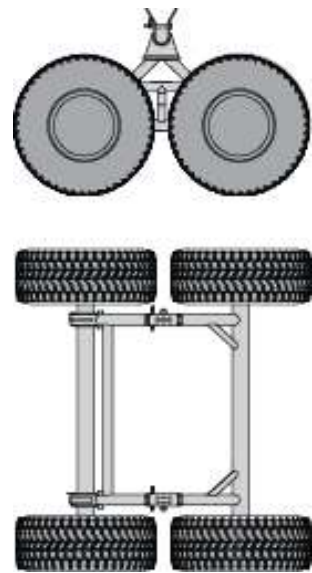


Dimensions of parts to be transported

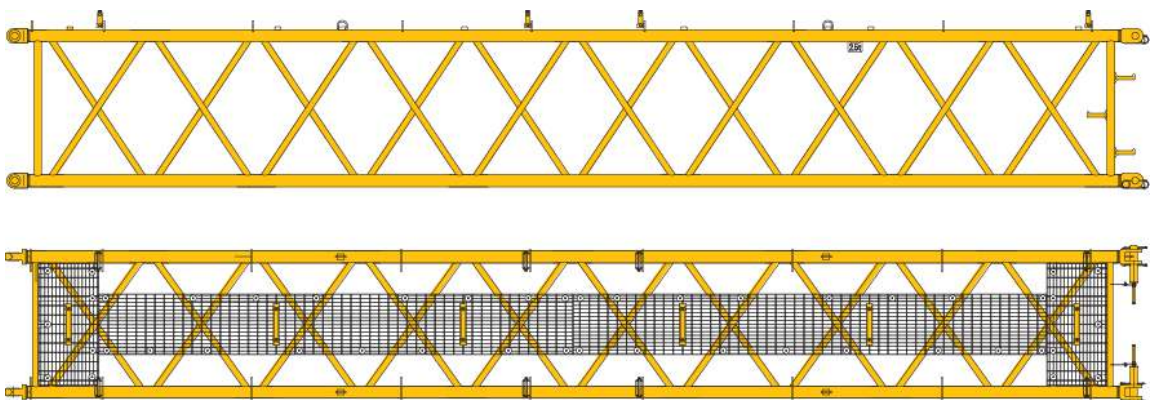
Extension assembly;
Weight: 1.4 t
Dimensions: 6300mm × 1700mm × 1900mm



Head section trolley;
Weight: 2.1 t
Dimensions: 2420mm × 2650mm × 1540mm

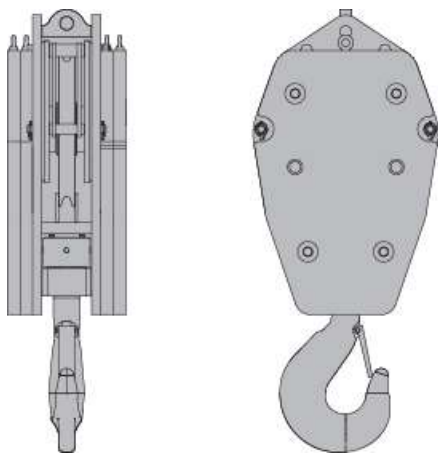


Extension assembly;
Weight: 2.5 t **Dimensions: 12300mm × 1700mm × 1900mm**

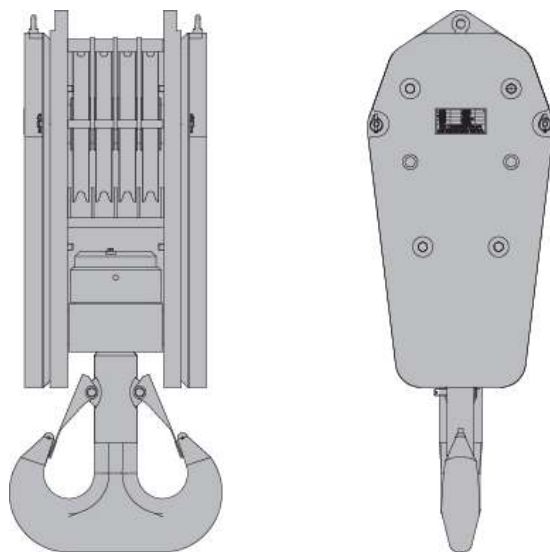


Dimensions of parts to be transported

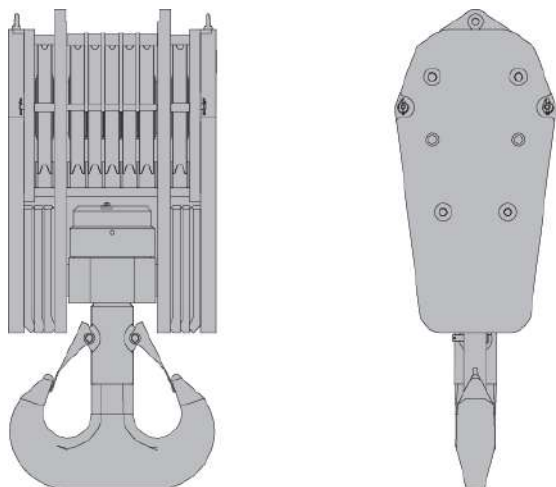
50 t hook block;
Weight: 1.5 t **Dimensions:**
1800mm×750mm×470mm



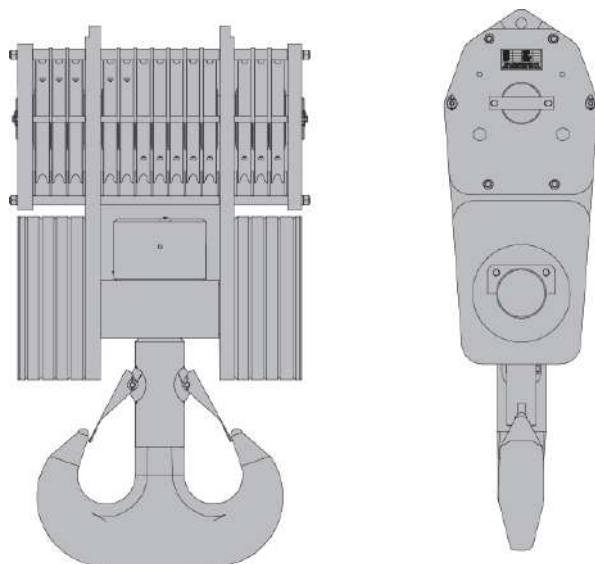
130 t hook block
Weight: 2.9 t
Dimensions: 2150mm×750mm×720mm



205 t hook block
Weight: 3.8 t
Dimensions: 2250mm×750mm×960mm

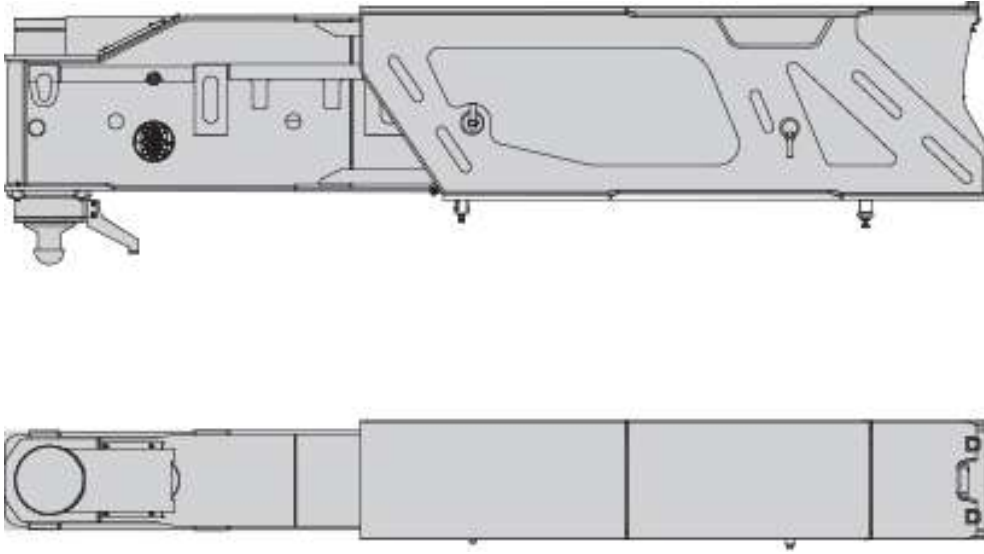


300 t hook block
Weight: 5.8 t
Dimensions: 2600mm×750mm×1450mm

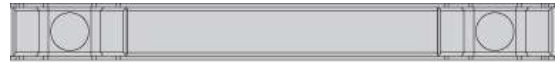


Dimensions of parts to be transported

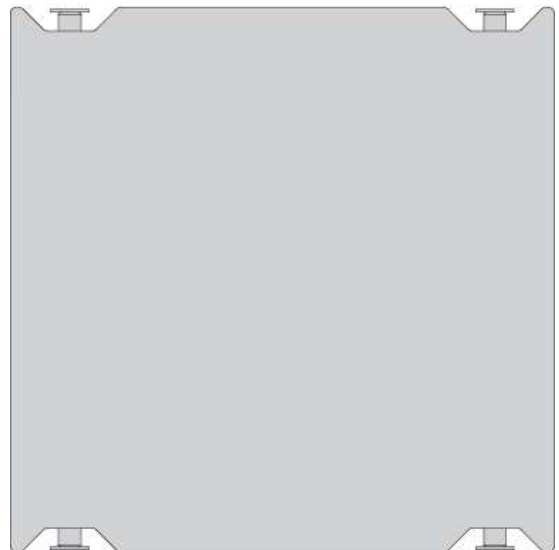
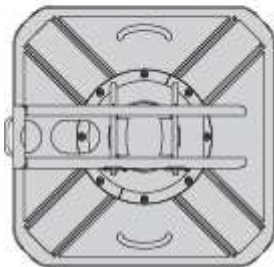
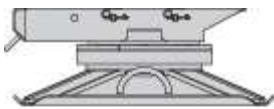
Rear outrigger × 2; Weight: 2.9 t × 2; Dimensions: 4650mm × 590mm × 1250mm



Outrigger pad × 4;
Weight: 4 t × 4;
Dimensions: 2000mm × 2000mm × 210mm



Outrigger float × 4;
Weight: 0.3 t × 4;
Dimensions: 700mm × 700mm × 260mm



Boom / Jib combinations



Boom

T:17.3~90.5 m



Super lifting device + boom

T:34.1~90.5 m

Boom / Jib combinations



Super lifting device + wind power jib

T:28.5~88.6 m
W:18 m

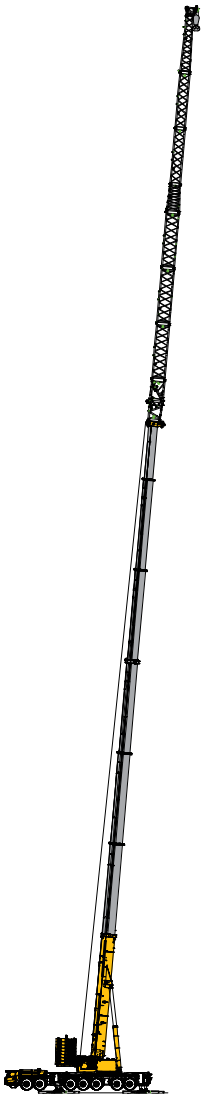
Super lifting device + wind power jib

T:28.5~88.6 m
W:24m

Super lifting device + wind power jib

T:28.5~88.6 m
W:36m

Boom / Jib combinations



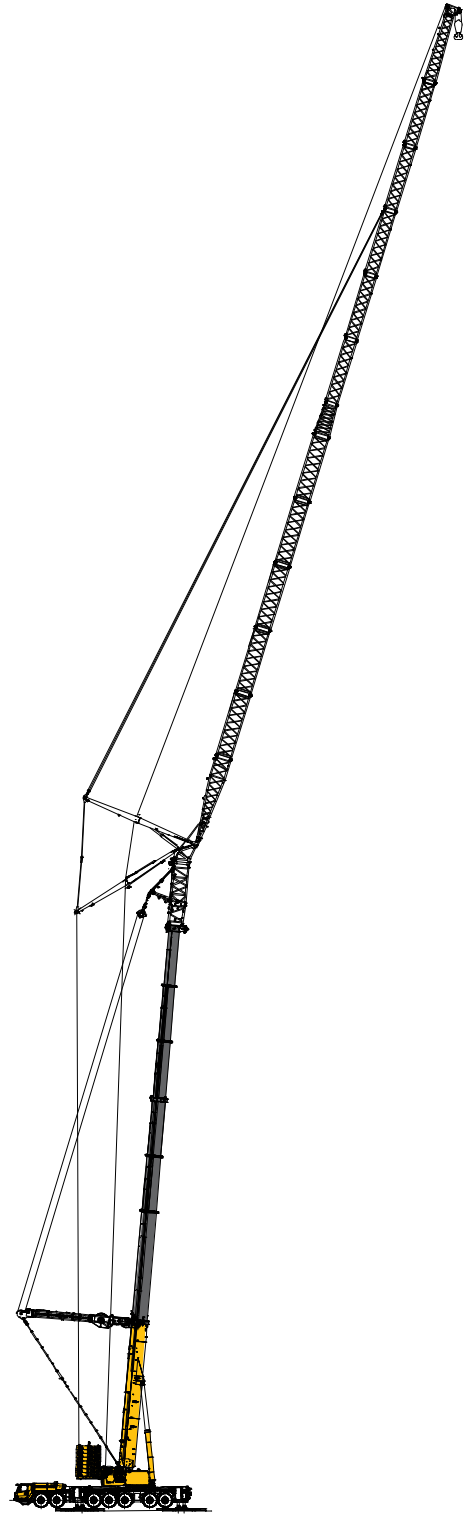
Fixed jib

T:51~84.6 m
F:14m ~ 56m
 α : 0°, 20°, 40°



Super lifting device +Fixed jib

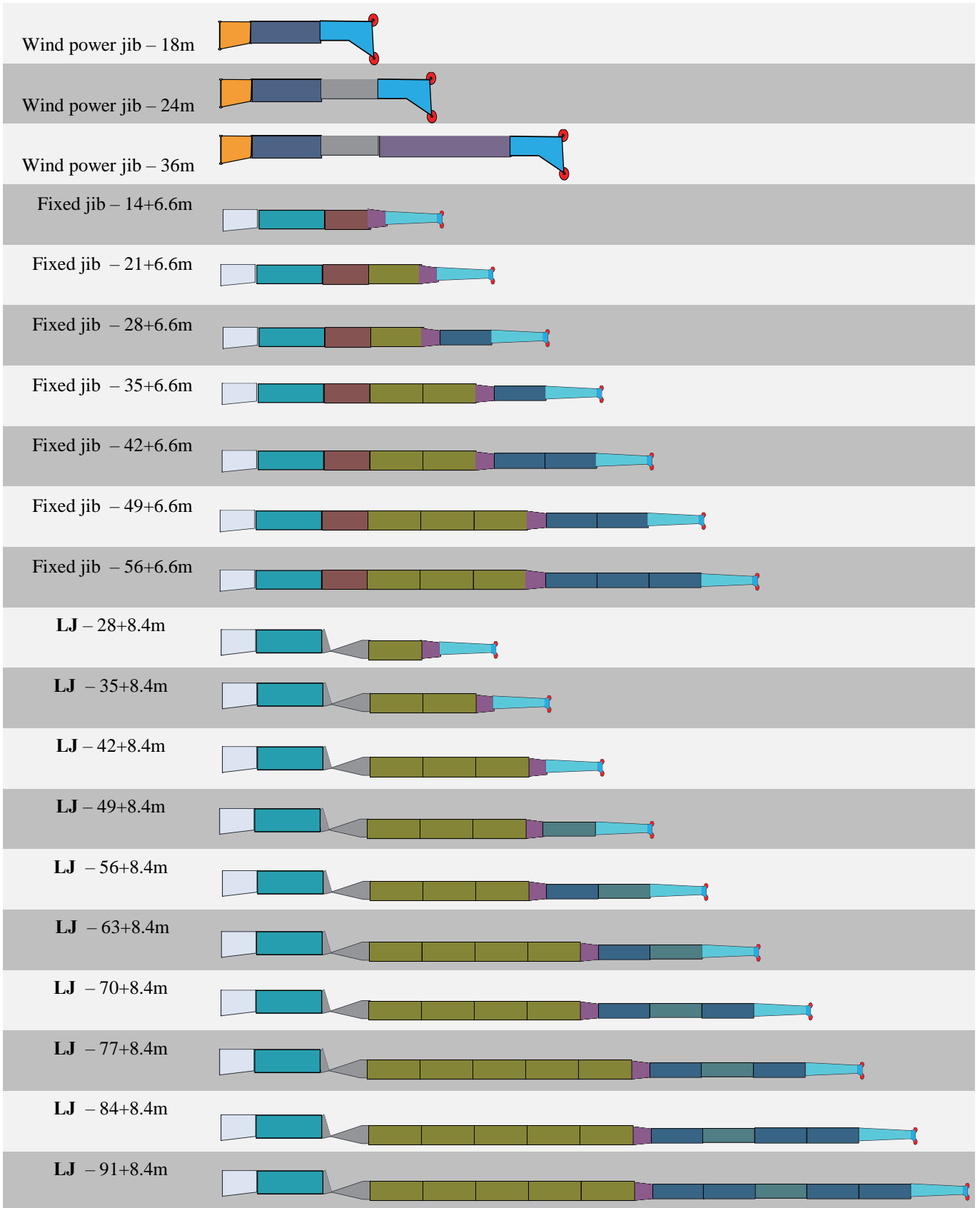
T:51~84.6 m
F:14m ~ 56m
 α : 0°, 20°, 40°

















Super lifting device + Luffing jib

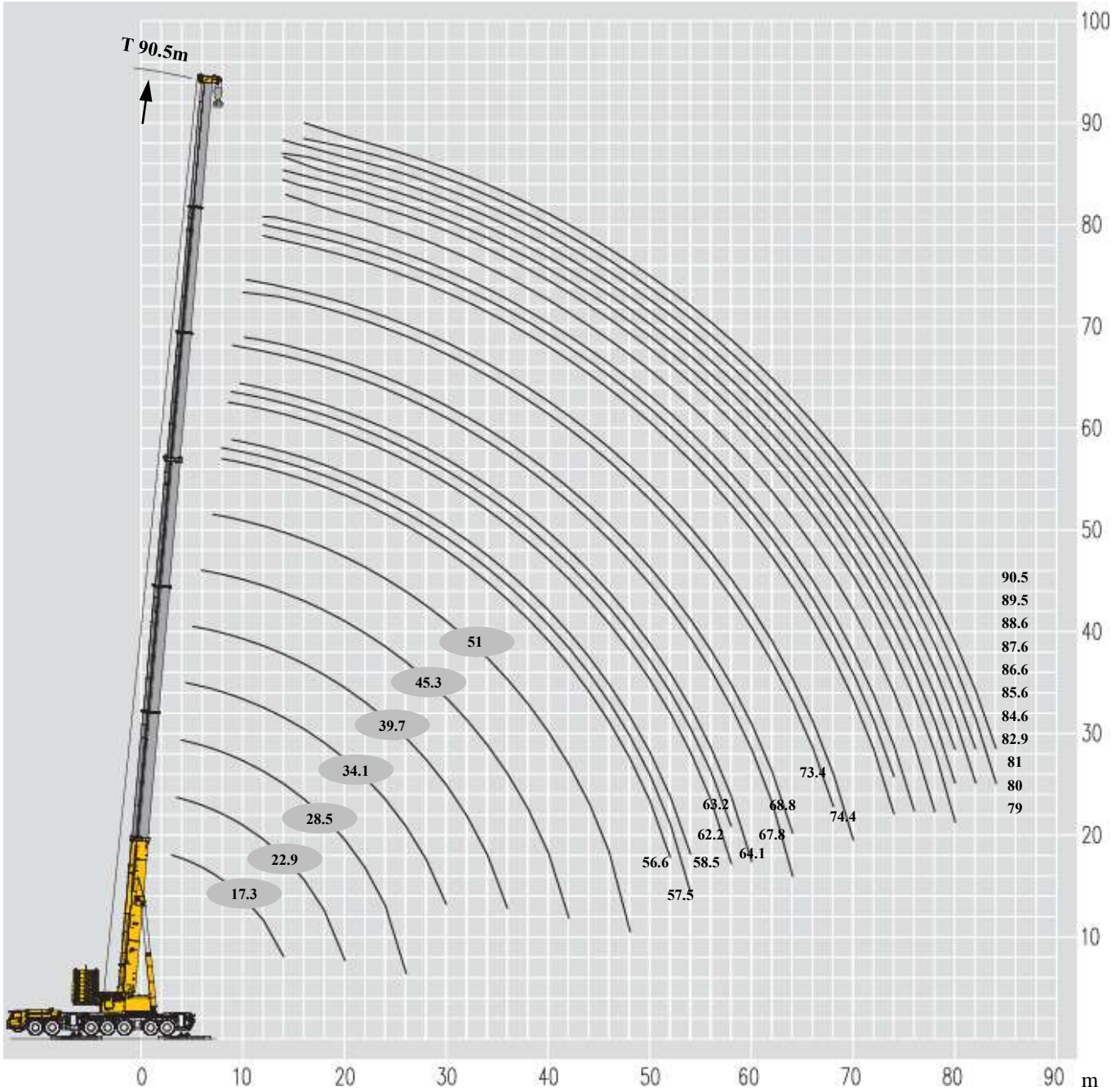
T:51~84.6 m
F:28m ~ 91m
 β : 85°, 77°, 69°

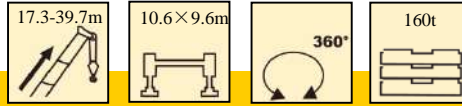
Boom / Jib combinations



Boom / Jib combinations

Component	Structure	Size (L×W×H) mm	Weight kg
Joint Frame assembly		2260×1620×2620	1300
Wing-type connecting bracket		8200×3000×2400	5260
6m Extension assembly		6200×1620×1900	1450
6m Extension assembly		12200×1620×1900	2520
Head section		9000×1700×3100	3050
Joint Frame assembly		2500×3000×1800	1610
Wing-type connecting bracket		4200×3100×2400	3530
Rotary bracket		4400×2400×2500	2940
7 m extension		7200×2260×1800	1310
Transition section		3700×2300×2200	1170
Small 7 m extension A		7200×1960×1500	1240
Small 7 m extension B		7200×1960×1500	1400
Head section		8600×2000×1800	2250
Fixing subassembly		14300×2500×3400	14030

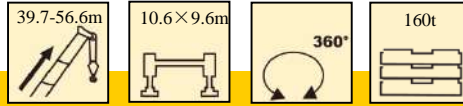




	17.3*	17.3	22.9	22.9	22.9	22.9	28.5	28.5	28.5	28.5	34.1	34.1	34.1	34.1	34.1	39.7	
3	700**	240.0															3
3.5	600	240.0	173.1	240.0	237.7	240.0											3.5
4	500	240.0	164.6	240.0	236.3	240.0	129.8	181.9	240.0	240.0							4
4.5	400	240.0	158.1	239.4	238.7	237.0	122.7	176.9	238.4	234.8	117.2	150.1	194.8	234.6	233.0		4.5
5	300	233.3	151.3	229.5	228.8	227.2	111.7	159.6	230.1	233.6	114.3	147.8	180.2	231.7	230.9	88.1	5
6	229.9	229.9	138.5	223.0	222.2	221.4	100.7	149.8	218.9	232.3	106.2	139.6	162.3	227.9	226.2	80.2	6
7	225.0	225.0	128.6	221.4	221.4	218.7	92.1	139.8	210.0	226.1	99.5	130.2	149.2	222.3	208.8	72.5	7
8	221.5	221.5	120.6	223.0	222.0	220.0	89.4	131.3	199.5	216.0	94.3	120.2	135.1	212.0	199.5	65.5	8
9	206.0	206.0	112.9	204.0	203.0	201.0	78.7	124.2	188.0	197.0	89.6	111.7	127.8	194.0	192.0	60.2	9
10	188.0	188.0	106.0	187.0	186.0	184.0	72.9	117.5	174.8	181.0	84.3	102.8	120.3	178.0	176.0	56.6	10
12	156.2	156.2	95.2	161.0	160.0	157.0	64.8	106.3	151.1	155.0	74.2	89.2	103.5	153.0	150.0	51.2	12
14	134.4	134.4	87.3	140.0	139.0	136.0	57.8	97.2	131.1	134.0	65.3	78.3	90.2	133.0	131.0	46.2	14
16			80.4	124.0	122.0	120.0	51.8	90.0	115.9	118.0	56.9	69.3	80.8	118.0	115.0	42.1	16
18			75.5	110.0	109.0	106.0	46.7	84.8	103.6	105.0	51.7	64.0	72.5	105.0	102.0	39.2	18
20			66.9	89.1	88.2	85.5	42.9	79.1	94.1	94.0	46.8	56.9	67.6	94.0	91.0	36.1	20
22							40.2	74.1	84.6	84.0	42.5	51.9	61.0	84.0	81.0	33.2	22
24							37.8	70.1	76.0	74.6	39.2	48.2	55.9	76.0	73.0	30.5	24
26							35.2	58.4	57.3	52.8	37.5	46.1	51.8	67.7	63.7	28.1	26
28											35.2	41.7	45.1	59.9	56.0	26.2	28
30											33.2	38.5	39.8	50.7	47.0	24.9	30
32											31.3	33.4	30.8	29.8	26.4	23.5	32
34																22.3	34
36																21.9	36
Parts of line	18	18	13	18	18	18	10	14	18	18	9	11	15	18	18	6	Parts of line
Code	000000	000000	000001	000010	000100	010000	000002	000011	000110	011000	000021	000210	002100	011100	111000	000022	Code

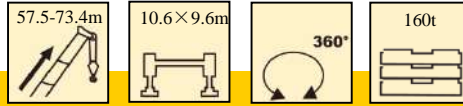
Note: * Over rear, **Capacity class

Lifting capacities with counterweight at the rear



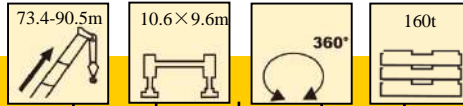
	39.7	39.7	39.7	45.3	45.3	45.3	45.3	51	51	51	51	56.6	56.6	56.6	56.6	
5	168.4	236.6	235.2													5
6	159.5	228.6	226.8	71.7	106.2	154.9	236.2									6
7	155.3	218.5	216.6	67.2	100.5	146.7	224.0	111.2	94.1	157.0	166.4					7
8	149.2	209.0	207.0	64.1	94.0	139.6	204.0	100.1	90.5	150.2	154.5	67.8	103.1	142.2	135.2	8
9	142.2	191.0	189.0	60.2	89.0	133.7	186.0	90.5	87.6	143.8	142.8	62.5	98.2	133.1	125.7	9
10	135.2	176.0	174.0	56.2	84.6	127.9	172.0	84.2	85.3	138.7	131.8	58.2	93.8	123.7	116.4	10
12	120.2	152.0	149.0	52.3	75.8	119.4	148.0	75.5	80.3	127.9	110.0	52.3	84.9	107.0	101.3	12
14	108.5	126.4	123.5	48.2	68.8	110.6	129.0	67.4	76.0	119.5	93.6	47.2	78.4	94.4	88.9	14
16	99.8	111.2	108.3	45.5	63.5	103.5	114.0	60.2	70.4	108.3	84.2	43.8	73.0	84.1	78.3	16
18	91.2	99.8	96.9	42.2	59.0	94.5	102.0	55.2	65.5	96.9	75.2	41.3	70.5	76.2	69.6	18
20	84.1	89.3	86.5	40.2	54.5	84.6	91.0	49.5	60.7	91.0	68.5	38.2	67.0	69.2	63.0	20
22	76.5	80.8	77.0	38.5	50.1	76.5	82.0	45.2	56.9	82.0	59.5	36.9	62.6	60.3	57.1	22
24	70.3	72.2	69.4	36.1	47.7	69.3	74.0	41.1	53.3	74.0	54.0	35.2	57.6	55.3	51.3	24
26	64.3	65.6	62.6	32.7	44.4	63.0	67.0	36.5	50.8	68.0	50.2	34.2	52.9	48.9	46.6	26
28	60.2	59.3	55.3	29.9	42.1	57.6	60.6	34.9	48.3	60.8	45.6	32.2	50.5	44.2	42.9	28
30	56.6	53.1	49.1	27.9	40.0	52.5	54.1	32.9	45.9	53.6	40.5	30.0	48.1	40.5	39.2	30
32	51.2	47.7	43.8	26.0	38.5	47.4	48.5	29.9	43.4	48.3	37.2	27.6	45.6	38.1	35.9	32
34	46.6	43.1	39.2	25.2	36.5	43.0	43.6	27.9	40.9	43.7	36.1	25.9	43.9	35.2	33.4	34
36	40.3	37.0	33.3	24.5	35.3	39.2	39.4	26.2	38.5	39.6	33.2	24.2	41.4	32.6	30.8	36
38				22.3	34.1	35.8	35.6	25.1	36.5	36.1	31.2	23.3	37.8	31.2	28.3	38
40				21.1	32.6	32.8	32.3	22.9	35.3	32.9	29.2	22.2	34.6	30.3	26.5	40
42				20.1	31.0	30.1	26.4	21.5	33.5	30.1	26.6	21.2	31.8	27.9	24.3	42
44								21.1	30.9	27.5	24.1	19.0	29.2	25.5	22.6	44
46								19.8	28.6	25.2	21.8	18.2	26.9	23.4	20.0	46
48								18.8	25.1	21.9	18.6	17.2	24.8	21.8	18.2	48
50												16.2	22.9	19.9	16.3	50
52												15.5	21.2	18.1	14.5	52
Parts of line	13	18	18	5	8	11	18	8	7	12	12	5	8	10	10	Parts of line
Code	001111	011110	111100	000122	001112	011111	111110	002211	011112	111111	211110	001222	111112	211111	222100	Code

Lifting capacities with counterweight at the rear

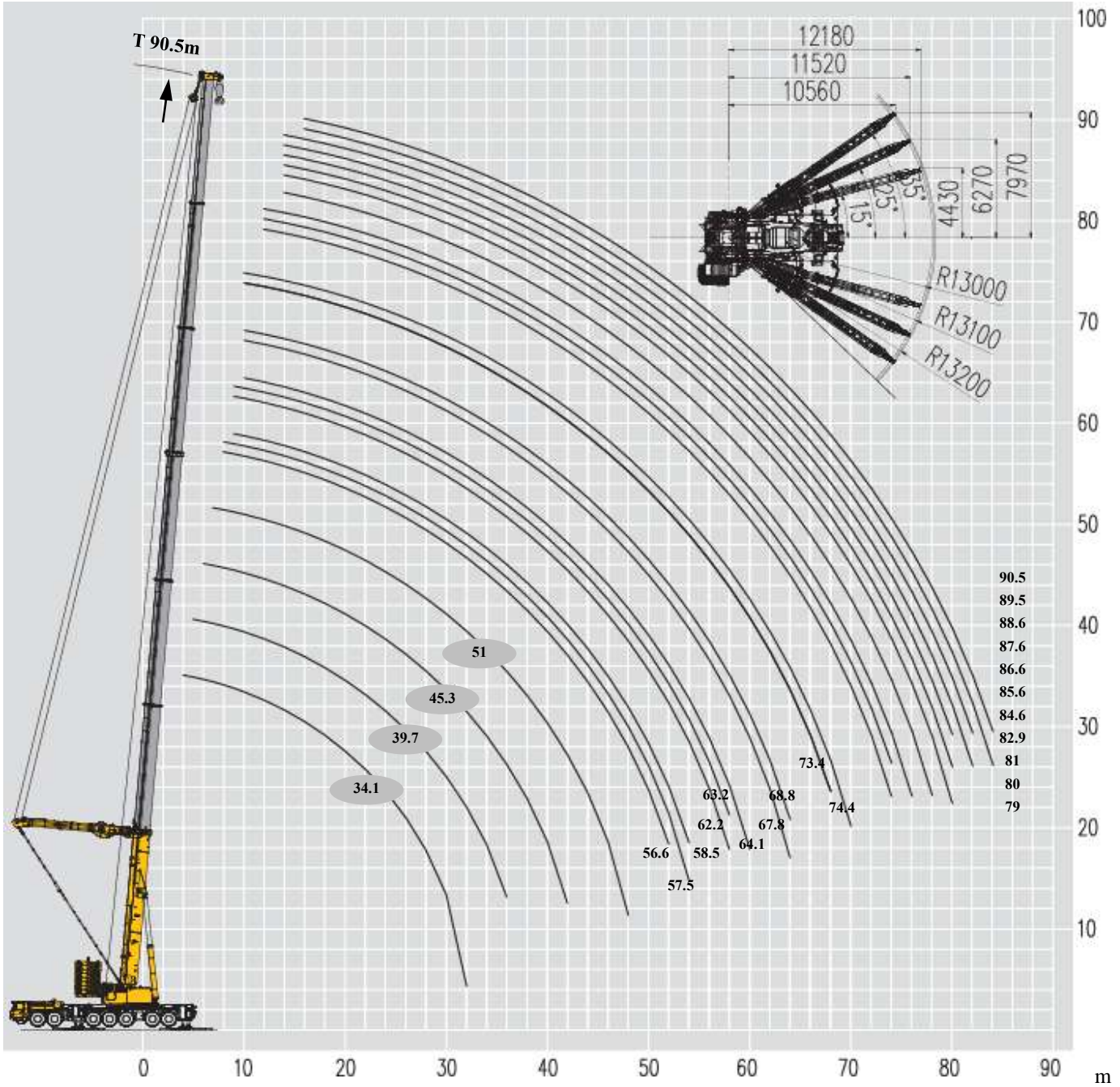


	57.5	58.5	62.2	62.2	62.2	62.2	63.2	64.1	67.8	67.8	67.8	67.8	68.8	73.4	73.4	
8	124.6															8
9	116.8	103.1	78.0	84.5	112.6	108.6	106.8									9
10	109.0	95.5	71.5	80.4	105.7	102.8	101.8	98.0	71.7	60.5	98.0	91.4	90.4	72.2	66.8	10
12	94.4	85.5	63.2	71.6	97.9	90.7	91.8	85.5	62.9	56.2	89.2	82.9	81.7	64.9	61.5	12
14	83.1	75.2	56.0	65.1	91.8	81.2	81.0	75.2	55.2	52.3	80.0	74.1	72.8	57.6	55.5	14
16	72.9	64.5	50.4	60.9	81.5	74.3	72.4	65.2	50.3	48.5	75.3	66.1	65.4	52.5	50.2	16
18	65.5	57.6	45.8	55.4	72.6	67.1	63.3	57.5	45.5	44.2	68.3	59.3	59.1	48.2	45.2	18
20	57.6	52.3	42.3	50.9	65.0	62.0	56.4	50.4	42.0	41.4	60.8	53.7	53.3	44.0	39.6	20
22	50.9	46.5	38.9	46.5	59.4	56.2	50.2	45.2	38.2	38.0	55.8	49.1	48.4	40.5	36.5	22
24	45.5	42.2	35.3	43.5	54.2	52.7	45.5	42.2	35.2	35.9	50.6	44.3	43.6	37.9	34.5	24
26	40.6	39.5	32.8	40.5	48.9	47.4	42.5	38.5	33.2	34.5	46.8	40.8	40.0	34.5	33.0	26
28	38.1	36.0	30.4	38.2	44.8	43.1	38.7	36.2	31.0	33.2	42.8	37.2	36.4	32.1	31.9	28
30	35.5	34.5	28.0	36.0	42.2	40.3	36.0	34.2	28.2	32.5	39.1	33.8	34.0	29.7	30.5	30
32	32.2	32.8	26.5	34.2	38.2	36.4	33.2	31.8	26.2	31.2	35.9	31.4	30.4	27.6	29.0	32
34	29.5	29.5	24.3	32.5	34.2	33.7	31.0	29.0	25.5	30.5	33.0	29.0	28.1	25.8	28.0	34
36	26.5	26.9	23.0	30.5	32.0	31.0	28.5	27.1	24.0	29.5	30.5	26.6	26.2	23.9	26.9	36
38	25.2	24.8	21.8	29.9	28.5	29.0	27.8	24.7	23.0	28.5	27.5	24.7	24.2	22.6	25.2	38
40	23.0	22.4	20.0	27.8	26.9	26.5	25.5	23.4	21.8	28.6	25.2	23.2	22.8	20.8	24.2	40
42	21.2	21.5	18.8	26.5	24.0	25.2	23.2	21.6	20.6	27.3	22.5	21.8	21.2	19.5	23.0	42
44	19.8	19.5	17.7	25.5	22.8	23.6	21.5	20.4	19.3	25.9	20.5	20.1	19.7	18.3	22.5	44
46	18.2	17.5	16.9	24.5	21.6	21.8	20.5	18.6	18.1	24.6	18.9	18.7	18.2	17.1	21.7	46
48	17.1	16.8	15.9	23.0	20.0	20.4	18.9	17.4	17.3	22.6	17.5	17.5	17.0	16.4	20.6	48
50	15.3	15.3	14.9	22.0	18.4	18.8	17.2	15.5	16.1	21.4	16.3	16.3	15.7	15.3	19.6	50
52	13.7	13.6	14.1	21.0	16.7	17.0	16.5	14.9	15.5	20.6	15.0	15.0	14.4	14.4	18.6	52
54	12.1	12.1	13.4	19.5	15.2	15.3	15.2	13.6	14.9	19.5	14.5	13.9	13.2	13.5	17.9	54
56			12.7	18.0	13.8	13.8	14.3	12.2	14.3	18.8	13.6	13.0	12.6	12.9	17.2	56
58			12.0	16.7	12.5	12.3	13.3	10.9	13.6	18.0	13.5	11.9	11.7	12.2	15.9	58
60								9.7	12.9	16.8	12.8	10.7	10.6	11.6	15.1	60
62									12.2	15.6	11.5	9.6	9.5	10.9	15.0	62
64									11.5	14.5	10.4	8.6	8.4	10.2	14.3	64
66														9.5	13.5	66
68														8.8	12.7	68
Parts of line	9	8	6	6	8	8	8	7	5	5	7	7	7	5	5	Parts of line
Code	322100	332100	002222	111122	221111	222110	321111	332110	012222	111222	222111	222210	322210	022222	112222	Code

Lifting capacities with counterweight at the rear



	73.4	73.4	74.4	79	79	80	81	82.9	84.6	85.6	86.6	87.6	88.6	89.5	90.5	
10	93.7	79.7	79.4													10
12	81.5	73.7	73.1	67.2	71.1	63.9	58.9									12
14	72.0	67.6	66.8	62.4	67.0	60.1	56.3	57.4	52.4	52.0	48.7	47.4	45.9			14
16	65.5	61.7	62.0	57.6	62.8	56.3	53.7	53.0	49.6	49.5	47.2	45.2	44.2	42.9	38.0	16
18	59.5	56.0	55.5	53.7	58.3	52.3	50.8	48.6	46.7	46.6	45.6	42.2	41.9	39.2	35.5	18
20	54.6	51.3	50.6	49.8	53.6	48.1	46.7	45.1	44.0	43.8	43.6	39.5	38.5	36.2	33.2	20
22	48.5	46.5	46.0	46.5	49.5	44.1	43.5	41.7	41.3	41.4	40.6	37.2	36.3	33.2	31.5	22
24	44.5	42.4	42.3	42.9	45.6	40.8	40.2	38.3	38.7	38.3	37.6	34.2	33.6	29.9	29.5	24
26	39.5	38.8	38.8	39.5	42.4	37.4	36.7	35.6	35.4	35.8	35.0	31.2	30.5	27.7	27.6	26
28	36.7	35.7	35.4	36.6	39.0	34.5	33.3	33.1	33.1	33.2	32.6	29.0	28.5	27.0	26.9	28
30	34.5	33.4	32.0	33.9	35.7	32.1	31.0	30.6	31.0	31.4	31.1	27.2	26.5	26.1	26.0	30
32	32.5	31.0	29.6	31.2	33.0	29.7	28.9	28.3	29.1	28.7	28.3	25.2	24.7	24.3	24.0	32
34	30.5	28.6	27.5	29.0	30.2	27.5	26.8	26.5	28.1	27.0	26.6	23.5	23.4	23.3	23.2	34
36	28.2	26.1	25.4	27.0	28.8	25.7	25.0	24.5	26.8	25.1	24.8	23.2	23.1	23.0	22.9	36
38	27.0	24.5	23.7	25.5	26.9	24.7	23.2	22.5	24.9	23.2	23.3	22.5	22.0	21.6	21.5	38
40	25.8	22.3	22.1	23.5	24.2	23.3	22.0	20.5	23.6	21.9	21.8	21.3	21.1	20.6	20.5	40
42	23.8	20.9	20.7	21.5	22.9	21.5	20.7	18.5	21.5	21.9	21.3	20.5	20.0	19.5	19.2	42
44	22.5	19.7	19.5	19.5	21.9	20.0	18.5	17.5	19.9	20.6	19.9	19.7	19.0	18.5	18.2	44
46	21.1	18.5	18.3	18.0	19.9	18.2	17.5	16.5	18.3	19.2	18.4	18.2	17.5	17.2	17.0	46
48	19.7	17.3	17.1	17.0	18.5	16.8	16.5	15.5	17.1	18.8	18.1	17.3	17.0	16.8	16.5	48
50	17.3	16.0	15.3	16.3	16.9	15.5	15.2	14.5	16.3	17.4	17.2	16.4	16.3	16.2	16.0	50
52	16.9	14.7	14.5	15.9	15.3	14.2	14.5	14.0	15.5	16.4	15.7	15.3	15.2	15.1	15.0	52
54	15.5	13.8	13.2	14.8	14.2	13.5	13.5	13.2	14.8	15.2	14.7	13.8	13.6	13.5	13.4	54
56	14.5	12.8	12.3	14.0	13.2	12.6	12.5	12.5	14.1	14.4	14.1	13.3	13.0	12.9	12.8	56
58	13.8	12.0	11.6	13.2	12.5	12.2	11.5	11.5	13.2	13.7	13.4	12.5	12.4	12.3	12.2	58
60	12.5	11.3	10.6	12.5	11.8	11.6	10.8	10.9	12.4	12.3	12.0	11.9	11.8	11.7	11.7	60
62	11.7	10.2	9.8	12.2	11.0	11.0	10.2	10.0	11.7	11.5	11.2	11.2	11.1	11.1	11.1	62
64	11.0	9.6	9.5	11.5	10.5	10.5	9.2	9.2	11.1	10.2	10.5	10.9	10.7	10.4	10.5	64
66	10.0	8.7	8.5	10.5	9.9	10.0	8.5	8.6	10.6	9.9	9.8	10.1	9.9	9.7	9.8	66
68	9.0	7.7	7.6	9.6	9.8	9.2	8.1	7.9	9.9	8.9	9.5	9.4	9.2	9.0	8.8	68
70			6.7	9.5	9.0	8.8	7.9	7.5	9.2	8.2	9.0	8.6	8.4	8.3	8.0	70
72				9.4	8.1	7.9	7.5	7.0	8.4	7.5	8.2	7.9	7.8	7.7	7.3	72
74				9.3	7.2	6.9	7.0	6.6	7.8	6.7	7.5	7.4	7.3	7.2	6.7	74
76							6.2	6.0	7.5	6.5	6.9	6.9	6.8	6.7	5.9	76
78								5.5	6.8	6.2	6.6	6.5	6.3	6.3	5.6	78
80									6.1	5.5	5.6	5.6	5.6	5.5	5.4	80
82												4.8	4.8	5.4	5.1	82
84														4.7	4.8	84
Parts of line	7	6	6	5	5	5	4	4	4	4	4	4	4	3	3	Parts of line
Code	222211	222220	322220	122222	222221	322221	332221	333321	222222	322222	332222	333222	333322	333332	333333	Code



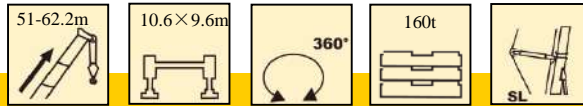
T 34.1~45.3m

Lifting capacities with counterweight at the rear and 35° deployed angle



	34.1	34.1	34.1	34.1	34.1	39.7	39.7	39.7	39.7	45.3	45.3	45.3	45.3	
4	168.9	240.0	240.0	240.0	240.0									4
4.5	168.9	240.0	240.0	240.0	240.0									4.5
5	168.9	239.5	239.5	240.0	240.0	158.0	236.8	238.7	237.0					5
6	156.6	233.1	232.2	231.3	232.1	149.1	229.5	227.7	225.9	145.6	210.8	209.2	222.3	6
7	147.6	212.4	210.6	209.7	224.1	140.4	208.8	207.0	205.2	138.0	206.1	204.3	201.6	7
8	140.4	192.6	190.8	189.9	209.0	132.1	189.9	193.3	185.4	129.6	187.2	185.4	183.6	8
9	134.0	175.5	173.7	172.8	190.0	126.8	173.7	186.2	169.2	124.2	176.3	169.2	173.0	9
10	130.3	161.1	159.3	158.4	174.0	121.7	159.3	175.0	154.8	119.7	170.8	164.4	165.9	10
12	124.0	137.7	135.9	135.0	147.0	115.5	136.8	149.0	132.3	114.0	147.2	141.6	146.0	12
14	118.1	119.7	117.0	117.0	127.0	108.0	118.8	130.0	114.3	106.4	129.1	123.5	127.0	14
16	112.2	105.3	102.6	101.7	111.0	107.1	104.4	114.0	99.9	106.2	113.7	108.3	111.0	16
18	98.1	92.7	90.9	90.0	97.0	100.7	93.6	101.0	88.2	99.8	100.9	96.9	99.0	18
20	87.2	82.8	81.0	80.1	86.0	87.4	83.7	90.0	78.3	85.5	91.2	86.5	88.0	20
22	79.1	74.7	72.0	71.1	76.0	79.1	75.6	81.0	70.2	82.7	82.6	80.4	79.0	22
24	70.1	66.0	63.4	62.5	67.0	76.8	68.4	71.5	62.1	76.1	70.8	68.1	71.0	24
26	63.5	59.0	56.3	55.4	60.0	70.1	61.2	61.8	55.8	68.2	61.3	60.3	64.0	26
28	58.0	52.8	50.1	49.0	51.8	61.1	55.8	56.1	49.5	62.4	55.1	54.9	57.0	28
30	49.5	46.8	43.7	42.6	43.9	56.6	50.4	50.1	43.8	56.6	51.0	49.8	50.4	30
32	23.4	21.1	18.8	18.0	15.9	52.2	45.3	44.3	38.3	52.8	46.4	45.3	44.7	32
34						47.7	40.5	39.3	33.5	47.8	41.4	40.5	38.8	34
36						37.5	34.5	33.7	28.7	43.4	37.0	35.5	34.4	36
38										39.4	34.7	32.6	31.2	38
40										31.7	31.4	29.3	27.6	40
42										25.3	24.9	24.6	21.6	42
Parts of line	13	18	18	18	18	12	18	18	18	11	16	16	17	Parts of line
Code	000021	000210	002100	011100	111000	000022	001111	011110	111100	000122	001112	011111	111110	Code

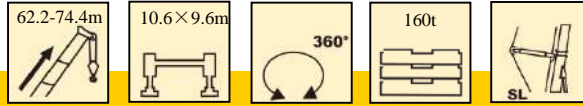
Lifting capacities with counterweight at the rear and 35° deployed angle



	51	51	51	51	56.6	56.6	56.6	56.6	57.5	58.5	62.2	62.2	62.2	
7	189.6	200.7	194.5	197.1										7
8	182.7	182.7	180.9	179.1	126.5	183.2	182.3	174.6	173.7					8
9	171.1	167.4	174.9	163.8	124.0	168.2	170.1	159.3	159.3	158.4	155.2	157.5	158.4	9
10	165.9	154.8	169.0	150.3	119.0	150.3	156.3	146.7	145.8	145.0	146.4	145.2	145.8	10
12	147.0	133.2	145.0	128.7	111.7	132.5	142.0	126.0	125.1	124.4	129.6	131.6	136.8	12
14	129.0	116.1	127.0	111.6	105.1	113.4	124.0	108.9	108.9	107.4	117.0	118.8	122.0	14
16	113.4	102.6	111.0	98.1	102.6	99.9	109.0	95.4	95.4	94.9	104.4	104.5	107.0	16
18	101.0	91.8	99.0	86.4	99.7	89.1	97.0	84.6	84.6	84.1	98.8	95.5	95.0	18
20	91.0	81.9	89.0	77.4	85.5	80.1	87.0	75.6	75.6	74.7	88.3	85.4	85.0	20
22	82.0	74.7	80.0	69.3	81.7	72.9	78.0	67.5	67.5	66.0	80.7	76.8	77.0	22
24	75.0	67.5	71.2	62.1	75.0	65.7	70.0	60.3	60.3	59.0	73.1	69.4	69.0	24
26	68.0	61.2	61.8	55.8	68.4	61.4	59.9	54.0	54.0	52.8	67.3	64.0	62.0	26
28	62.0	55.8	56.1	50.4	62.7	55.8	54.2	48.6	48.6	47.5	61.7	58.8	56.0	28
30	56.0	51.3	51.3	45.9	57.8	49.5	49.4	44.1	44.1	43.1	57.0	50.6	48.5	30
32	52.0	46.8	46.6	40.9	54.0	45.0	44.7	39.6	39.6	38.7	53.0	45.9	44.7	32
34	47.0	42.9	41.8	36.3	50.0	41.4	40.9	35.1	35.1	34.3	49.0	42.3	40.9	34
36	42.7	38.8	37.5	32.1	46.0	37.7	36.6	31.2	31.2	30.5	45.0	38.7	36.1	36
38	38.6	35.1	33.2	28.5	42.1	34.1	32.8	27.6	27.6	27.0	42.0	35.1	32.8	38
40	35.0	31.8	29.2	25.3	38.4	30.8	27.9	24.4	24.4	23.9	38.0	32.2	29.4	40
42	31.7	28.9	26.2	22.4	35.2	27.9	25.0	21.5	21.5	21.1	35.0	29.3	25.0	42
44	28.7	26.2	23.0	19.7	32.3	25.3	22.3	18.9	18.9	18.5	32.2	26.7	22.4	44
46	26.0	22.5	20.5	17.3	29.6	22.9	20.0	16.6	16.5	16.2	29.6	24.3	19.6	46
48	16.3	15.6	13.4	10.7	27.2	20.7	16.8	14.4	14.4	14.1	27.2	22.1	17.5	48
50					24.9	18.7	14.0	12.4	12.4	12.2	25.0	20.2	15.6	50
52					22.8	16.8	12.1	10.6	10.6	10.5	23.0	18.3	13.8	52
54									7.7	6.0	21.1	16.7	11.3	54
56											19.3	15.1	9.7	56
58											15.9	13.6	9.4	58
Parts of line	14	15	15	15	9	14	14	13	13	12	11	12	12	Parts of line
Code	002211	011112	111111	211110	001222	111112	211111	222100	322100	332100	002222	111122	221111	Code

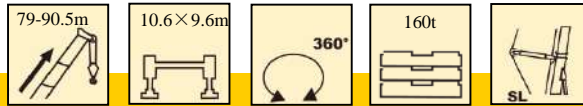
T 62.2~74.4m

Lifting capacities with counterweight at the rear and 35° deployed angle

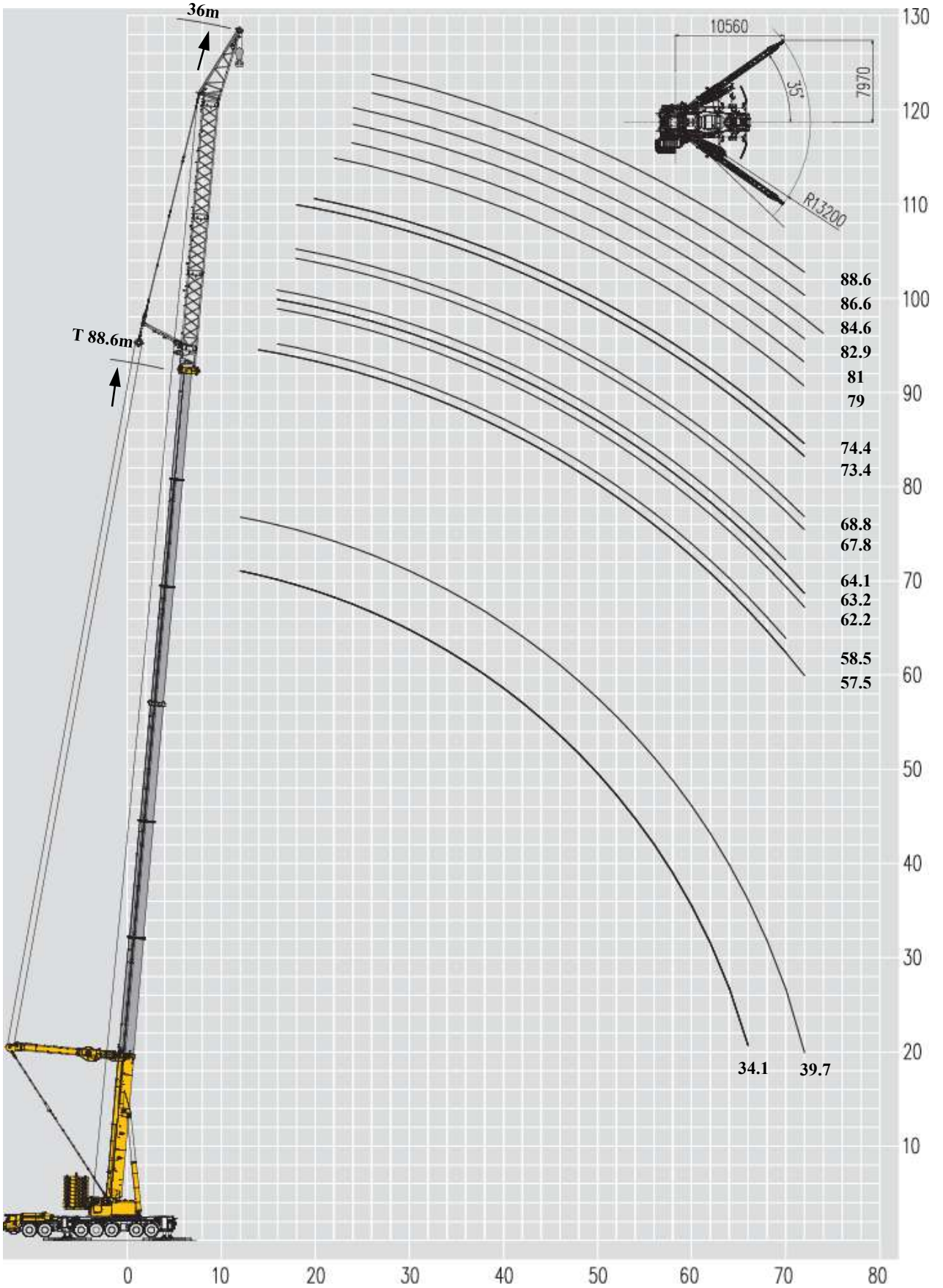


	62.2	63.2	64.1	67.8	67.8	67.8	67.8	68.8	73.4	73.4	73.4	73.4	74.4	
9	157.5	158.4												9
10	144.9	145.8	144.0	104.7	124.9	134.4	128.8	126.4	131.1	108.0	133.0	131.7	129.5	10
12	124.2	125.1	123.3	99.3	112.0	128.1	123.3	122.4	119.7	98.0	115.6	114.8	114.8	12
14	108.0	108.9	108.0	93.0	107.4	119.3	107.1	107.1	107.7	92.6	109.7	105.0	105.0	14
16	95.4	96.3	94.5	90.2	98.1	106.0	94.5	94.3	98.7	85.6	105.0	93.6	92.6	16
18	84.6	85.5	84.6	83.3	88.2	94.0	84.6	83.7	89.1	81.6	93.0	83.7	82.8	18
20	75.6	76.5	75.6	77.4	86.4	84.0	75.6	74.3	80.9	77.4	84.0	75.6	73.9	20
22	68.4	69.3	67.5	74.9	77.8	76.0	67.5	67.1	72.8	73.5	76.0	67.5	66.8	22
24	61.2	62.1	60.3	72.2	71.2	68.0	61.2	60.9	66.6	68.2	68.0	61.2	60.5	24
26	54.9	55.8	54.9	67.0	62.7	62.0	54.9	54.6	64.5	62.4	62.0	54.9	54.3	26
28	49.5	50.4	49.5	61.0	57.0	56.0	49.5	49.2	60.0	59.0	56.0	50.4	49.8	28
30	45.0	45.9	45.0	56.0	49.5	51.0	45.0	44.8	55.0	54.0	51.0	45.9	45.4	30
32	40.5	41.8	40.5	52.0	45.9	47.0	41.4	41.2	50.0	50.0	47.0	41.4	40.9	32
34	36.0	37.4	36.0	48.0	42.3	43.0	37.8	35.8	46.0	46.0	43.0	37.8	37.4	34
36	33.2	33.8	32.4	44.0	38.7	38.0	33.3	33.1	43.0	42.0	38.0	34.2	33.8	36
38	29.6	30.6	29.5	40.0	35.1	35.0	30.6	30.4	39.0	38.0	35.0	31.5	30.3	38
40	26.4	27.4	26.3	37.0	32.4	31.5	27.6	27.3	36.0	35.0	32.0	28.8	28.5	40
42	23.5	24.6	23.5	34.0	29.7	27.5	24.7	24.5	33.0	33.0	28.7	26.1	25.7	42
44	20.9	22.0	20.9	31.6	27.4	24.7	22.1	22.0	31.0	30.0	25.1	23.5	23.1	44
46	18.6	19.5	18.5	29.0	25.0	21.5	19.8	19.6	28.4	27.9	21.9	21.1	20.8	46
48	16.4	17.4	16.4	26.6	22.9	19.2	17.6	17.5	26.1	25.5	20.0	19.0	18.7	48
50	14.5	15.5	14.4	24.4	18.6	16.8	15.7	15.6	23.9	23.3	17.8	17.1	16.8	50
52	12.7	13.7	12.6	22.4	17.0	15.0	13.9	13.8	21.9	21.3	16.1	15.3	15.0	52
54	11.0	11.2	10.9	20.6	15.5	12.9	12.2	12.2	20.0	19.5	14.3	13.6	13.4	54
56	9.4	9.6	9.2	18.8	14.1	11.5	10.7	10.6	18.3	17.8	12.4	12.1	11.9	56
58	8.0	7.2	6.2	17.2	12.8	9.8	9.3	9.2	16.8	16.2	11.0	10.7	10.5	58
60			6.6	14.2	11.5	8.2	8.0	7.9	15.3	14.7	9.7	9.4	9.2	60
62				12.9	10.5	7.0	6.7	6.6	13.9	13.3	8.0	8.1	8.0	62
64				8.8	8.2	4.9	4.7	3.9	12.0	9.6	6.5	7.0	6.8	64
66									10.8	8.7	5.5	5.9	5.7	66
68									9.7	7.7	4.9	4.9	4.7	68
70													3.7	70
Parts of line	12	12	11	8	9	10	9	9	10	8	10	10	9	Parts of line
Code	222110	321111	332110	012222	111222	222111	222210	322210	022222	112222	222211	222220	322220	Code

Lifting capacities with counterweight at the rear and 35° deployed angle


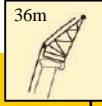
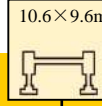





	79	79	80	81	82.9	84.6	85.6	86.6	87.6	88.6	89.5	90.5	
12	119.5	114.0	110.4	107.4									12
14	108.5	103.0	100.5	98.4	93.3	87.5	86.1	84.8	83.7	81.0			14
16	99.2	93.6	89.4	88.6	89.6	85.2	84.0	82.8	82.1	79.6	74.1	66.8	16
18	91.7	88.4	82.8	81.9	81.0	82.8	81.9	80.9	80.5	78.1	72.3	63.9	18
20	83.6	83.0	77.2	76.4	76.9	76.6	74.7	74.7	73.8	73.2	70.6	61.1	20
22	76.0	75.0	71.6	71.3	71.3	70.2	67.5	66.8	66.8	66.8	66.6	58.2	22
24	69.3	68.0	67.7	68.0	67.0	67.4	63.9	63.9	63.2	62.6	60.3	55.8	24
26	62.7	62.0	62.0	61.0	61.0	62.0	58.3	58.3	56.7	56.1	54.9	53.0	26
28	57.9	56.0	55.7	55.7	55.4	57.0	53.8	53.2	52.6	51.5	50.4	50.1	28
30	53.0	51.0	51.0	51.0	51.0	52.0	49.5	49.5	49.0	47.9	46.9	48.6	30
32	49.0	47.0	47.0	47.0	47.0	47.0	45.6	45.1	44.7	44.4	44.2	46.5	32
34	45.0	43.0	43.0	43.0	43.0	44.0	43.0	43.0	43.0	43.0	43.0	43.0	34
36	40.0	38.0	38.0	38.0	38.0	39.0	39.0	39.0	38.0	38.0	38.0	39.0	36
38	37.0	35.0	35.0	34.9	34.7	36.0	36.0	36.0	36.0	35.0	36.0	36.0	38
40	34.0	33.0	32.0	32.0	32.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	40
42	32.0	30.0	30.0	30.0	30.0	31.0	31.0	30.0	30.0	30.0	30.0	30.0	42
44	30.0	27.7	27.6	27.0	27.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	44
46	27.4	25.1	24.9	24.9	24.8	26.0	26.0	26.0	26.0	26.0	26.0	26.0	46
48	25.0	22.7	22.6	22.5	22.7	24.0	24.0	23.9	23.9	24.0	24.0	24.0	48
50	22.9	20.6	20.4	20.4	20.6	21.9	21.8	21.7	21.8	21.9	22.0	22.2	50
52	20.9	18.6	18.5	18.4	18.6	20.0	19.8	19.8	19.8	19.9	20.0	20.2	52
54	19.0	16.8	16.6	16.6	16.6	18.1	18.0	17.9	18.0	18.1	18.2	18.4	54
56	17.3	15.0	14.9	14.9	14.9	16.5	16.3	16.3	16.3	16.4	16.5	16.7	56
58	15.8	13.5	13.4	13.3	13.4	14.9	14.7	14.7	14.7	14.8	15.0	15.2	58
60	14.3	12.1	11.9	11.9	11.9	13.4	13.3	13.2	13.3	13.4	13.5	13.7	60
62	13.0	10.7	10.6	10.5	10.6	12.1	11.9	11.9	11.9	12.0	12.2	12.4	62
64	11.7	9.4	9.3	9.3	9.3	10.8	10.7	10.6	10.7	10.8	10.9	11.1	64
66	10.5	8.2	8.1	8.1	8.0	9.6	9.5	9.4	9.5	9.6	9.7	9.9	66
68	9.4	6.8	6.9	7.0	7.1	8.5	8.4	8.3	8.4	8.5	8.6	8.8	68
70	8.3	5.7	5.9	5.9	6.0	7.5	7.3	7.3	7.3	7.4	7.6	7.8	70
72	7.3	4.8	4.7	4.7	4.9	6.5	6.3	6.3	6.3	6.4	6.6	6.8	72
74	6.3	3.9	3.8	3.8	4.0	5.5	5.4	5.4	5.4	5.5	5.7	5.9	74
76				2.9	3.1	4.6	4.5	4.5	4.5	4.6	4.8	5.0	76
78						3.8	3.7	3.6	3.7	3.8	3.9	4.1	78
80						3.0	2.8	2.8	2.9	3.0	3.1	3.3	80
Parts of line	9	8	8	8	7	6	6	6	6	6	5	5	Parts of line
Code	122222	222221	322221	332221	333321	222222	322222	332222	333222	333322	333332	333333	Code



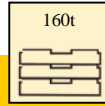
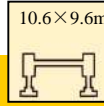
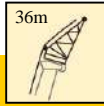
Lifting capacities with counterweight at the rear

T 34.1~67.8m

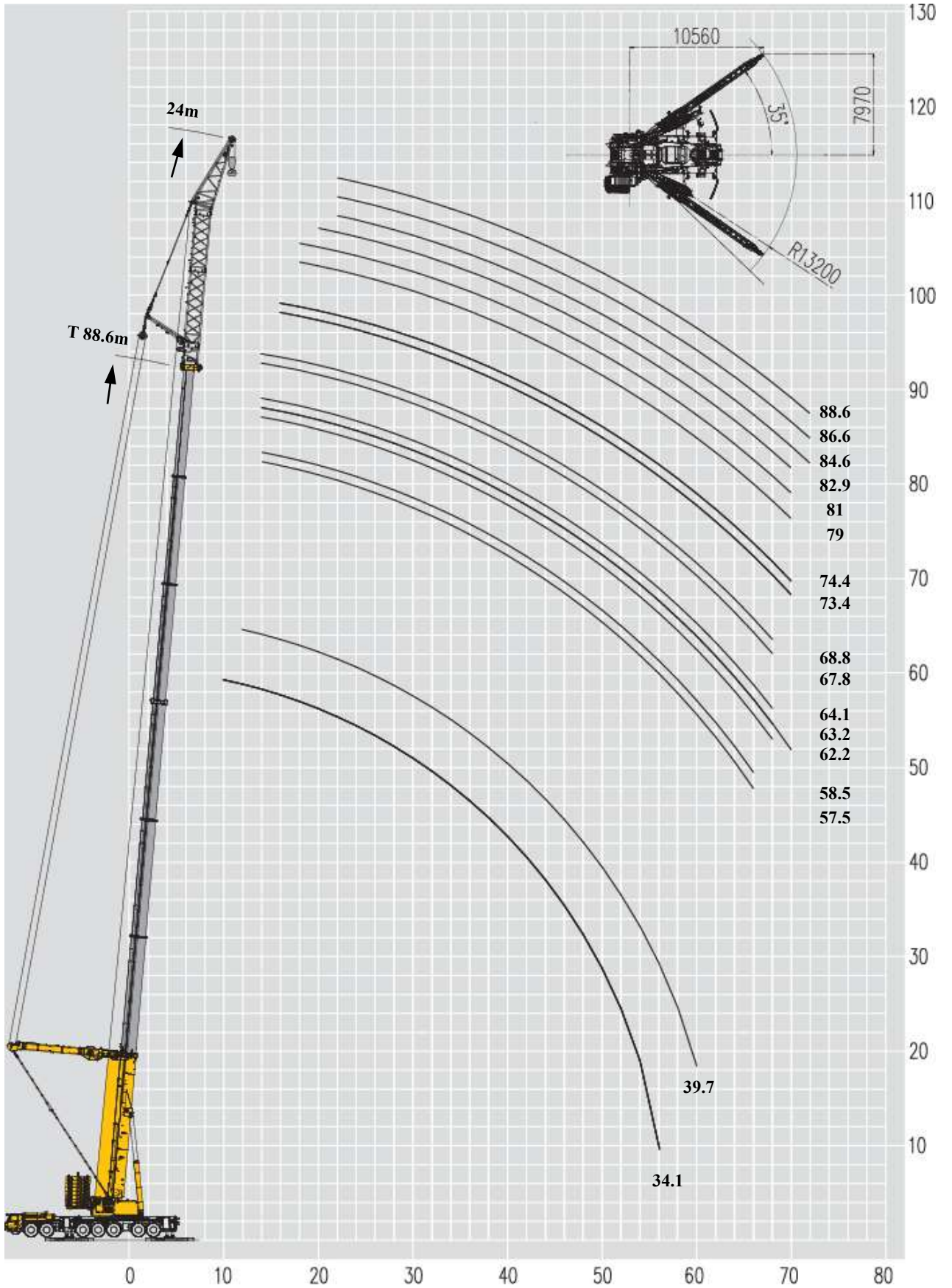
	     												
	34.1	34.1	34.1	39.7	57.5	57.5	58.5	62.2	63.2	63.2	64.1	67.8	
12	104.1	100.8	100.0	101.7									12
14	99.8	98.3	97.8	97.2	96.2	95.6							14
16	92.0	94.9	95.7	89.0	95.0	89.9	95.2	95.0	90.5	90.1	90.0		16
18	85.0	87.9	88.0	81.9	85.3	81.0	85.1	85.0	84.2	84.6	83.5	82.8	18
20	78.3	81.0	80.0	76.7	76.7	73.0	76.7	74.5	74.5	73.4	73.4	75.6	20
22	73.3	73.0	72.0	71.7	68.6	66.0	69.3	68.6	68.6	67.6	67.6	68.3	22
24	68.0	67.0	66.0	66.7	63.0	60.0	63.0	63.0	63.0	62.0	62.0	61.7	24
26	62.0	61.0	60.0	61.6	57.2	54.0	56.7	56.2	57.2	56.2	56.2	56.2	26
28	51.3	50.4	49.5	51.3	50.0	49.0	49.0	50.0	51.0	50.0	50.0	50.0	28
30	47.7	46.8	45.0	46.8	45.0	45.0	44.0	45.0	45.0	44.0	44.0	44.0	30
32	43.2	42.3	41.4	43.2	41.0	41.0	40.0	41.0	41.0	40.0	40.0	40.0	32
34	40.5	39.6	38.7	39.6	35.2	35.2	37.0	37.0	38.0	37.0	37.0	37.0	34
36	36.9	36.0	35.1	36.9	32.3	32.3	33.0	34.0	34.0	34.0	33.0	34.0	36
38	34.2	33.3	32.4	34.2	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	38
40	32.4	31.5	29.7	31.5	27.8	26.9	26.9	26.9	27.8	26.9	26.9	26.9	40
42	29.7	28.8	27.9	29.7	25.0	25.0	24.0	25.0	25.0	25.0	24.0	25.0	42
44	27.9	27.0	26.1	27.9	23.0	22.1	22.1	22.1	23.0	22.1	22.1	22.1	44
46	26.1	25.2	23.4	25.2	21.1	20.2	20.2	20.2	21.1	20.2	20.2	20.2	46
48	24.3	23.4	21.6	24.3	19.1	18.2	18.2	18.2	19.2	18.2	18.2	18.2	48
50	22.5	21.6	20.5	22.5	16.9	16.2	16.0	16.6	17.3	16.3	16.3	16.3	50
52	20.7	19.8	18.5	20.7	14.9	14.1	14.0	14.6	15.3	14.4	14.3	14.5	52
54	18.9	18.0	16.8	18.9	13.0	12.3	12.1	12.8	13.5	12.5	12.4	12.7	54
56	17.6	16.5	15.1	17.8	11.3	10.6	10.4	11.0	11.7	10.8	10.7	11.0	56
58	16.1	15.0	13.6	16.2	9.7	9.0	8.8	9.5	10.2	9.2	9.1	9.4	58
60	14.6	13.5	12.1	14.8	8.2	7.5	7.4	8.0	8.7	7.8	7.6	7.9	60
62	13.3	12.2	10.8	13.5	6.4	5.7	5.6	6.2	6.8	6.0	5.9	6.1	62
64	12.0	10.9	9.5	12.2	5.2	4.5	4.4	5.0	5.6	4.8	4.7	4.9	64
66	10.6	8.7	8.0	11.1	4.1	3.4	3.3	3.9	4.5	3.7	3.5	3.8	66
68				10.0	3.0				3.5				68
70				8.9									70
72				6.5									72
Parts of line	8	7	7	7	7	7	7	7	7	7	7	6	Parts of line
Code	000021	000210	002100	000022	321110	322100	332100	222110	321111	322110	332110	222210	Code

Lifting capacities with counterweight at the rear

T 68.8~88.6m



	68.8	73.4	73.4	74.4	74.4	79	81	82.9	84.6	86.6	88.6	
18	82.0	78.9	78.6									18
20	75.6	74.1	73.4	73.0	69.4							20
22	67.0	68.6	68.0	67.7	64.6	65.0						22
24	61.4	62.0	62.0	61.7	59.3	59.9	54.4	53.1	52.4			24
26	55.1	57.2	56.2	55.7	53.3	53.0	50.4	50.4	49.8	46.8	44.6	26
28	49.0	50.0	49.0	49.0	48.2	48.0	46.1	45.1	45.6	44.2	41.7	28
30	45.1	44.0	44.0	44.9	44.2	44.0	42.2	41.8	41.4	40.5	38.7	30
32	40.4	40.0	40.0	40.0	40.0	40.0	38.4	38.0	36.4	36.8	36.0	32
34	37.0	36.6	36.4	36.3	35.1	35.9	34.6	34.2	34.8	33.1	32.4	34
36	33.0	33.3	32.3	32.3	32.3	33.3	31.7	31.7	31.5	30.4	29.7	36
38	28.8	29.5	29.5	29.5	28.5	29.5	28.5	28.5	29.1	27.6	27.0	38
40	26.9	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.3	25.8	40
42	24.0	24.7	24.7	24.7	23.8	24.7	23.8	23.8	23.7	23.4	22.5	42
44	22.1	22.8	21.9	21.9	21.9	21.9	21.9	21.9	21.6	20.7	20.5	44
46	20.2	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.8	18.9	18.6	46
48	18.2	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.0	17.1	17.1	48
50	16.3	16.8	16.2	16.2	16.2	16.9	16.2	15.3	16.2	16.0	15.3	50
52	14.3	14.8	14.6	14.6	14.4	14.9	13.8	13.8	14.9	14.2	14.1	52
54	12.5	13.0	12.7	12.8	12.5	13.2	12.1	12.0	12.6	12.4	12.3	54
56	10.8	11.3	11.0	11.1	10.8	11.5	10.5	10.4	11.4	10.8	10.7	56
58	9.2	9.7	9.5	9.5	9.3	9.8	9.0	8.9	9.4	9.1	9.1	58
60	7.7	8.2	8.0	8.0	7.8	8.4	7.7	7.6	8.1	7.8	7.7	60
62	5.9	6.5	6.3	6.3	6.1	6.7	6.4	6.3	6.8	6.5	6.5	62
64	4.7	5.3	5.1	5.1	4.9	5.5	5.2	5.1	5.7	5.4	5.3	64
66	3.6	4.2	4.0	4.0	3.8	4.3	4.1	4.0	4.6	4.3	4.2	66
68		3.1		3.0		3.3	3.0		3.5	3.3	3.2	68
Parts of line	6	6	6	5	5	5	4	4	4	4	3	Parts of line
Code	322210	222211	222220	322211	322220	222221	332221	333321	222222	332222	333322	Code



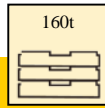
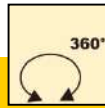
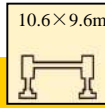
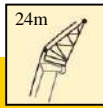
Lifting capacities with counterweight at the rear

T 34.1~67.8m

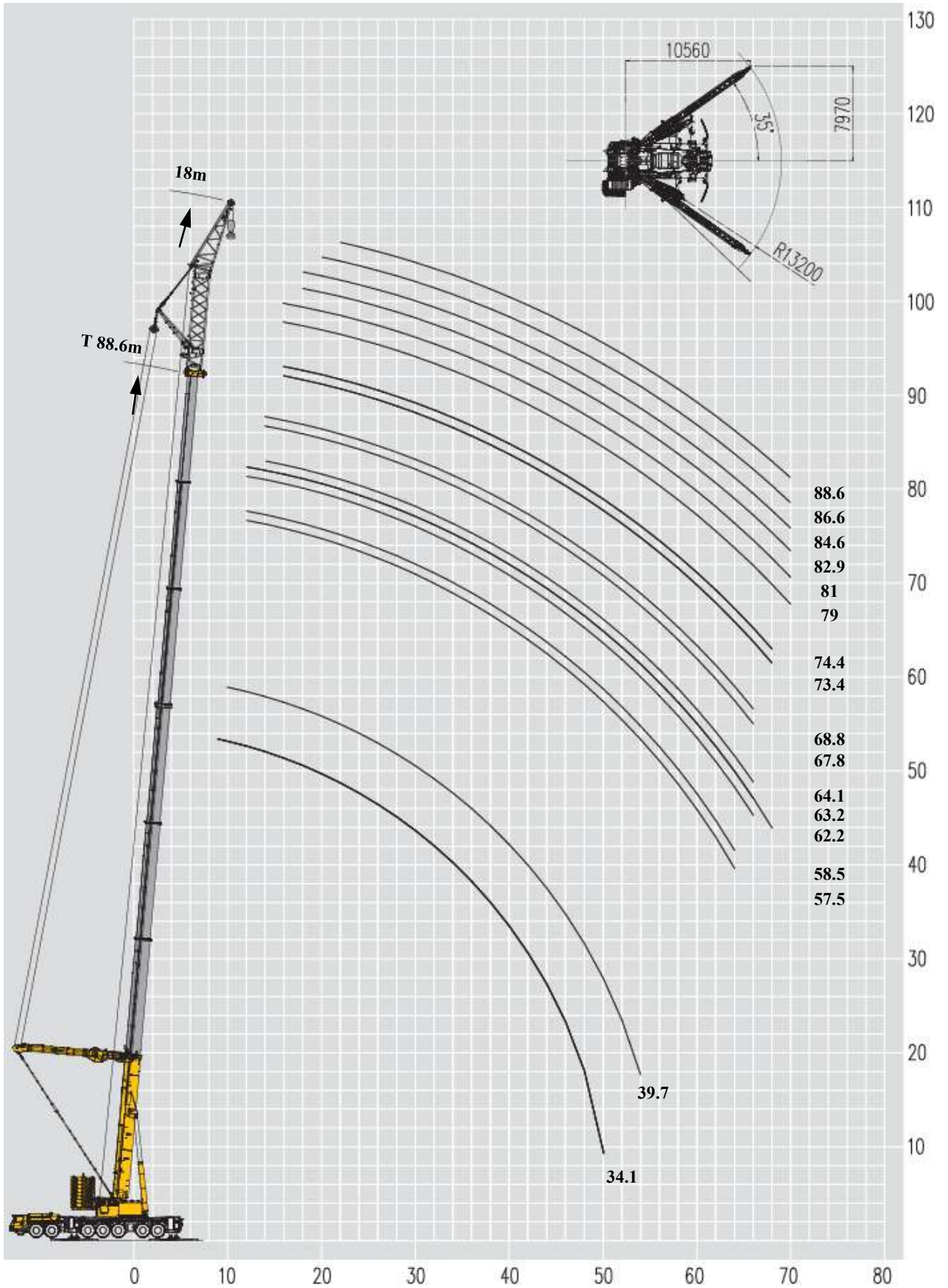
	34.1-67.8m		24m	10.6×9.6m	360°	160t	SL					
	34.1	34.1	34.1	39.7	57.5	58.5	62.2	63.2	63.2	64.1	67.8	
10	106.1	105.4	105.3									10
12	103.1	102.1	102.1	105.0								12
14	101.1	99.7	99.6	103.6	104.0	104.0	103.0	103.7	103.0	103.0	102.0	14
16	94.8	97.2	97.2	101.0	92.0	92.0	91.0	92.0	91.0	91.0	91.0	16
18	86.5	90.0	89.0	90.0	82.0	82.0	82.0	82.0	81.0	81.0	81.0	18
20	77.9	81.0	80.0	81.0	73.0	73.0	73.0	74.0	73.0	73.0	73.0	20
22	72.5	73.0	72.0	74.0	66.0	66.0	66.0	66.0	66.0	66.0	65.0	22
24	66.6	67.0	65.0	67.0	60.0	59.0	60.0	60.0	59.0	59.0	59.0	24
26	62.0	61.0	59.0	62.0	54.0	53.0	54.0	54.0	54.0	53.0	53.0	26
28	57.0	55.0	54.0	56.0	48.0	48.0	49.0	49.0	48.0	48.0	48.0	28
30	52.0	51.0	49.0	52.0	44.0	44.0	44.0	45.0	44.0	44.0	44.0	30
32	44.7	43.7	42.8	44.7	38.0	37.1	38.0	39.0	38.0	38.0	38.0	32
34	41.8	39.9	39.0	41.8	34.2	34.2	34.2	35.2	34.2	34.2	34.2	34
36	38.0	37.1	36.1	38.0	31.4	30.4	31.4	32.3	31.4	31.4	31.4	36
38	35.2	34.2	32.3	35.2	28.5	27.6	28.5	29.5	28.5	28.5	28.5	38
40	32.3	31.4	30.4	32.3	25.7	25.7	25.7	26.6	25.7	25.7	25.7	40
42	30.4	28.5	27.6	30.4	22.8	22.8	23.8	23.8	23.8	22.8	23.8	42
44	27.6	26.6	25.7	28.5	20.9	20.8	20.9	21.9	20.9	20.9	20.9	44
46	25.7	24.7	22.8	25.7	18.3	18.2	19.0	20.0	18.9	18.8	19.0	46
48	23.8	22.5	20.7	23.8	16.0	15.9	16.8	17.6	16.6	16.5	16.9	48
50	21.7	20.2	18.5	22.5	13.8	13.7	14.6	15.4	14.4	14.3	14.8	50
52	19.6	18.1	16.4	20.3	11.8	11.7	12.6	13.5	12.4	12.3	12.8	52
54	17.6	16.2	14.4	18.4	10.0	9.9	10.8	11.6	10.6	10.5	11.0	54
56	8.6	6.9	5.7	16.7	8.3	8.2	9.1	9.9	8.9	8.8	9.3	56
58				15.0	6.7	6.6	7.5	8.4	7.3	7.2	7.7	58
60				12.4	5.3	5.2	6.1	6.9	5.9	5.8	6.3	60
62					3.9	3.8	4.7	5.6	4.5	4.4	4.9	62
64							3.4	4.3	3.3	3.2	3.7	64
66								3.1				66
Parts of line	8	8	8	8	8	8	8	8	8	8	7	Parts of line
Code	000021	000210	002100	000022	322100	332100	222110	321111	322110	332110	222210	Code

Lifting capacities with counterweight at the rear

T 68.8~88.6m



	68.8	73.4	73.4	74.4	74.4	79	81	82.9	84.6	86.6	88.6	
14	102.0											14
16	90.0	90.0	90.0	90.0	90.0							16
18	81.0	81.0	80.0	80.0	80.0	80.0	79.3					18
20	72.0	72.0	72.0	72.0	72.0	72.0	72.0	71.0				20
22	65.0	65.0	65.0	65.0	65.0	65.0	65.0	64.9	61.8	61.8	58.8	22
24	59.0	59.0	59.0	59.0	59.0	59.0	58.9	56.0	55.8	55.7	55.1	24
26	53.0	54.0	53.0	53.0	53.0	53.0	51.9	50.0	49.8	49.7	49.6	26
28	48.0	49.0	48.0	48.0	48.0	48.0	44.9	42.5	42.2	42.0	41.9	28
30	44.0	44.0	44.0	44.0	44.0	44.0	40.2	36.8	36.5	36.3	36.1	30
32	38.0	38.0	38.0	38.0	38.0	38.0	36.2	32.0	31.9	31.8	31.7	32
34	34.2	34.2	34.2	34.2	34.2	35.2	31.8	28.5	28.3	28.2	28.1	34
36	31.4	31.4	31.4	31.4	31.4	31.4	28.5	26.2	26.0	25.9	25.7	36
38	28.5	28.5	28.5	28.5	28.5	28.5	25.8	24.2	23.7	23.5	23.4	38
40	25.7	26.6	25.7	25.7	25.7	26.6	23.9	22.8	22.1	22.0	21.8	40
42	23.8	23.8	23.8	23.8	23.8	23.8	21.9	21.0	20.8	20.3	20.0	42
44	20.9	21.9	21.9	21.9	20.9	21.9	20.2	19.2	18.9	18.6	18.4	44
46	19.0	20.0	19.0	19.8	19.0	20.0	19.0	17.9	17.6	17.4	17.2	46
48	16.8	17.6	17.4	17.5	17.1	18.0	17.7	16.2	16.0	15.8	15.6	48
50	14.6	15.5	15.2	15.3	15.0	15.8	15.6	15.3	15.2	15.1	14.9	50
52	12.6	13.5	13.3	13.3	13.1	13.9	13.6	13.5	13.4	13.2	13.1	52
54	10.8	11.7	11.4	11.5	11.3	12.1	11.8	11.7	11.6	11.5	11.4	54
56	9.1	10.0	9.8	9.8	9.6	10.4	10.1	10.1	10.0	9.9	9.8	56
58	7.6	8.4	8.2	8.3	8.0	8.8	8.5	8.5	8.4	8.3	8.2	58
60	6.1	7.0	6.7	6.8	6.6	7.4	7.1	7.1	7.1	7.0	6.9	60
62	4.8	5.6	5.4	5.5	5.2	6.0	5.8	5.7	5.6	5.5	5.4	62
64	3.5	4.4	4.1	4.2	4.0	4.8	4.5	4.5	4.5	4.4	4.3	64
66		3.2	3.0	3.0		3.6	3.3	3.3	3.5	3.4	3.3	66
Parts of line	7	7	7	7	7	6	6	6	6	6	6	Parts of line
Code	322210	222211	222220	322211	322220	222221	332221	333321	222222	332222	333322	Code



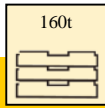
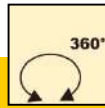
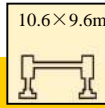
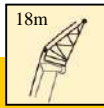
Lifting capacities with counterweight at the rear

T 34.1~67.8m

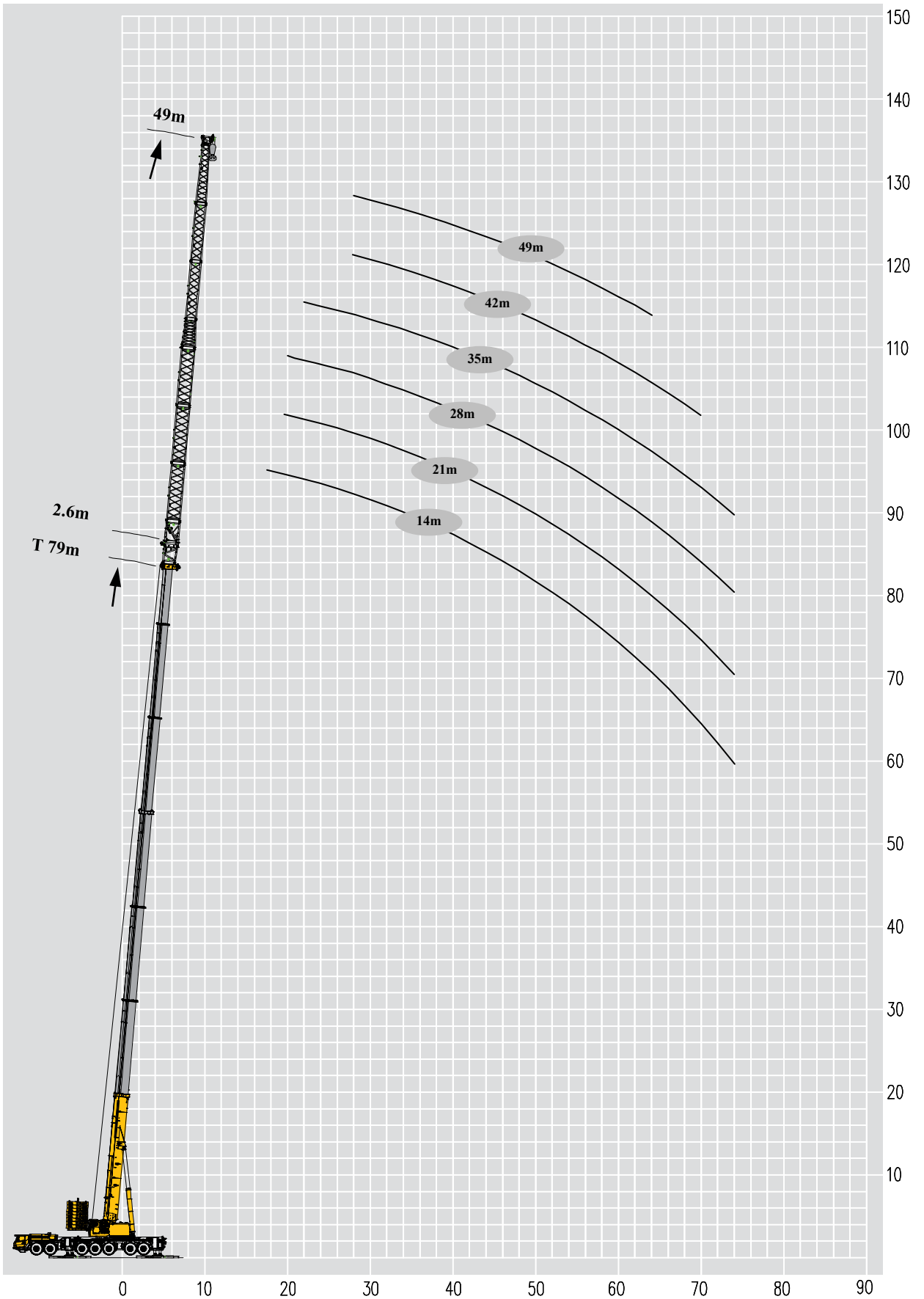
	34.1-67.8m		18m	10.6×9.6m	360°	160t	SL					
	34.1	34.1	34.1	39.7	57.5	58.5	62.2	63.2	63.2	64.1	67.8	
9	117.0	116.2	115.2									9
10	115.8	114.9	114.1	118.8								10
12	110.8	108.6	109.1	113.7	108.4	107.1	109.0	107.6	108.5			12
14	105.6	106.7	105.5	102.4	98.8	98.8	98.8	98.8	98.8	97.9	97.9	14
16	96.4	96.0	97.0	96.5	92.0	92.0	92.0	92.0	87.4	86.5	86.5	16
18	86.5	85.5	86.2	86.9	82.0	82.0	82.0	82.0	81.0	81.0	81.0	18
20	77.9	81.0	79.0	78.6	73.0	73.0	73.0	74.0	73.0	73.0	73.0	20
22	71.8	73.0	71.0	72.5	66.0	65.0	66.0	66.0	66.0	65.0	65.0	22
24	66.3	66.0	65.0	66.6	59.0	59.0	59.0	60.0	59.0	59.0	59.0	24
26	61.0	60.0	58.0	60.3	53.0	53.0	53.0	54.0	53.0	53.0	53.0	26
28	53.2	51.3	50.4	53.2	45.6	45.6	45.6	46.6	45.6	45.6	45.6	28
30	48.5	47.5	45.6	48.5	40.9	40.9	40.9	41.8	40.9	40.9	40.9	30
32	43.7	42.8	41.8	44.7	37.1	37.1	37.1	38.0	37.1	37.1	37.1	32
34	40.9	39.0	38.0	40.9	33.3	33.3	34.2	34.2	33.3	33.3	34.2	34
36	37.1	36.1	34.2	38.0	30.4	30.4	30.4	31.4	30.4	30.4	30.4	36
38	34.2	33.3	31.4	34.2	27.6	27.6	27.6	28.5	27.6	27.6	27.6	38
40	31.4	30.4	28.5	32.3	24.7	24.7	24.7	25.7	24.7	24.7	25.7	40
42	28.5	27.6	25.7	29.5	21.9	21.9	22.8	23.8	22.8	22.8	22.8	42
44	26.6	25.4	23.4	27.6	19.4	19.3	20.0	20.9	20.0	20.0	20.8	44
46	24.3	22.7	20.7	24.7	16.8	16.7	17.8	18.8	17.6	17.6	18.1	46
48	21.8	20.1	18.1	22.8	14.5	14.4	15.5	16.4	15.3	15.2	15.8	48
50	11.9	10.0	8.1	20.8	12.3	12.2	13.3	14.3	13.1	13.1	13.7	50
52				18.7	10.3	10.2	11.3	12.3	11.2	11.1	11.7	52
54				16.5	8.5	8.4	9.5	10.5	9.3	9.3	9.9	54
56					6.8	6.7	7.8	8.8	7.6	7.6	8.2	56
58					5.2	5.1	6.2	7.2	6.1	6.0	6.6	58
60					3.7	3.7	4.8	5.7	4.6	4.5	5.2	60
62							3.4	4.4	3.3	3.2	3.8	62
64								3.1				64
Parts of line	9	8	8	9	8	8	8	8	8	7	7	Parts of line
Code	000021	000210	002100	000022	322100	332100	222110	321111	322110	332110	222210	Code

Lifting capacities with counterweight at the rear

T 68.8~88.6m


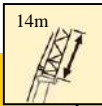
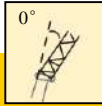
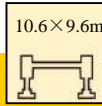

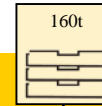
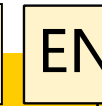


	68.8	73.4	73.4	74.4	74.4	79	81	82.9	84.6	86.6	88.6	
14	95.0											14
16	86.5	84.9	85.5	84.8	83.6	81.7	76.3					16
18	81.0	81.0	81.0	81.0	81.0	80.0	77.4	77.0	75.7			18
20	73.0	73.0	72.0	72.0	72.0	72.0	72.0	72.0	71.3	67.6		20
22	65.0	66.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	63.0	59.8	22
24	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	56.7	24
26	53.0	53.0	53.0	53.0	53.0	50.4	48.4	48.2	48.0	47.8	47.7	26
28	45.6	45.6	45.6	45.6	45.6	44.5	43.0	42.2	42.1	42.0	41.9	28
30	40.9	41.8	41.8	41.8	40.9	39.5	38.0	37.9	37.8	37.7	37.6	30
32	37.1	38.0	38.0	38.0	37.1	35.9	34.2	34.1	34.0	34.0	33.5	32
34	33.3	34.2	34.2	34.2	34.2	32.5	31.0	30.9	30.8	30.6	30.6	34
36	30.4	31.4	31.4	31.4	30.4	29.9	27.2	27.1	27.1	27.1	27.1	36
38	27.6	28.5	28.5	28.5	27.6	28.0	24.0	23.9	23.8	23.7	23.6	38
40	24.7	25.7	25.7	25.7	25.7	25.5	22.0	21.9	21.8	21.5	21.1	40
42	22.8	23.8	22.8	22.8	22.8	23.2	19.9	19.8	19.7	19.6	19.5	42
44	20.0	20.9	20.9	20.9	20.9	21.0	18.2	18.1	18.0	17.9	17.8	44
46	18.0	19.0	18.8	18.1	18.6	19.0	17.1	17.0	16.9	16.8	16.7	46
48	15.7	16.7	16.5	16.5	16.3	17.1	15.5	15.4	15.3	15.2	15.1	48
50	13.5	14.6	14.3	14.4	14.1	15.1	14.3	14.1	14.1	13.9	13.8	50
52	11.5	12.6	12.3	12.4	12.2	13.1	12.9	12.9	12.4	12.1	12.1	52
54	9.7	10.8	10.5	10.6	10.4	11.3	11.1	11.1	10.7	10.5	10.5	54
56	8.0	9.1	8.8	8.9	8.7	9.6	9.4	9.4	9.3	9.0	9.0	56
58	6.5	7.6	7.3	7.4	7.1	8.1	7.8	7.8	7.8	7.6	7.5	58
60	5.0	6.1	5.8	5.9	5.7	6.7	6.4	6.4	6.5	6.3	6.3	60
62	3.7	4.8	4.5	4.6	4.3	5.3	5.1	5.1	5.3	5.1	5.1	62
64		3.5	3.2	3.3	3.1	4.0	3.8	3.8	4.2	4.0	4.0	64
66									3.2	3.0		66
Parts of line	7	6	6	6	6	6	6	6	6	5	4	Parts of line
Code	322210	222211	222220	322211	322220	222221	332221	333321	222222	332222	333322	Code




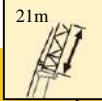

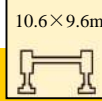

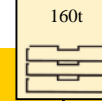
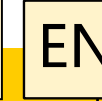
Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
12	61.9							12
14	56.6	50.8	49.5					14
16	52.5	46.1	45.0	36.6	35.3			16
18	48.1	42.2	41.7	34.6	32.8	25.1		18
20	44.8	39.8	39.1	33.6	30.3	24.6	20.0	20
22	42.6	37.9	37.7	31.3	27.2	23.9	19.5	22
24	39.4	35.5	35.4	30.1	26.4	23.0	18.9	24
26	37.0	33.0	33.0	28.7	25.0	22.2	18.8	26
28	34.8	31.1	30.9	27.2	23.1	22.0	18.5	28
30	33.5	29.9	29.6	26.0	22.6	20.2	18.2	30
32	31.5	28.5	27.7	25.1	22.1	19.9	18.1	32
34	30.1	26.8	24.7	24.2	21.6	18.4	17.3	34
36	27.9	25.6	22.8	21.8	19.0	17.8	16.2	36
38	26.5	23.1	21.2	20.1	18.0	16.6	14.8	38
40	24.2	21.9	19.8	18.9	16.9	15.7	13.8	40
42	22.0	20.9	18.6	17.8	15.8	14.6	13.5	42
44	20.5	19.8	17.6	16.5	14.7	13.6	12.8	44
46	18.5	18.2	16.5	15.5	13.6	12.8	12.4	46
48	17.2	16.9	15.1	14.2	12.5	12.2	11.9	48
50	16.2	15.6	13.9	13.2	11.6	11.5	10.7	50
52	15.0	14.6	12.5	12.1	10.8	10.7	9.8	52
54	13.6	13.5	11.3	11.2	10.0	9.8	9.2	54
56	12.0	11.9	10.2	10.1	9.3	9.2	8.5	56
58	11.0	10.9	9.2	9.0	8.7	8.3	8.0	58
60	9.8	9.6	8.2	8.1	7.5	7.5	7.4	60
62	9.0	8.8	7.7	7.5	6.8	6.7	6.6	62
64	8.0	7.9	6.8	6.7	6.2	6.1	6.0	64
66		7.2	5.8	6.0	5.6	5.3	5.2	66
68		6.4	4.9	5.3	4.8	4.7	4.6	68
70			3.9	4.6	4.2	4.0	3.9	70
72			3.5	4.2	3.5	3.4	3.4	72
74			3.1	3.7	3.0	3.0		74
76				3.5				76
Parts of line	5	4	4	3	3	2	2	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code


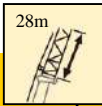
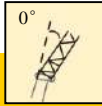
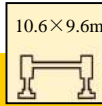

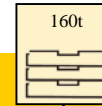
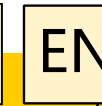
Lifting capacities with counterweight at the rear

T 51~84.6m

	 51	 56.6	 62.2	 67.8	 73.4	 79	 84.6	
14	44.9							14
16	41.7	36.8	36.5					16
18	38.5	33.8	31.9	28.2	26.1			18
20	35.2	31.5	29.3	27.9	24.8	19.3		20
22	32.7	29.3	28.6	27.8	23.4	18.8	16.0	22
24	30.5	27.5	26.9	26.2	22.7	18.2	15.5	24
26	28.2	25.9	25.8	25.7	22.0	17.6	14.8	26
28	26.7	24.6	24.4	23.9	21.6	17.4	14.3	28
30	25.6	22.8	22.8	22.7	20.0	16.7	14.3	30
32	24.2	21.6	21.5	21.0	19.8	16.2	14.2	32
34	22.8	20.3	20.2	20.0	18.9	15.9	13.6	34
36	21.7	19.2	19.1	19.0	17.9	15.6	13.2	36
38	20.6	18.6	18.5	18.2	16.9	15.2	12.7	38
40	19.7	17.9	17.5	17.2	15.5	14.7	12.4	40
42	18.8	16.7	16.2	16.2	14.5	13.9	11.6	42
44	18.0	16.1	15.7	15.2	13.6	12.8	11.0	44
46	16.9	15.4	15.1	14.5	12.5	12.0	10.6	46
48	16.0	14.8	14.2	13.5	11.9	11.2	10.3	48
50	15.2	14.1	13.2	12.5	11.2	10.7	10.0	50
52	14.5	13.5	12.2	11.7	10.5	9.8	9.4	52
54	13.8	12.9	11.2	10.9	9.8	9.1	8.8	54
56	13.0	12.4	10.5	10.2	9.0	8.5	8.2	56
58	11.8	11.6	9.5	9.6	8.4	8.0	7.5	58
60	10.9	10.8	8.6	9.0	7.6	7.5	7.0	60
62	10.1	10.0	7.8	8.2	7.0	6.8	6.5	62
64	9.1	9.3	7.0	7.3	6.3	6.2	5.9	64
66	8.2	8.6	6.4	6.3	5.7	5.6	5.4	66
68	7.3	8.0	5.8	5.7	5.1	5.0	4.8	68
70	6.6	7.2	5.2	4.9	4.3	4.3	4.2	70
72		6.5	4.5	4.2	3.6	3.5	3.5	72
74		6.0	4.0	3.6	3.1	3.0	3.0	74
76		5.5	3.5	3.2				76
Parts of line	3	3	3	2	2	2	2	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code

Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
14	38.9							14
16	35.3	30.4	30.4					16
18	32.8	28.1	28.1	26.1				18
20	32.2	25.8	25.7	24.9	24.4	19.0		20
22	29.8	24.1	24.1	23.4	22.9	18.0	15.7	22
24	27.5	22.9	22.8	21.9	21.4	17.3	15.2	24
26	25.9	21.1	21.1	20.8	20.7	16.6	14.7	26
28	24.6	19.9	19.6	19.7	19.4	15.8	14.2	28
30	22.8	18.6	18.5	18.6	18.6	15.8	14.2	30
32	21.6	17.4	17.4	17.5	17.3	15.7	14.2	32
34	20.4	16.7	16.5	16.9	16.6	15.4	13.5	34
36	19.2	15.8	15.7	15.9	15.6	14.9	13.0	36
38	18.5	15.1	14.7	15.1	15.0	14.2	12.6	38
40	17.4	14.5	14.3	14.1	14.1	13.7	12.1	40
42	15.9	13.7	13.3	13.1	13.0	13.0	11.6	42
44	15.3	12.9	12.9	12.6	12.5	12.4	11.0	44
46	14.7	12.3	12.2	12.0	11.3	11.2	10.4	46
48	14.1	11.7	11.5	11.5	10.8	10.6	9.7	48
50	13.5	11.3	11.3	11.1	10.2	10.0	9.1	50
52	12.9	10.7	10.7	10.7	9.6	9.2	8.5	52
54	12.2	10.3	10.3	10.3	9.0	8.2	7.9	54
56	11.6	9.7	9.7	9.6	8.3	7.7	7.3	56
58	11.0	9.7	9.0	9.4	7.8	7.4	6.7	58
60	10.4	9.1	8.3	8.5	7.1	7.0	6.2	60
62	9.9	9.0	7.7	7.7	6.3	6.2	6.0	62
64	9.4	8.4	7.1	6.9	5.8	5.7	5.5	64
66	8.6	8.3	6.6	6.3	5.4	5.2	4.8	66
68	7.8	7.7	5.9	5.8	5.0	4.8	4.5	68
70	7.2	7.1	5.2	5.0	4.4	4.3	4.0	70
72	6.6	6.5	4.5	4.4	3.7	3.6	3.5	72
74	6.2	6.0	4.0	3.9	3.1	3.0		74
76	5.5	5.4	3.6	3.5				76
78		5.0	3.0	3.0				78
80		4.4						80
82		4.0						82
Parts of line	3	2	2	2	2	2	2	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code


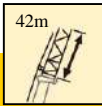
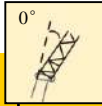
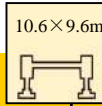

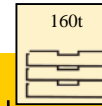


Lifting capacities with counterweight at the rear

T 51~84.6m

	51-84.6m		35m	0°	10.6×9.6m	360°	160t	EN	
	51	56.6	62.2	67.8	73.4	79	84.6		
16	29.0							16	
18	27.0	23.9	23.2					18	
20	25.4	22.0	22.0	20.8	20.7			20	
22	23.8	20.7	20.7	19.9	19.8	16.5		22	
24	22.1	19.4	19.4	18.2	18.2	15.9	13.5	24	
26	20.9	18.1	18.1	17.1	17.0	15.4	13.2	26	
28	19.2	16.9	16.6	16.3	16.1	14.6	12.9	28	
30	18.0	15.9	15.7	15.5	15.5	13.8	12.5	30	
32	17.3	15.1	14.8	14.7	14.6	13.5	11.8	32	
34	16.3	14.1	14.0	14.0	13.9	12.7	11.4	34	
36	15.3	13.3	13.3	13.3	13.1	12.2	11.0	36	
38	14.7	12.5	12.4	12.3	12.2	11.8	10.5	38	
40	14.1	11.9	11.8	11.8	11.7	11.3	10.1	40	
42	13.0	11.3	11.2	11.1	11.1	10.8	9.6	42	
44	12.3	10.7	10.6	10.6	10.0	9.7	9.4	44	
46	11.8	10.0	9.8	9.8	9.6	9.2	8.9	46	
48	11.3	9.5	9.5	9.4	9.2	9.0	8.6	48	
50	10.8	9.1	9.1	9.1	9.1	8.9	8.1	50	
52	10.4	8.6	8.5	8.5	8.5	8.2	7.8	52	
54	9.8	8.2	8.1	8.1	7.9	7.6	7.4	54	
56	9.5	7.9	7.9	7.9	7.7	7.5	6.8	56	
58	9.2	7.6	7.6	7.6	7.1	6.8	6.1	58	
60	8.7	7.3	7.1	7.0	6.6	6.2	5.5	60	
62	8.6	6.9	6.8	6.8	6.2	6.0	5.0	62	
64	8.0	6.6	6.5	6.5	5.8	5.3	4.9	64	
66	8.0	6.3	6.2	6.3	5.3	5.0	4.2	66	
68	7.2	6.2	5.9	5.9	4.6	4.4	3.9	68	
70	6.8	5.8	5.4	5.3	4.4	3.9	3.7	70	
72	6.3	5.5	5.0	4.6	3.9	3.6	3.1	72	
74	6.0	5.2	4.5	4.1	3.4	3.1		74	
76	5.6	4.9	3.8	3.5				76	
78	5.0	4.7	3.1	3.0				78	
80	4.5	4.4						80	
82	4.2	4.0						82	
84	3.8	3.5						84	
86		3.0						86	
Parts of line	2	2	2	2	2	2	1	Parts of line	
Code	211110	211111	222110	222111	222220	222221	222222	Code	


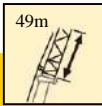
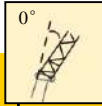
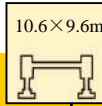

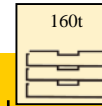


Lifting capacities with counterweight at the rear

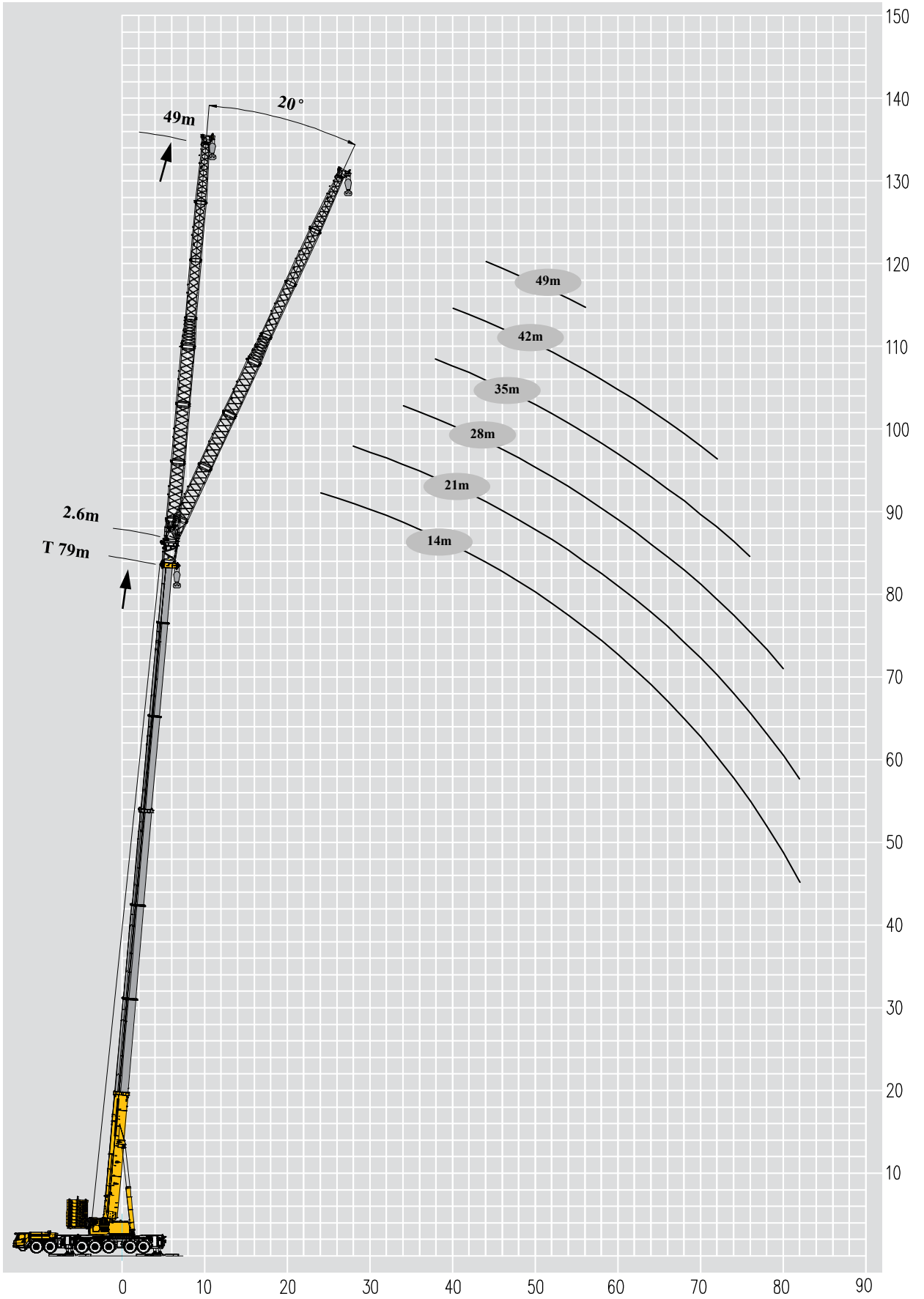
T 51~79m

	 51	 56.6	 62.2	 67.8	 73.4	 79	
							
18	22.9						18
20	21.3	19.4					20
22	20.1	18.0	18.0				22
24	19.0	16.9	16.9	16.8			24
26	17.9	15.6	15.6	15.5	15.4		26
28	16.7	14.4	14.4	14.4	14.4	12.2	28
30	15.7	13.9	13.9	13.9	13.8	11.8	30
32	15.0	12.6	12.6	12.6	12.5	11.2	32
34	14.2	12.0	12.0	12.0	11.9	10.6	34
36	13.3	11.4	11.4	11.4	11.3	10.2	36
38	12.6	10.8	10.8	10.8	10.8	9.7	38
40	12.0	10.2	10.2	10.2	10.2	9.2	40
42	11.4	9.6	9.6	9.6	9.6	9.0	42
44	10.8	8.9	8.9	8.9	8.9	8.6	44
46	10.2	8.3	8.3	8.3	8.2	8.2	46
48	9.6	7.9	7.9	7.9	7.9	7.9	48
50	9.1	7.6	7.6	7.6	7.5	7.4	50
52	8.7	7.3	7.3	7.3	7.2	7.2	52
54	8.2	6.7	6.7	6.7	6.7	6.7	54
56	7.9	6.6	6.6	6.5	6.5	6.5	56
58	7.6	6.0	6.0	6.0	5.9	5.9	58
60	7.3	6.0	6.0	6.0	5.5	5.3	60
62	7.0	5.7	5.6	5.6	5.4	4.8	62
64	6.7	5.4	5.3	5.3	5.0	4.5	64
66	6.3	5.0	5.0	5.0	4.3	4.2	66
68	6.0	4.8	4.7	4.7	3.7	3.6	68
70	5.8	4.7	4.5	4.5	3.7	3.1	70
72	5.5	4.4	4.4	4.4	3.2		72
74	5.2	4.1	4.1	3.8			74
76	5.0	3.9	3.8	3.5			76
78	4.8	3.8	3.3	3.1			78
80	4.5	3.5	3.1				80
82	4.0	3.3					82
84	3.7	3.1					84
86	3.2	3.0					86
Parts of line	2	2	2	2	1	1	Parts of line
Code	211110	211111	222110	222111	222220	222221	Code

Lifting capacities with counterweight at the rear

T 51~79m

	 51	 56.6	 62.2	 67.8	 73.4	 79	
							
18	18.5						18
20	17.4	15.4					20
22	16.2	15.1	14.4				22
24	15.3	14.0	13.7	13.5			24
26	14.5	12.8	12.8	12.7	12.7		26
28	13.4	12.1	12.0	12.0	12.0	10.6	28
30	12.9	11.4	11.4	11.3	11.2	9.9	30
32	12.4	10.6	10.6	10.6	10.6	9.3	32
34	11.6	9.8	9.8	9.8	9.8	8.9	34
36	11.0	9.2	9.2	9.2	9.2	8.4	36
38	10.2	8.7	8.7	8.7	8.5	8.2	38
40	9.6	8.1	8.1	8.1	8.1	7.9	40
42	9.0	7.5	7.5	7.5	7.5	7.4	42
44	8.5	7.0	7.0	7.0	7.0	7.0	44
46	8.2	6.7	6.7	6.7	6.6	6.5	46
48	7.6	6.3	6.3	6.3	6.3	6.2	48
50	7.3	5.8	5.8	5.8	5.8	5.8	50
52	6.8	5.5	5.5	5.5	5.5	5.5	52
54	6.4	5.2	5.2	5.2	5.2	5.2	54
56	6.2	4.9	4.9	4.9	4.8	4.8	56
58	5.9	4.6	4.6	4.6	4.6	4.6	58
60	5.6	4.3	4.3	4.2	4.2	4.2	60
62	5.3	4.0	4.0	3.9	3.7	3.5	62
64	5.0	3.9	3.9	3.7		3.2	64
66	5.0	3.8	3.7	3.6			66
68	4.7	3.5	3.5	3.5			68
70	4.4	3.3	3.2	3.2			70
72	4.2	3.1	3.0	3.0			72
74	4.1						74
76	3.8						76
78	3.7						78
80	3.5						80
82	3.3						82
84	3.2						84
86	3.0						86
Parts of line	2	1	1	1	1	1	Parts of line
Code	211110	211111	222110	222111	222220	222221	Code



Lifting capacities with counterweight at the rear

T 51~84.6m

	51-84.6m		14m		20°		10.6×9.6m		360°		160t		EN	
	51	56.6	62.2	67.8	73.4	79	84.6							
18	36.0													18
20	34.4	28.3	28.1											20
22	32.4	27.2	27.1	27.0	26.9									22
24	31.2	26.0	25.8	25.7	25.6	22.7								24
26	30.0	24.8	24.6	24.4	24.3	21.7	16.1							26
28	28.9	23.5	23.3	23.3	23.1	20.9	15.8							28
30	28.2	22.9	22.7	22.6	22.3	20.4	15.3							30
32	26.9	21.7	21.6	21.6	21.6	19.4	14.5							32
34	24.6	21.0	20.8	20.5	20.4	18.9	14.1							34
36	24.5	20.4	20.2	19.3	19.2	17.5	13.7							36
38	23.3	19.8	19.7	18.2	18.0	16.4	13.3							38
40	22.0	19.2	19.0	17.6	16.6	15.5	12.8							40
42	21.0	18.5	18.1	17.0	15.7	14.5	11.9							42
44	19.8	17.9	17.2	16.2	14.5	13.7	10.8							44
46	18.9	17.2	15.9	15.1	13.6	12.7	10.4							46
48	17.8	16.5	15.1	14.2	12.8	12.0	9.3							48
50	16.8	16.1	14.0	13.5	12.0	11.3	8.8							50
52	15.5	15.0	13.1	13.0	11.3	10.6	8.4							52
54	14.2	14.0	12.1	11.9	10.2	10.3	7.9							54
56	13.2	12.8	10.9	10.5	9.5	9.5	7.3							56
58	11.8	12.0	10.1	9.6	8.7	8.5	6.8							58
60	10.2	11.1	9.1	8.8	8.0	7.8	6.6							60
62	9.2	10.0	8.3	8.2	7.6	7.2	6.3							62
64	8.2	9.0	6.9	6.8	6.8	6.5	6.2							64
66		8.0	6.0	5.9	5.9	5.7	5.6							66
68		7.3	5.2	5.0	5.0	4.8	4.7							68
70			4.7	4.6	4.5	4.2	4.0							70
72			4.0	3.9	3.8	3.5	3.4							72
74			3.2	3.1	3.1	3.2	3.1							74
Parts of line	3	2	2	2	2	2	2							Parts of line
Code	211110	211111	222110	222111	222220	222221	222222							Code


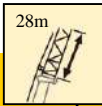

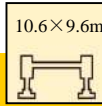

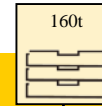
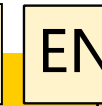
Lifting capacities with counterweight at the rear

T 51~84.6m

	51-84.6m		21m		20°		10.6×9.6m		360°		160t		EN	
	51	56.6	62.2	67.8	73.4	79	84.6							
20	25.4													20
22	24.2	19.7	19.6											22
24	23.0	19.0	18.9	18.7										24
26	21.9	18.5	18.4	18.2	18.1									26
28	21.3	17.4	17.4	17.3	17.3	16.3								28
30	20.6	16.6	16.5	16.3	16.1	15.8	12.4							30
32	19.4	16.0	16.0	15.7	15.6	15.3	12.0							32
34	18.8	15.4	15.4	15.2	15.2	14.8	11.6							34
36	18.2	14.8	14.7	14.6	14.6	14.2	11.1							36
38	17.5	14.1	14.0	14.0	14.0	13.7	10.8							38
40	16.9	13.9	13.8	13.4	13.3	13.4	10.5							40
42	16.9	13.5	13.4	13.4	13.3	12.5	10.0							42
44	16.3	12.9	12.9	12.9	12.7	12.0	9.6							44
46	15.7	12.7	12.7	12.3	12.2	11.8	9.4							46
48	15.6	12.3	12.2	12.2	11.8	11.3	9.2							48
50	15.0	11.6	11.5	11.4	11.2	10.8	8.9							50
52	14.1	11.4	11.3	11.2	10.8	9.8	8.5							52
54	13.3	10.9	10.7	10.6	10.1	9.5	8.0							54
56	12.5	10.8	10.5	9.9	9.4	9.2	7.9							56
58	11.9	10.5	9.9	9.3	8.8	8.6	7.7							58
60	11.3	10.5	9.2	8.8	8.2	8.0	7.0							60
62	10.5	9.9	8.6	8.3	7.5	7.3	6.7							62
64	9.4	9.2	7.9	7.8	6.9	6.6	6.3							64
66	8.6	8.5	7.1	7.0	6.4	6.0	5.7							66
68	8.0	7.9	6.2	6.1	5.6	5.6	5.3							68
70	7.5	7.3	5.5	5.4	5.0	4.8	4.7							70
72		6.7	4.9	4.8	4.2	4.0	3.9							72
74		6.0	4.2	4.1	3.7	3.5	3.4							74
76		5.4	3.5	3.4	3.3	3.2	3.0							76
78			3.0											78
Parts of line	2	2	2	2	2	2	1							Parts of line
Code	211110	211111	222110	222111	222220	222221	222222							Code


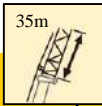

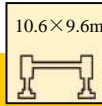

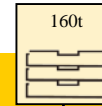
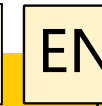
Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
24	18.4							24
26	17.8	14.6	14.5					26
28	16.7	14.0	13.9	13.8				28
30	15.9	13.4	13.3	13.2	13.0			30
32	15.3	12.8	12.7	12.6	12.3			32
34	14.7	12.2	12.1	12.0	11.8	10.9		34
36	14.1	11.6	11.6	11.5	11.4	10.6	10.4	36
38	13.9	11.1	10.9	10.8	10.6	10.2	9.9	38
40	13.5	10.7	10.7	10.6	10.2	9.8	9.7	40
42	12.9	10.3	10.3	10.2	10.1	9.6	9.5	42
44	12.5	10.0	9.9	9.8	9.6	9.3	8.9	44
46	11.9	9.6	9.5	9.4	9.3	9.1	8.7	46
48	11.8	9.4	9.3	9.1	8.8	8.6	8.4	48
50	11.2	9.0	8.9	8.8	8.6	8.4	8.1	50
52	11.1	8.8	8.7	8.5	8.3	8.1	7.9	52
54	10.6	8.4	8.3	8.2	7.9	7.8	7.6	54
56	10.5	8.2	8.1	7.9	7.8	7.6	7.3	56
58	9.9	7.9	7.8	7.7	7.7	7.5	6.7	58
60	9.9	7.8	7.8	7.5	7.1	6.9	6.5	60
62	9.8	7.6	7.5	7.3	7.0	6.4	6.1	62
64	9.3	7.2	7.1	7.2	6.8	6.3	5.4	64
66	8.5	7.1	7.1	7.0	6.1	5.7	5.3	66
68	7.8	6.6	6.5	6.5	5.4	5.1	4.8	68
70	7.1	6.2	5.9	5.8	5.0	4.6	4.2	70
72	6.5	5.9	5.4	5.3	4.5	4.4	4.1	72
74	5.9	5.6	4.8	4.6	4.0	4.0	3.7	74
76	5.0	5.4	4.2	4.2	3.5	3.7	3.5	76
78	4.4	5.0	3.8	3.7	3.0	3.2	3.0	78
80		4.5	3.2	3.1		3.1		80
82		4.1						82
Parts of line	2	1	1	1	1	1	1	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code


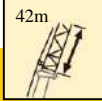

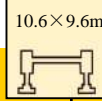

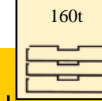
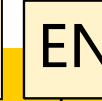
Lifting capacities with counterweight at the rear

T 51~84.6m

	 51-84.6m	 35m	 20°	 10.6×9.6m	 360°	 160t	 EN	
	51	56.6	62.2	67.8	73.4	79	84.6	
28	13.8							28
30	13.2	10.7						30
32	12.6	10.1	10.0					32
34	12.0	9.8	9.7	9.6				34
36	11.3	9.2	9.2	9.1	8.7			36
38	11.0	8.9	8.8	8.7	8.5	7.7		38
40	10.8	8.6	8.5	8.4	8.3	7.5	6.8	40
42	10.3	8.3	8.3	8.2	8.1	7.0	6.6	42
44	9.8	7.6	7.6	7.6	7.8	7.0	6.4	44
46	9.4	7.6	7.6	7.6	7.5	6.5	6.1	46
48	9.2	7.3	7.3	7.1	7.0	6.5	5.9	48
50	8.8	7.0	7.0	6.8	6.6	6.3	5.7	50
52	8.5	6.7	6.7	6.6	6.6	6.1	5.5	52
54	8.2	6.4	6.4	6.6	6.4	5.8	5.5	54
56	8.0	6.4	6.3	6.3	6.2	5.7	5.3	56
58	7.7	6.0	6.0	6.0	5.8	5.6	5.0	58
60	7.6	5.8	5.8	5.7	5.3	5.3	4.8	60
62	7.4	5.7	5.7	5.7	4.8	5.2	4.8	62
64	7.0	5.4	5.4	5.4	4.8	5.1	4.5	64
66	6.9	5.1	5.0	4.8	4.3	4.8	4.1	66
68	6.7	5.0	4.9	4.6	3.8	4.3	3.6	68
70	6.4	4.8	4.7	4.5	3.5	4.2	3.6	70
72	6.1	4.6	4.5	4.3	3.3	3.5	3.0	72
74	5.9	4.5	4.3	4.2		3.3		74
76	5.7	4.5	4.0	4.0		3.0		76
78	5.5	4.3	3.6	3.8				78
80	5.0	4.2	3.3	3.7				80
82	4.6	3.8	3.0	3.2				82
84	4.2	3.4						84
86		3.0						86
Parts of line	1	1	1	1	1	1	1	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code


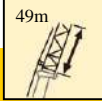

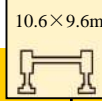

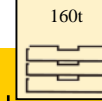
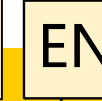


Lifting capacities with counterweight at the rear

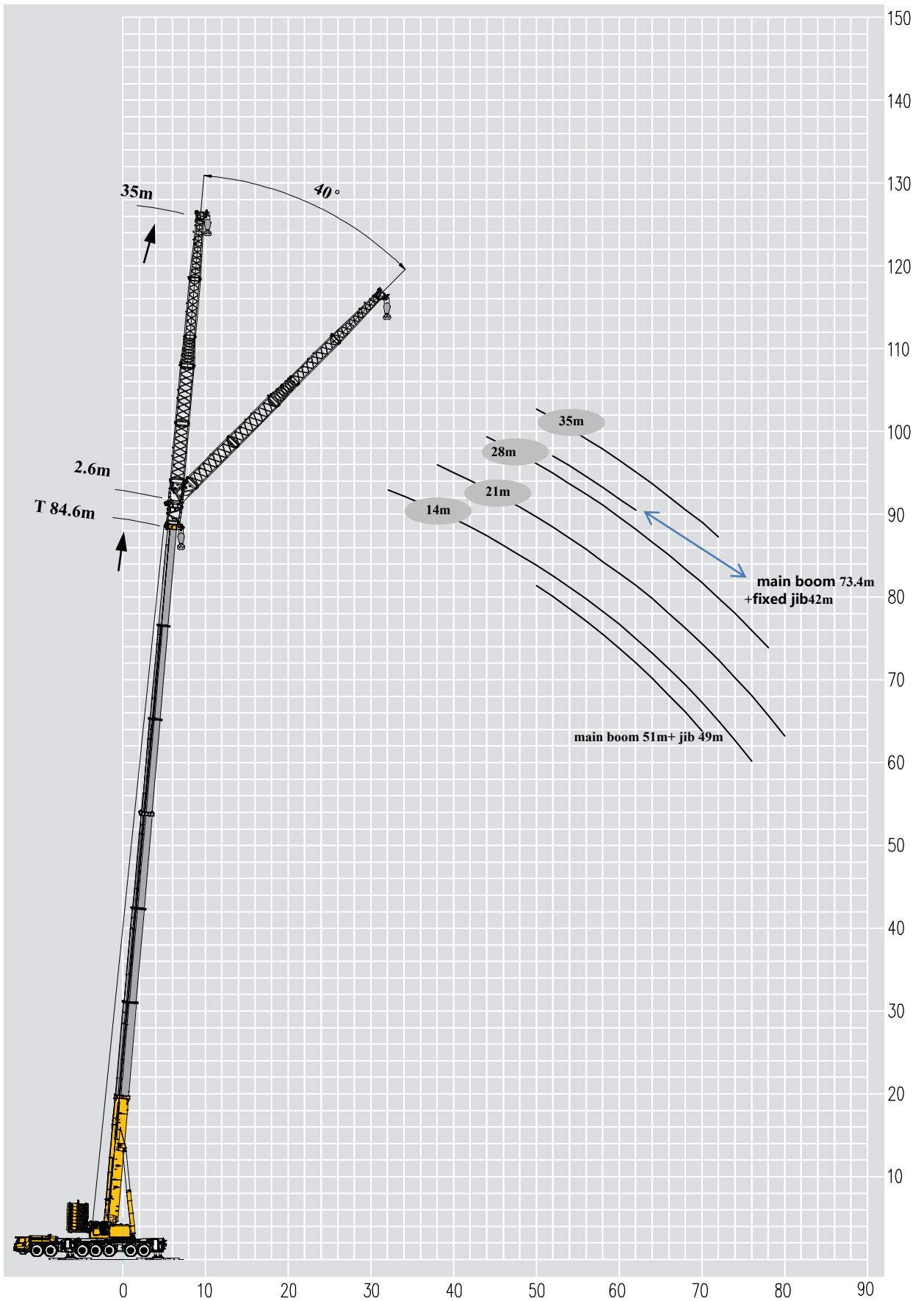
T 51~79m

	 51-79m	 42m	 20°	 10.6×9.6m	 360°	 160t	 EN	
	51	56.6	62.2	67.8	73.4	79		
32	10.6						32	
34	9.9	7.9	7.6				34	
36	9.6	7.6	7.2	7.0			36	
38	9.0	7.3	6.9	6.8	6.7		38	
40	8.7	7.0	6.7	6.5	6.3	6.3	40	
42	8.4	6.7	6.5	6.2	6.1	6.0	42	
44	8.1	6.4	6.2	6.0	5.9	5.8	44	
46	7.8	6.1	6.0	5.7	5.7	5.5	46	
48	7.4	5.8	5.8	5.6	5.5	5.3	48	
50	7.1	5.4	5.2	5.2	5.0	5.1	50	
52	6.8	5.1	5.0	4.9	4.8	4.8	52	
54	6.5	5.0	5.0	4.7	4.6	4.5	54	
56	6.5	4.8	4.8	4.6	4.4	4.3	56	
58	6.2	4.5	4.5	4.4	4.2	4.3	58	
60	5.9	4.4	4.3	4.1	4.1	4.1	60	
62	5.8	4.2	4.2	4.0	3.8	3.8	62	
64	5.5	4.1	4.1	3.9	3.6	3.8	64	
66	5.3	3.9	3.9	3.8	3.3	3.6	66	
68	5.1	3.7	3.6	3.6	3.2	3.5	68	
70	4.9	3.6	3.5	3.4		3.4	70	
72	4.8	3.4	3.4	3.3		3.2	72	
74	4.6	3.4	3.4	3.2			74	
76	4.6	3.2		3.1			76	
78	4.4	3.0					78	
80	4.3						80	
82	4.3						82	
84	4.0						84	
86	3.5						86	
88	3.0						88	
Parts of line	1	1	1	1	1	1	Parts of line	
Code	211110	211111	222110	222111	222220	222221	Code	

Lifting capacities with counterweight at the rear


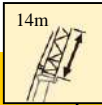

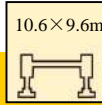
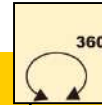
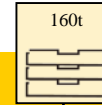

T 51~79m

	 51	 56.6	 62.2	 67.8	 73.4	 79		
								
36	8.0							36
38	7.5	5.7	5.5					38
40	7.3	5.4	5.3	5.2				40
42	6.9	5.1	5.0	4.9	4.6			42
44	6.4	4.9	4.8	4.7	4.4	4.2		44
46	6.3	4.8	4.6	4.4	4.3	4.1		46
48	6.0	4.5	4.4	4.1	4.1	3.9		48
50	5.7	4.3	4.1	3.9	3.9	3.6		50
52	5.5	4.0	3.9	3.7	3.7	3.6		52
54	5.2	3.7	3.6	3.7	3.5	3.3		54
56	5.1	3.5	3.5	3.4	3.3	3.1		56
58	4.9	3.5	3.3	3.2	3.1			58
60	4.5	3.3	3.2	3.1				60
62	4.5	3.1	3.1	3.0				62
64	4.2							64
66	4.0							66
68	3.9							68
70	3.7							70
72	3.7							72
74	3.4							74
76	3.2							76
78	3.2							78
80	3.0							80
Parts of line	1	1	1	1	1	1		Parts of line
Code	211110	211111	222110	222111	222220	222221		Code




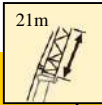

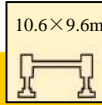
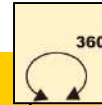
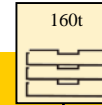

Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
24	25.3							24
26	24.9	20.4	20.2					26
28	24.2	19.8	19.8	19.7	19.6			28
30	23.6	19.2	19.0	18.8	18.6	18.0		30
32	23.0	18.6	18.5	18.5	18.3	17.3	12.1	32
34	22.4	18.1	18.0	18.0	17.9	16.8	11.7	34
36	22.1	18.0	17.9	17.7	17.7	16.2	11.3	36
38	21.8	17.4	17.2	17.2	17.1	15.8	11.0	38
40	21.4	16.9	16.8	16.3	16.0	15.6	10.5	40
42	21.1	16.7	16.6	15.8	15.1	14.5	10.1	42
44	20.8	16.3	16.1	15.0	14.0	13.8	9.9	44
46	19.0	16.1	15.8	14.5	13.2	12.5	9.8	46
48	17.5	15.2	15.0	14.0	12.5	12.0	9.4	48
50	16.0	14.4	14.0	13.0	11.8	11.1	8.9	50
52	15.4	13.8	13.2	12.2	11.0	10.5	8.5	52
54		13.3	12.1	11.5	10.5	9.8	8.0	54
56		12.9	11.2	10.9	10.0	9.2	7.5	56
58			10.4	10.2	9.5	8.5	7.0	58
60			9.3	9.3	8.7	8.3	6.5	60
62				8.5	8.0	7.6	6.4	62
64				7.6	7.1	6.8	6.1	64
66					6.0	6.1	5.5	66
68					5.3	5.7	5.0	68
70						5.3	4.9	70
72						4.6	4.4	72
74							3.8	74
76							3.3	76
Parts of line	2	2	2	2	2	2	1	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code


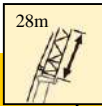

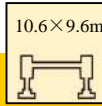

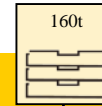
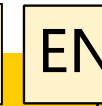
Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
28	17.2							28
30	16.6	13.4	13.3					30
32	16.0	13.4	13.3	12.8				32
34	15.6	12.7	12.6	12.5	12.4			34
36	15.4	12.2	12.1	12.0	11.9	11.3		36
38	15.0	12.1	12.0	11.9	11.6	10.8	10.0	38
40	14.7	11.6	11.5	11.5	11.4	10.7	9.8	40
42	14.4	11.5	11.4	11.3	11.1	10.3	9.5	42
44	14.1	10.9	10.8	10.8	10.7	10.1	9.3	44
46	13.8	10.9	10.8	10.7	10.5	10.0	9.0	46
48	13.8	10.8	10.7	10.7	10.2	9.7	8.8	48
50	13.4	10.3	10.3	10.3	10.0	9.3	8.5	50
52	13.1	10.3	10.3	10.1	9.8	9.1	8.2	52
54	12.7	10.1	10.1	9.5	9.4	8.7	8.0	54
56	12.5	9.7	9.7	9.0	8.9	8.4	7.8	56
58	12.3	9.7	9.6	8.7	8.5	8.1	7.6	58
60	12.0	9.7	9.5	8.2	8.1	7.6	7.2	60
62		9.7	8.6	8.0	7.8	7.2	6.8	62
64		9.5	7.5	7.4	7.2	6.8	6.4	64
66			7.0	6.9	6.8	6.3	6.0	66
68			6.5	6.2	6.0	5.5	5.5	68
70				5.8	5.6	4.8	4.7	70
72				5.3	5.0	4.4	4.3	72
74					4.1	3.9	3.8	74
76					3.5	3.7	3.6	76
78						3.5	3.3	78
80							3.0	80
Parts of line	2	1	1	1	1	1	1	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code

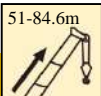
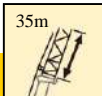

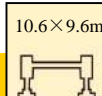

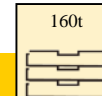



Lifting capacities with counterweight at the rear




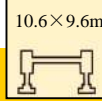
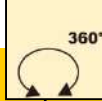


T 51~84.6m


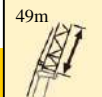

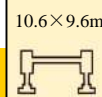

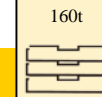

								
	51	56.6	62.2	67.8	73.4	79	84.6	
34	11.6							34
36	11.5	9.0	8.9					36
38	11.0	9.0	8.9	8.8				38
40	10.9	8.7	8.6	8.5	8.5			40
42	10.6	8.4	8.3	8.2	8.0	7.7		42
44	10.4	8.4	8.2	8.0	8.0	7.6	6.6	44
46	10.2	8.1	8.0	7.9	7.8	7.5	6.5	46
48	9.8	7.8	7.8	7.6	7.5	7.2	6.3	48
50	9.8	7.8	7.6	7.4	7.3	7.0	6.3	50
52	9.6	7.4	7.4	7.3	7.1	6.9	6.1	52
54	9.4	7.1	6.9	6.8	6.7	6.4	6.1	54
56	9.3	7.1	6.8	6.6	6.5	6.3	5.8	56
58	9.1	7.1	6.7	6.5	6.4	6.1	5.6	58
60	9.1	6.8	6.6	6.4	6.3	6.1	5.6	60
62	8.9	6.7	6.4	6.3	6.0	5.8	5.3	62
64	8.8	6.5	6.4	6.3	5.9	5.5	5.3	64
66	8.8	6.5	6.4	6.2	5.7	5.3	4.9	66
68		6.5	5.9	6.2	5.7	5.1	4.8	68
70		6.5	5.5	5.8	5.4	4.9	4.3	70
72			5.2	5.4	5.0	4.6	4.3	72
74			5.0	5.0	4.5	4.4	3.8	74
76				4.4	4.0	3.9	3.6	76
78				4.0	3.5	3.4	3.3	78
80						2.8		80
Parts of line	1	1	1	1	1	1	1	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code

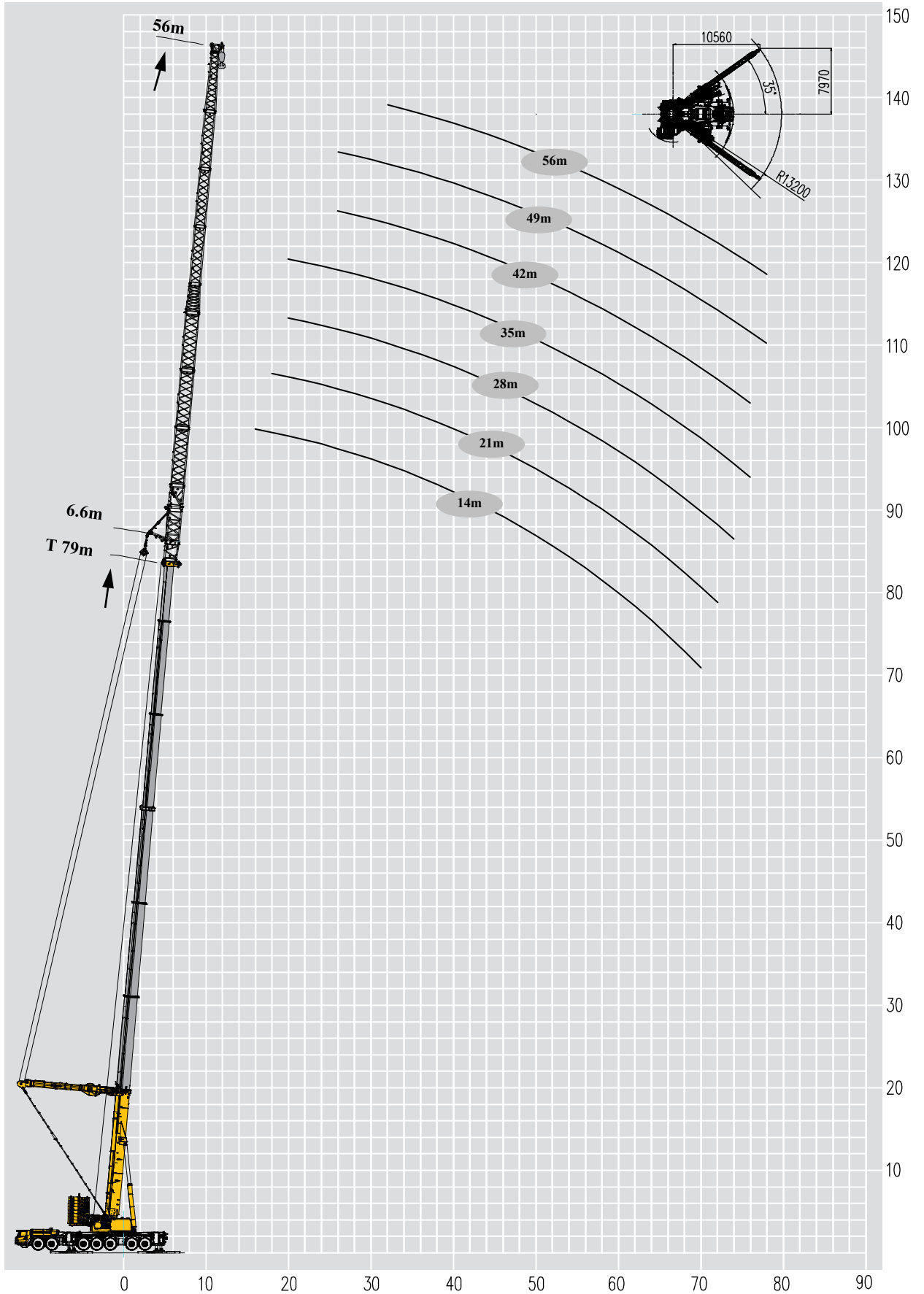
Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
								
40	8.4							40
42	8.1	6.4	6.3					42
44	7.8	6.1	6.0	5.9				44
46	7.8	6.0	5.9	5.7	5.6			46
48	7.4	5.8	5.7	5.5	5.5	5.3		48
50	7.1	5.7	5.6	5.4	5.4	5.3	4.5	50
52	7.1	5.5	5.4	5.2	5.2	5.1	4.3	52
54	6.8	5.1	5.0	4.9	4.8	5.0	4.3	54
56	6.8	5.1	4.9	4.7	4.6	4.5	4.3	56
58	6.5	5.1	4.8	4.7	4.5	4.4	4.1	58
60	6.5	4.8	4.6	4.5	4.4	4.3	4.1	60
62	6.4	4.8	4.6	4.4	4.4	4.3	3.9	62
64	6.2	4.5	4.4	4.3	4.1	4.0	3.8	64
66	6.2	4.5	4.3	4.1	4.0	3.8	3.8	66
68	6.2	4.5	4.2	4.1	4.0	3.8	3.6	68
70	6.0	4.4	4.2	4.1	3.5	3.5	3.3	70
72	5.9	4.2	4.2	4.0	3.2	3.1	3.3	72
74	5.9	4.2	4.0	3.9	3.0			74
76		4.2	3.9	3.6				76
78		4.2	3.4	3.3				78
80			3.3	3.2				80
82				3.2				82
Parts of line	1	1	1	1	1	1	1	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code

	 51	 56.6	 62.2	 67.8	 73.4	 EN														
	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	Parts of line	Code
	5.9	5.8	5.6	5.5	5.3	5.2	4.9	4.9	4.6	4.6	4.6	4.3	4.3	4.3	4.2	4.0	4.0	4.0	1	211110
		4.3	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.0	3.0						1	211111
			4.1	4.0	3.8	3.8	3.6	3.5	3.4	3.2	3.2	3.0	3.0						1	222110
				3.9	3.7	3.6	3.4	3.4	3.2	3.2	3.0	3.0							1	222111
				3.8	3.5	3.5	3.3	3.3	3.0	3.0									1	222220
				3.7	3.5	3.5	3.3	3.3	3.0	3.0									1	
				3.6	3.5	3.5	3.3	3.3	3.0	3.0									1	
				3.4	3.3	3.3	3.1	3.1	3.0	3.0									1	
				3.3	3.2	3.2	3.1	3.1	3.0	3.0									1	
				3.2	3.1	3.1	3.0	3.0	3.0	3.0									1	
				3.1	3.0	3.0	2.9	2.9	2.9	2.9									1	
				3.0	2.9	2.9	2.8	2.8	2.8	2.8									1	
				2.9	2.8	2.8	2.7	2.7	2.7	2.7									1	
				2.8	2.7	2.7	2.6	2.6	2.6	2.6									1	
				2.7	2.6	2.6	2.5	2.5	2.5	2.5									1	
				2.6	2.5	2.5	2.4	2.4	2.4	2.4									1	
				2.5	2.4	2.4	2.3	2.3	2.3	2.3									1	
				2.4	2.3	2.3	2.2	2.2	2.2	2.2									1	
				2.3	2.2	2.2	2.1	2.1	2.1	2.1									1	
				2.2	2.1	2.1	2.0	2.0	2.0	2.0									1	
				2.1	2.0	2.0	1.9	1.9	1.9	1.9									1	
				2.0	1.9	1.9	1.8	1.8	1.8	1.8									1	
				1.9	1.8	1.8	1.7	1.7	1.7	1.7									1	
				1.8	1.7	1.7	1.6	1.6	1.6	1.6									1	
				1.7	1.6	1.6	1.5	1.5	1.5	1.5									1	
				1.6	1.5	1.5	1.4	1.4	1.4	1.4									1	
				1.5	1.4	1.4	1.3	1.3	1.3	1.3									1	
				1.4	1.3	1.3	1.2	1.2	1.2	1.2									1	
				1.3	1.2	1.2	1.1	1.1	1.1	1.1									1	
				1.2	1.1	1.1	1.0	1.0	1.0	1.0									1	
				1.1	1.0	1.0	0.9	0.9	0.9	0.9									1	
				1.0	0.9	0.9	0.8	0.8	0.8	0.8									1	
				0.9	0.8	0.8	0.7	0.7	0.7	0.7									1	
				0.8	0.7	0.7	0.6	0.6	0.6	0.6									1	
				0.7	0.6	0.6	0.5	0.5	0.5	0.5									1	
				0.6	0.5	0.5	0.4	0.4	0.4	0.4									1	
				0.5	0.4	0.4	0.3	0.3	0.3	0.3									1	
				0.4	0.3	0.3	0.2	0.2	0.2	0.2									1	
				0.3	0.2	0.2	0.1	0.1	0.1	0.1									1	
				0.2	0.1	0.1	0.1	0.1	0.1	0.1									1	
				0.1	0.1	0.1	0.1	0.1	0.1	0.1									1	

      		
51		
50	4.3	50
52	4.0	52
54	3.9	54
56	3.8	56
58	3.6	58
60	3.5	60
62	3.4	62
64	3.3	64
66	3.2	66
68	3.0	68
70	3.0	70
Parts of line	1	Parts of line
Code	211110	Code




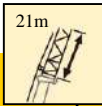
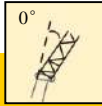
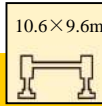

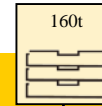
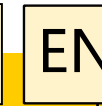
Lifting capacities with counterweight at the rear

T 51~84.6m

	51-84.6m		14m		0°		10.6×9.6m		360°		160t		EN	
	51	56.6	62.2	67.8	73.4	79	84.6							
10	87.0													10
12	81.1	81.0	80.3											12
14	76.7	76.2	76.1	75.9	75.1									14
16	73.7	71.9	71.8	71.7	71.0	69.4								16
18	69.1	68.6	68.2	67.5	67.4	66.5	63.7							18
20	65.8	65.4	65.2	65.1	64.5	64.1	61.8							20
22	63.5	62.5	62.2	61.9	61.5	61.3	59.0							22
24	59.9	59.6	58.9	58.2	57.3	56.7	54.6							24
26	57.5	56.4	52.4	51.9	51.3	51.3	51.3							26
28	52.4	50.8	48.4	47.8	47.3	46.8	46.8							28
30	47.5	46.1	45.1	44.7	44.2	43.7	43.2							30
32	43.7	42.3	41.3	40.9	40.4	40.0	38.7							32
34	38.8	37.6	36.5	36.1	35.2	34.6	34.2							34
36	34.9	33.8	32.6	32.2	32.0	31.9	31.5							36
38	31.4	31.4	31.0	30.9	30.7	30.4	30.4							38
40	30.0	29.5	28.7	28.7	28.7	28.7	28.5							40
42	27.7	26.6	25.7	25.7	25.7	25.7	25.7							42
44	24.8	24.6	24.0	23.8	23.8	23.8	23.8							44
46	22.2	22.1	21.3	21.1	21.1	22.1	22.1							46
48	19.7	19.8	18.9	19.1	19.7	19.8	20.0							48
50	17.5	17.7	16.8	16.9	17.5	17.6	18.1							50
52	15.5	15.8	14.6	14.9	15.5	15.7	16.3							52
54	13.7	14.0	12.8	13.2	13.7	13.9	14.6							54
56	11.9	12.4	11.1	11.6	12.0	12.3	12.9							56
58	9.8	10.9	9.1	10.1	10.0	10.8	11.5							58
60	8.4	9.5	7.7	8.7	8.6	9.4	10.1							60
62	7.1	8.2	6.4	7.4	7.4	8.1	8.8							62
64	5.8	7.0	5.2	6.2	6.1	6.9	7.6							64
66	4.7	5.8	4.1	5.0	5.0	5.8	6.4							66
68		4.7	3.0	4.0	3.9	4.7	5.4							68
70		3.7		3.0		3.7	4.4							70
72							3.4							72
Parts of line	6	6	6	6	6	5	5							Parts of line
Code	211110	211111	222110	222111	222220	222221	222222							Code


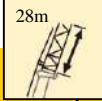

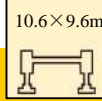

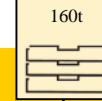
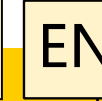
Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
12	65.5							12
14	60.7	59.9	59.4					14
16	55.9	55.1	54.6	52.4	51.8			16
18	50.9	49.7	49.4	49.2	48.6	47.8		18
20	48.2	48.7	47.6	46.1	46.0	45.8	39.0	20
22	45.7	45.5	45.3	43.7	43.3	43.2	37.2	22
24	42.2	42.0	41.6	41.5	41.4	41.1	35.3	24
26	39.5	38.9	39.3	39.2	40.1	39.4	34.5	26
28	37.0	36.8	36.6	36.5	36.1	35.9	32.5	28
30	35.5	34.8	34.7	34.5	34.0	33.8	30.4	30
32	33.3	33.2	33.0	32.8	32.6	32.0	29.5	32
34	31.8	31.5	31.2	31.1	30.8	30.6	28.5	34
36	30.5	30.3	30.0	30.0	29.4	29.4	27.6	36
38	29.3	29.1	28.9	28.8	27.5	26.9	25.6	38
40	28.0	27.9	27.0	27.0	26.1	25.2	24.0	40
42	26.8	26.7	25.1	24.3	24.0	22.7	22.4	42
44	25.5	24.7	23.3	22.5	22.3	21.0	20.0	44
46	24.0	22.8	20.9	20.5	20.2	19.3	18.4	46
48	21.6	20.9	19.4	18.7	18.5	17.6	17.6	48
50	19.3	19.2	17.3	16.9	16.6	16.2	16.4	50
52	17.3	17.2	16.2	16.1	16.0	15.9	15.3	52
54	15.5	15.5	14.4	14.4	14.2	14.2	14.5	54
56	13.7	13.8	12.7	12.6	12.6	12.4	13.7	56
58	12.1	12.3	11.1	11.1	11.1	10.9	12.2	58
60	10.7	10.9	9.6	9.5	9.7	9.4	10.8	60
62	9.3	9.6	8.2	8.2	8.4	8.7	9.5	62
64	8.0	8.4	7.0	7.0	7.2	7.5	8.3	64
66	6.8	7.2	5.8	5.9	6.0	6.4	7.2	66
68	5.6	6.2	4.6	4.9	5.0	5.4	6.1	68
70	4.5	5.1	3.6	3.9	4.0	4.4	5.1	70
72	3.5	4.2		3.0	3.0	3.5	4.1	72
74		3.3					3.3	74
Parts of line	5	4	4	4	4	4	3	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code

Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
14	46.2							14
16	42.7	42.1	41.7					16
18	39.0	38.0	37.6	37.0	36.9			18
20	36.1	35.9	35.7	35.0	34.1	34.0		20
22	34.4	33.9	33.7	33.6	33.3	33.0	32.5	22
24	32.2	32.0	31.9	31.6	31.5	31.4	31.3	24
26	30.7	30.5	30.2	29.9	29.8	29.7	29.7	26
28	28.8	28.8	28.8	28.8	28.7	28.7	28.7	28
30	27.0	27.0	27.3	27.4	27.4	27.4	27.5	30
32	25.7	25.8	25.8	26.3	26.3	26.3	26.4	32
34	24.5	24.6	24.9	25.2	25.2	25.5	25.9	34
36	23.2	23.5	23.8	24.0	24.1	24.4	24.7	36
38	22.3	22.7	22.8	22.9	23.0	23.5	24.1	38
40	21.3	21.6	22.7	21.8	22.0	22.7	22.9	40
42	20.4	21.0	21.7	22.1	22.2	22.2	22.3	42
44	19.8	20.3	21.2	21.2	21.2	21.7	21.8	44
46	19.2	19.2	20.5	20.6	20.6	21.1	21.2	46
48	18.5	18.6	19.6	20.0	20.2	20.5	20.6	48
50	17.0	17.4	18.5	19.0	18.8	19.0	19.0	50
52	16.4	16.8	16.8	17.1	17.1	17.1	17.7	52
54	15.8	15.3	15.3	15.4	15.5	15.6	16.0	54
56	14.5	14.2	13.6	13.8	13.8	14.0	14.4	56
58	13.0	12.8	12.1	12.3	12.3	12.5	12.9	58
60	11.5	11.5	10.6	10.9	11.0	11.1	11.5	60
62	10.2	10.2	9.3	9.6	9.6	9.8	10.2	62
64	9.0	9.1	8.0	8.3	8.3	8.5	8.9	64
66	7.8	8.0	6.9	7.2	7.2	7.4	7.8	66
68	6.8	7.0	5.8	6.1	6.1	6.3	6.7	68
70	5.8	6.3	4.6	4.9	5.0	5.3	5.7	70
72	4.8	5.4	3.6	4.0	4.1	4.4	4.8	72
74	3.9	4.5		3.1	3.1	3.5	3.9	74
76	3.0	3.6					3.1	76
Parts of line	4	3	3	3	3	3	3	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code

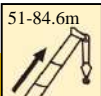
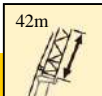
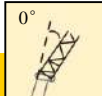
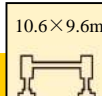

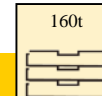

Lifting capacities with counterweight at the rear

T 51~84.6m

	51-84.6m		35m		0°		10.6×9.6m		360°		160t		EN	
	51	56.6	62.2	67.8	73.4	79	84.6							
14	37.4													14
16	33.4	32.5	31.9											16
18	31.3	30.9	30.4	29.8	29.2									18
20	29.3	28.8	28.7	28.6	28.2	27.4								20
22	27.3	27.2	27.1	26.8	26.6	25.8	23.7							22
24	25.9	25.7	25.2	25.1	25.0	24.8	23.3							24
26	24.8	24.5	24.2	24.1	24.0	23.7	22.7							26
28	23.6	22.8	22.7	22.6	22.4	22.3	21.7							28
30	22.3	22.0	21.6	21.5	21.4	21.2	20.6							30
32	21.1	20.8	20.5	20.4	20.3	20.1	19.9							32
34	19.9	19.5	19.3	19.2	19.1	19.0	18.8							34
36	19.2	19.0	18.9	18.7	18.6	18.5	18.2							36
38	18.1	18.0	17.9	17.7	17.5	17.3	17.1							38
40	17.4	17.3	17.2	17.1	17.0	16.9	16.6							40
42	16.8	16.7	16.6	16.5	16.4	16.3	16.2							42
44	16.2	16.2	16.1	15.9	15.9	15.8	15.7							44
46	15.6	15.5	15.5	15.4	15.4	15.2	15.2							46
48	14.9	14.8	14.7	14.6	14.5	14.4	14.4							48
50	14.3	14.3	14.3	14.3	14.3	14.2	14.1							50
52	13.6	13.7	13.8	13.9	13.9	14.0	14.0							52
54	13.0	13.1	13.7	13.7	13.8	13.9	13.9							54
56	12.6	12.7	13.1	13.3	13.4	13.6	13.8							56
58	12.4	12.4	12.6	12.7	12.7	13.0	13.3							58
60	11.7	11.7	11.7	11.8	11.8	11.9	11.9							60
62	10.4	10.4	10.4	10.4	10.5	10.9	11.0							62
64	9.0	9.0	9.1	9.2	9.2	9.6	9.7							64
66	7.9	7.9	7.9	8.0	8.0	8.4	8.5							66
68	6.6	6.8	6.8	6.9	6.9	7.3	7.4							68
70	5.7	5.7	5.7	5.8	5.8	6.2	6.4							70
72	4.9	4.9	4.7	4.8	4.8	5.2	5.4							72
74	3.7	3.8	3.8	3.9	3.9	4.3	4.5							74
76	3.4	3.2		3.1	3.0	3.4	3.6							76
Parts of line	3	3	3	2	2	2	2							Parts of line
Code	211110	211111	222110	222111	222220	222221	222222							Code


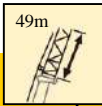
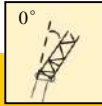
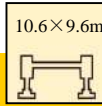

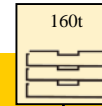
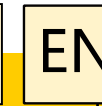
Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
16	27.6							16
18	25.3	25.2						18
20	24.7	24.6	24.5					20
22	23.5	23.2	22.9	22.8				22
24	22.3	21.8	21.7	21.7	21.6			24
26	21.1	20.4	20.3	20.2	20.1	20.0		26
28	19.8	19.4	19.4	19.4	19.3	19.0	17.0	28
30	18.6	18.5	18.4	18.3	18.2	17.9	16.5	30
32	17.3	17.3	17.2	17.2	17.1	17.0	16.0	32
34	16.5	16.5	16.4	16.2	16.0	15.9	15.5	34
36	15.1	15.0	14.9	14.8	14.7	14.7	14.6	36
38	14.5	14.4	14.4	14.3	14.2	14.2	14.1	38
40	13.9	13.8	13.7	13.7	13.7	13.6	13.6	40
42	13.4	13.3	13.3	13.2	13.1	13.0	13.0	42
44	13.2	13.1	13.0	12.9	12.8	12.7	12.5	44
46	12.8	12.7	12.6	12.5	12.4	12.3	12.2	46
48	12.1	12.0	12.0	11.9	11.9	11.9	11.9	48
50	11.5	11.4	11.4	11.4	11.3	11.3	11.2	50
52	11.1	11.1	11.2	11.5	11.6	11.7	11.8	52
54	10.5	10.5	10.6	10.9	11.1	11.2	11.4	54
56	10.4	10.5	10.7	10.8	11.0	11.1	11.3	56
58	9.9	10.1	10.2	10.2	10.6	11.0	11.2	58
60	9.5	9.7	10.0	10.2	10.2	10.6	10.7	60
62	9.2	9.5	9.6	9.6	9.9	10.4	10.6	62
64	8.9	9.1	9.4	9.4	9.5	9.7	9.9	64
66	8.6	8.7	8.7	8.6	8.6	8.8	9.1	66
68	7.0	7.2	7.2	7.3	7.2	7.5	7.7	68
70	6.2	6.3	6.3	6.3	6.3	6.5	6.7	70
72	5.1	5.2	5.3	5.3	5.4	5.5	5.7	72
74	4.4	4.4	4.4	4.4	4.4	4.6	4.8	74
76	3.3	3.5	3.6	3.6	3.5	3.8	4.0	76
78		3.0					3.2	78
Parts of line	2	2	2	2	2	2	2	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code


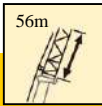
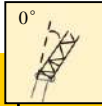
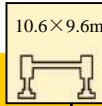

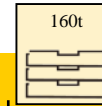
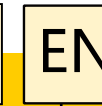
Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
16	24.5							16
18	22.8	22.7						18
20	21.3	21.0	20.7					20
22	20.1	19.8	19.6	19.4				22
24	18.9	18.6	18.5	18.3	18.1			24
26	17.6	17.4	17.3	17.1	16.9	16.5		26
28	16.6	16.5	16.2	16.1	16.0	15.3	13.8	28
30	15.8	15.4	15.2	15.1	14.9	14.4	13.5	30
32	14.7	14.7	14.6	14.5	14.4	13.9	13.3	32
34	14.1	14.1	13.7	13.6	13.5	13.3	13.0	34
36	13.5	13.5	13.2	13.1	13.0	12.8	12.6	36
38	12.9	12.9	12.6	12.5	12.4	12.2	12.0	38
40	12.3	12.3	12.0	12.0	11.9	11.7	11.6	40
42	11.6	11.6	11.4	11.4	11.3	11.3	10.7	42
44	11.0	11.0	10.8	10.8	10.8	10.8	10.3	44
46	10.4	10.4	10.3	10.3	10.2	10.1	9.9	46
48	9.9	9.9	9.8	9.7	9.7	9.6	9.6	48
50	9.7	9.6	9.5	9.5	9.5	9.5	9.4	50
52	9.2	9.1	9.1	9.1	9.1	9.1	9.1	52
54	8.8	8.8	8.9	9.0	9.1	9.2	9.3	54
56	8.3	8.3	8.3	8.7	8.8	8.9	9.0	56
58	8.1	8.0	8.3	8.5	8.5	8.6	8.7	58
60	7.7	7.7	7.7	8.3	8.3	8.3	8.4	60
62	7.5	7.6	7.7	8.0	8.0	8.1	8.2	62
64	7.1	7.4	7.5	7.7	7.7	8.0	8.1	64
66	6.9	6.9	7.5	7.6	7.7	7.7	7.8	66
68	6.6	6.8	6.8	6.9	6.9	6.9	6.9	68
70	6.3	6.5	6.6	6.6	6.6	6.7	6.9	70
72	5.5	5.6	5.6	5.7	5.7	5.8	5.9	72
74	4.8	4.8	4.8	4.8	4.8	4.9	5.0	74
76	3.9	4.0	4.0	4.0	4.0	4.0	4.2	76
78	3.3	3.3	3.2	3.3	3.2	3.2	3.4	78
Parts of line	2	2	2	2	2	2	1	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code

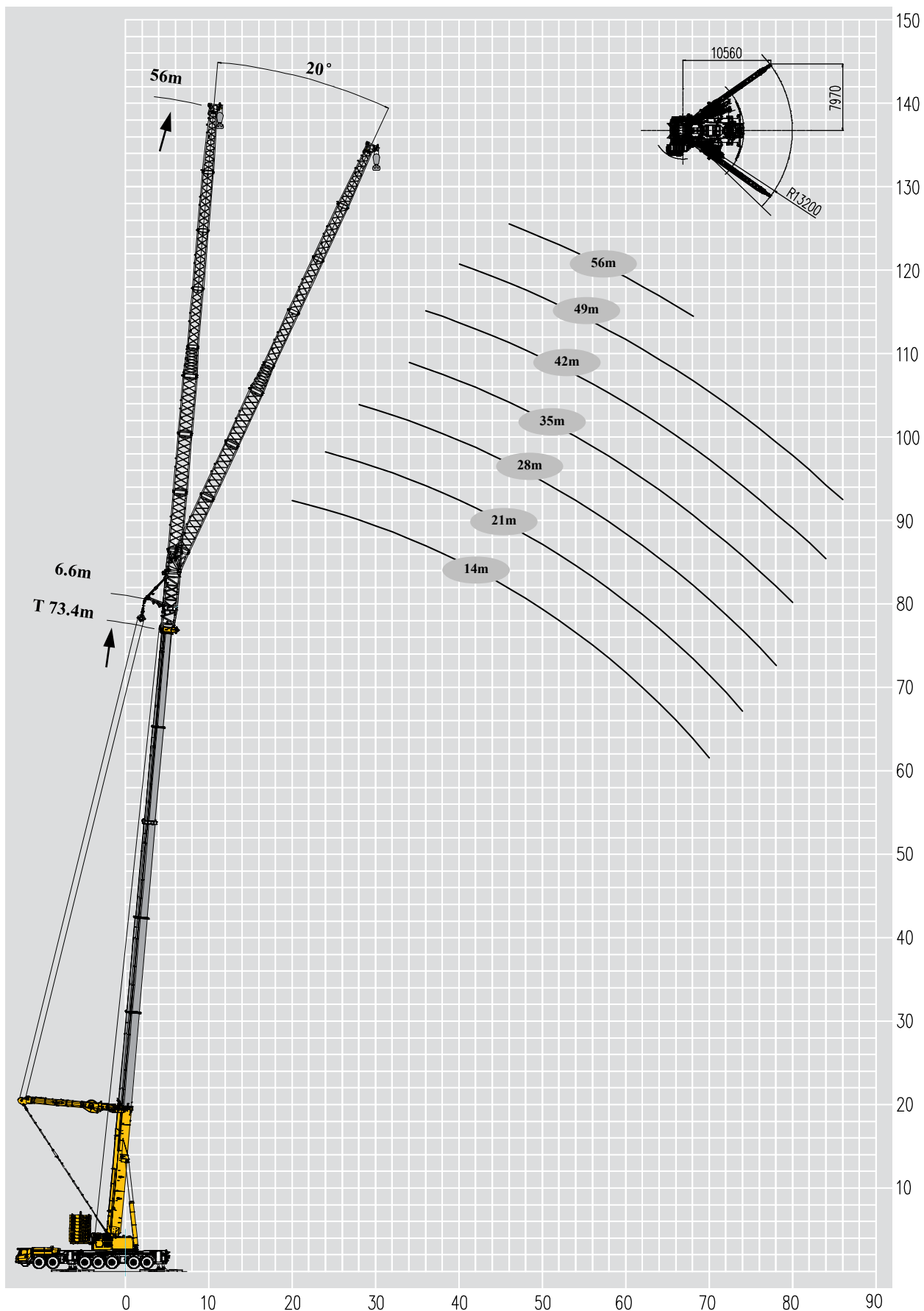
Lifting capacities with counterweight at the rear

T 51~79m

	 51-79m	 56m	 0°	 10.6×9.6m	 360°	 160t	 EN	
	51	56.6	62.2	67.8	73.4	79		
18	19.7						18	
20	18.6						20	
22	17.4	16.8					22	
24	16.1	15.6	15.8				24	
26	14.8	15.0	14.9				26	
28	14.1	13.8	14.1	13.7			28	
30	13.5	13.2	13.5	13.1	12.9		30	
32	12.7	12.6	12.6	12.5	12.4	12.3	32	
34	12.0	12.0	11.9	11.8	11.7	11.7	34	
36	11.4	11.4	11.4	11.4	11.4	11.4	36	
38	10.7	10.6	10.5	10.4	10.4	10.3	38	
40	10.1	10.1	10.1	10.1	10.0	9.9	40	
42	9.5	9.5	9.5	9.5	9.5	9.5	42	
44	9.0	9.1	9.2	9.2	9.2	9.2	44	
46	8.7	8.7	8.8	8.8	8.8	8.8	46	
48	8.2	8.2	8.3	8.4	8.4	8.5	48	
50	7.8	7.9	8.0	8.1	8.1	8.2	50	
52	7.5	7.6	7.7	7.8	7.8	7.9	52	
54	7.2	7.3	7.4	7.5	7.5	7.6	54	
56	6.8	7.0	7.1	7.2	7.2	7.3	56	
58	6.2	6.6	6.8	7.0	7.2	7.0	58	
60	5.9	6.3	6.5	6.7	7.0	6.9	60	
62	5.6	6.0	6.2	6.4	6.7	6.8	62	
64	5.5	5.6	6.0	6.2	6.4	6.5	64	
66	5.3	5.4	5.9	6.1	6.1	6.1	66	
68	5.0	5.3	5.6	5.8	6.0	6.0	68	
70	4.6	5.0	5.3	5.5	5.8	5.8	70	
72	4.6	4.8	5.1	5.3	5.5	5.5	72	
74	4.3	4.7	5.0	5.0	5.1	5.2	74	
76	4.3	4.4	4.4	4.4	4.4	4.4	76	
78	4.0	4.2	3.8	3.8	3.4	3.6	78	
80	3.8	4.1	3.0	3.0			80	
82	3.8	3.9					82	
84	3.2	3.3					84	
Parts of line	2	2	2	1	1	1	Parts of line	
Code	211110	211111	222110	222111	222220	222221	Code	


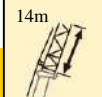

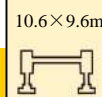

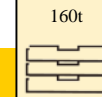

Lifting heights

Boom+super lifting device+fixed jib with 20° offset angle




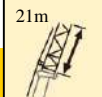

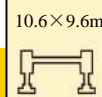

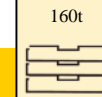

Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
16	45.3							16
18	43.3	43.1	42.8					18
20	42.1	41.9	41.2	40.7	39.6			20
22	40.1	39.5	39.1	38.8	38.1	35.2		22
24	38.8	38.4	38.1	37.9	37.5	34.3	29.4	24
26	36.7	36.3	36.2	36.0	35.8	33.3	27.7	26
28	35.7	35.0	34.9	34.3	34.0	31.5	27.7	28
30	35.6	34.9	34.1	33.9	33.5	31.2	26.9	30
32	34.4	34.0	33.3	32.9	32.5	30.4	26.8	32
34	33.4	33.2	32.9	31.8	31.5	30.2	26.2	34
36	33.3	33.0	32.2	31.7	31.1	29.5	25.9	36
38	32.5	31.7	29.9	29.2	28.6	27.2	24.5	38
40	30.4	30.0	27.3	26.7	26.0	25.6	22.4	40
42	27.6	27.3	25.8	24.9	24.4	23.2	20.3	42
44	25.1	24.9	23.4	22.4	22.4	21.6	18.9	44
46	22.4	22.8	20.9	20.6	20.2	20.0	17.5	46
48	20.6	20.4	19.5	19.4	18.9	18.4	17.3	48
50	19.0	18.5	17.9	17.7	17.7	17.6	16.8	50
52	16.7	16.5	15.9	15.8	15.6	15.5	15.2	52
54	14.4	14.4	14.0	15.0	14.9	14.8	14.7	54
56	12.9	13.1	12.3	13.2	13.3	14.0	14.2	56
58	11.2	11.5	10.7	11.6	11.7	12.3	13.0	58
60	9.6	10.1	8.6	9.6	9.6	11.0	11.3	60
62	8.1	8.7	7.3	8.3	8.3	9.1	9.9	62
64	6.6	7.4	6.0	7.0	7.1	7.8	8.7	64
66		6.2	4.8	5.8	5.9	6.7	7.5	66
68		5.1	3.7	4.7	4.8	5.6	6.4	68
70				3.7	3.8	4.6	5.4	70
72						3.6	4.4	72
74							3.5	74
Parts of line	3	3	3	3	3	3	2	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code


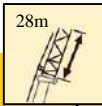

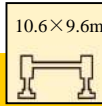

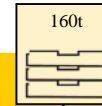
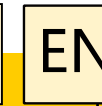
Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
18	27.6							18
20	26.5	26.8	25.8					20
22	25.9	25.7	24.9	24.3				22
24	24.7	24.6	24.5	24.4	24.3			24
26	24.1	23.9	23.8	23.7	23.6	23.2		26
28	23.0	22.9	22.7	22.6	22.5	22.4	20.6	28
30	22.9	22.7	22.6	22.5	22.3	21.8	20.4	30
32	21.8	21.6	21.5	21.4	21.3	21.2	19.9	32
34	21.7	21.6	21.4	21.3	21.2	20.7	19.5	34
36	20.6	20.5	20.4	20.3	20.2	20.0	19.1	36
38	20.5	20.4	20.3	20.2	19.9	19.7	18.6	38
40	19.4	19.3	19.2	19.1	19.0	18.9	18.2	40
42	19.4	19.2	19.1	19.0	18.9	18.2	17.7	42
44	18.8	18.7	18.6	18.5	18.4	18.0	17.2	44
46	18.8	18.6	18.5	18.4	18.1	17.6	16.7	46
48	18.2	18.1	17.9	17.7	17.5	17.3	16.1	48
50	17.6	17.5	17.3	17.2	17.1	16.7	15.6	50
52	17.6	17.5	17.1	17.0	16.6	16.4	15.0	52
54	17.0	16.7	16.0	15.7	15.2	15.0	14.3	54
56	15.2	15.0	14.4	14.2	14.1	14.0	13.9	56
58	13.5	13.5	12.9	12.9	13.3	13.2	13.1	58
60	11.9	12.8	11.3	12.1	12.0	12.6	12.5	60
62	10.4	11.4	9.9	10.6	10.6	11.2	11.4	62
64	9.0	10.0	8.5	9.3	9.3	9.9	10.1	64
66	7.5	8.4	7.0	7.8	7.7	8.4	8.9	66
68	6.2	7.2	5.8	6.6	6.6	7.2	7.8	68
70	5.1	6.1	4.7	5.5	5.5	6.2	6.7	70
72		5.1	3.7	4.5	4.5	5.1	5.7	72
74		4.0		3.5	3.5	4.2	4.7	74
76		3.0				3.3	3.8	76
78							3.0	78
Parts of line	2	2	2	2	2	2	2	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code


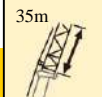

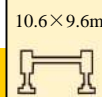

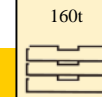

Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
22	19.4							22
24	19.1	18.7	18.6					24
26	18.3	18.1	17.9	17.8				26
28	17.5	17.4	17.3	17.1	16.9			28
30	16.9	16.8	16.6	16.5	16.4			30
32	16.7	16.6	16.5	16.3	16.0	15.7		32
34	16.3	16.3	16.3	16.0	15.6	15.6	14.9	34
36	15.7	15.5	15.4	15.3	15.2	15.1	14.8	36
38	15.1	15.0	14.9	14.7	14.6	14.5	14.3	38
40	14.9	14.8	14.7	14.6	14.3	14.2	14.1	40
42	14.5	14.3	14.2	14.1	14.1	14.1	13.8	42
44	13.9	13.8	13.8	13.8	13.8	13.7	13.7	44
46	13.7	13.7	13.6	13.6	13.5	13.4	13.2	46
48	13.3	13.2	13.1	13.1	13.0	13.0	12.9	48
50	13.1	13.0	12.9	12.8	12.7	12.6	12.5	50
52	12.7	12.8	12.8	12.6	12.4	12.4	11.9	52
54	12.5	12.5	12.3	12.2	12.1	12.1	11.5	54
56	12.0	12.2	12.2	12.2	12.1	11.9	11.0	56
58	11.9	11.9	11.8	11.7	11.6	11.4	10.7	58
60	11.4	11.6	11.5	11.3	11.0	10.8	10.6	60
62	11.3	11.3	11.2	11.1	10.6	10.4	10.1	62
64	11.2	11.0	10.4	10.0	9.8	9.6	9.6	64
66	9.9	9.8	9.0	8.8	8.6	8.7	8.5	66
68	8.6	8.5	7.9	7.8	7.7	8.4	8.1	68
70	7.4	8.2	6.8	7.4	7.3	7.8	7.8	70
72	6.3	7.1	5.7	6.3	6.2	6.7	7.2	72
74	5.2	6.0	4.6	5.3	5.2	5.7	6.2	74
76	4.1	5.0	3.6	4.3	4.2	4.7	5.2	76
78	3.1	4.1		3.4	3.3	3.8	4.3	78
80		3.1				3.0	3.4	80
Parts of line	2	2	2	2	2	2	1	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code

Lifting capacities with counterweight at the rear


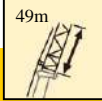

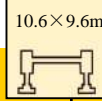

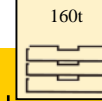
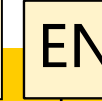


T 51~84.6m




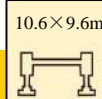

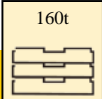


								
	51	56.6	62.2	67.8	73.4	79	84.6	
26	14.8							26
28	14.2	14.3						28
30	13.6	13.5	13.4					30
32	13.0	12.9	12.8	12.7				32
34	12.6	12.4	12.3	12.2	12.1			34
36	12.5	12.3	12.2	12.1	12.0	11.9		36
38	11.8	11.7	11.6	11.5	11.4	11.3	10.7	38
40	11.4	11.3	11.2	11.1	11.0	10.9	10.4	40
42	11.2	11.1	11.0	10.9	10.8	10.7	10.2	42
44	10.8	10.7	10.6	10.5	10.4	10.3	10.0	44
46	10.6	10.5	10.4	10.3	10.3	10.2	10.0	46
48	10.2	10.1	10.0	10.0	10.0	10.0	9.9	48
50	10.0	9.9	9.8	9.7	9.7	9.7	9.7	50
52	9.6	9.5	9.5	9.5	9.5	9.5	9.5	52
54	9.5	9.5	9.5	9.3	9.3	9.3	9.3	54
56	9.3	9.3	9.3	9.2	9.2	9.2	9.1	56
58	9.0	8.9	8.9	8.9	8.9	8.9	8.9	58
60	8.7	8.7	8.7	8.7	8.7	8.7	8.7	60
62	8.6	8.6	8.6	8.6	8.7	8.7	8.7	62
64	8.5	8.5	8.5	8.5	8.5	8.5	8.5	64
66	8.4	8.4	8.4	8.4	8.4	8.4	8.4	66
68	8.2	8.3	8.3	8.3	8.3	8.3	8.3	68
70	8.1	8.1	8.1	8.1	8.1	8.1	8.1	70
72	7.4	7.4	7.4	7.4	7.4	7.5	7.6	72
74	6.6	6.6	6.1	6.5	6.5	6.7	6.8	74
76	5.6	5.7	4.9	5.5	5.5	5.8	5.9	76
78	4.7	4.9	4.0	4.6	4.3	4.9	5.0	78
80	3.8	4.1	3.1	3.7	3.5	4.0	4.2	80
82		3.3				3.2	3.4	82
Parts of line	1	1	1	1	1	1	1	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code

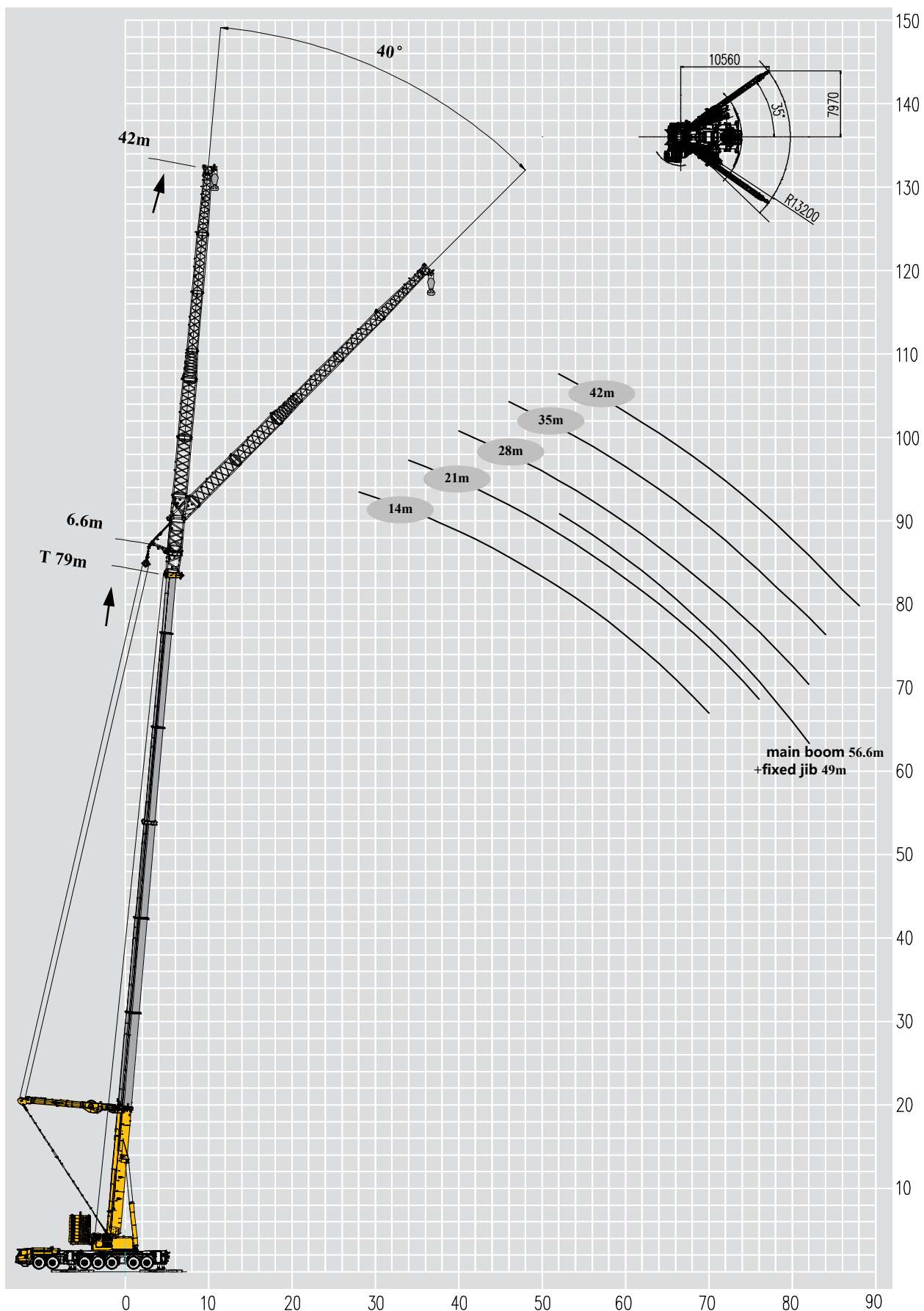
Lifting capacities with counterweight at the rear

T 51~84.6m

	51-84.6m		42m		20°		10.6×9.6m		360°		160t		EN	
	51	56.6	62.2	67.8	73.4	79	84.6							
30	11.0													30
32	10.8	10.7	10.5											32
34	10.4	10.2	10.4	10.1										34
36	10.0	10.0	9.9	9.8	9.6									36
38	9.7	9.6	9.5	9.6	9.5	8.2								38
40	9.4	9.4	9.3	9.2	9.1	8.1	7.0							40
42	9.1	9.0	9.0	9.0	9.0	8.1	7.0							42
44	8.8	8.7	8.7	8.6	8.5	7.5	7.0							44
46	8.5	8.4	8.4	8.4	8.4	7.5	7.0							46
48	8.2	8.2	8.1	8.1	8.1	7.4	7.0							48
50	8.1	8.1	8.0	8.0	7.8	7.4	7.0							50
52	7.6	7.6	7.6	7.6	7.5	7.4	7.0							52
54	7.5	7.5	7.5	7.5	7.5	7.4	7.0							54
56	7.2	7.2	7.2	7.2	7.2	7.1	6.7							56
58	7.2	7.1	7.1	7.0	7.0	7.0	6.7							58
60	6.9	6.9	6.9	6.8	6.8	6.8	6.4							60
62	6.6	6.6	6.8	6.8	6.9	7.0	5.8							62
64	6.6	6.6	6.7	6.7	6.8	6.9	5.8							64
66	6.3	6.5	6.6	6.6	6.7	6.9	4.9							66
68	6.3	6.3	6.4	6.4	6.5	6.6	4.6							68
70	6.0	6.2	6.3	6.4	6.4	6.6	3.4							70
72	5.9	6.0	6.0	6.1	6.2	6.3	3.4							72
74	5.7	5.9	6.0	6.1	6.2	6.3								74
76	5.7	5.7	5.8	6.0	6.1	6.2								76
78	5.6	5.6	5.6	5.7	5.7	5.9								78
80	4.5	4.6	4.7	4.9	4.8	5.0								80
82	3.8	3.8	3.8	4.0	4.0	4.2								82
84	3.0	3.0	3.0	3.2	3.2	3.4								84
Parts of line	1	1	1	1	1	1	1							Parts of line
Code	211110	211111	222110	222111	222220	222221	222222							Code


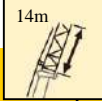

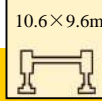

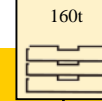
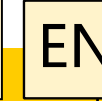
	 51	 56.6	 62.2	 67.8	 73.4	 79		
 34	8.3							 34
36	8.0	7.9	7.8					36
38	7.7	7.6	7.6	7.4				38
40	7.4	7.3	7.2	6.7	6.8			40
42	7.2	7.2	7.2	6.6	6.5	6.0		42
44	7.1	6.9	6.8	6.6	6.4	5.7		44
46	6.6	6.6	6.6	6.6	6.3	5.4		46
48	6.5	6.5	6.4	6.4	6.0	5.2		48
50	6.2	6.2	6.2	6.2	5.8	4.9		50
52	6.0	5.9	5.9	5.9	5.8	4.9		52
54	5.9	5.9	5.6	5.6	5.5	4.7		54
56	5.7	5.8	5.6	5.6	5.5	4.6		56
58	5.6	5.6	5.5	5.4	5.3	4.6		58
60	5.3	5.3	5.3	5.3	5.2	4.6		60
62	5.1	5.1	5.1	5.1	5.0	4.6		62
64	5.0	5.0	5.0	5.0	4.9	4.6		64
66	4.8	4.8	4.8	4.8	4.7	4.6		66
68	4.6	4.6	4.6	4.6	4.5	4.4		68
70	4.5	4.5	4.4	4.4	4.4	4.2		70
72	4.5	4.3	4.3	4.3	4.3	4.2		72
74	4.3	4.3	4.3	4.3	4.3	4.2		74
76	4.2	4.1	4.1	4.0	4.0	4.0		76
78	4.0	4.0	4.0	4.0	4.0			78
80	4.0	3.9	3.8	3.8	3.8			80
82	3.7	3.7	3.7	3.7	3.7			82
84	3.6	3.6	3.6	3.6	3.6			84
86	3.4	3.5	3.0	3.1				86
88	3.2	3.4						88
Parts of line	1	1	1	1	1	1		Parts of line
Code	211110	211111	222110	222111	222220	222221		Code

	 51	 56.6	 62.2	 67.8	 73.4	 EN	
							
38	6.3						38
40	6.0	5.6					40
42	5.7	5.3	5.2				42
44	5.5	5.2	5.1	4.5			44
46	5.4	5.0	4.9	4.2	4.2		46
48	5.1	4.9	4.8	4.2	4.1		48
50	4.9	4.7	4.6	4.0	3.9		50
52	4.8	4.6	4.5	3.8	3.7		52
54	4.4	4.4	4.4	3.7	3.6		54
56	4.3	4.2	4.1	3.6	3.5		56
58	4.2	4.1	3.9	3.5	3.5		58
60	4.1	4.0	3.8	3.4	3.3		60
62	3.9	3.8	3.7	3.4	3.3		62
64	3.8	3.7	3.6	3.4	3.1		64
66	3.6	3.5	3.4	3.3	3.1		66
68	3.5	3.4	3.4	3.2	3.1		68
70	3.4	3.3	3.2	3.1			70
72	3.1	3.1	3.1	3.1			72
74	3.1	3.1	3.0	3.1			74
76			3.0	3.1			76
78				3.1			78
Parts of line	1	1	1	1	1		Parts of line
Code	211110	211111	222110	222111	222220		Code



Lifting capacities with counterweight at the rear

T 51~84.6m

	 51	 56.6	 62.2	 67.8	 73.4	 79	 84.6	
22	33.5							22
24	32.8	32.5	32.2					24
26	32.5	32.4	31.6	31.4	31.2			26
28	31.6	31.2	31.1	30.8	30.2	28.0		28
30	31.2	31.2	31.1	31.1	30.0	27.2	19.9	30
32	30.6	30.0	29.7	28.7	28.5	26.4	19.7	32
34	29.1	28.8	28.3	28.1	27.8	25.8	19.3	34
36	28.8	28.5	27.9	27.5	27.1	25.2	18.9	36
38	28.5	28.2	27.6	27.2	26.7	24.4	18.2	38
40	28.2	27.9	27.3	26.3	26.1	23.6	18.0	40
42	27.7	27.6	26.7	26.0	25.5	22.9	17.9	42
44	27.1	26.7	25.2	24.9	24.1	21.7	17.5	44
46	24.2	24.0	22.5	22.1	21.3	20.5	17.0	46
48	21.6	21.4	20.5	20.3	19.6	19.4	16.5	48
50	18.0	18.1	18.3	18.8	18.5	18.3	16.1	50
52	14.5	15.6	16.2	17.2	17.1	17.0	15.4	52
54		15.2	15.3	15.5	15.4	15.3	14.6	54
56			13.4	14.4	14.3	14.0	13.8	56
58			11.6	12.7	12.7	12.6	12.3	58
60				10.6	11.0	11.6	11.0	60
62				9.2	9.6	10.4	10.3	62
64					8.2	9.0	9.1	64
66					6.9	7.7	7.9	66
68						6.5	6.8	68
70						5.4	5.8	70
72							5.0	72
Parts of line	3	3	3	3	3	2	2	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code


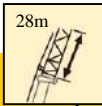
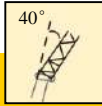
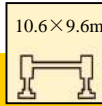

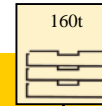
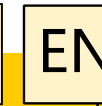
Lifting capacities with counterweight at the rear

T 51~84.6m

	51-84.6m		21m		40°		10.6×9.6m		360°		160t		EN	
	51	56.6	62.2	67.8	73.4	79	84.6							
26	19.2													26
28	19.1	18.1	18.0											28
30	18.5	18.0	17.7	17.5										30
32	17.9	17.5	17.3	17.1	16.9									32
34	17.7	17.4	17.1	16.9	16.5	16.2								34
36	17.3	16.9	16.4	16.2	16.0	15.8	15.6							36
38	17.2	16.8	16.1	16.0	15.8	15.6	15.4							38
40	17.1	16.6	15.8	15.6	15.6	15.3	15.1							40
42	16.7	16.3	15.8	15.6	15.2	15.1	14.9							42
44	16.5	16.2	15.6	15.4	15.2	15.1	14.8							44
46	16.6	16.2	15.2	15.1	14.9	14.7	14.4							46
48	16.1	15.6	15.2	15.0	14.9	14.8	14.2							48
50	15.9	15.6	15.2	14.9	14.7	14.5	14.1							50
52	16.1	16.1	16.1	15.0	14.9	14.4	14.0							52
54	15.9	15.9	15.8	15.0	14.8	14.4	13.8							54
56	15.8	15.8	15.8	14.4	14.3	14.2	13.5							56
58	15.1	14.6	13.9	13.8	13.7	13.6	13.5							58
60		12.5	12.8	13.1	13.1	13.2	13.2							60
62		11.1	11.2	11.6	11.6	11.8	11.8							62
64			9.7	10.1	10.2	10.5	10.6							64
66			8.2	8.8	9.1	9.4	9.5							66
68				7.5	8.0	8.7	9.0							68
70					6.6	7.3	8.2							70
72					5.5	6.2	7.0							72
74						5.2	5.9							74
76						4.2	5.0							76
78							4.0							78
80							3.0							80
Parts of line	2	2	2	2	2	2	2	2	2	2	2	2	2	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	222222	222222	222222	222222	222222	222222	Code

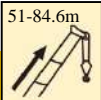
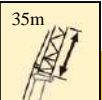

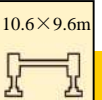

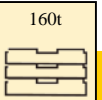

Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
32	13.4							32
34	12.8	12.6	12.3					34
36	12.7	12.4	12.2	12.1				36
38	12.6	12.1	12.0	11.8	11.5			38
40	12.2	11.8	11.6	11.5	11.4	11.3		40
42	12.1	11.7	11.5	11.4	11.3	11.3	11.2	42
44	12.0	11.5	11.4	11.3	11.1	10.9	10.8	44
46	11.5	11.2	11.2	11.2	11.1	11.0	10.9	46
48	11.4	11.2	11.0	11.0	11.0	10.9	10.8	48
50	11.3	11.2	11.0	10.9	10.8	10.7	10.6	50
52	11.2	11.0	10.9	10.8	10.7	10.6	10.5	52
54	11.1	10.9	10.8	10.7	10.6	10.5	10.4	54
56	11.0	10.8	10.7	10.6	10.5	10.4	10.3	56
58	11.0	10.7	10.6	10.5	10.3	10.2	10.1	58
60	10.8	10.6	10.5	10.4	10.2	10.1	10.0	60
62	10.7	10.5	10.3	10.2	10.1	10.0	9.9	62
64	10.8	10.3	10.2	10.1	10.0	9.9	9.8	64
66		10.1	10.1	10.0	9.9	9.8	9.7	66
68		10.0	9.5	9.4	9.4	9.4	9.3	68
70			8.1	8.5	8.5	8.8	8.9	70
72			6.8	7.5	7.5	7.7	7.8	72
74				6.3	6.3	6.7	6.9	74
76				5.3	5.3	5.7	5.9	76
78					4.2	4.8	5.0	78
80					3.3	3.9	4.2	80
82						3.0	3.4	82
Parts of line	1	1	1	1	1	1	1	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code

Lifting capacities with counterweight at the rear

T 51~84.6m

								
	51	56.6	62.2	67.8	73.4	79	84.6	
38	9.4							38
40	9.1	8.7	8.6					40
42	9.0	8.6	8.5	8.4				42
44	8.9	8.5	8.4	8.3	8.2			44
46	8.8	8.4	8.3	8.2	8.1	7.2		46
48	8.6	8.2	8.1	8.0	7.9	7.3	6.2	48
50	8.4	8.0	7.9	7.8	7.8	7.2	6.1	50
52	8.2	7.9	7.8	7.7	7.6	7.3	6.0	52
54	8.1	7.7	7.6	7.5	7.4	7.2	5.9	54
56	8.1	7.6	7.5	7.4	7.3	7.1	5.8	56
58	7.9	7.6	7.4	7.1	7.0	6.9	5.7	58
60	7.8	7.3	7.2	7.1	7.0	6.8	5.6	60
62	7.7	7.2	7.1	7.0	6.9	6.7	5.5	62
64	7.5	7.1	7.0	6.9	6.8	6.6	5.4	64
66	7.4	7.0	6.9	6.7	6.6	6.5	5.3	66
68	7.2	6.9	6.8	6.6	6.5	6.4	5.2	68
70	6.8	6.8	6.5	6.4	6.3	6.2	5.1	70
72	6.7	6.7	6.4	6.3	6.3	6.2	5.0	72
74		6.6	6.4	6.2	6.2	6.2	5.0	74
76		6.4	6.0	6.0	5.9	5.9	5.0	76
78			5.0	5.4	5.4	5.7	3.9	78
80			4.1	4.5	4.5	4.9	3.9	80
82				3.6	3.7	4.1	3.9	82
84					3.0	3.4	3.3	84
Parts of line	1	1	1	1	1	1	1	Parts of line
Code	211110	211111	222110	222111	222220	222221	222222	Code

Lifting capacities with counterweight at the rear

T 51~79m


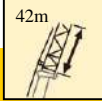

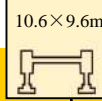

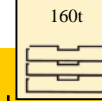
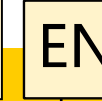


	 51	 56.6	 62.2	 67.8	 73.4	 79		
								
44	6.4							44
46	6.3	6.0	5.6					46
48	6.2	5.9	5.5	5.1				48
50	6.1	5.8	5.4	5.0	4.9			50
52	6.0	5.7	5.3	5.0	4.7	4.5		52
54	5.9	5.6	5.2	4.9	4.7	4.5		54
56	5.8	5.5	5.1	4.9	4.7	4.5		56
58	5.7	5.4	5.0	4.9	4.5	4.5		58
60	5.6	5.3	4.9	4.8	4.5	4.5		60
62	5.5	5.2	4.8	4.7	4.5	4.5		62
64	5.4	5.1	4.7	4.7	4.4	4.3		64
66	5.3	5.0	4.6	4.6	4.2	4.2		66
68	5.2	4.9	4.5	4.4	4.2	4.1		68
70	5.1	4.8	4.4	4.4	4.2	4.0		70
72	5.0	4.7	4.3	4.3	4.2	4.0		72
74	4.9	4.6	4.2	4.2	4.2	4.0		74
76	4.8	4.5	4.2	4.2	4.1	4.0		76
78	4.7	4.4	4.1	4.0	4.0	4.0		78
80		4.3	4.0	4.0	4.0	4.0		80
82		4.2	4.0	4.0	4.0	4.0		82
84			3.7	4.0	4.0	4.0		84
86				3.4	3.4	3.6		86
88						3.0		88
Parts of line	1	1	1	1	1	1		Parts of line
Code	211110	211111	222110	222111	222220	222221		Code

Table of main technical parameters

Category	Item	Unit	Parameter		
Dimensions	Dimensions (length × width × height)	mm	19850×3000×4000		
	Axle spacing	mm	1650+3850+1600+1650+2600+1600		
	Track (Front/ Rear)	mm	2540		
	Front/ Rear overhang	mm	2779/2491		
	Front/ Rear extension	mm	1225/405		
Weight	Max. permissible weight	kg	84000		
	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	
		7th axle	kg	12000	
Power	Engine model	—	OM473LA.6-5 7	WP15H660E6 1	(WP7G300E472
	Engine rated power/rpm	kW/ (r/min)	481/1600	485/1800	220/2200
	Max. net power/rpm	kW/ (r/min)	480/1600	480/1800	220/2200
	Max. output torque/rpm	N.m/ (r/min)	3100/1100	3200/900-1400	1200 /1400 ~ 1600
Travel	Max. travel speed	km/h	80/70		
	Min. stable travel speed	km/h	2		
	Min. turning diameter	m	25		
	Min. ground clearance	mm	336		
	Approach angle	°	16		
	Departure angle	°	13		
	h) Braking distance (at 30 km/h)	m	≤10		
	Max. grade ability	%	44		
	Fuel consumption per 100 km	L	109		
Noise	Exterior noise level	dB(A)	≤88		
	Noise level at seated position	dB(A)	≤90		

Table of main technical parameters

Category	Item		Unit	Parameter	
Main performance	Max. total rated lifting capacity		t	700	
	Min. rated working radius		m	3	
	Turning radius at turntable tail		mm	4500	
	Max. load moment	Base boom		kN.m	21000
		Fully-extended boom		kN.m	11020
		Fully-extended boom + Jib		kN.m	3700
	Outrigger span	Longitudinal		m	10.6
		Lateral		m	9.6
	Hoist height	Base boom		m	17.3
		Fully-extended boom		m	90.5
		Fully-extended boom + Jib		m	154
	Boom length	Base boom		m	17.3
Fully-extended boom		m	90.5		
Fully-extended boom + Jib		m	156		
Working speed	Boom raising time		s	≤130	
	Boom fully extending time		s	≤1480	
	Max. slewing speed		r/min	1	
	Outrigger extending and retracting time	Outrigger beam	Retracting	s	≤30
			Extending	s	≤40
		Outrigger jack	Retracting	s	≤85
			Extending	s	≤85
	Hoisting speed (single line, 10th layer, no load)	Main winch		m/min	≥145
Hoisting speed (single line, 10th layer, no load)	Winch system for luffing jib		m/min	≥130	
Noise	Exterior noise level		dB (A)	≤124	
	Noise level at seated position		dB (A)	≤90	

Description of symbols

General symbols

	Superstructure		Chassis
	Lifting capacity		Axle
	Boom length		Driving speed
	Radius		Grade ability
	Boom angle		Tires
	Boom hoisting height		Outriggers
	Fixed jib length		Hook block
	Jib offset angle		Counterweight
	Jib josting height		Winch
	Independent jib head / Wind power jib		360° operation of the boom
	Luffing jib		Super lifting device

Notes

1. The manual is intended as reference only. See Operation Manual and Rated Lifting Capacity Manual for correct operation instructions.
2. The total rated loads given in the rated load charts are the maximum lifting capacity (in t) under corresponding boom length and radius when the crane is set up on firm and level ground, which includes the weight of the hook block and slings. The weight of above-mentioned devices should be deducted from the rated lifting load.
3. The working radius shown in the rated load charts is the horizontal distance between the load and slewing axis of crane when the load is lifted off 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 is 14.1 m/s, wind pressure is 125 N/m²).



CAMC VIAL

Ruta 40 y Calle 7, SAN JUAN - ARGENTINA



(+54-264) 4262275



ARGENTINA

+54-2644998650



info@camvial.com.ar

WWW.CAMCVIAL.COM.AR

XCMG—XCA700