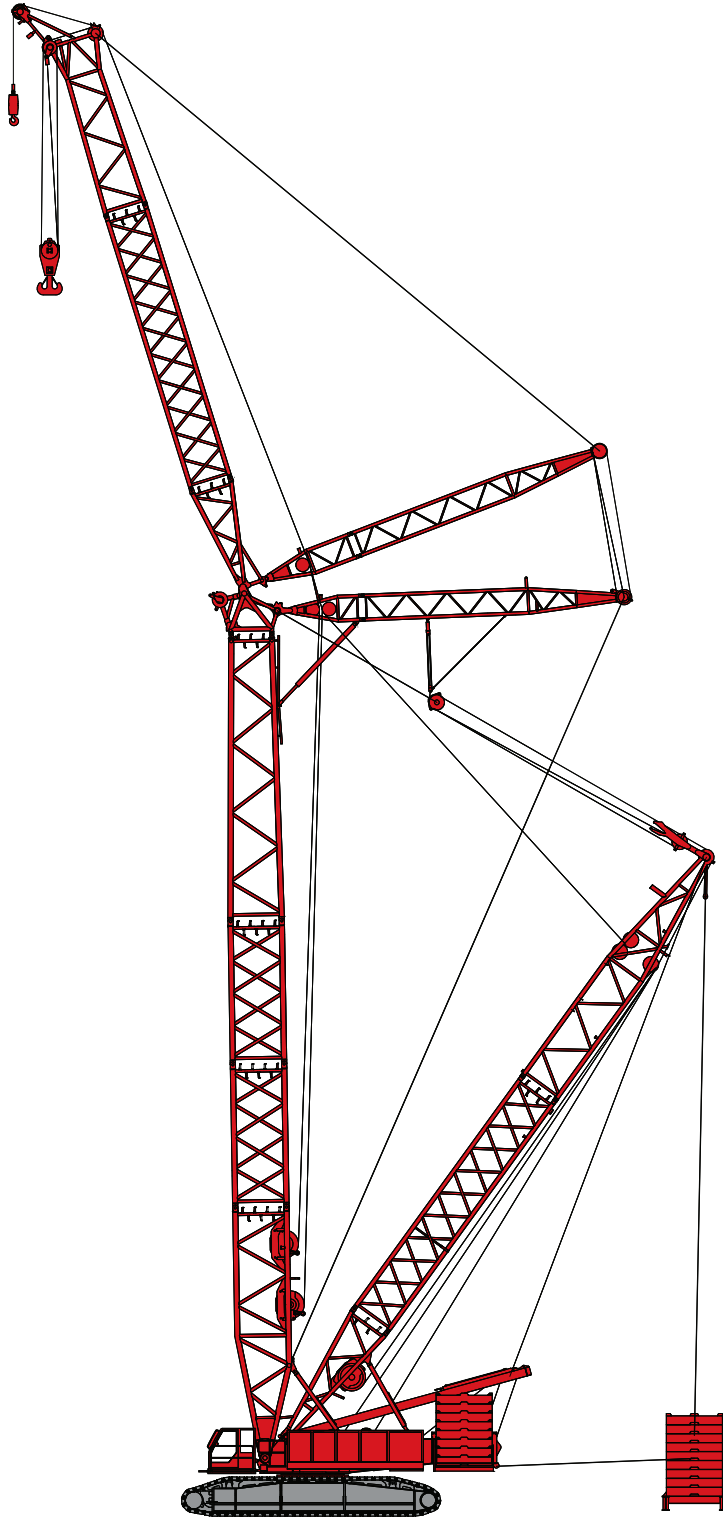


Hydraulic Crawler Crane

QUY 500





Fuwa Heavy Industry Co.Ltd.

Foreword

Thank you for your interest in our products.

Fuwa Heavy Industry Co. Ltd. is one of the oldest manufacturers in the heavy equipment industry. Our history goes back to 1904. Today Fuwa is a modern contender on both the Chinese domestic market and the advanced International market.

A team of experts and engineers has reset the concept of crawler cranes by searching the optimum in international design and technology combined with the dedicated manufacturing in China.

The use of our long term experience combined with modern computer design, calculation and simulation software, enabled us to reach the best to meet the customers demand.

New standards on safety, quality, performance, reliability, easy transport and maintenance have been implemented. We respect the environment by efficient use of true materials, high quality components and aiming a long life time.

The unique concept of Modular Design offers a large variety of models, but always based on the same key values.

QUY500 Features:

Special for wind power



Equipped with special jib for wind power, fully meet the requirements of 2.0MW wind power installation, large safety storage.

High configuration



Main hydraulic elements are all imported from Rexroth, safe and stable. International and famous hydraulic hose and sleeve joint without leakage, Germany imported high strength boom chord steel tube, strong lifting capacity. Imported Cummins diesel engine, powerful with Tier3/Stage emission standard. Imported PFEIFER DRAKO high capacity wire rope, LEBUS drum multi-layers winding in order.

Intelligentized control



With PLC control system, CAN bus communication net shows crane's working state real time, comprehensive colourful touch screen display is available for option of lifting duty, fault diagnosis and alarm etc.

Safe protection



Moment limiter, boom backstop device, last three-layers protection, anti two-block, anemoscope, pharos, load lamp, gradiometer, slewing and traveling alarm, etc.

Low cost for customer use



Mobile pump station powered by diesel engine to make whole crane's assembly mechanized, main/auxiliary inserts nesting for less transport costs, all centralized lubrication is used on running point of main part such as track roller, slewing bearing and boom section for convenient and free of maintenance.

Perfect working capacity



High lifting capacity, Large safety storage. 100% rated load traveling with load in a beeline. Multi-motion combination can be achieved for further improvement of working efficiency. Complete duty can meet various customers' requirements.

Respect the past, aim the future



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Technical Data



Items		Data
Non-SL working condition	Heavy boom	Max.rated lifting capacity (t)
		400t×7m (42m boom length)
	Heavy/light boom	Length (m)
		24 ~ 84
	Luffing	Max.rated lifting capacity (t)
		225.7t×9m
		Length (m)
	Fixed jib	42 ~ 108
		Max.rated lifting capacity (t)
		167.5t×14m
SL working condition	SL mast	Boom length (m)
		30 ~ 72
	SL counterweight	Luffing jib length (m)
		24 ~ 72
	Heavy boom + SL mast	Max.rated lifting capacity (t)
		107
	Heavy boom + SL mast + SL counterweight	Boom length (m)
		78 ~ 84
	Heavy/light boom + SL mast + SL counterweight	Jib length (m)
		12
	Luffing + SL mast	Length (m)
		30
	Luffing + SL mast + SL counterweight	Slewing radius (m)
		10.5, 12.5, 14.5, 16.5
	Fixed jib + SL mast	Weight (t)
		0, 50, 100, 150, 200, 250
	Fixed jib + SL mast	Slewing radius (m)
		10, 12, 14, 16
	Fixed jib + SL mast	Max.rated lifting capacity (t)
		376.1t×8m
	Fixed jib + SL mast	Length (m)
		36 ~ 84
	Fixed jib + SL mast	Max.rated lifting capacity (t)
		500t×8m
	Fixed jib + SL mast	Length (m)
		36 ~ 84
	Fixed jib + SL mast	Max.rated lifting capacity (t)
		210t×10m
	Fixed jib + SL mast	Length (m)
		78 ~ 114
	Fixed jib + SL mast	Max.rated lifting capacity (t)
		110t×16m
	Fixed jib + SL mast	Boom length (m)
		36 ~ 84
	Fixed jib + SL mast	Luffing jib length (m)
		24 ~ 84
	Fixed jib + SL mast	Max.rated lifting capacity (t)
		228t×16m
	Fixed jib + SL mast	Boom length (m)
		36 ~ 84
	Fixed jib + SL mast	Luffing jib length (m)
		24 ~ 84
	Fixed jib + SL mast	Max.rated lifting capacity (t)
		118
	Fixed jib + SL mast	Boom length (m)
		78 ~ 90
	Fixed jib + SL mast	Jib length (m)
		12



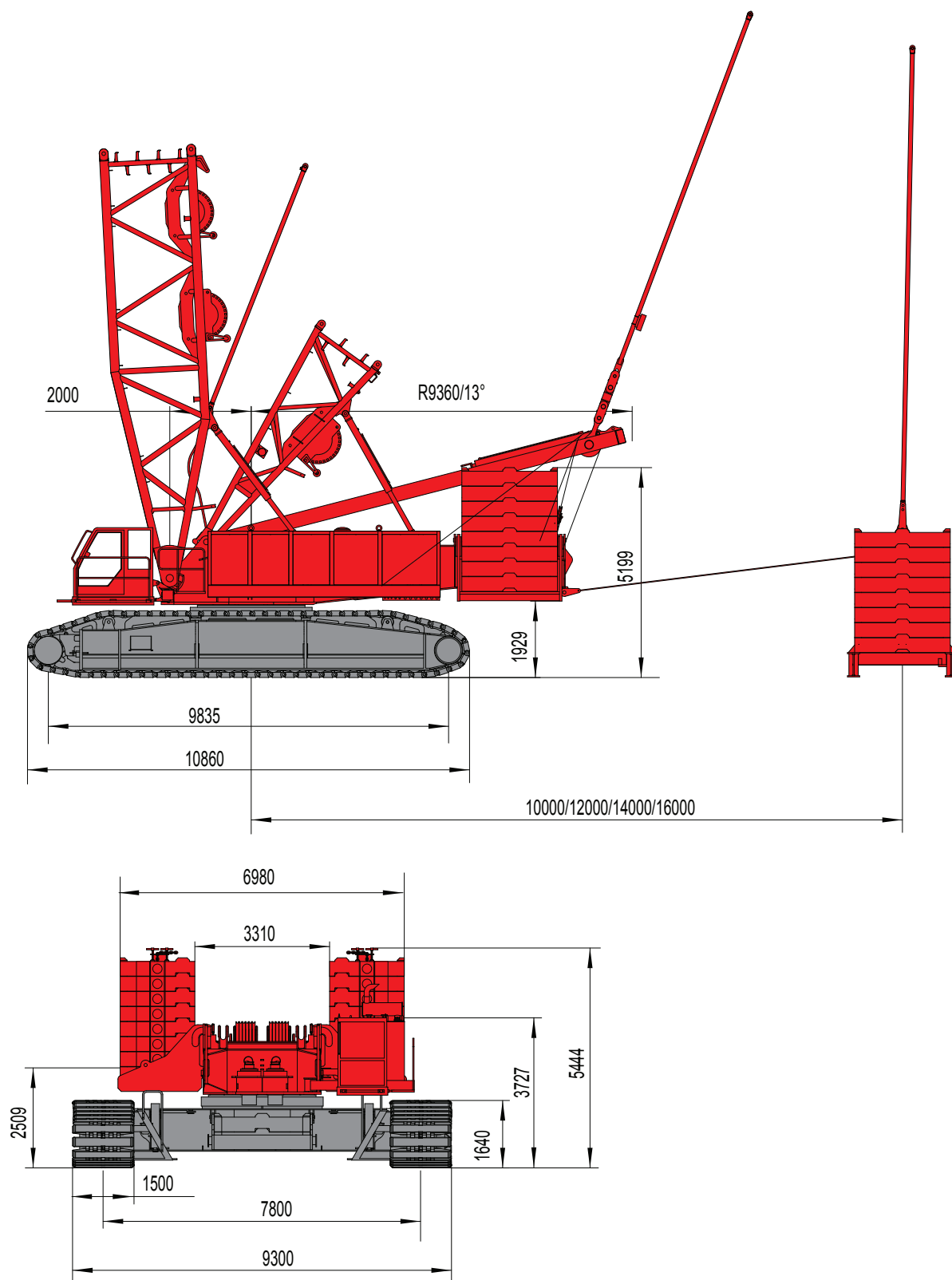
Technical Data



Items		Data
Hook type (t)		15/50/100/150/250/500
Working capacity	Hoist (1,2) speed(m/min)	0 ~ 130
	Main derricking speed (m/min)	(0 ~ 50)×2
	Luffing jib derricking speed (m/min)	0 ~ 110
	SL derricking (m/min)	0 ~ 120
	Slewing speed (m/min)	0 ~ 1.17
	Traveling speed (km/h)	0 ~ 1
Gradeability		30% 17 °
With 24m boom weight (t)		381.7
Boom derricking angle (°)		30 — 85
Ground bearing pressure (kg/cm) ²		1.4
Luffing boom derricking angle (°)		65 , 75 , 85
Luffing derricking angle		When max.elevation, 15° angle with the boom; when min. elevation, 30° angle with the ground.
Max.lifting torque (t·m)		6240
Base machine dimension	(L×W×H)	14790×9300×5400
Engine	Model	QSX15 Cummins electronic control diesel engine
	Power (KW)	336
	Rev.(rpm)	2100



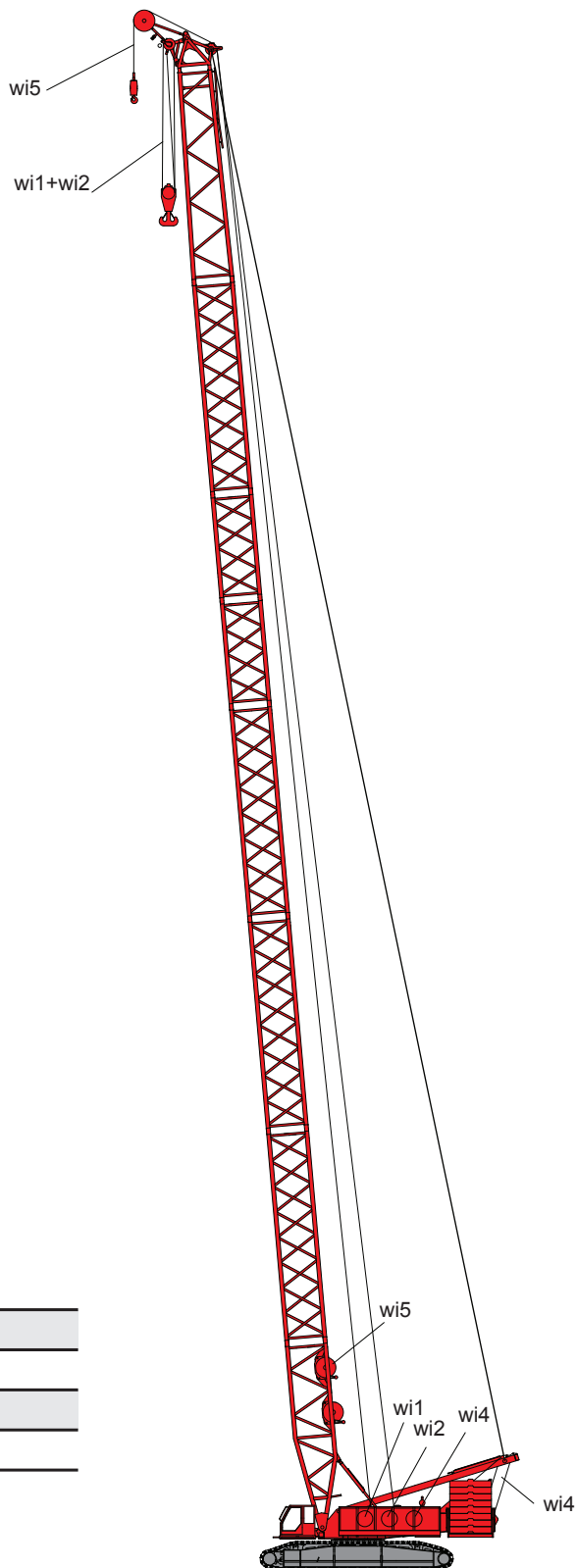
Overall Dimension





Overall Dimension

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Wi1——Hoist (1)

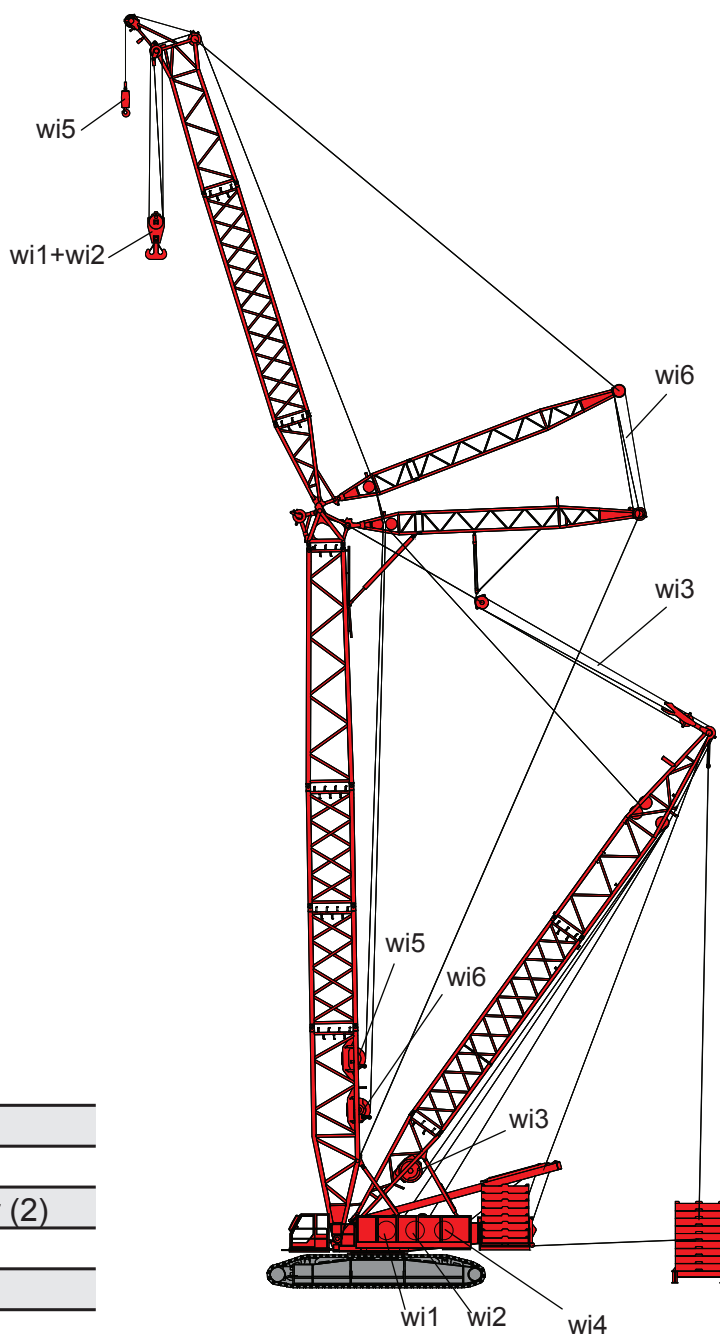
Wi2——Hoist (2)

Wi4——Derrciking gear

Wi5——Hoist (3)



Overall Dimension



Wi1	— Hoist (1)
Wi2	— Hoist (2)
Wi3	— Superlift luffing gear (2)
Wi4	— Derricking gear
Wi5	— Hoist (3)
Wi6	— Luffing gear (1)



Specifications

Superstructure

Power unit



The crane is powered by Cummins QXS15 Diesel Engine, 6-cylinder, water cooled, power 336KW, rated Rev.2100rpm, conformed to EURO-3 Tier Emission Standard. The engine is fitted with air pre-filter, dual-process air filter, muffler, composite cooler, radiator, fan and other designated accessories of Cummins. The transfer case provides the drive via six variable displacement plunger pumps and one gear pumps to all systems. Two 12V maintenance-free batteries, 24V system and 75Amp alternator. A 740L fuel tank for engine is mounted on the power pack and fuel level is shown by the indicator in operator's cab.

Control system



Modulating electronic-over-hydraulic controls provide the finest speed response directly proportional to control lever movement. Fault diagnosis system is built-in for troubleshooting. The dual-color touch screen enables operator to operate moment limiter. Automatic power control optimizes efficiency of the engine output. The controls adopt the Rexroth RC controller system, display, encoder, moment limiter and monitor system. Data transmission is conducted through reliable Controller Area Network (CAN)-Bus.

Hydraulic system



Under electronic-over-hydraulic control, the system consists of main circuit, control system, and auxiliary system. The main hydraulic components are from Rexroth. It adopts LUDV load independent flow distribution system, and electric proportional pilot control, smooth and accurate control. The system pressure is 35Mpa. The system is equipped with a hydraulic oil tank of 1200L, carriage and hydraulic oil cooler. Each function is equipped with relief valves to protect the hydraulic circuit from overload or shock.

Hoist winches



The standard crane is equipped with two hoist winches; hoist winch H1, hoist winch H2, at the same, the customers also can select hoist winch H3 for optional. The fense drum design, is independently driven by variable displacement hydraulic motor via the closed planetary reduction gear, and built-in reduction gear that is compact structure while easy to assemble/dismantle. All the wire rope winches are equipped with spring brake, hydraulic spring multi-disc brake. Which can dismantle the winch H1 and H2 from the superstructure, to reduce the transport weights.

Hoist device



Drum diameter: 650mm
Working layers: 0-8
Max. rope speed: 0~130m/min
Wire rope diameter: 28mm
Wire rope length: 900m
Rated single line pull: 15t



Specifications

Derricking winch



The standard crane is equipped with derricking W1, derricking W2, SL device is equipped with SL derricking winch W3. The fense drum design, is independently driven by variable displacement hydraulic motor via the closed planetray reduction gear, and built-in reduction gear that is compact structure while easy to assemble/disassemble. All the wire rope winches are equipped with spring brake, hydraulic spring multi-disc brake.

Derricking gear



Drum diameter: 650mm
Working layers: 0-3
Max.rope speed: 0~50m/min 2
Wire rope diameter: 28mm
Wire rope length: 600m
Rated single line pull: 15t

Luffing gear (1)



Drum diameter: 650mm
Working layers: 0-7
Max.rope speed: 0~110m/min
Wire rope diameter: 28mm
Wire rope length: 650m
Rated single line pull: 15t

SL luffing gear (2)



Drum diameter: 650mm
Working layers: 0-8
Max.rope speed: 0~120m/min
Wire rope diameter: 28mm
Wire rope length: 800m
Rated single line pull: 15t

Slewing system



The slewing system adopts a closed hydraulic system, two motors provide drive via the closed planetary reduction gear, slew 360 degrees. The slew bearing has 3 rows of supporting rollers (diameter 3m), slewing system:0~1.17rpm.



Specifications

Counterweight



Undercarriage central ballast: 40t, 4 blocks of counterweight, 2 trays.

Rear counterweight: side hanging counterweight, 160t, 16 blocks of counterweight, 2 trays.

SL counterweight: 250t, 25 blocks of counterweight, 1 tray.

Cab



The comfort cab, fully closed, of steel frame structure, of low noise design, which is mounted with large windshield wiper, airconditioner, skylight, meters for all functions, control devices, fire extinguisher, air ventilator, etc. Operator's seat and control levers are ergonomically designed. The cab can tilt to 20 degrees, enlarging the view of operator. Inside the cabin are displays for video cameras installed to monitor the winches. The cab can be moved to front of superstructure, reducing the transportation width.

Undercarriage

The undercarriage consists of crane body, two tracks. The crane body and tracks are connected by the hydraulic pins, making it easy to assemble and dismantle.

Crane body



The crane body is used for connecting the slewing superstructure and track carrier, welded by high strength alloy steel of box structure, which has better flexural resistance, torsion resistance.

Track carrier



The track frames are constructed from high strength alloy steel, flexural resistance. The track shoes are made from high strength cast steel after heat treatment. There are 15 track rollers on each, which are treated by case hardening. There are 148 track shoes in total on the left, right track undercarriage, 1500mm wide. The tension of track can be adjusted by the extension of cylinders and secured by adding or reducing shims. The automatic centralized lubrication system is standard.

Drive



Four drives, the track is driven by four variable hydraulic motor via the closed planetary reduction gear, with spring hydraulic "normally- closed" brake system. Each track is controlled by stepless shift gears, smooth operation, max. traveling speed is 1.05Km/h, it can travel independently, also travel reversely.



Specifications



Boom Configurations

Boom combination

The boom is of lattice structure design, consisting of following combinations: heavy boom, heavy/light boom, luffing jib, heavy boom+SL mast, heavy boom+SL mast+SL counterweight, heavy/light boom+SL mast+SL counterweight, luffing jib+SL mast, luffing jib+SL mast+SL counterweight, heavy boom+fixed jib, heavy boom+fixed jib+SL mast.

Heavy boom (H)

Boom: 10.5m boom foot(H3/W1 can be mounted), 12m and 6m boom insert, 12m tapered section, 1.5m boom head.
Boom length:24m~84m

Heavy/light boom (H/L)

Boom: 10.5m boom foot(H3/W1 can be mounted), 12m and 6m boom insert, 12m tapered section, 12m and 6m luffing jib insert, 7.5m luffing jib head.
Boom length:42m~108m

Heavy boom+SL mast (HS)

Boom: boom combinations are same as heavy boom.
Boom length: 24m-84m
SL device: SL mast 30m , including 6m boom foot, 12m insert and 12m boom head.

Heavy boom+SL mast+SL counterweight

Boom: boom combinations are same as heavy boom.
Boom length: 24m-84m
SL device: SL mast 30m , SL counterweight 0~250t (the weight is increased progressively as 50t)



Specifications



Heavy/light boom+SL mast+SL counterweight (HSD/L)

Boom: 10.5m boom foot (H3/W1 can be mounted), 12m and 6m boom insert, 12m tapered section, 12m and 6m luffing jib insert, 7.5m luffing jib head.

Boom length: 78m~114m

SL device: SL mast 30m , SL counterweight 0~250t (the weight is increased progressively as 50t)

Heavy boom+fixed jib (HF)

Boom: boom combinations are same as heavy boom.

Boom length: 78m-84m

Jib: 12m, including 6m jib foot, 6m jib head.

Heavy boom+fixed jib (HF)

Boom: boom combinations are same as heavy boom.

Boom length: 78m-90m

Jib: 12m, including 6m jib foot, 6m jib head.

SL device: SL mast 30m.

Luffing jib (HT)

Boom: 10.5m boom foot (H3/W1 can be mounted), 12m and 6m boom insert, 12m tapered section, 1.5m boom head.

Luffing jib: luffing jib foot 4.5m, 12m and 6m luffing jib insert and 7.5m luffing jib head.

Boom length: 30~72m; luffing jib length: 24~72m.

Luffing jib+SL mast (HTS)

Boom combinations are same as luffing jib.

Boom length: 36~84m; luffing jib length: 24~84m.

SL device: SL mast 30m.

Luffing jib+SL mast+SL counterweight (HTSD)

Boom combinations are same as luffing jib.

Boom length: 36~84m; luffing jib length: 24~84m.

SL device: SL mast 30m, SL counterweight 0~250t (the weight is increased progressively as 50t)



Specifications



Hook

Model	Lifting capacity	Max. reevings	Weight
500t	500t	2×19	9.26t
150t	150t	10	4.50t
100t	105t	7	3.15t
50t	45t	4	1.50t
15t	15t	1	0.70t

Note: a 500t dual pulley block hook can be converted to 250t single pulley block hook.

Symbols of working condition

1. H: Heavy boom
2. H/L: Heavy/light boom
3. HS: Heavy boom+SL mast
4. HSD: Heavy boom+SL mast+SL counterweight
5. HSD/L: Heavy/light boom+SL mast+SL counterweight
6. HF: Fixed jib
7. HFS: Fixed jib+SL mast
8. HT: Luffing jib
9. HTS: Luffing jib+SL mast
10. HTSD: Luffing jib+SL mast+SL counterweight



Machine Configuration

Heavy boom (H) ▶

Max.lifting capacity 400t x 7.0m

Max.boom length 84m

Heavy/light boom (H/L) ▶

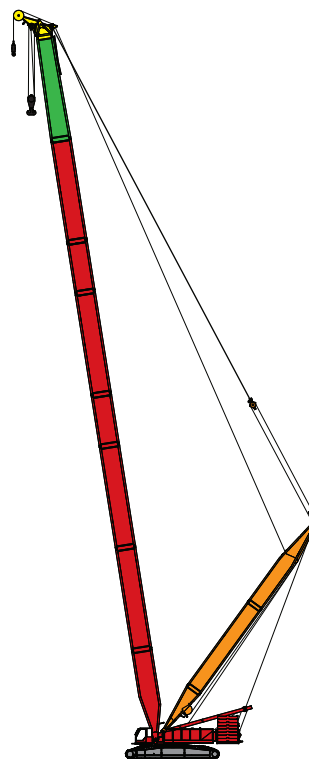
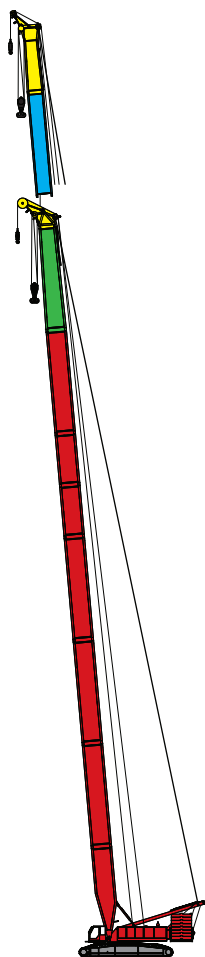
Max.lifting capacity 225.7t x 9m

Max.boom length 108m

Heavy boom+SL mast (HS) ▶

Max.lifting capacity 376.1t x 8m

Max.boom length 84m





Machine Configuration

Heavy boom+SL mast+
SL counterweight (HSD)



Max.lifting capacity 500t x 8.0m

Max.boom length 84m

Heavy/light boom+SL mast+
SL counterweight (HSD/L)



Max.lifting capacity 210t x 10m

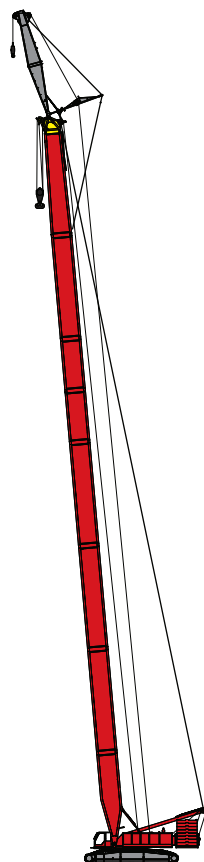
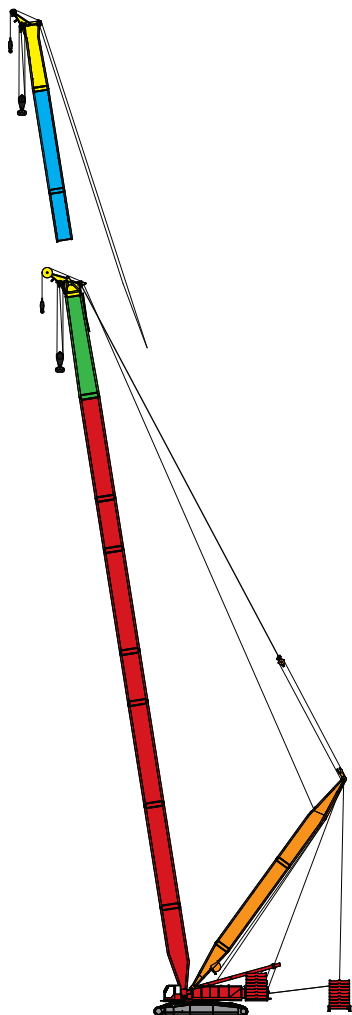
Max.boom length 114m

Heavy boom+Fixed jib (HF)



Max.lifting capacity 107t x 17m

Max.boom length 84m+12m





Machine Configuration

Heavy boom+fixed jib+
SL mast (HFS)



Max.lifting capacity118t x 14m

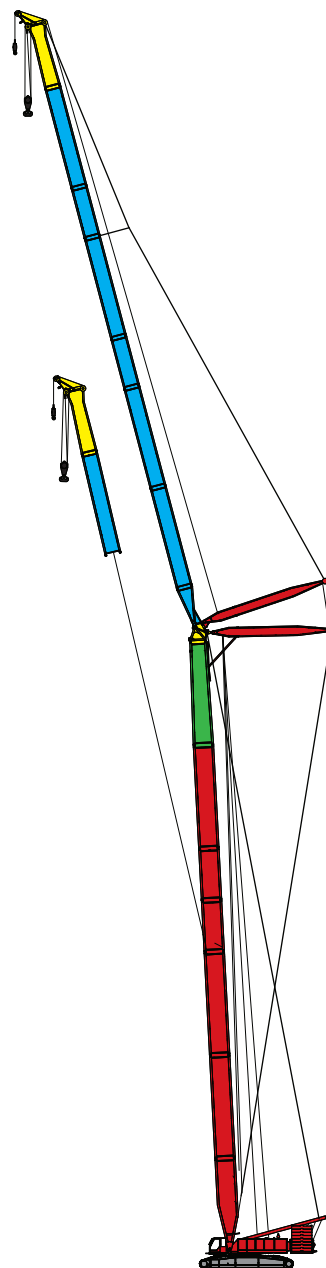
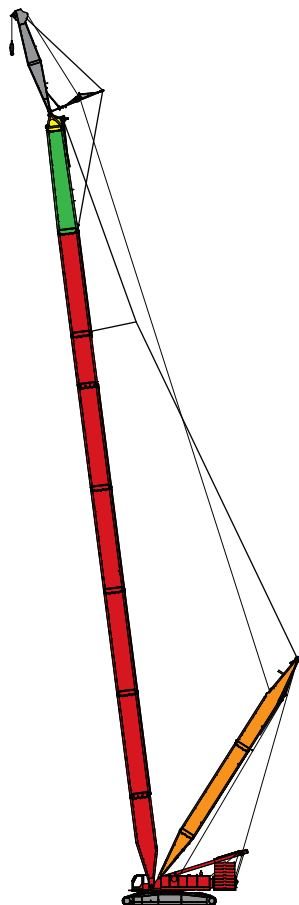
Max.boom length 90m+12m

Luffing jib (HT)



Max.lifting capacity167.5t x14m

Max.boom length 72m+72m





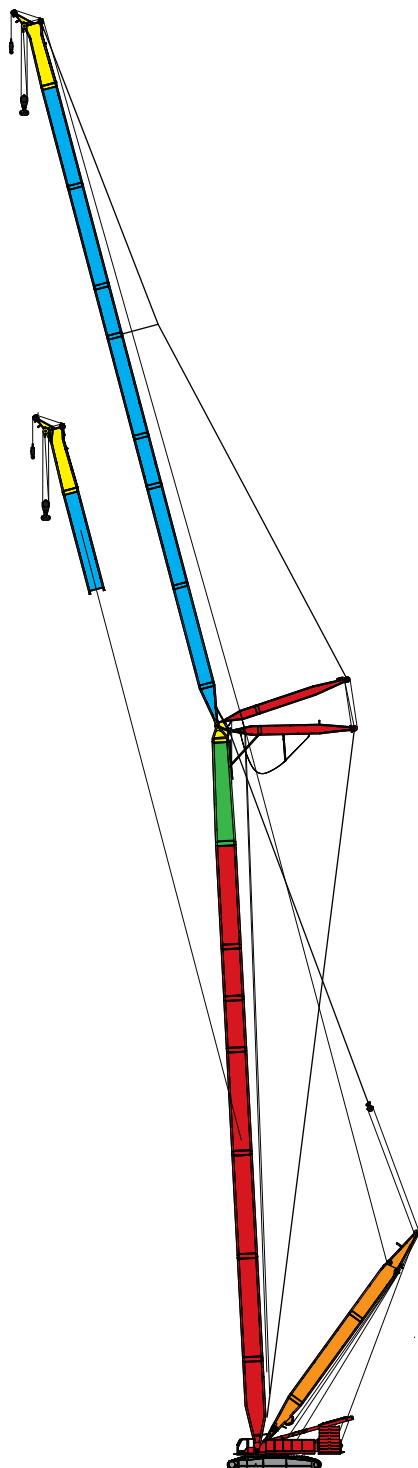
Machine Configuration

Luffing jib+SL mast (HTS)



Max.lifting capacity 110t x 16m

Max.boom length 84m+84m

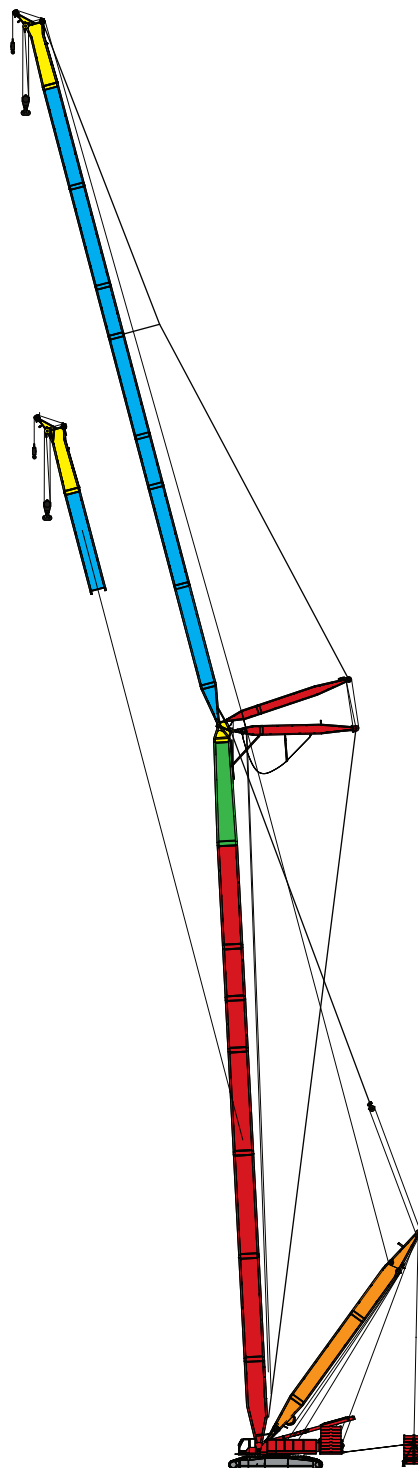


Luffing jib+SL mast+
SL counterweight (HTSD)



Max.lifting capacity 228t x 16m

Max.boom length 84m+84m





Notes for Rated Lifting Capacity Load Chart

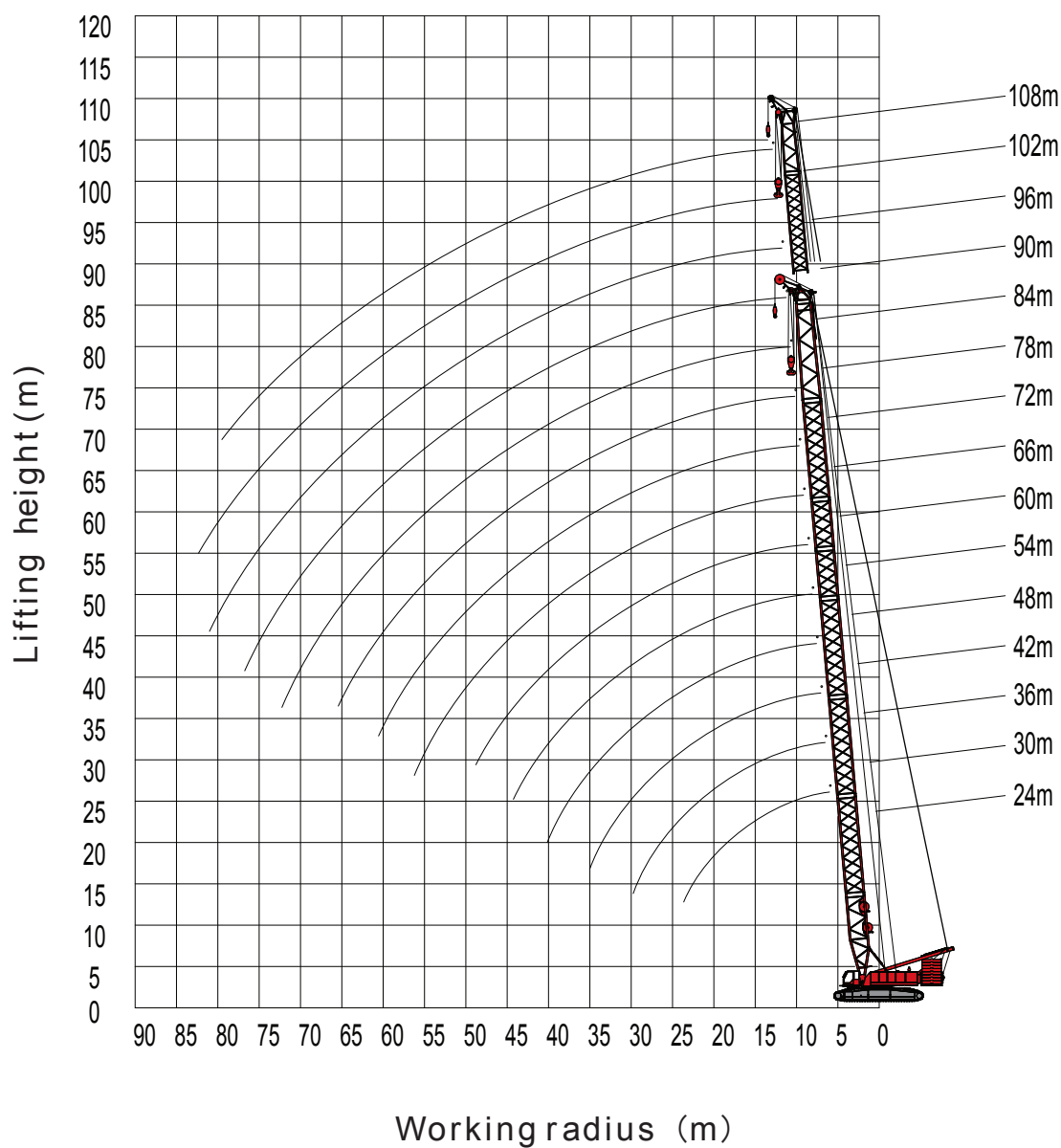
1. The load charts are calculated according to EN13000.
 2. The maximum allowable wind speed in the calculation of load chart is 9.8m/s. The estimation of sail area should be according to EN13000, and also take wind resistance coefficient 1.2 into account. when the sail area is large, please reduce the maximum wind speed to ensure a safe lifting.
 3. Lifting capacities are given in metric tons.
 4. The weight of the load hook and hook blocks as well as of the lifting tackle must be deducted from the lifting capacities.
 5. The working radii are measured from the slewing centerline.
 6. The subsoil must be even and of good bearing capacity.
 7. Hook block weight:

500t hook block.....	9.26t
150t hook block.....	4.50t
100t hook block.....	3.15t
50t hook block.....	1.50t
15t hook block.....	0.70t
 8. A 500t double pulley block hook can be converted into 250t single pulley block hook.
 9. The counterweights mounted on basic machine weight 160t, superlift counterweight 250t.
 10. Stability is minimum over sides.
 11. Subject to modification of lifting capacities.
 12. The data of this brochure serves only for general information. All information is provided without warranty. Instructions for the correct commissioning of the crane please take from the operation manual and the load chart book.
- ✗ It should be understood that the listed rated lifting capacities are not finally decided results, they may vary with mechanical changes as subject of on-going product development.



Working Range H

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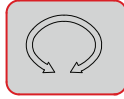




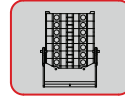
Rated Lifting Capacity Load Chart H



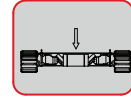
24m-84m



360°



160t



40t

Unit:t

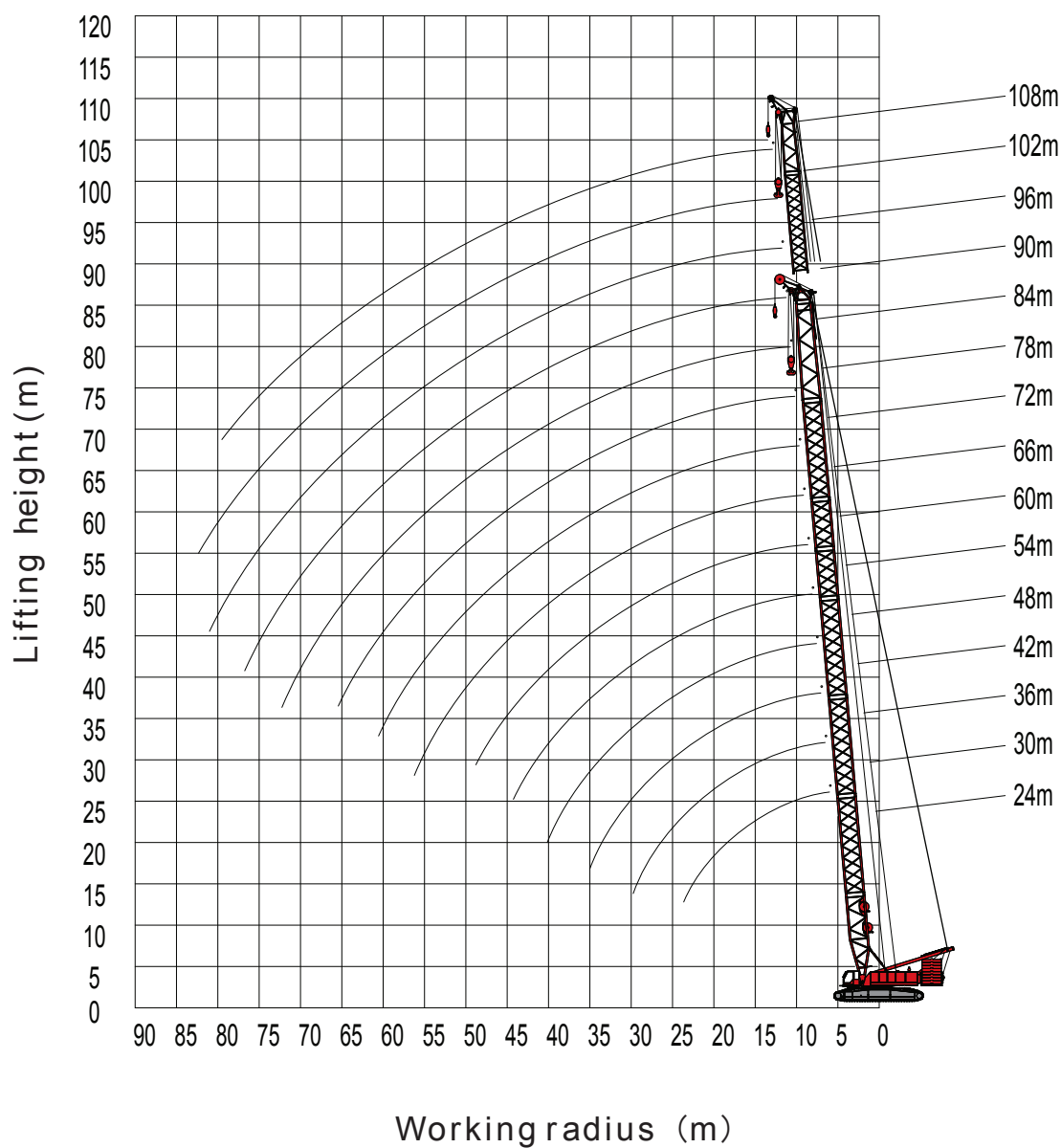
Boom length Working radius	24.0m	30.0m	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m
6.0m		365.3	6.4m/371.5								
7.0m	360.5	365.3	371.5	400.0	7.5m/381.2						
8.0m	360.5	365.3	371.5	360.9	345.8	320.7	8.5m/292.7				
9.0m	343.2	329.5	316.7	304.7	293.3	282.6	272.3	9.0m/260.8	9.6m/217.0		
10.0m	292.9	282.4	272.4	263.1	254.0	245.6	237.3	229.3	214.4	10.1m/205.2	10.6m/145.8
12.0m	219.2	218.5	211.8	205.5	199.2	193.5	187.5	181.8	179.4	170.9	140.2
14.0m	173.2	172.4	171.4	167.6	162.8	158.5	153.9	149.5	148.5	141.0	136.6
16.0m	142.4	141.6	140.4	139.7	136.9	133.5	129.6	126.0	123.0	119.0	115.3
18.0m	120.3	119.5	118.3	117.5	116.4	114.6	111.3	108.2	106.2	102.1	99.0
20.0m	103.7	102.9	101.6	100.8	99.7	99.0	97.0	94.2	92.3	88.9	86.0
22.0m	90.7	89.9	88.6	87.8	86.6	86.0	84.8	82.9	80.4	78.1	75.5
24.0m	23.4m/83.1	79.5	78.2	77.4	76.2	75.6	74.3	73.2	70.4	69.2	66.8
26.0m		71.0	69.7	68.8	67.7	67.0	65.8	64.7	61.9	61.8	59.5
28.0m		63.9	62.6	61.7	60.5	59.9	58.6	57.5	56.7	55.4	53.3
30.0m		28.6m/61.9	56.6	55.7	54.5	53.8	52.5	51.4	50.7	49.4	47.9
34.0m			33.8m/47.3	46.0	44.8	44.1	42.8	41.7	40.3	39.7	38.4
38.0m				38.6	37.4	36.7	35.4	34.3	33.6	32.2	30.9
42.0m				39.0m/37.0	31.5	30.9	29.5	28.4	27.7	26.3	25.0
46.0m					44.2m/28.8	26.1	24.8	23.6	22.0	21.5	20.2
50.0m						49.4m/22.7	20.8	19.7	18.4	17.6	16.3
54.0m							17.5	16.3	15.2	14.2	12.9
58.0m							54.6m/17.0	13.5	12.3	11.4	10.1
62.0m								59.8m/12.3	10.5	9.0	7.6
66.0m									65.0m/7.8	6.8	5.5
70.0m										4.9	3.6

Standards:EN13000



Working Range H

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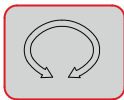




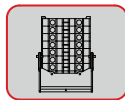
Rated Lifting Capacity Load Chart H



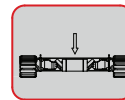
24m-84m



360°



120t



0t

Unit:t

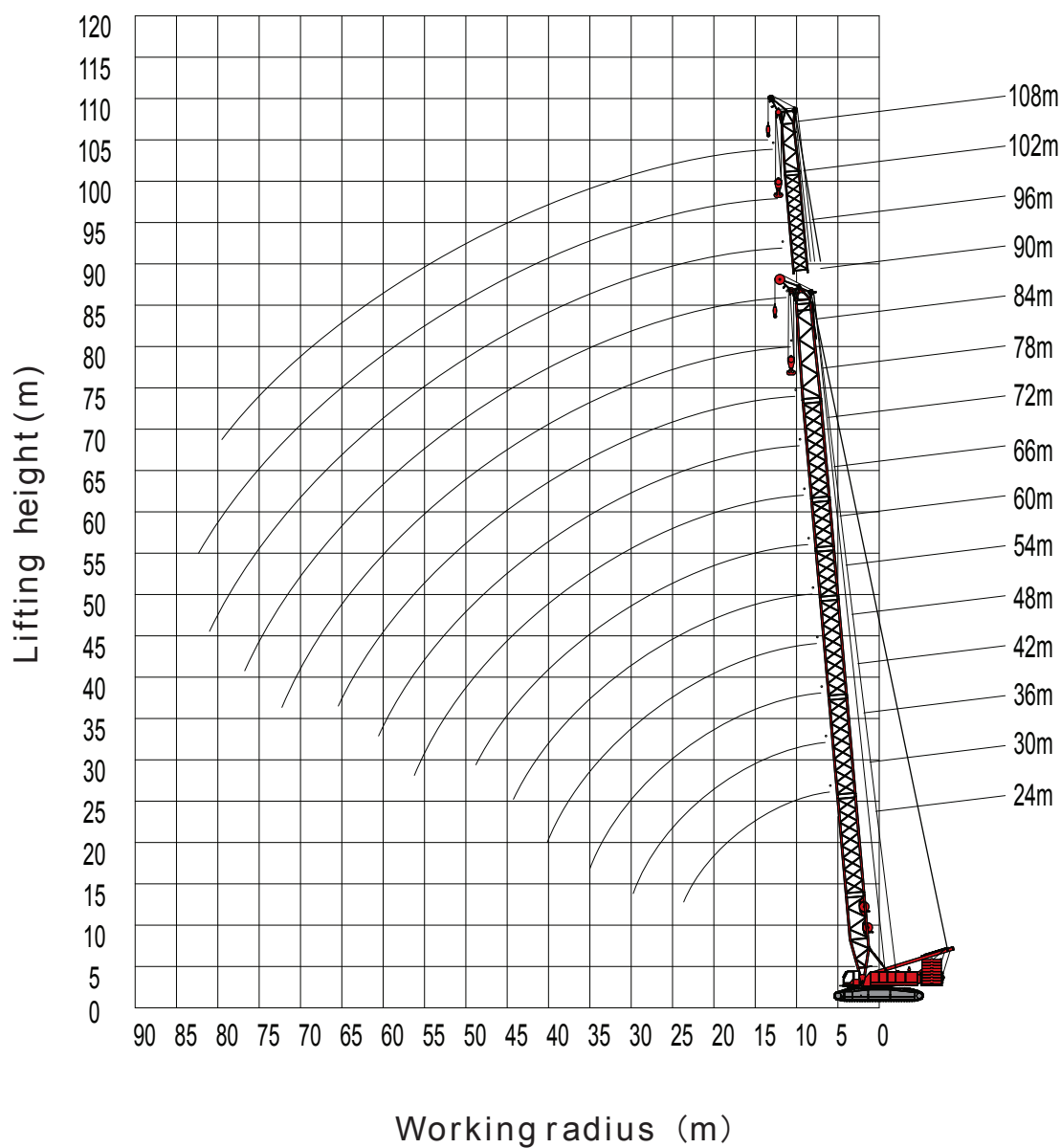
Boom length Working radius	24.0m	30.0m	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m
6.0m	260.0	281.8									
7.0m	259.1	273.1			7.5m/271.2	8.0m/235.5					
8.0m	242.4	271.9	261.9	252.6	243.7	235.3	8.5m/207.0				
9.0m	232.0	224.5	217.1	210.3	203.6	197.4	191.1	9.0m/183.9	9.6m/167.3		
10.0m	194.7	190.6	184.9	179.6	174.3	169.4	164.4	159.5	157.5	10.1m/148.5	10.6m/134.5
12.0m	143.7	143.1	141.5	137.9	134.1	130.8	127.2	123.7	123.2	117.0	113.6
14.0m	112.9	112.2	111.3	110.6	108.0	105.5	102.6	99.8	97.3	94.5	91.7
16.0m	92.3	91.6	90.6	89.9	88.9	87.5	85.1	82.8	80.8	78.3	75.9
18.0m	77.5	76.8	75.7	75.0	74.0	73.5	72.0	70.0	68.4	66.1	63.9
20.0m	66.4	65.7	64.6	63.8	62.8	62.2	61.2	60.0	58.4	56.5	54.5
22.0m	57.7	57.0	55.9	55.1	54.1	53.5	52.4	51.5	50.5	48.8	47.0
24.0m	23.4m/52.6	50.0	48.9	48.1	47.1	46.5	45.4	44.4	43.6	42.5	40.8
26.0m		44.3	43.2	42.4	41.3	40.8	39.6	38.7	37.5	36.9	35.6
28.0m		39.5	38.4	37.6	36.6	36.0	34.8	33.8	33.0	32.1	31.0
30.0m		28.6m/38.2	34.4	33.6	32.5	31.9	30.8	29.8	28.7	28.0	26.9
34.0m			33.8m/28.1	27.1	26.0	25.4	24.2	23.2	22.2	21.4	20.3
38.0m				22.1	21.0	20.4	19.3	18.2	17.2	16.4	15.2
42.0m				39.0m/21.0	17.1	16.5	15.3	14.3	13.3	12.4	11.3
46.0m					44.2m/15.2	13.3	12.1	11.1	10.1	9.2	8.0
50.0m						49.4m/11.0	9.4	8.4	7.4	6.5	5.4
54.0m							7.2	6.2	5.2	4.3	3.1

Standards:EN13000



Working Range H/L

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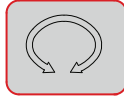




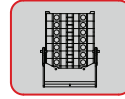
Rated Lifting Capacity Load Chart H/L



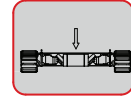
42m-108m



360°



160t



40t

Unit:t

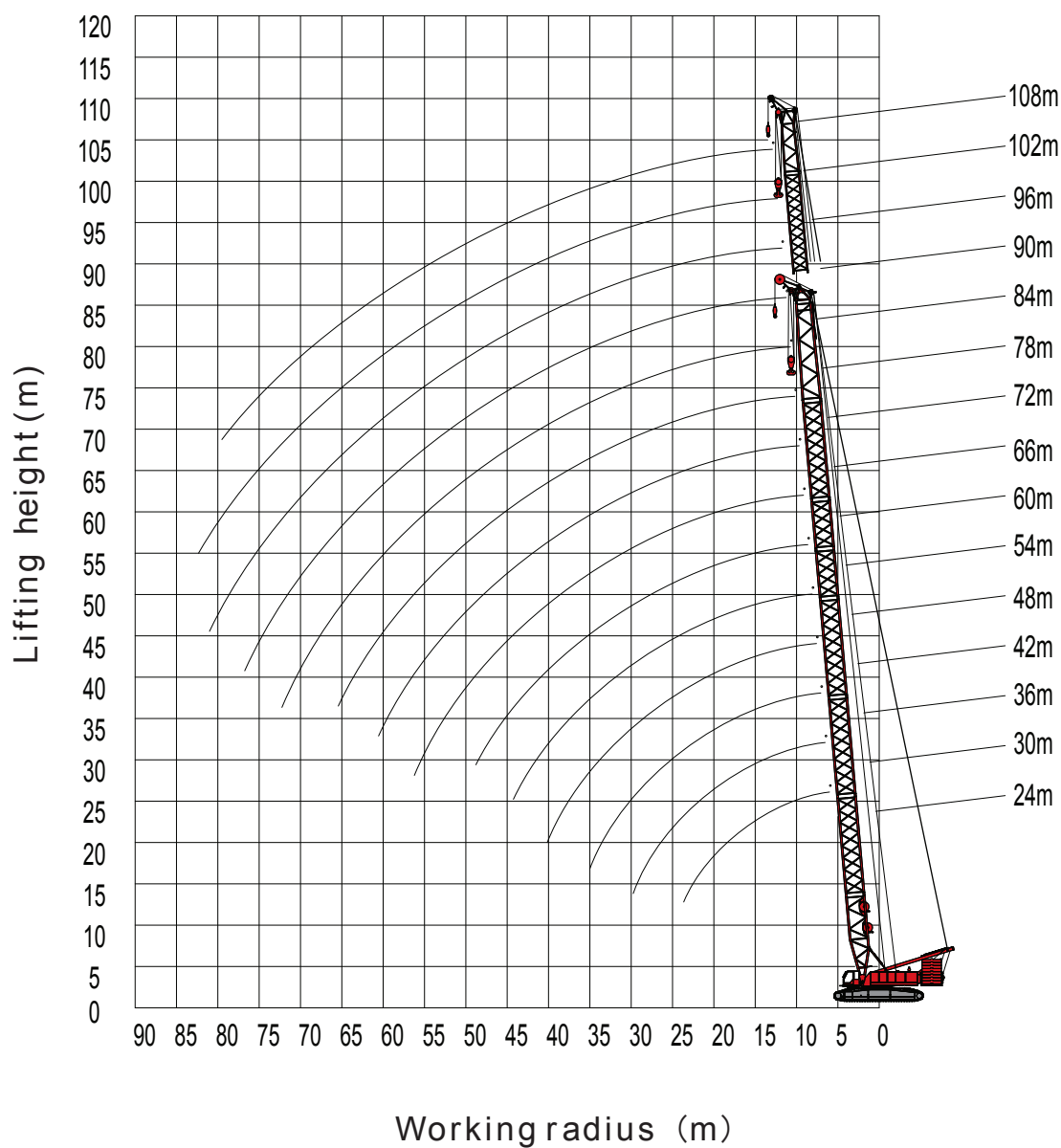
Boom length \ Working radius	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m	90.0m	96.0m	102.0m	108.0m
7.0m	225.7	7.5m/223										
8.0m	225.7	223	221.8	8.5m/221.7								
9.0m	225.7	221.1	219.8	218.6	171.1	9.6m/150.4						
10.0m	217	208.8	201.3	193.7	166.7	149.8	10.1m/133.5	10.6m/110.4	11.1m/95.3	11.7m/82.2		
12.0m	172	166.4	161.3	155.9	150.9	145.9	131.3	110.4	92.1	82.2	12.2m/69.6	12.7m/48.4
14.0m	141.9	137.7	133.9	129.8	126	122	118.5	104.6	91.2	82.2	69.6	47.7
16.0m	120.4	117	114.1	110.7	107.6	104.4	101.5	98.2	85.4	78.3	69.6	46.6
18.0m	104.2	101.4	99	96.1	93.6	90.8	88.4	85.5	83.1	75.4	65.1	45.5
20.0m	91	89.2	87.2	84.6	82.4	80	77.9	75.4	73.3	70.9	60.8	43.4
22.0m	79.7	79.1	77.6	75.4	73.4	71.2	69.4	67	65.2	63	61.2	39
24.0m	70.7	70.1	69.8	67.7	66	63.9	62.3	60.1	58.4	56.4	54.8	36.7
26.0m	63.3	62.7	62.5	61.3	59.7	57.8	56.3	54.3	52.7	50.8	49.3	35.4
28.0m	57.1	56.5	56.3	55.4	54.3	52.5	51.2	49.2	47.8	46	44.6	32.8
30.0m	51.9	51.2	51	50.1	49.6	48	46.8	44.9	43.6	41.8	40.5	30.8
34.0m	43.6	42.9	42.6	41.7	41.2	40.3	39.5	37.7	36.5	34.9	33.8	28.1
38.0m	37.1	36.4	36.2	35.3	34.7	33.8	33.4	32.1	31	29.5	28.4	26.9
42.0m	38.9m/35.9	31.4	31.1	30.2	29.7	28.7	28.3	27.2	26.5	25.1	24.1	22.6
46.0m		44.1m/29.1	27	26.1	25.5	24.6	24.1	23	22.5	21.4	20.5	19
50.0m			49.3m/24.2	22.7	22.1	21.2	20.7	19.6	19.1	18.1	17.4	16
54.0m				19.8	19.2	18.3	16.8	16	15.6	15.2	14.3	11
58.0m				54.5m/19.5	16.8	15.8	14.4	13.9	13	12.1	10.8	7.6
62.0m					59.7m/15.9	13.7	12.3	11.1	10.1	8.1	6.9	

Standards: EN13000



Working Range H/L

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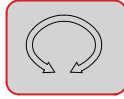




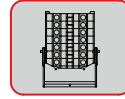
Rated Lifting Capacity Load Chart H/L



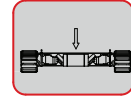
42m-108m



360°



120t



0t

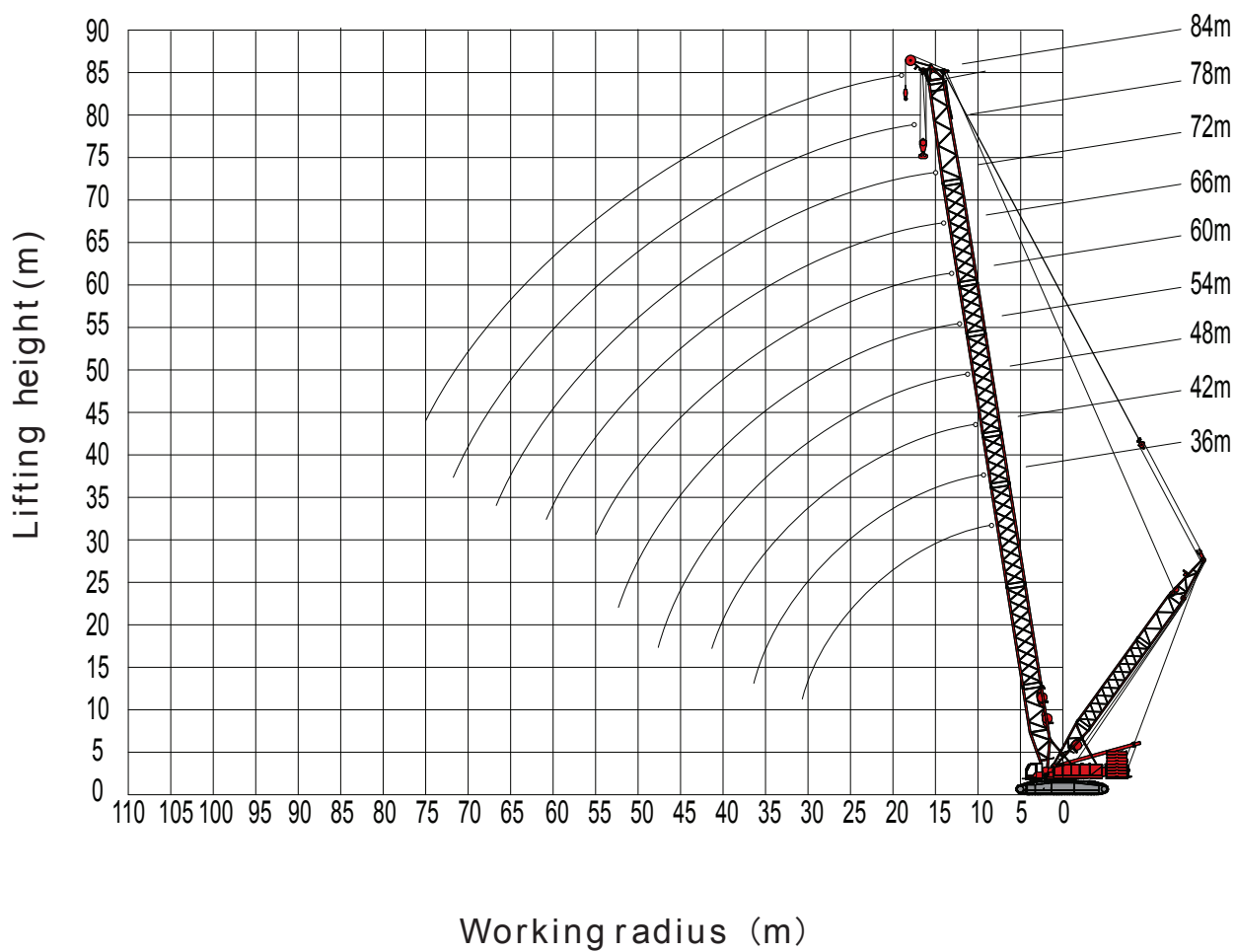
Unit:t

Boom length Working radius	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m	90.0m	96.0m	102.0m	108.0m
7.0m	225.7	7.5m/223										
8.0m	225.7	216.0	216.0	8.5m/214.8								
9.0m	211.9	205.2	198.9	192.4	166.3	9.6m/143.0						
10.0m	181.5	176.2	171.4	166.2	151.2	136.2	10.1m/131.5	10.6m/110.4	11.1m/92.9	11.7m/80.2		
12.0m	136.0	135.7	133.4	129.7	126.2	122.5	119.2	110.4	92.1	79.5	12.2m/65.2	12.7m/47.3
14.0m	107.1	106.6	106.6	105.5	102.9	99.9	97.4	94.3	91.6	78.7	64.1	45.1
16.0m	87.7	87.2	87.1	86.4	86.0	83.7	81.7	79.0	76.8	74.3	62.1	43.5
18.0m	73.8	73.3	73.1	72.4	72.0	71.2	69.8	67.4	65.5	63.3	61.4	42.1
20.0m	63.3	62.8	62.6	61.9	61.4	60.6	60.3	58.3	56.7	54.6	52.9	40.8
22.0m	55.2	54.6	54.5	53.7	53.2	52.4	52.1	51.1	49.5	47.6	46.1	37.2
24.0m	48.7	48.1	47.9	47.1	46.6	45.8	45.5	44.5	43.7	41.9	40.5	35.6
26.0m	43.4	42.7	42.6	41.7	41.3	40.4	40.1	39.1	38.6	37.1	35.8	34.0
28.0m	38.9	38.3	38.1	37.3	36.8	35.9	35.6	34.5	34.1	33.0	31.7	30.1
30.0m	35.1	34.5	34.3	33.5	33.0	32.1	31.7	30.7	30.3	29.4	28.3	26.6
34.0m	29.1	28.4	28.2	26.4	25.9	25.0	24.6	24.0	23.8	23.2	22.6	21.1
38.0m	24.4	23.8	23.6	21.7	21.2	20.3	19.9	18.9	18.4	18.5	18.0	16.7
42.0m	38.9m/23.6	20.1	19.9	19.0	18.5	16.6	16.2	15.2	14.7	14.8	14.3	13.2
46.0m		44.1m/17.5	15.9	15.0	14.5	13.6	13.2	12.2	11.7	11.0	11.3	10.3
50.0m			49.3m/13.9	12.6	12.1	10.2	9.8	9.7	9.2	8.2	7.8	7.0
54.0m				11.5	10.0	9.1	7.7	7.4	7.1	6.2	5.7	4.7
58.0m				54.5m/11.3	8.0	7.3	5.9	5.4	4.9	4.4	3.9	2.7
62.0m					59.7m/6.5	5.8	4.4	3.6	3.0	2.8	2.3	

Standards:EN13000



Working Range HS

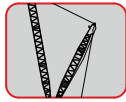




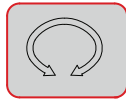
Rated Lifting Capacity Load Chart HS



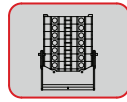
36m-84m



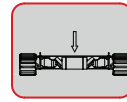
30m



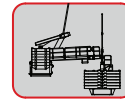
360°



160t



40t



0t
R=10m

Unit:t

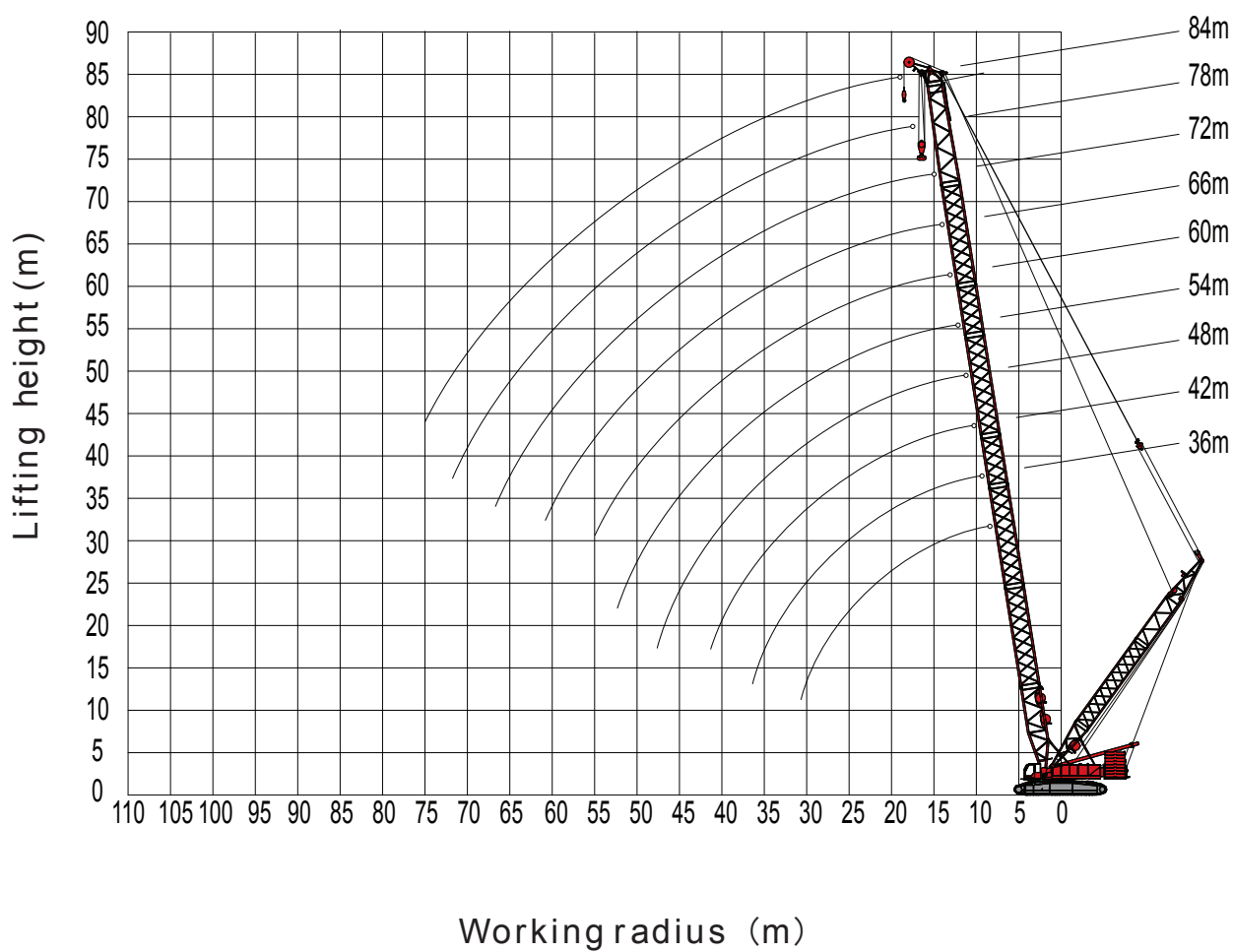
Boom length Working radius	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m
8.0m	368.9	352.5	319.9	278.4					
9.0m	310.3	298.1	286.4	275.6	245.1				
10.0m	267.2	257.7	248.4	239.8	231.3	218.0	182.4	176.2	
12.0m	208.1	201.7	195.2	189.3	183.2	177.3	161.6	160.2	149.5
14.0m	169.5	164.7	159.8	155.3	150.6	146.0	134.8	133.2	132.8
16.0m	141.2	138.5	134.4	130.9	127.0	123.2	114.8	113.0	112.2
18.0m	118.9	118.2	115.5	112.5	109.1	105.9	99.5	98.7	96.4
20.0m	102.2	101.4	100.3	98.2	95.2	92.3	87.2	85.8	83.9
22.0m	89.2	88.4	87.3	86.6	83.9	81.3	77.3	76.4	73.7
24.0m	78.8	77.9	76.8	76.1	74.7	72.3	69.0	67.7	65.2
26.0m	70.2	69.4	68.2	67.6	66.3	64.8	62.1	60.5	58.1
28.0m	63.1	62.2	61.1	60.4	59.2	58.1	56.1	54.3	52.1
30.0m	57.0	56.2	55.0	54.3	53.1	52.0	51.0	49.0	46.8
34.0m	47.7	46.5	45.3	44.6	43.3	42.2	41.6	40.2	38.3
38.0m		39.0	37.8	37.2	35.9	34.8	34.4	32.7	31.5
42.0m			32.0	31.3	30.0	28.9	28.7	26.8	25.5
46.0m				26.5	25.2	24.1	24.1	22.0	20.7
50.0m					21.3	20.1	20.2	18.1	16.8
54.0m					17.9	16.8	17.0	14.7	13.4
58.0m						13.9	14.2	11.9	10.6
62.0m							11.9	9.4	8.1
66.0m							10.3	7.3	6.0
70.0m								5.4	4.1
74.0m									2.4

Standards:EN13000



Working Range HS

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Rated Lifting Capacity Load Chart HS

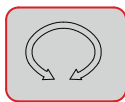
.....



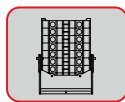
36m-84m



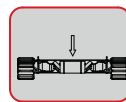
30m



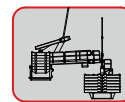
360°



160t



40t



0t
R=12m

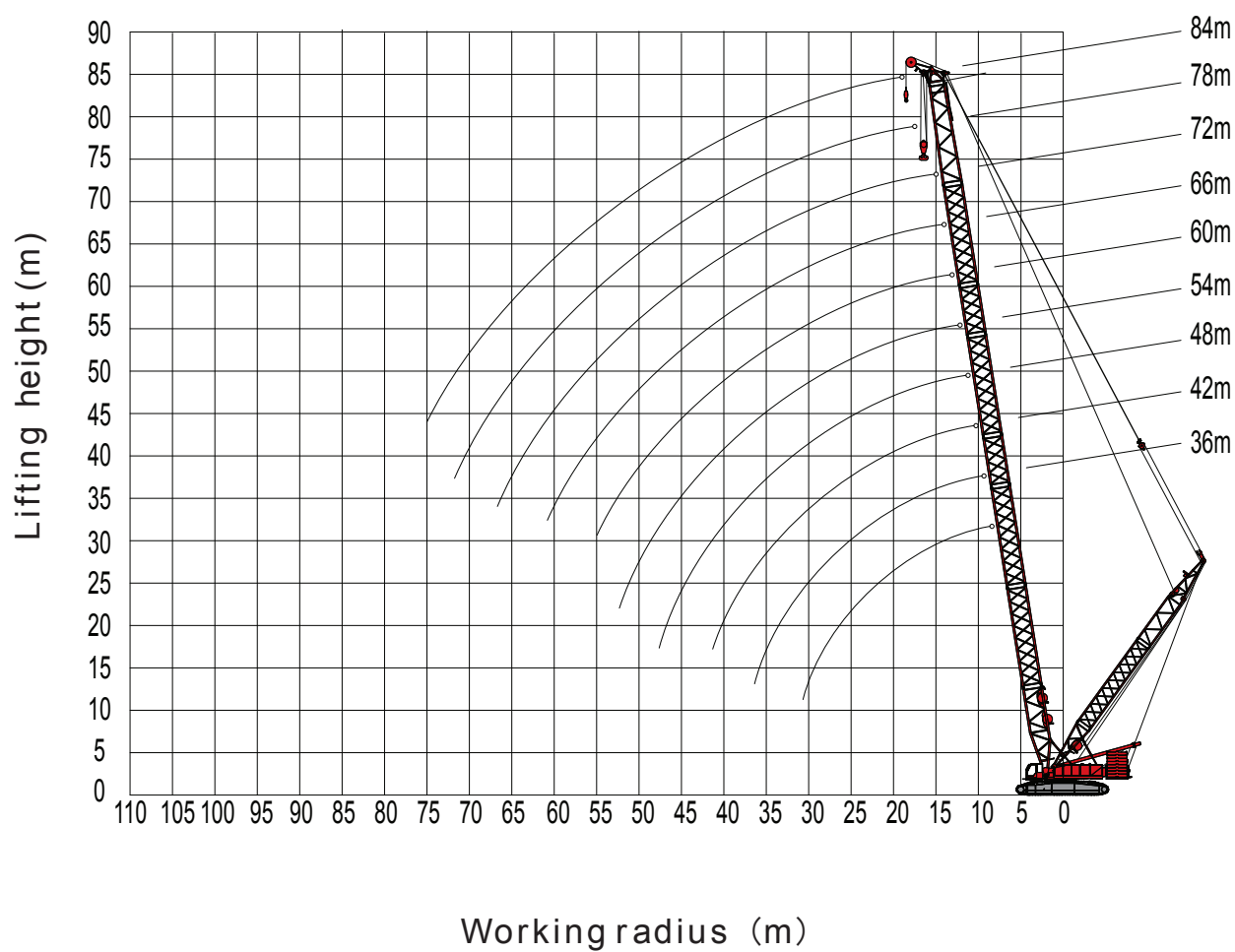
Unit:t

Boom length Working radius	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m
8.0m	371.3	344.9	322.1	280.3					
9.0m	312.3	300.1	288.3	277.5	246.8				
10.0m	269.0	259.4	250.1	241.5	232.9	219.5	183.5	177.5	
12.0m	209.5	203.0	196.5	190.6	184.5	178.6	162.6	160.4	160.7
14.0m	170.7	165.8	160.9	156.4	151.6	147.0	135.6	134.3	133.8
16.0m	142.2	139.5	135.4	131.9	127.9	124.1	115.6	114.9	113.1
18.0m	119.8	119.0	116.3	113.4	109.9	106.7	100.1	98.5	97.2
20.0m	103.0	102.2	101.0	98.9	95.9	93.0	87.8	86.5	84.6
22.0m	89.9	89.0	87.9	87.3	84.6	82.0	77.8	77.0	74.3
24.0m	79.4	78.5	77.4	76.7	75.3	72.9	69.5	68.3	65.8
26.0m	70.8	69.9	68.7	68.1	66.9	65.3	62.5	61.0	58.7
28.0m	63.6	62.7	61.5	60.9	59.6	58.5	56.5	54.8	52.6
30.0m	57.5	56.6	55.4	54.8	53.5	52.4	51.4	49.5	47.3
34.0m	48.1	46.9	45.7	45.0	43.7	42.6	42.0	40.6	38.7
38.0m		39.4	38.2	37.5	36.2	35.1	34.7	33.1	31.8
42.0m			32.3	31.6	30.3	29.2	29.0	27.1	25.9
46.0m				26.8	25.5	24.4	24.3	22.3	21.0
50.0m					21.5	20.4	20.4	18.3	17.0
54.0m					18.2	17.0	17.2	15.0	13.7
58.0m						14.1	14.4	12.1	10.8
62.0m							12.0	9.6	8.3
66.0m							10.4	7.5	6.2
70.0m								5.6	4.3
74.0m									2.6

Standards:EN13000



Working Range HS

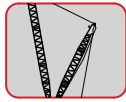




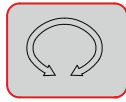
Rated Lifting Capacity Load Chart HS



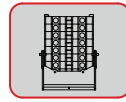
36m-84m



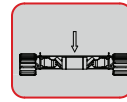
30m



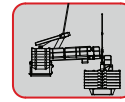
360°



160t



40t



0t
R=14m

Unit:t

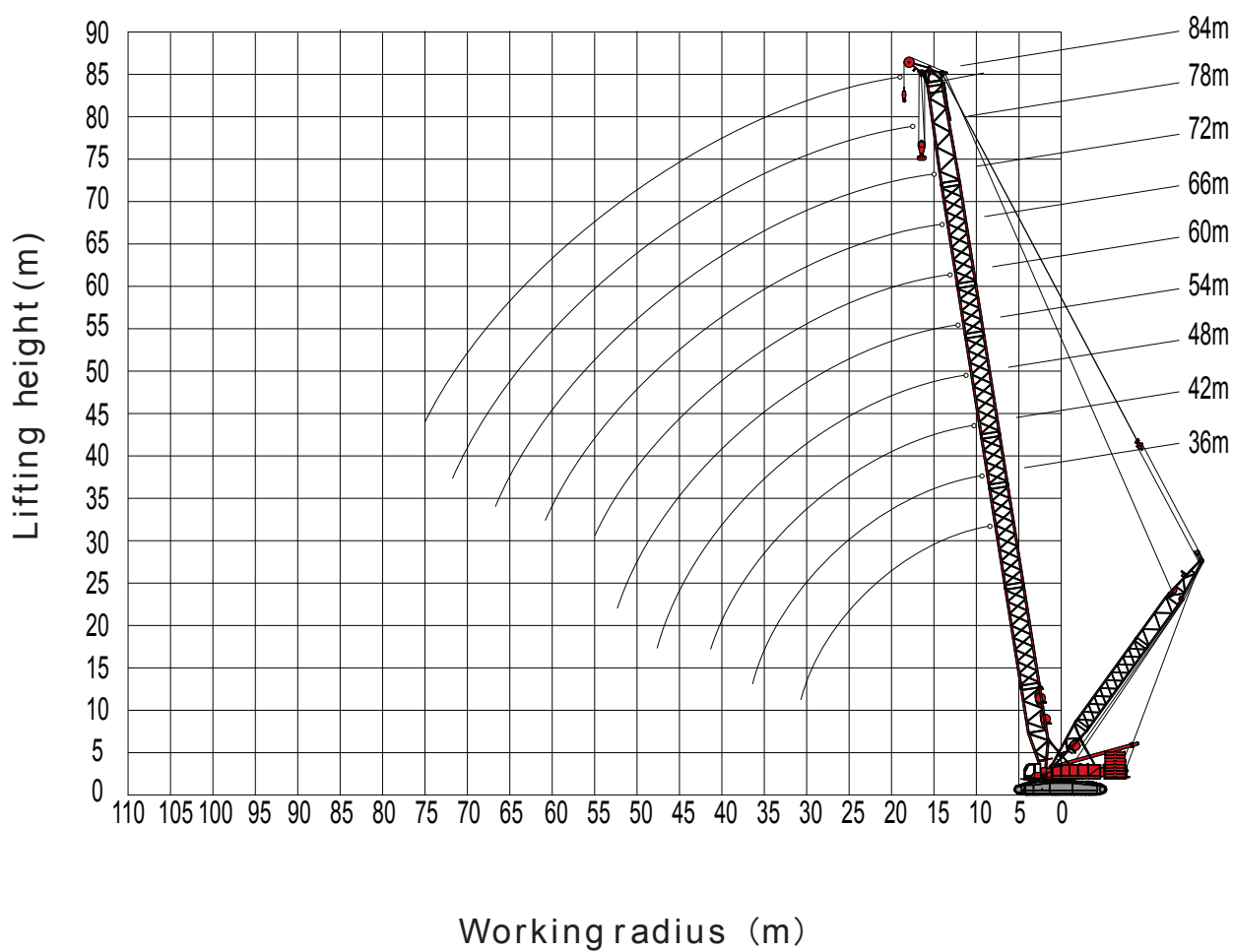
Boom length Working radius	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m
8.0m	373.7	357.2	324.2	282.1					
9.0m	314.4	302.0	290.3	259.3	248.4				
10.0m	270.7	261.1	251.8	243.1	234.5	221.0	184.7	178.7	
12.0m	210.9	204.4	197.9	191.9	185.7	179.8	163.6	161.6	161.8
14.0m	171.9	167.0	162.0	157.5	152.7	148.1	136.5	135.3	134.8
16.0m	143.1	140.4	136.4	132.8	128.8	125.0	116.3	114.7	114.0
18.0m	120.6	119.8	117.2	114.2	110.8	107.5	100.8	91.2	97.9
20.0m	103.7	102.9	101.8	99.7	96.6	93.7	88.4	87.2	85.2
22.0m	90.5	89.7	88.6	87.9	85.2	82.6	78.4	77.6	74.9
24.0m	79.9	79.1	78.0	77.3	75.9	73.5	70.0	68.9	66.4
26.0m	71.3	70.4	69.3	68.6	67.4	65.8	63.0	61.6	59.2
28.0m	64.1	63.2	62.0	61.4	60.1	59.0	57.0	55.3	53.1
30.0m	57.9	57.1	55.9	55.2	54.0	52.9	51.8	49.9	47.8
34.0m	48.5	47.3	46.1	45.4	44.1	43.0	42.3	41.0	39.1
38.0m		39.7	38.5	37.9	36.6	35.4	35.0	33.4	32.2
42.0m			32.6	31.9	30.6	29.5	29.2	27.4	26.2
46.0m				27.1	25.8	24.6	24.5	22.6	21.3
50.0m					21.8	20.6	20.7	18.6	17.3
54.0m					18.4	17.2	17.4	15.2	13.9
58.0m						14.4	14.6	12.3	11.0
62.0m							12.2	9.8	8.5
66.0m							10.6	7.6	6.3
70.0m								5.7	4.4
74.0m									2.7

Standards:EN13000



Working Range HS

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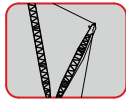




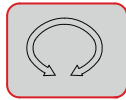
Rated Lifting Capacity Load Chart HS



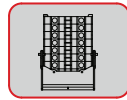
36m-84m



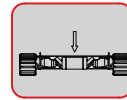
30m



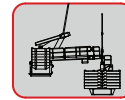
360°



160t



40t



0t
R=16m

Unit:t

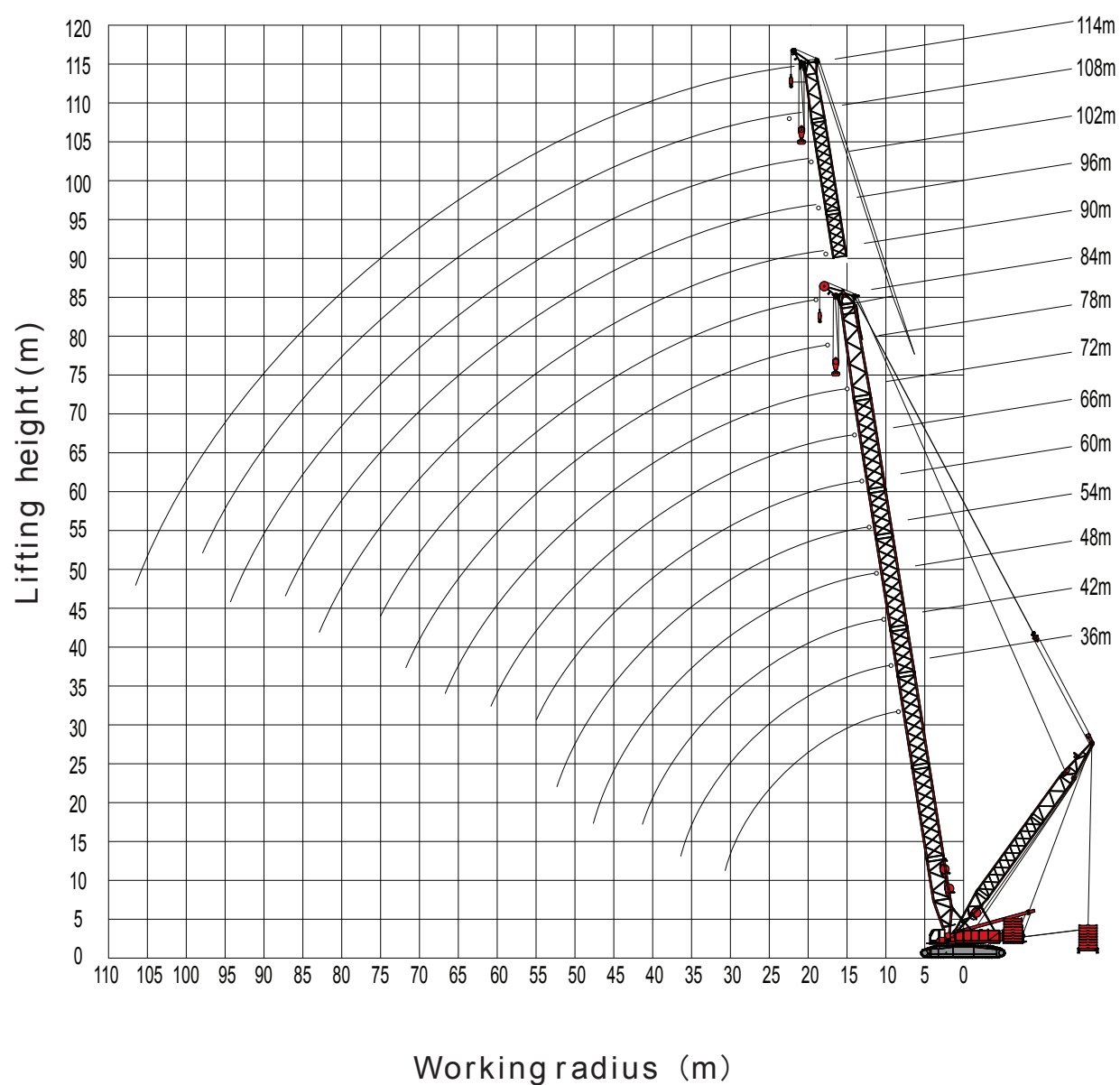
Boom length \ Working radius	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m
8.0m	376.1	359.5	326.3	284.0					
9.0m	316.4	304.0	292.2	281.2	250.1				
10.0m	272.5	262.8	253.4	244.7	236.0	222.5	185.8	180.0	
12.0m	212.3	205.8	199.2	193.3	187.0	181.1	164.6	169.8	163.0
14.0m	173.0	168.1	163.1	158.6	153.8	149.2	137.3	140.3	135.8
16.0m	144.1	141.4	137.3	133.8	129.8	125.9	117.1	118.6	114.8
18.0m	121.5	120.7	118.0	115.0	111.6	108.3	101.5	102.0	98.7
20.0m	104.4	103.6	102.5	100.4	97.3	94.4	89.0	88.9	85.9
22.0m	91.2	90.3	89.2	88.6	85.9	83.3	78.9	78.3	75.6
24.0m	80.5	79.7	78.5	77.9	76.5	74.1	70.5	69.5	67.0
26.0m	71.8	71.0	69.8	69.2	67.9	66.4	63.4	62.1	59.7
28.0m	64.6	63.7	62.5	61.9	60.6	59.5	57.4	55.8	53.5
30.0m	58.4	57.5	56.4	55.7	54.4	53.3	52.2	50.4	48.2
34.0m	48.9	47.7	46.5	45.8	44.5	43.4	42.6	41.4	39.5
38.0m		40.1	38.9	38.2	36.9	35.8	35.3	33.8	32.5
42.0m			32.9	32.2	30.9	29.8	29.5	27.7	26.5
46.0m				27.4	26.1	24.9	24.8	22.9	21.6
50.0m					22.0	20.9	20.9	18.8	17.5
54.0m					18.6	17.5	17.6	15.4	14.1
58.0m						14.6	14.8	12.5	11.2
62.0m							12.4	10.0	8.7
66.0m							10.8	7.8	6.5
70.0m								5.9	4.6
74.0m									2.9

Standards:EN13000



Working Range HSD

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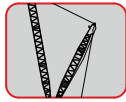




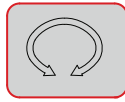
Rated Lifting Capacity Load Chart HSD



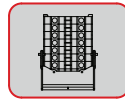
36m-84m



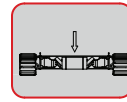
30m



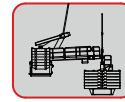
360°



160t



40t

250t
R=10m

Unit:t

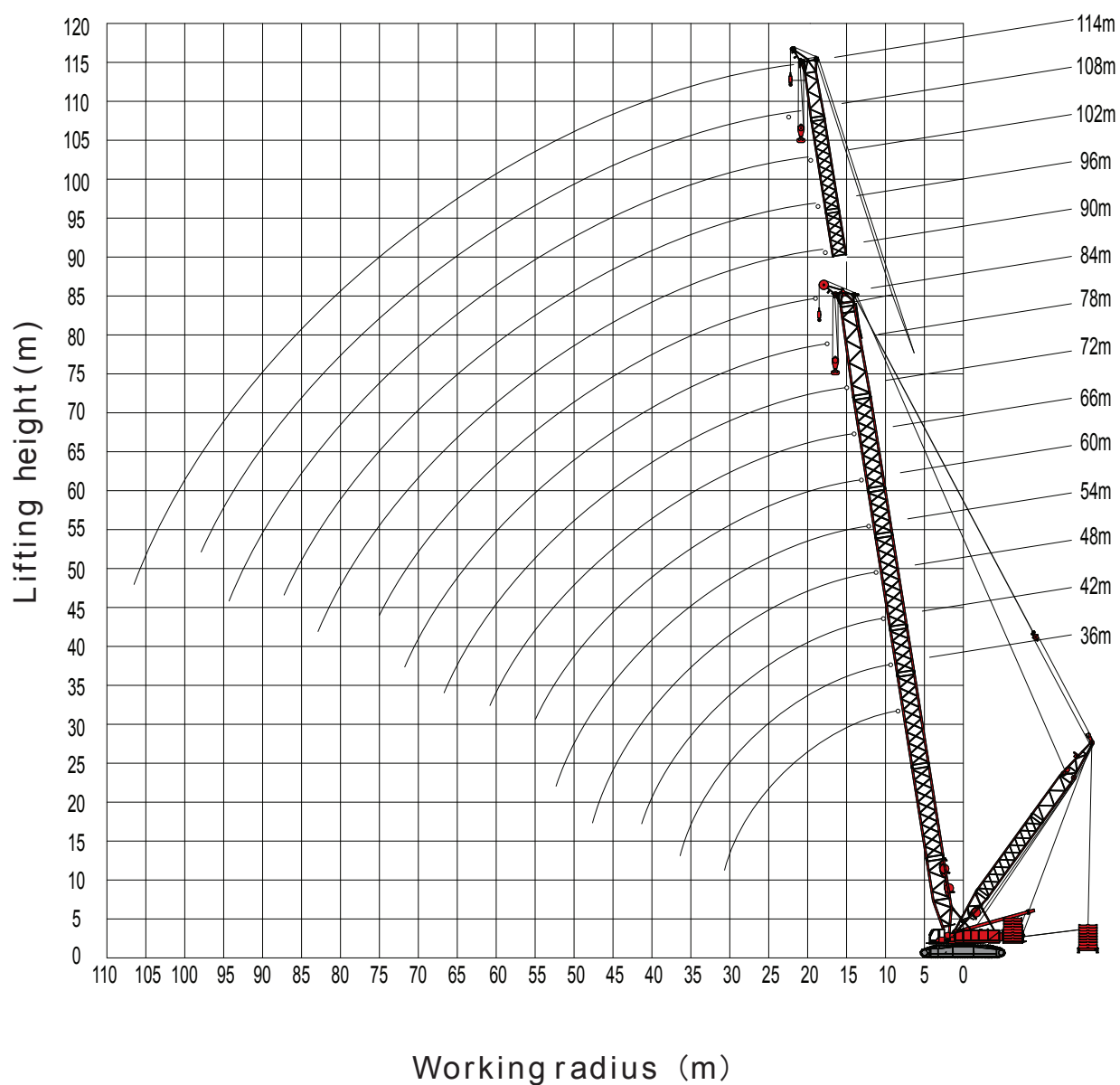
Boom length Working radius	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m
8.0m	475.3	437.1	389.8	348.0					
9.0m	475.3	437.1	389.8	348.0	301.4				
10.0m	467.5	437.1	389.8	348.0	301.4	268.7	238.4	206.5	
12.0m	413.1	417.1	389.8	348.0	301.4	268.7	238.4	206.5	172.9
14.0m	351.5	353.0	352.2	343.2	301.4	268.7	238.4	206.5	172.9
16.0m	309.3	300.0	302.4	305.4	298.0	268.7	238.4	206.5	168.2
18.0m	270.0	269.4	267.6	270.0	266.0	260.3	238.4	206.5	168.2
20.0m	242.9	240.1	239.0	238.0	240.9	238.1	234.9	200.8	168.2
22.0m	220.4	219.6	218.4	217.8	216.4	212.1	211.3	190.0	165.3
24.0m	200.0	195.1	193.9	193.3	192.0	190.8	191.8	188.6	159.8
26.0m	175.8	175.0	173.8	173.2	176.9	173.9	175.3	176.3	155.9
28.0m	169.1	162.3	163.1	160.4	160.2	160.1	160.0	161.7	150.5
30.0m	152.9	150.1	150.9	150.2	150.0	145.9	146.2	147.9	136.1
34.0m	130.1	130.4	130.2	129.5	128.2	126.1	124.1	125.1	123.9
38.0m		114.0	112.8	112.1	110.8	109.7	107.2	107.7	106.4
42.0m			99.0	98.4	97.1	95.9	93.8	93.9	92.6
46.0m				87.2	85.9	84.8	83.0	82.7	81.4
50.0m					76.7	75.5	74.1	73.5	72.2
54.0m					68.9	67.8	66.5	65.7	64.4
58.0m						61.2	60.1	59.1	57.8
62.0m							54.6	53.4	52.1
66.0m							50.9	48.4	47.1
70.0m								44.0	42.7
74.0m									38.8

Standards:EN13000



Working Range HSD

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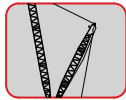




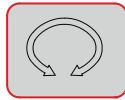
Rated Lifting Capacity Load Chart HSD



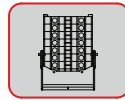
36m-84m



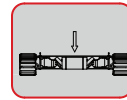
30m



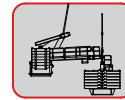
360°



160t



40t



250t
R=12m

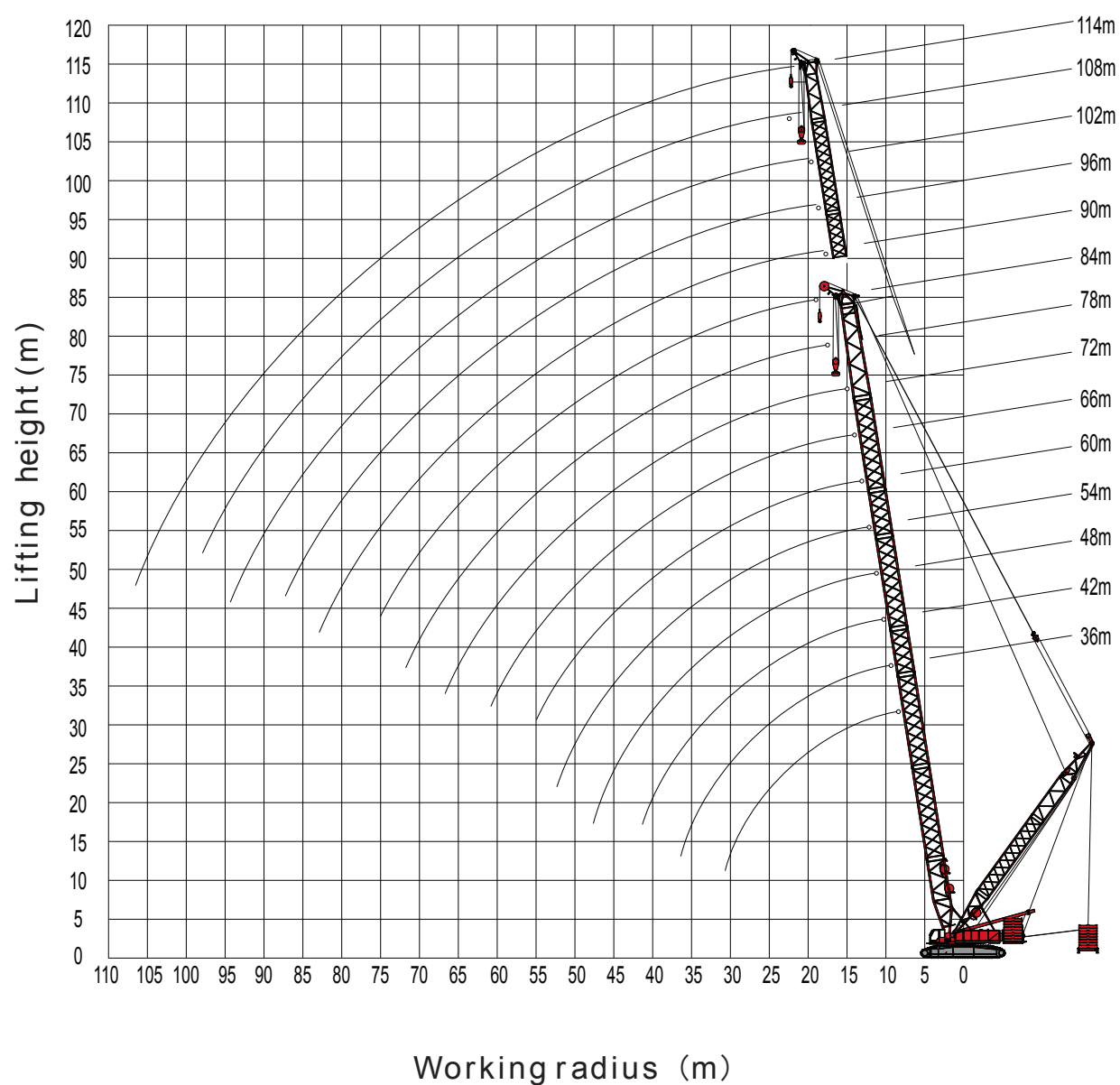
Unit:t

Boom length	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m
Working radius									
8.0m	475.3	440.6	404.8	355.8					
9.0m	475.3	440.6	404.8	355.8	308.9				
10.0m	475.3	440.6	404.8	355.8	308.9	270.0	236.3	205.9	
12.0m	445.3	424.1	404.8	355.8	308.9	270.0	236.3	205.9	177.5
14.0m	379.4	377.7	380.2	355.8	308.9	270.0	236.3	205.9	177.5
16.0m	333.7	331.5	333.3	325.9	308.9	270.0	236.3	205.9	177.5
18.0m	300.1	300.3	294.6	291.6	290.3	269.2	236.3	205.9	177.5
20.0m	264.5	263.7	262.6	261.8	262.4	261.2	236.3	205.9	174.5
22.0m	241.3	240.5	239.4	238.8	237.5	233.1	231.2	205.9	168.7
24.0m	214.8	213.9	212.8	212.1	210.9	209.9	209.9	203.9	162.1
26.0m	200.0	196.2	194.0	190.4	189.1	198.0	192.0	193.6	160.0
28.0m	180.9	176.0	180.8	176.2	175.9	179.8	175.2	177.6	154.3
30.0m	167.5	165.6	165.4	166.8	165.5	164.4	160.3	162.4	150.8
34.0m	130.0	142.0	141.8	142.1	140.8	139.7	136.3	137.7	136.5
38.0m		125.1	123.9	123.2	121.9	120.8	118.0	118.8	117.5
42.0m			109.0	108.3	107.0	105.9	103.5	103.8	102.6
46.0m				96.2	94.9	93.8	91.7	91.7	90.4
50.0m					84.9	83.8	82.0	81.7	80.4
54.0m					76.5	75.4	73.9	73.3	72.0
58.0m						68.2	66.9	66.1	64.8
62.0m							60.9	59.9	58.6
66.0m							56.9	54.5	53.2
70.0m								49.8	48.5
74.0m									44.3

Standards:EN13000



Working Range HSD

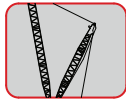




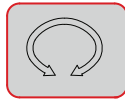
Rated Lifting Capacity Load Chart HSD



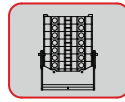
36m-84m



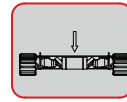
30m



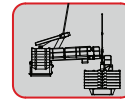
360°



160t



40t



250t
R=14m

Unit:t

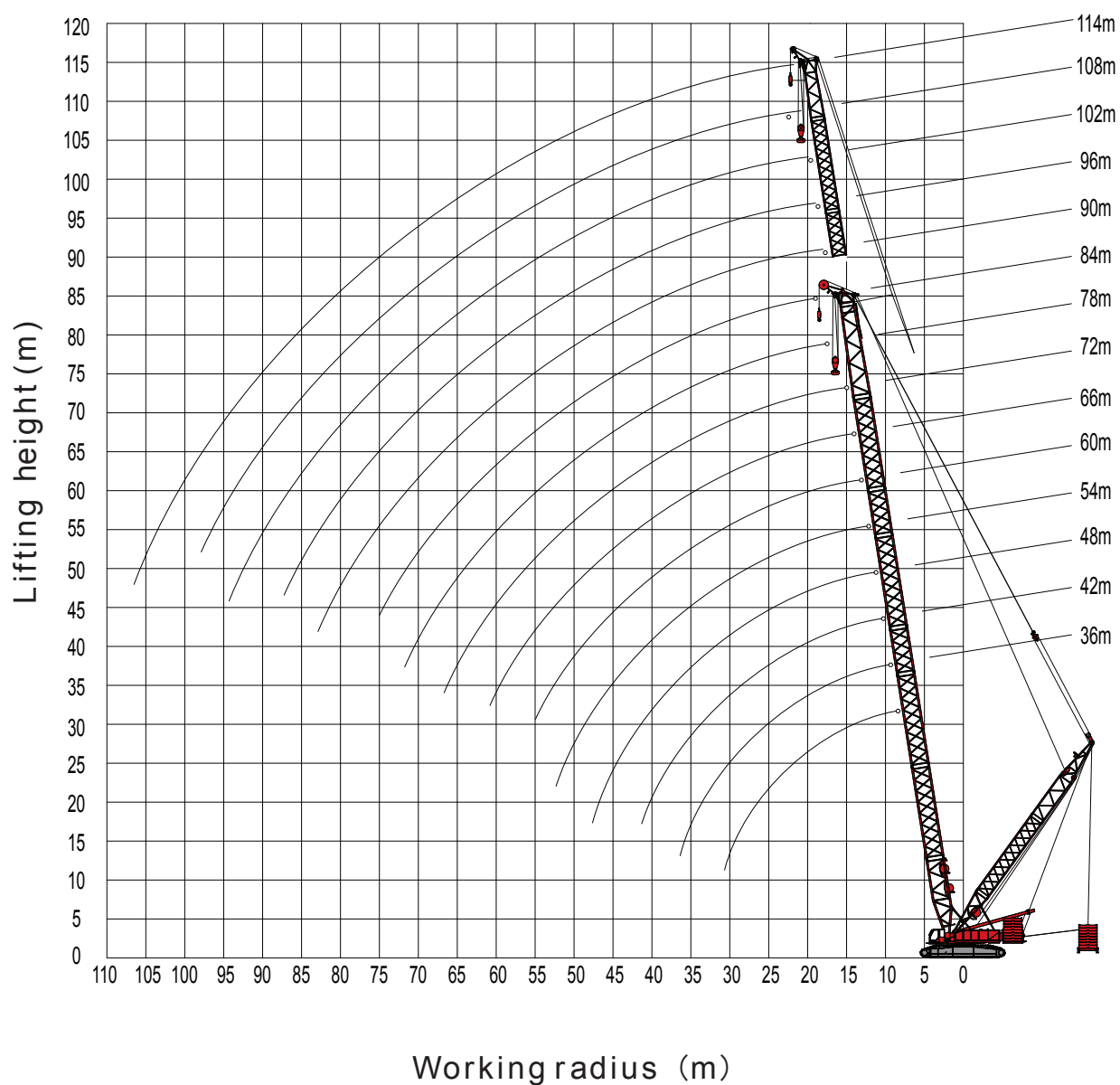
Boom length	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m
Working radius									
8.0m	475.4	463.1	413.1	363.8					
9.0m	475.4	463.1	413.1	363.8	316.5				
10.0m	475.4	455.6	413.1	363.8	316.5	273.5	246.2	208.5	
12.0m	458.6	455.6	413.1	363.8	316.5	273.5	246.2	208.5	178.3
14.0m	416.9	415.5	410.9	363.8	316.5	273.5	246.2	208.5	178.3
16.0m	362.1	360.9	354.2	363.8	316.5	273.5	246.2	208.5	178.3
18.0m	324.0	313.2	316.7	315.3	316.5	273.5	246.2	208.5	178.3
20.0m	288.1	287.3	284.2	283.5	280.9	273.5	246.2	208.5	178.3
22.0m	262.3	258.5	260.3	259.7	258.5	254.0	246.2	208.5	176.7
24.0m	233.7	232.8	231.7	231.0	229.8	228.7	228.1	208.5	174.5
26.0m	207.0	211.0	208.2	207.5	206.3	210.2	208.8	200.8	171.7
28.0m	182.0	194.7	192.6	190.9	189.7	195.6	190.4	187.6	165.1
30.0m	160.0	183.2	178.0	177.3	176.0	178.9	174.3	177.0	160.6
34.0m	120.0	147.5	155.4	154.7	153.4	152.3	148.5	150.3	149.1
38.0m		120.0	129.5	134.4	133.1	131.9	128.7	129.9	128.7
42.0m			108.9	118.3	117.0	115.8	113.1	113.8	112.5
46.0m				103.2	103.9	102.8	100.5	100.7	99.5
50.0m					93.1	92.0	90.0	89.9	88.7
54.0m					81.5	82.9	81.2	80.9	79.6
58.0m						75.2	73.7	73.1	71.8
62.0m							67.2	66.5	65.2
66.0m							60.9	60.6	59.3
70.0m								55.5	54.2
74.0m									49.7

Standards:EN13000



Working Range HSD

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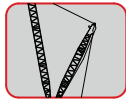




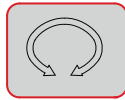
Rated Lifting Capacity Load Chart HSD



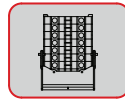
36m-84m



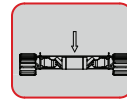
30m



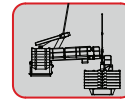
360°



160t



40t



250t
R=16m

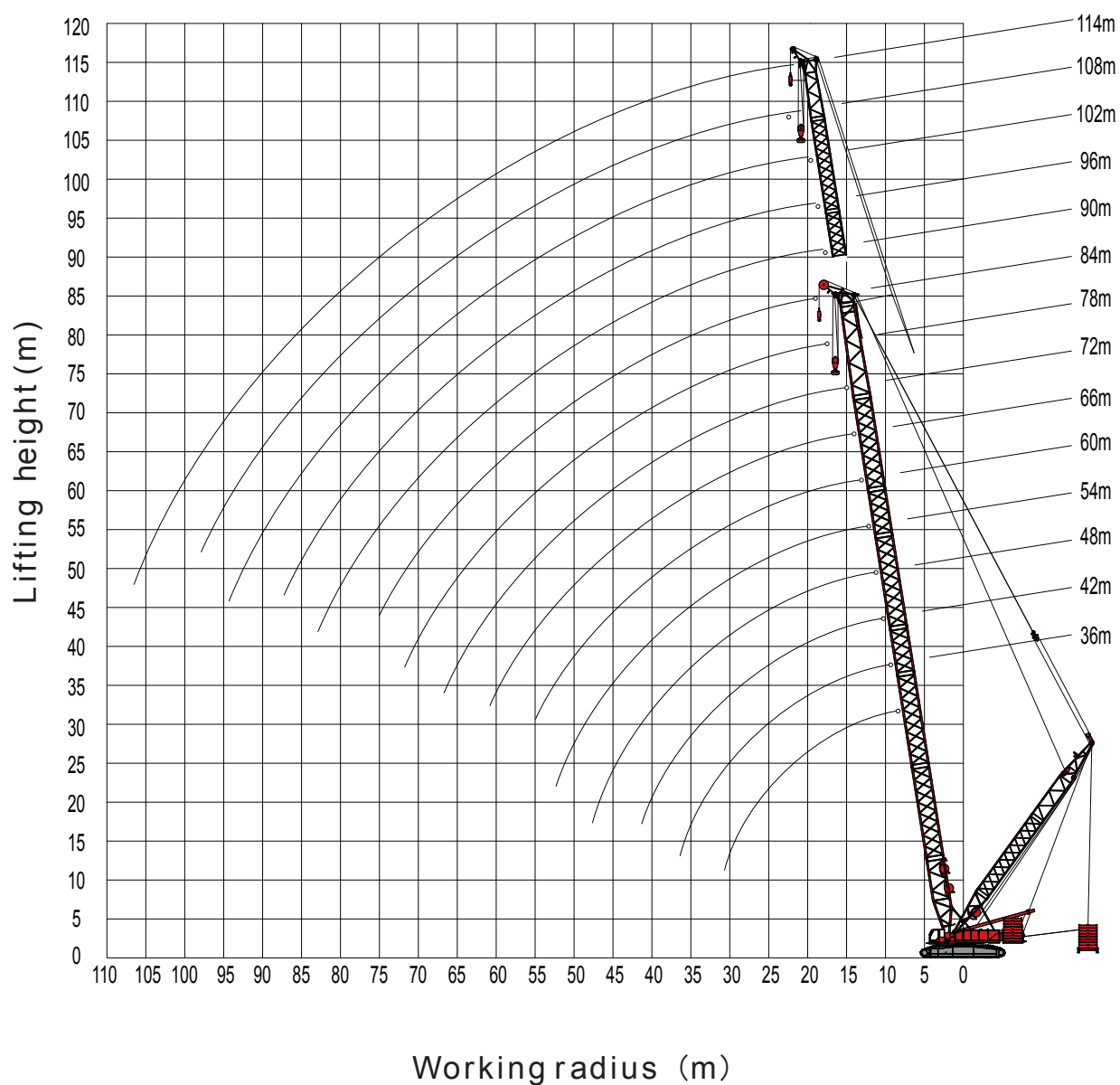
Unit:t

Boom length Working radius	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m
8.0m	500.0	460.6	411.4	362.0					
9.0m	499.0	460.6	411.4	362.0	315.0				
10.0m	499.0	460.6	411.4	362.0	315.0	281.0	242.3	210.2	
12.0m	495.0	460.6	411.4	362.0	315.0	281.0	242.3	210.2	176.3
14.0m	436.0	436.8	411.4	362.0	315.0	281.0	242.3	210.2	176.3
16.0m	384.0	384.4	385.2	362.0	315.0	281.0	242.3	210.2	176.3
18.0m	342.9	340.1	338.8	338.0	308.0	281.0	242.3	210.2	176.3
20.0m	300.0	307.8	309.7	308.1	303.0	278.0	242.3	210.2	174.5
22.0m	260.4	277.0	276.3	276.0	270.0	268.0	242.3	210.2	172.7
24.0m	228.0	249.0	250.5	250.0	250.0	248.0	236.3	210.2	170.2
26.0m	201.0	221.0	228.3	228.0	225.0	227.0	225.7	208.0	168.0
28.0m	177.0	198.0	210.0	212.0	207.0	210.0	205.7	199.4	165.4
30.0m	156.5	177.5	190.0	196.0	195.0	194.0	188.4	190.0	162.4
34.0m	122.0	143.0	158.0	166.0	166.0	165.0	160.7	163.0	151.7
38.0m		120.0	130.0	140.0	144.0	144.0	139.5	142.0	139.8
42.0m			108.0	120.0	125.0	126.0	122.7	124.0	123.5
46.0m				100.0	106.0	112.0	109.2	110.0	110.5
50.0m					92.0	98.0	98.0	98.2	97.8
54.0m					75.0	85.0	88.5	88.5	88.5
58.0m						74.0	78.0	81.2	78.8
62.0m							68.0	72.0	71.7
66.0m							55.0	63.1	65.4
70.0m								50.0	57.5
74.0m									50.5

Standards:EN13000



Working Range HSD/L





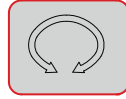
Rated Lifting Capacity Load Chart HSD/L



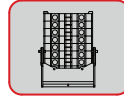
78m-114m



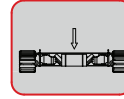
30m



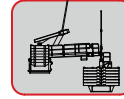
360°



160t



40t

250t
R=10m-12m

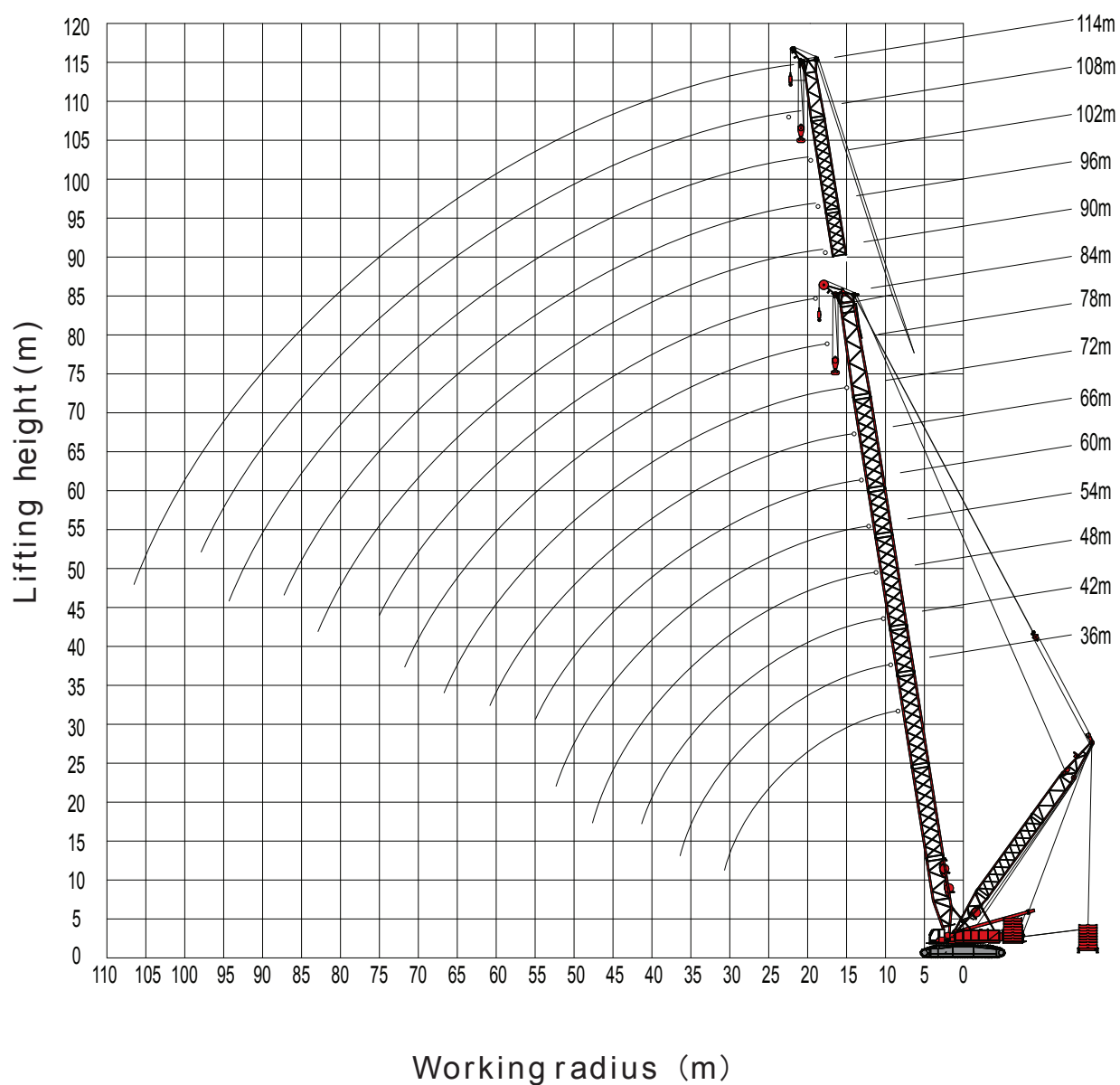
Unit:t

SL radius Boom length	10.0m							12.0m						
	78.0m	84.0m	90.0m	96.0m	102.0m	108.0m	114.0m	78.0m	84.0m	90.0m	96.0m	102.0m	108.0m	114.0m
10.0m	198.5							197.0						
11.0m	198.5	177	149.5					197.0	176.5	149.5				
12.0m	198.5	177.0	149.5	122.0	102.5			197.0	176.5	149.5	127.5	107.5		
13.0m	198.5	176.5	149.0	122.0	102.5	82.0	70.0	197.0	176.5	149.5	127.0	107.5	87.2	73.6
14.0m	198.5	176.0	148.5	122.0	102.5	82.0	70.0	197.0	176.5	149.0	127.0	107.0	87.2	73.6
15.0m	198.5	176.0	148.5	121.5	102.5	82.0	70.0	197.0	176.5	149.0	127.0	106.5	87.2	73.6
16.0m	198.5	175.5	148.0	121.0	102.5	82.0	70.0	197.0	176.5	149.0	127.0	106.5	87.2	73.6
18.0m	198.5	174.5	147.0	120.5	102.5	81.0	70.0	197.0	176.5	149.0	126.5	105.5	87.2	73.6
20.0m	198.0	174.0	146.5	120.0	102.5	80.0	70.0	197.0	176.5	148.5	126.5	105.0	87.2	73.6
22.0m	198.0	174.0	146.0	120.0	102.5	80.0	70.0	197.0	176.5	148.0	125.0	104.0	87.2	73.6
24.0m	194.0	174.0	146.0	120.0	102.0	80.0	70.0	197.0	176.5	147.5	123.5	102.0	86.9	73.5
26.0m	177.0	174.0	145.5	120.0	101.5	79.3	70.0	190.0	176.5	147.0	122.0	100.0	86.4	72.6
28.0m	162.0	161.5	144.5	120.0	101.0	79.3	69.0	177.5	169.5	145.0	120.5	98.5	85.9	71.7
30.0m	148.5	148.0	139.5	118.5	100.5	79.3	69.0	163.5	163.0	140.5	118.0	96.6	85.5	70.8
34.0m	127.5	127.0	127.0	112.5	96.6	78.4	68.0	140.0	139.5	131.5	113.0	92.4	83.4	68.9
38.0m	110.5	110.0	110.5	106.5	92.0	76.1	66.0	122	121.5	121.5	107.5	88.2	80.1	66.0
42.0m	98.5	97.2	97.2	97.5	87.4	73.9	63.0	108.5	107.5	107.5	102.0	83.9	76.8	63.0
46.0m	87.7	87.2	86.4	86.6	82.8	71.6	61.0	97.1	96.5	95.8	96	79.7	73.4	61.0
50.0m	78.8	78.2	78.1	78.2	77.7	69.3	58.0	87.4	86.8	86.7	86.7	75.4	70.1	58.0
54.0m	71.3	70.6	70.5	70.5	70.2	67.1	56.0	79.2	78.6	78.4	78.3	71.2	66.8	56.0
58.0m	64.9	64.2	64.0	64	63.6	63.1	53.0	72.3	71.6	71.4	71.2	67.0	63.4	53.0
62.0m	59.4	58.7	58.4	58.4	58.0	57.5	50.0	66.3	65.6	65.3	65.1	63.5	60.2	50.0
66.0m	54.6	53.9	53.6	53.5	53.1	52.6	47.1	61.1	60.4	60.0	59.8	59.4	57.1	46.0
70.0m	50.4	49.7	49.3	49.2	48.8	48.3	44.8	56.6	55.8	55.4	55.1	54.7	54.1	44.0
74.0m		46.0	45.6	45.4	45.0	44.5	42.6		51.8	51.3	51.1	50.6	50.1	42.1
78.0m			42.2	42.1	41.7	41.1	40.3			47.7	47.5	47.0	46.4	40.3
82.0m				39.1	38.7	38.1	37.7				44.3	43.7	43.1	38.4
86.0m					36.0	35.5	35.0					40.8	40.2	36.6
90.0m					33.5	33.0	32.6					38.2	37.6	34.7
94.0m						30.8	30.2						35.2	32.9
98.0m							28.1							31.0

Standards:EN13000



Working Range HSD/L

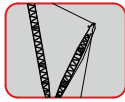




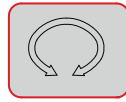
Rated Lifting Capacity Load Chart HSD/L



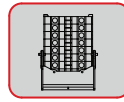
78m-114m



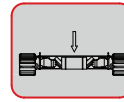
30m



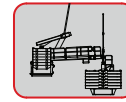
360°



160t



40t

250t
R=14m-16m

Unit:t

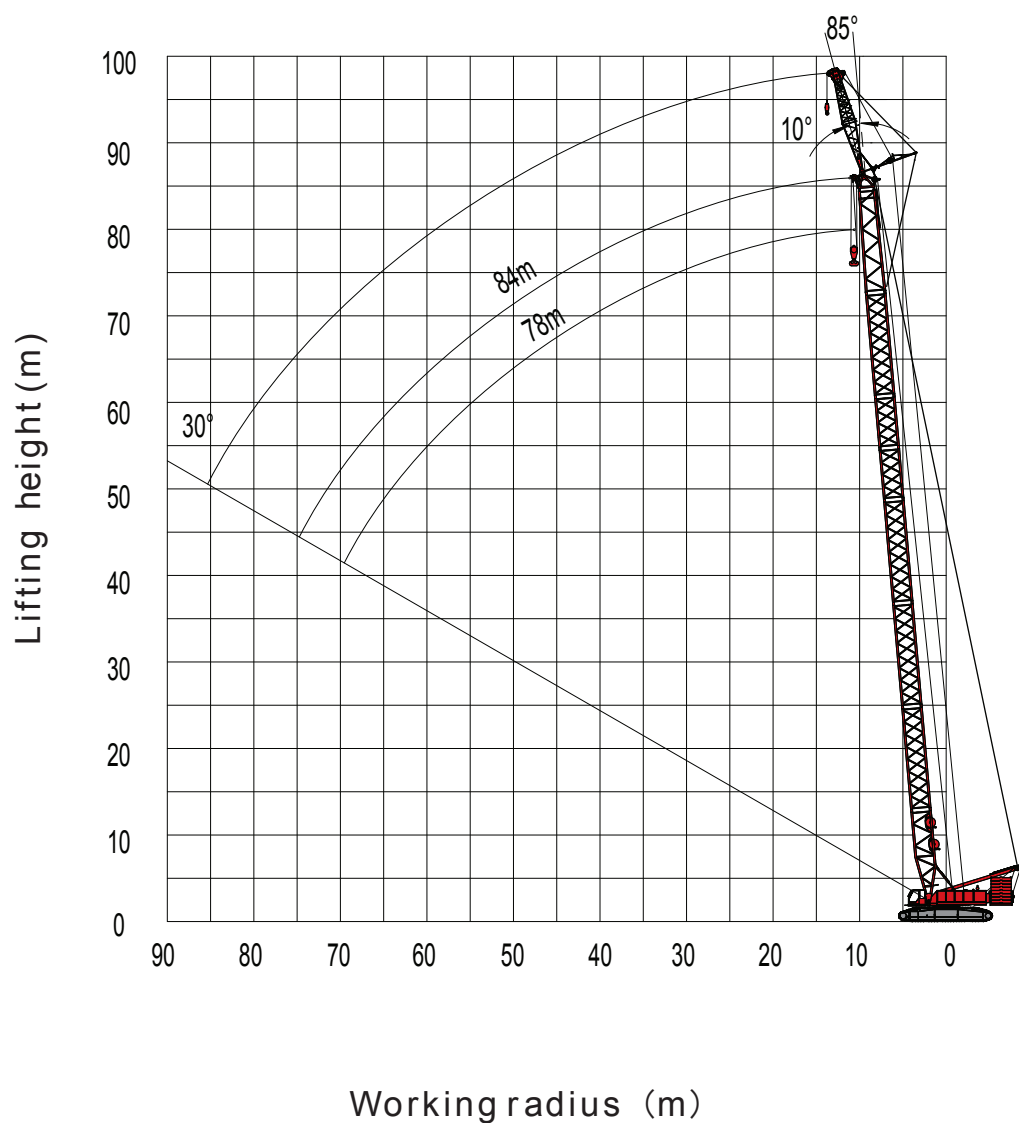
SL radius Boom length	14.0m							16.0m						
	78.0m	84.0m	90.0m	96.0m	102.0m	108.0m	114.0m	78.0m	84.0m	90.0m	96.0m	102.0m	108.0m	114.0m
10.0m	203.0							210.0						
11.0m	203.0	176	149.5					210.0	178	150.0				
12.0m	203.0	176	149.5	126.5	107.0			210.0	178	150.0	128.0	109.0		
13.0m	203.0	176	149.0	126.0	107.0	90.3	77.0	210.0	178	149.0	128.0	109.0	93.0	79.0
14.0m	203.0	176	149.0	126.0	106.5	90.2	77.0	210.0	178	148.0	128.0	109.0	93.0	79.0
15.0m	203.0	176	149.0	125.5	106.0	90.2	77.0	210.0	178	147.0	128.0	109.0	92.5	79.0
16.0m	203.0	176	149.0	125.0	105.5	90.1	77.0	210.0	178	146.0	128.0	109.0	92.0	79.0
18.0m	202.0	176	148.5	124.5	105.0	90.0	76.0	209.0	178	145.0	128.0	109.0	91.0	79.0
20.0m	200.0	175.0	148.0	124.0	105.0	89.8	76.0	206.0	175.0	143.5	128.0	109.0	90.0	78.0
22.0m	198.0	174.0	146.5	123.0	104.0	89.7	75.0	204.0	173.0	142.0	127.0	108.0	90.0	78.0
24.0m	196.0	173.5	145.0	123.0	102.0	88.5	75.0	202.0	171.0	140.5	127.0	105.0	88.0	77.0
26.0m	189.0	171.5	144.0	122.0	100.0	87.1	74.0	192.0	169.0	139.0	126.0	103.0	87.0	77.0
28.0m	181.5	165.5	141.5	122.0	98.0	85.7	74.0	178.0	163.0	136.5	126.0	101.0	85.0	76.0
30.0m	174.0	160.0	137.5	121.0	96.0	84.3	73.0	171.0	158.0	133.5	124.0	99.0	84.0	73.0
34.0m	153.0	148.5	130.0	116.0	93.0	81.2	72.0	158.0	146.0	127.5	120.0	95.0	81.0	69.0
38.0m	133.5	133.0	122.5	111.0	89.0	78.1	69.0	145	136.5	121.5	115.0	92.0	78.0	66.0
42.0m	119.0	117.5	115.0	102.5	86.0	74.9	67.0	129.5	127.0	115.5	106.0	88.0	75.0	62.0
46.0m	106.5	105.5	105.0	98.5	82	71.7	64.0	115.5	115	109.5	96	85	72.0	58.0
50.0m	96	95.4	95.2	94.3	77.0	68.5	60.0	104.5	104.0	103.5	92.3	81.0	69.0	55.0
54.0m	87.2	86.5	86.3	86.1	69.9	65.3	57.0	93.7	93.8	94.1	88.5	76	67.0	53.0
58.0m	79.7	79	78.6	78.4	66.1	62.2	54.0	83.6	84.3	85.2	83.5	69	64.0	52.0
62.0m	73.2	72.5	72.0	71.8	63.0	59.2	50.0	74.3	75.7	77.0	78.1	63	61.0	49.0
66.0m	67.6	66.8	66.3	66.1	60.0	56.6	49.0	65.7	67.9	69.6	71.0	59.9	57.0	46.0
70.0m	59.9	61.9	61.3	61.0	56.9	53.9	45.0	57.5	60.6	62.7	64.4	57.3	53.7	43.6
74.0m		55.6	57.0	56.6	53.9	51.3	42.2		53.5	56.3	58.4	54.7	51.5	42.3
78.0m			52.0	52.7	50.9	48.6	40.7			50.2	52.7	52.0	49.2	41.1
82.0m				48.9	47.8	46.0	39.2				47.3	49.2	46.9	39.9
86.0m					44.8	43.4	37.7					44.3	44.7	38.6
90.0m					41.2	40.7	36.2					39.6	40.9	37.4
94.0m						38.1	34.6						36.7	36.2
98.0m							33.1							34.5

Standards:EN13000



Working Range HF

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Rated Lifting Capacity Load Chart HF

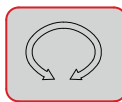


78m-84m

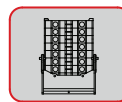


10°

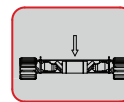
12m



360°



160t



40t

Unit:t

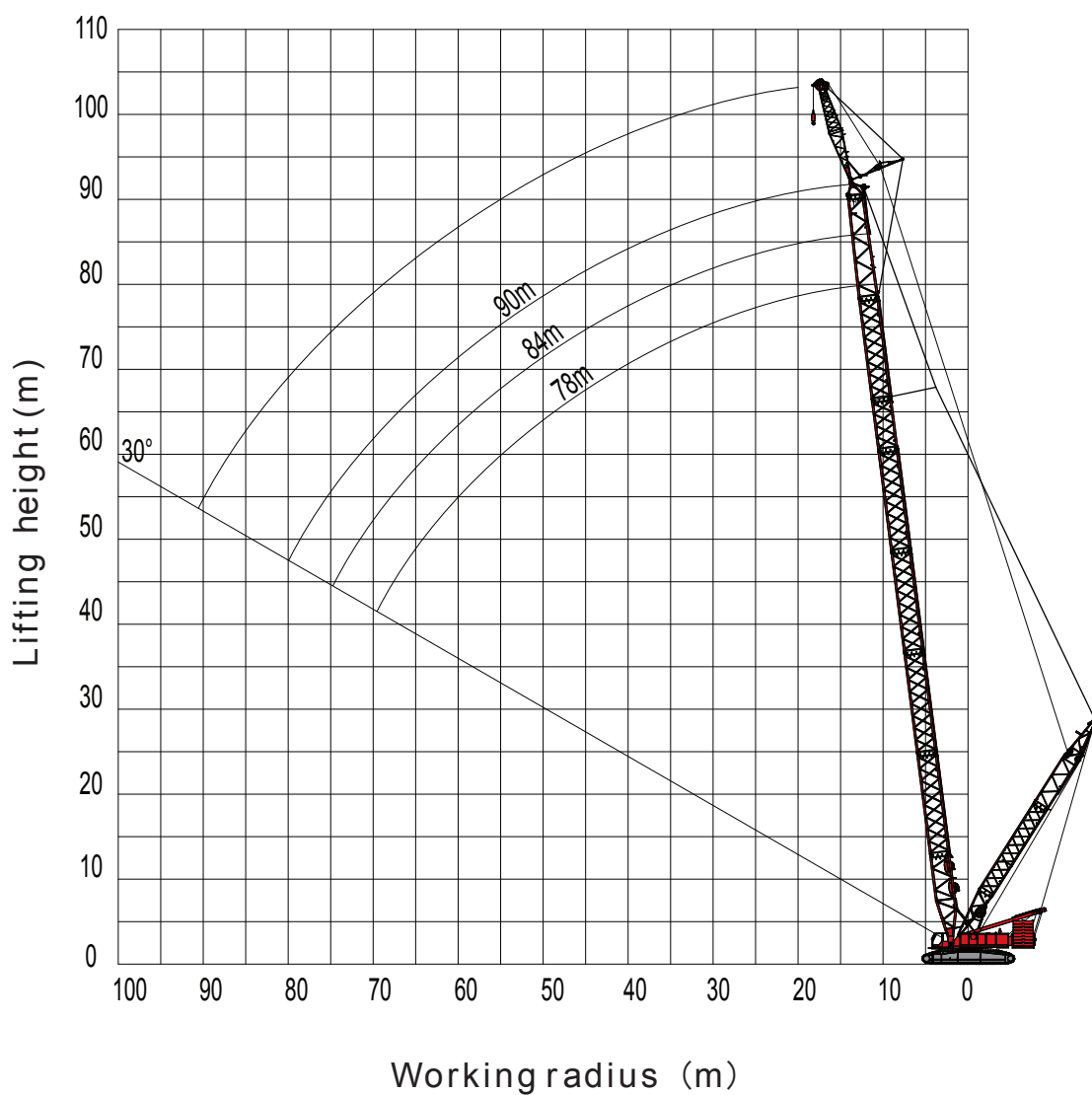
Boom length Working radius	78.0m	84.0m	Boom length Working radius	78.0m	84.0m
16.0m	107	107	36.0m	35.9	34.5
17.0m	107	107	37.0m	34.2	32.8
18.0m	105	104	38.0m	32.6	31.2
19.0m	97.8	96	39.0m	31.1	29.6
20.0m	90.7	89	40.0m	29.6	28.2
21.0m	84.4	82.7	41.0m	28.3	26.9
22.0m	78.8	77.1	42.0m	27	25.6
23.0m	73.8	72.1	43.0m	25.8	24.3
24.0m	69.2	67.5	44.0m	24.6	23.2
25.0m	65	63.4	45.0m	23.5	22.1
26.0m	61.2	59.6	46.0m	22.4	21
27.0m	57.7	56.2	47.0m	21.4	20
28.0m	54.5	53	48.0m	20.4	19
29.0m	51.6	50	49.0m	19.5	18.1
30.0m	48.8	47.3	50.0m	18.6	17.2
31.0m	46.3	44.8	51.0m	17.8	16.4
32.0m	43.9	42.4	52.0m	17	15.6
33.0m	41.7	40.3	53.0m	16.2	14.8
34.0m	39.7	38.2	54.0m	15.4	14.1
35.0m	37.7	36.3			

Standards:EN13000



Working Range HFS

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Rated Lifting Capacity Load Chart HFS

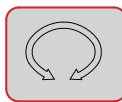


78m-90m

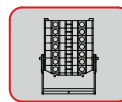


10°

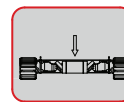
12m



360°



160t



40t

Unit:t

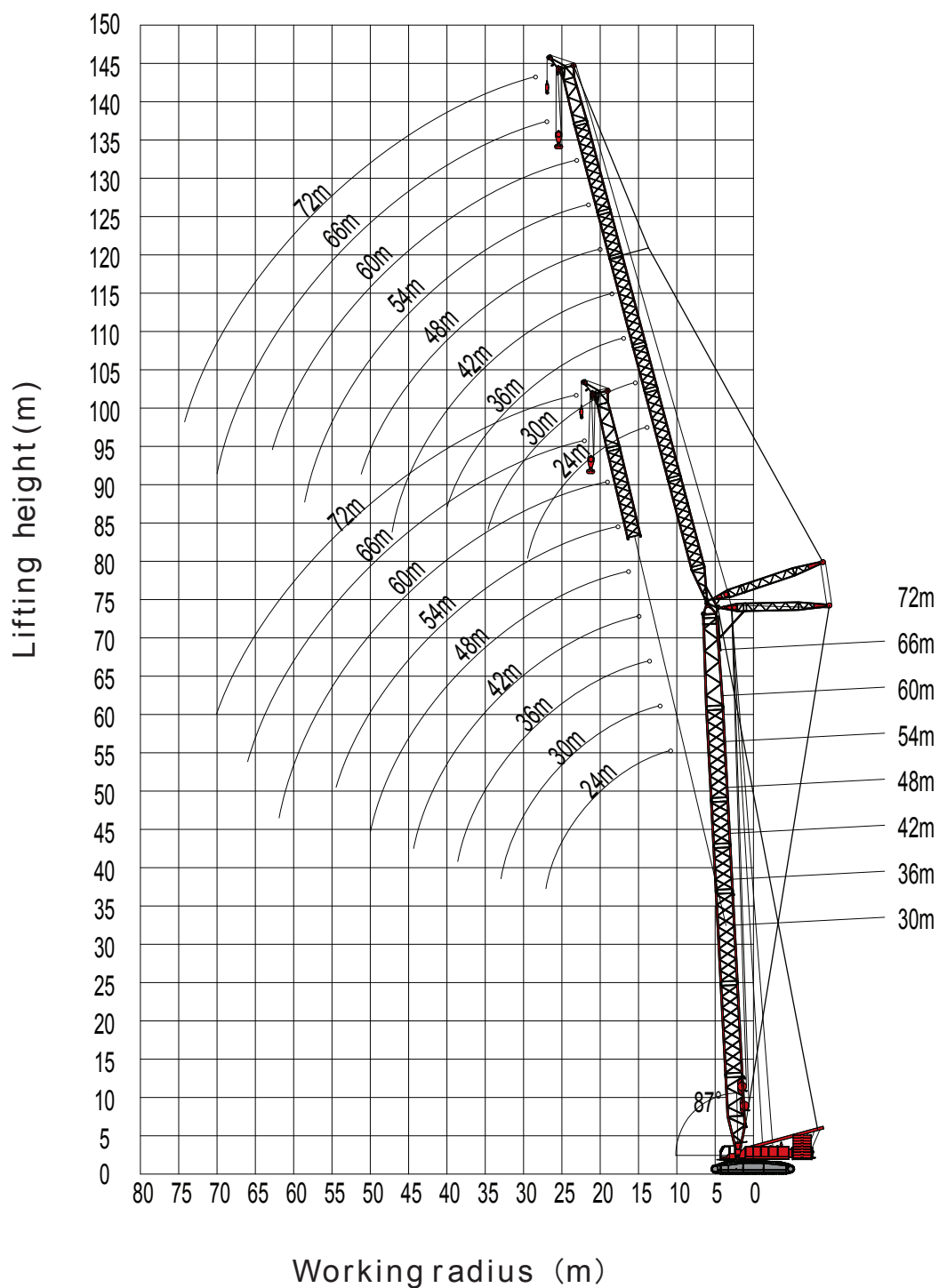
Boom length Working radius	78.0m	84.0m	90.0m	Boom length Working radius	78.0m	84.0m	90.0m
14.0m	118.0	116.0		36.0m	42.1	40.2	38.4
15.0m	117.0	116.0	105.0	38.0m	38.3	36.5	34.7
16.0m	115.9	114.7	105.0	40.0m	34.9	33.2	31.4
17.0m	114.8	113.3	105.0	42.0m	31.9	30.2	28.4
18.0m	113.5	112.0	105.0	44.0m	29.2	27.5	25.8
19.0m	108.0	107.0	101.3	46.0m	26.8	25.1	23.3
20.0m	104.2	101.7	99.2	48.0m	24.5	22.8	21.1
21.0m	97.1	94.7	92.2	50.0m	22.5	20.8	19.1
22.0m	90.7	88.5	86.0	52.0m	20.6	18.9	17.3
23.0m	85.0	82.7	80.4	54.0m	18.9	17.2	15.6
24.0m	79.8	77.6	75.3	56.0m	17.3	15.6	14
25.0m	75.1	72.9	70.7	58.0m	15.8	14.2	12.5
26.0m	70.7	68.6	66.5	60.0m	14.4	12.8	11.2
27.0m	66.8	64.7	62.6	62.0m	13.1	11.5	9.9
28.0m	63.2	61.1	59.1	64.0m	11.9	10.4	8.8
29.0m	59.8	57.8	55.8	66.0m	10.8	9.2	
30.0m	56.7	54.7	52.7	68.0m	9.8	8.2	
32.0m	51.1	49.2	47.3	70.0m	8.8		
34.0m	46.3	44.4	42.5				

Standards:EN13000



Working Range HT

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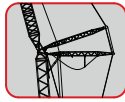


Rated Lifting Capacity Load Chart HT

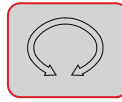


85° 75° 65°

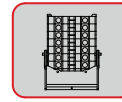
30m-72m



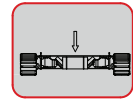
24m-72m



360°



160t



40t

Unit:t

Boom length	30.0m											
Jib length	24.0m			36.0m			48.0m			60.0m		
Boom elevation	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
14.0m	167.5											
16.0m	142.1											
18.0m	121.6			117.7								
20.0m	105.5			103.7								
22.0m	93.0			91.6			88.5					
24.0m	82.9	77.1		81.6			79.7					
26.0m	74.6	69.4		73.4			72.1		68.9			
28.0m		63.0		66.6			65.3		62.9			
30.0m		57.5		60.8	55.9		59.5		57.8		54.7	
34.0m			45.1	51.4	47.2		50.2		48.9		46.6	
38.0m				40.6			43.1	39.1	41.8		40.3	
42.0m					32.1		37.5	33.9	36.2	32.4	34.9	
46.0m					28.2		32.9	29.7	31.7	28.2	30.4	26.7
50.0m								26.2	27.9	24.7	26.6	23.3
54.0m								20.6	24.7	21.8	23.4	20.4
58.0m										19.3	20.7	17.9
62.0m										17.2	18.4	15.8
66.0m										13.1	16.4	13.9
70.0m											12.3	10.0
74.0m												8.7
78.0m												7.5

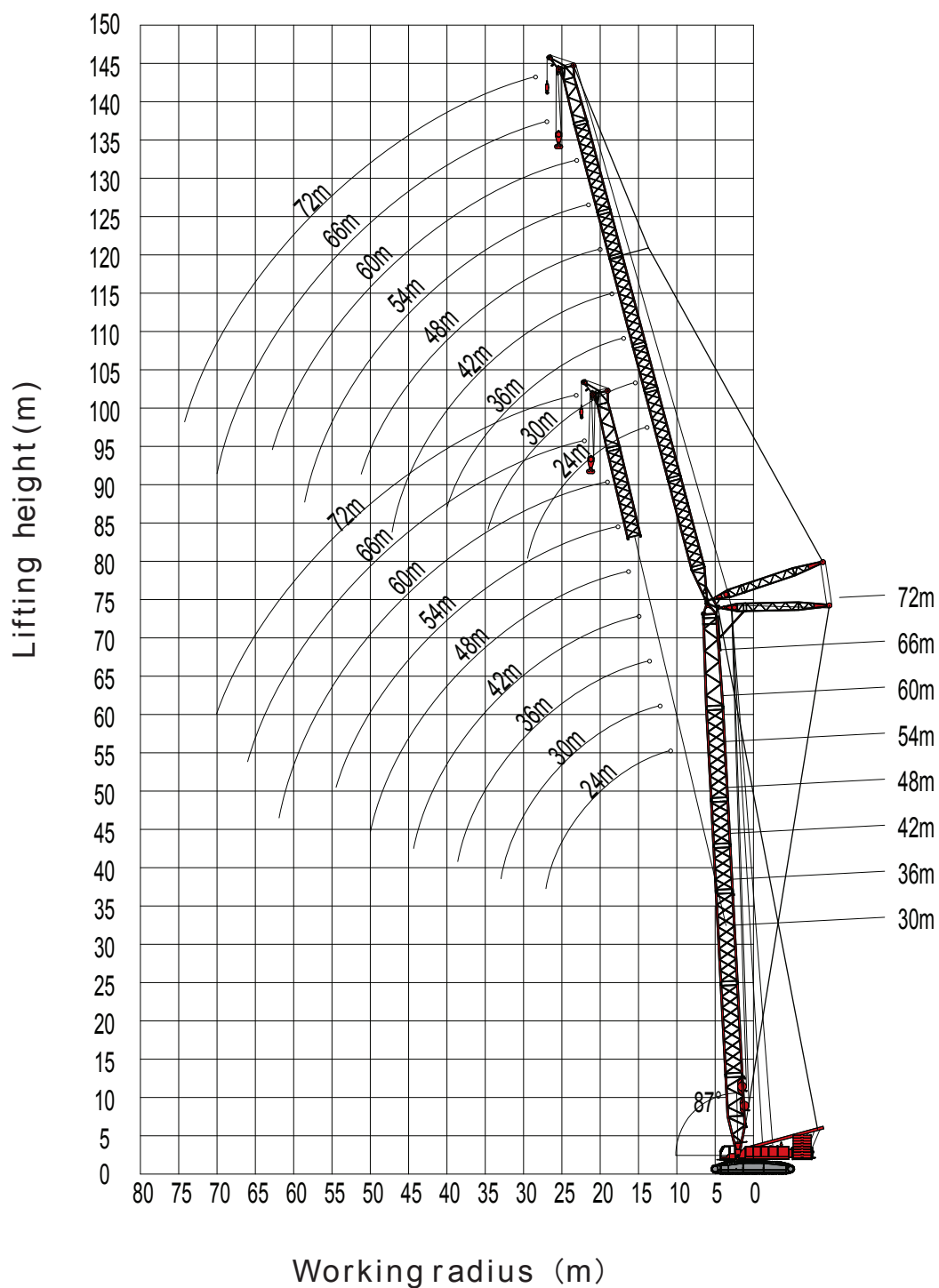
Unit:t

Boom length	36.0m											
Jib length	24.0m			36.0m			48.0m			60.0m		
Boom elevation	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
16.0m	138.6											
18.0m	120.3											
20.0m	104.8			101.3								
22.0m	92.4			90.5								
24.0m	82.4			81.0			77.8					
26.0m	74.2	67.4		72.9			70.7		67.1			
28.0m		61.1		66.1			64.7		61.3			
30.0m		55.8		60.3			59.0		56.3		48.2	
34.0m			42.6	51.0	45.6		49.8		48.2		45.3	
38.0m			36.6		39.2		42.7	37.6	41.4		38.2	
42.0m					34.1	30.0	37.1	32.6	35.8	31.0	33.2	
46.0m						26.2	32.6	28.5	31.3	26.9	29.0	
50.0m								25.1	27.6	23.6	25.3	22.0
54.0m								18.9	24.4	20.8	22.1	19.3
58.0m								16.7		18.3	19.5	16.9
62.0m										16.3	18.1	14.8
66.0m											11.6	13.0
70.0m											10.2	11.4
74.0m												10.0
78.0m												7.4
												6.2

Standards:EN13000



Working Range HT



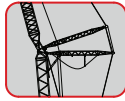


Rated Lifting Capacity Load Chart HT

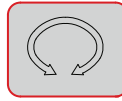


85° 75° 65°

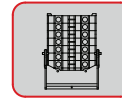
30m-72m



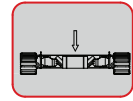
24m-72m



360°



160t



40t

Unit:t

Boom length	42.0m											
Jib length	24.0m			36.0m			48.0m			60.0m		
Boom elevation	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
16.0m	135.0											
18.0m	117.4											
20.0m	103.7			98.7								
22.0m	91.7			88.2								
24.0m	81.7			79.6			75.7					
26.0m	73.6	65.3		72.2			68.9					
28.0m		59.3		65.5			63.0		59.6			
30.0m		54.1		59.8			58.0		54.8			
34.0m		45.8		50.6	42.0		49.3		46.9		43.9	
38.0m			34.4		37.8		42.3	36.1	40.7		38.0	
42.0m					32.8		36.7	31.2	35.4		33.2	
46.0m						24.3	32.2	27.3	30.9	25.7	29.2	
50.0m						21.4		24.0	27.2	22.4	25.9	20.7
54.0m								21.2	24.1	19.7	22.8	18.1
58.0m								15.1	21.4	17.4	20.1	15.8
62.0m								13.3		15.3	17.9	13.8
66.0m										10.2	15.8	12.1
70.0m										8.8	10.6	7.2
74.0m											9.2	6.0
78.0m												5.0
82.0m												4.0

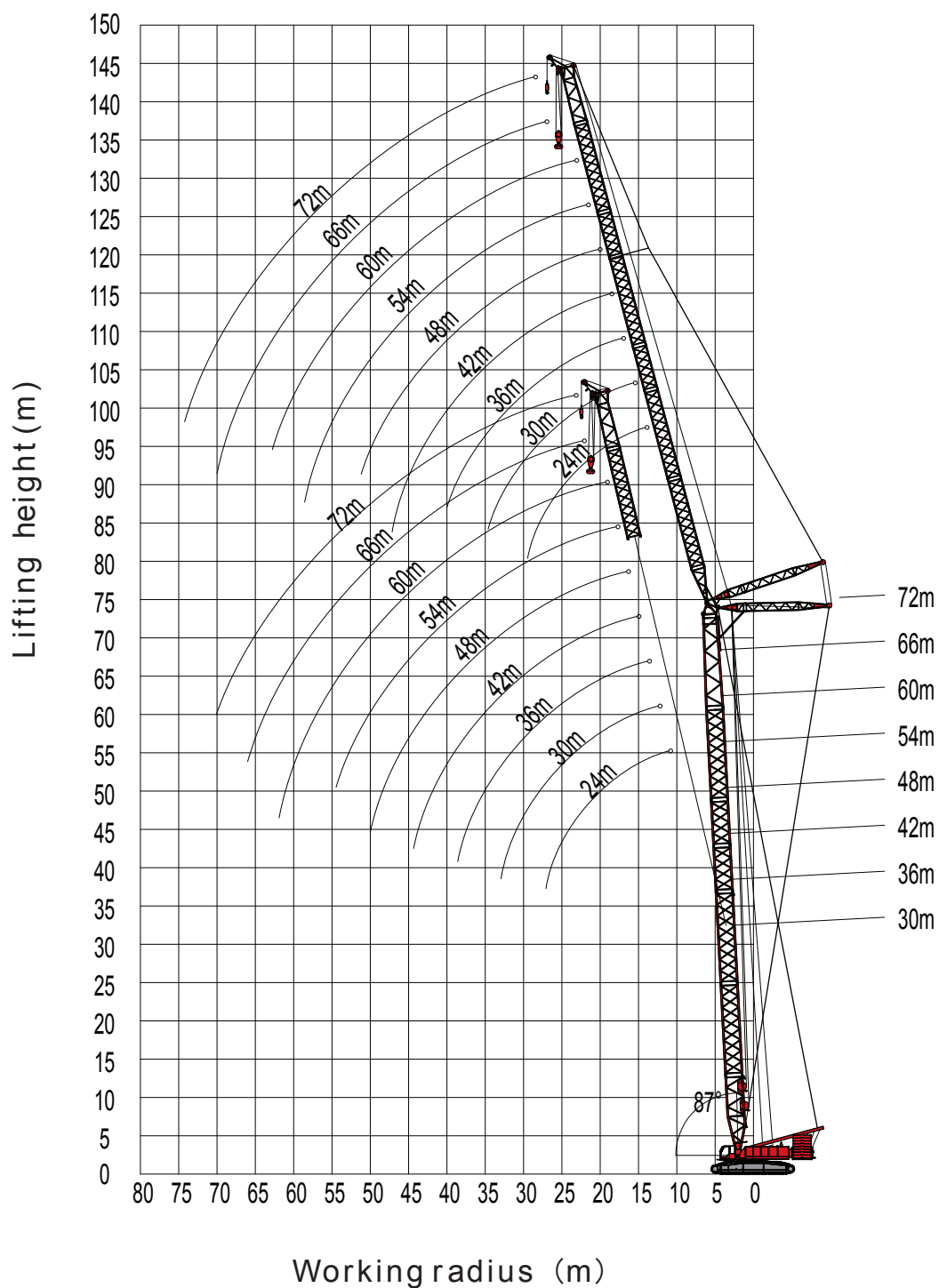
Unit:t

Boom length	48.0m											
Jib length	24.0m			36.0m			48.0m			60.0m		
Boom elevation	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
16.0m	131.3											
18.0m	113.3											
20.0m	98.1			96.0								
22.0m	86.5			84.9								
24.0m	76.1			75.6			73.6					
26.0m	70.0			68.7			67.0					
28.0m		55.1		61.8			61.3		54.9			
30.0m		50.1		56.2			56.0		53.2			
34.0m		43.1		47.1	41.1		46.5		45.5		42.5	
38.0m				40.1	35.1		39.2		38.5		36.7	
42.0m			27.6		30.4		34.6	28.7	33.7		32.1	
46.0m					26.5		29.8	24.9	29.0	24.2	28.1	
50.0m						18.4		21.7	26.1	21.1	25.1	
54.0m						16.1		19.0	22.8	18.5	22.0	16.6
58.0m								12.3	20.1	16.2	19.2	14.6
62.0m								10.7		14.3	17.0	12.7
66.0m										12.6	14.6	11.1
70.0m										7.3	9.6	5.6
74.0m											8.3	4.5
78.0m												3.6
82.0m												2.7

Standards: EN13000



Working Range HT



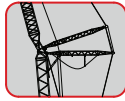


Rated Lifting Capacity Load Chart HT

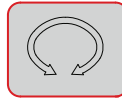


85°.75°.65°

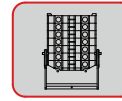
30m-72m



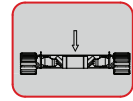
24m-72m



360°



160t



40t

Unit:t

Boom length	54.0m											
Jib length	24.0m			36.0m			48.0m			60.0m		
Boom elevation	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
16.0m	127.5											
18.0m	111.2											
20.0m	98.4			93.3								
22.0m	88.2			83.5								
24.0m	79.8			75.5			71.5					
26.0m	72.3			68.8			65.0					
28.0m	65.6			63.1			59.5			48.6		
30.0m		50.2		58.2			54.8			47.5		
34.0m		42.5		49.5			47.1			44.1		34.0
38.0m				42.6	34.6		41.1			38.3		32.4
42.0m			25.5		30.0		35.9	28.2		33.6		30.9
46.0m			22.2		26.2		31.4	24.5		29.8		27.2
50.0m						17.5		21.5		26.5	19.6	24.1
54.0m						15.3		18.9		23.4	17.3	21.5
58.0m								16.7	11.6	20.8	15.2	19.3
62.0m									10.1		13.3	17.2
66.0m									8.7		11.7	15.3
70.0m											7.0	10.1
74.0m											5.8	8.7
78.0m											4.8	7.4
82.0m												3.1
												2.2

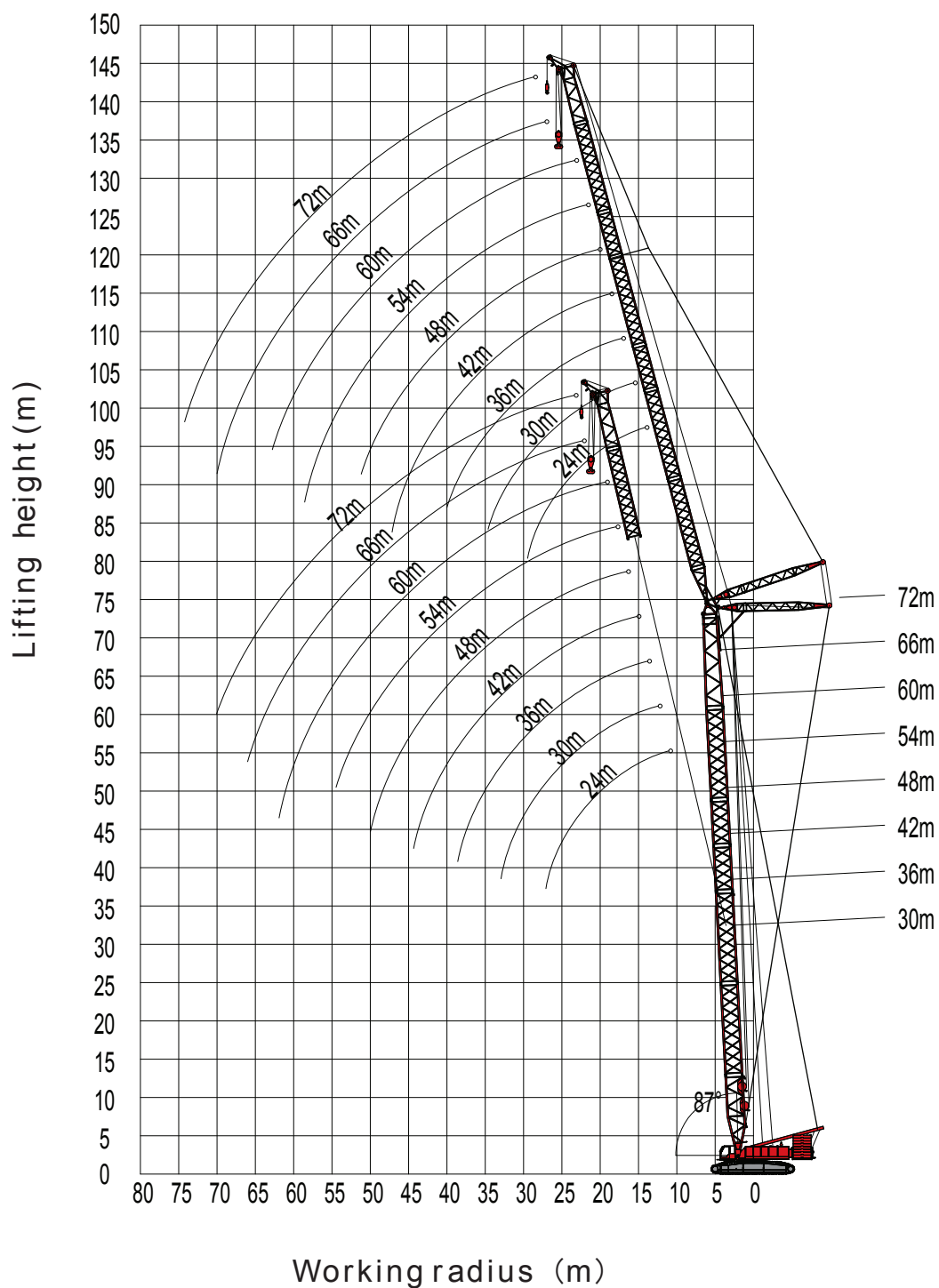
Unit:t

Boom length	60.0m											
Jib length	24.0m			36.0m			48.0m			60.0m		
Boom elevation	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
18.0m	107.9											
20.0m	95.6											
22.0m	85.7			81.0								
24.0m	77.7			73.3								
26.0m	70.9			66.8			60.0					
28.0m	64.9			61.3			57.7					
30.0m				56.5			53.1			41.8		
34.0m		40.5		48.8			45.7			39.6		29.5
38.0m		34.8		42.1	32.7		39.9			37.0		28.1
42.0m					28.3		34.2			32.4		26.7
46.0m			19.9		24.7		30.5	22.9		28.7		25.1
50.0m								20.1		25.7	17.7	23.2
54.0m						13.2		17.6		23.0	15.6	20.6
58.0m						11.5		15.5		20.4	13.8	18.5
62.0m									8.2		12.1	16.6
66.0m									7.0		10.6	14.9
70.0m											9.0	13.0
74.0m											3.1	7.5
78.0m											2.2	6.4
82.0m											1.4	5.4

Standards:EN13000



Working Range HT



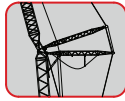


Rated Lifting Capacity Load Chart HT

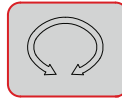


85°.75°.65°

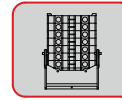
30m-72m



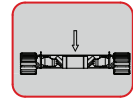
24m-72m



360°



160t



40t

Unit:t

Boom length	66.0m											
Jib length	24.0m			36.0m			48.0m			60.0m		
Boom elevation	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
18.0m	99.6											
20.0m	92.8											
22.0m	83.3			72.5								
24.0m	75.4			70.0								
26.0m	68.9			64.7			53.9					
28.0m	62.4			59.4			52.8					
30.0m				53.2			50.4			37.0		
34.0m		37.4		45.4			44.2			35.0		24.9
38.0m		32.0		40.5	30.4		38.5			32.6		22.7
42.0m					26.6		34.0			30.2		21.5
46.0m					23.2		30.4	19.8		27.7		20.0
50.0m			13.2		20.3		25.9	17.4		24.7	15.6	18.2
54.0m						9.5		15.3		22.2	12.7	16.7
58.0m						8.2		13.3		20.0	11.1	15.8
62.0m						7.0			6.2	9.7		14.3
66.0m									5.1	8.4		12.9
70.0m									4.2	7.1	1.8	12.0
74.0m												5.5
78.0m												4.1
82.0m												3.4
												3.0

Unit:t

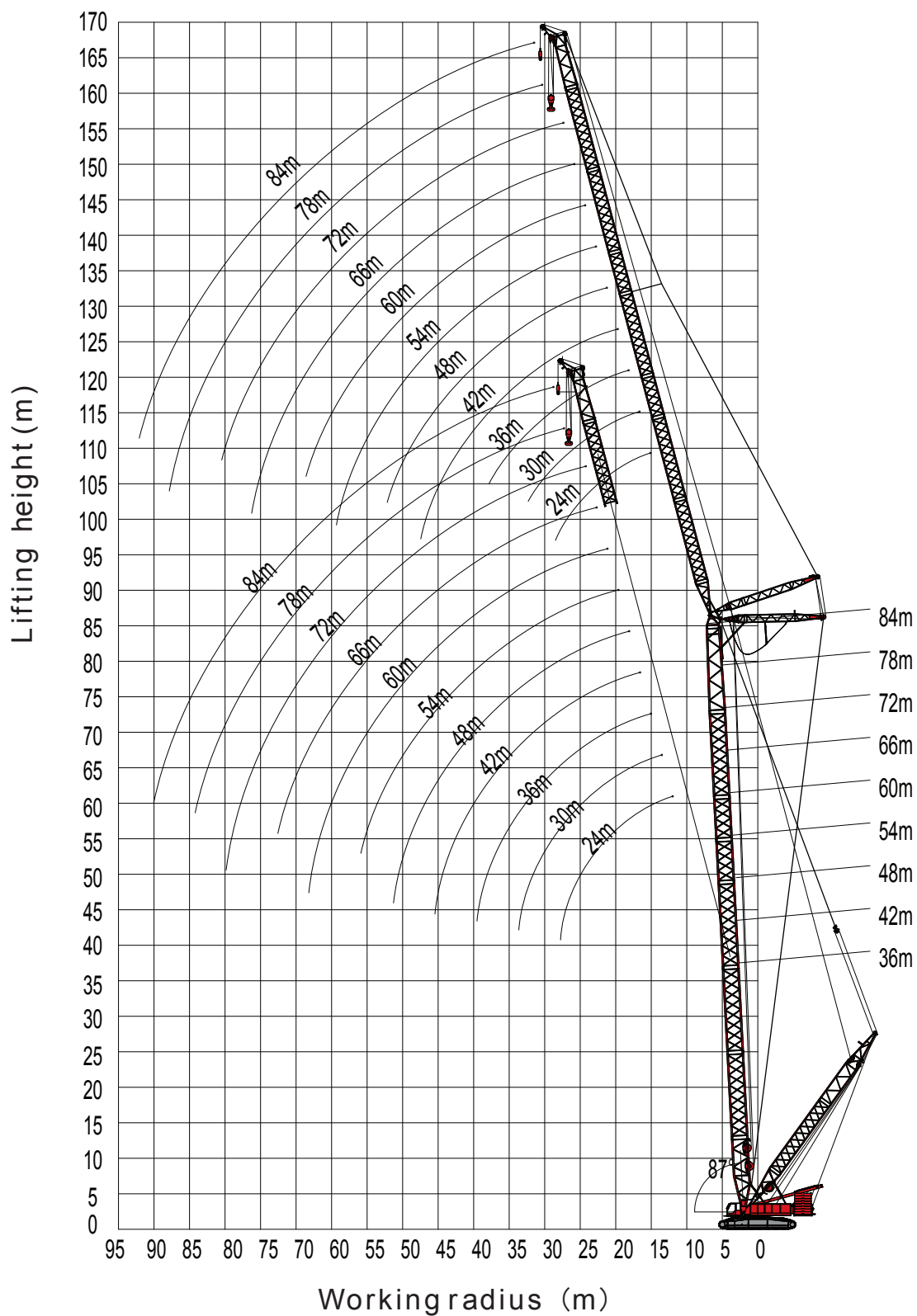
Boom length	72.0m											
Jib length	24.0m			36.0m			48.0m			60.0m		
Boom elevation	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
18.0m	88.5											
20.0m	85.0											
22.0m	81.7			65.9								
24.0m	72.1			63.6								
26.0m	65.7			61.5			47.6					
28.0m	60.4			58.3			46.6					
30.0m				52.8			45.3			31.8		
34.0m		34.2		45.5			42.3			30.1		20.2
38.0m		28.9		38.9			36.8			28.8		18.8
42.0m		25.2			23.3		31.4			26.9		17.7
46.0m					20.5		27.8	17.3		25.0		16.3
50.0m			10.6		17.0		24.8	15.0		23.6		15.5
54.0m			8.7					11.0		21.7	11.7	14.1
58.0m						5.8		9.3		18.6	10.3	13.1
62.0m						4.4		8.3		8.1		12.4
66.0m										7.2		11.8
70.0m										6.0		10.5
74.0m												4.6
78.0m												3.8
82.0m												3.0
												2.3

Standards:EN13000



Working Range HTS

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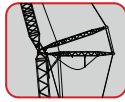


Rated Lifting Capacity Load Chart HTS

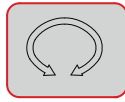


85°

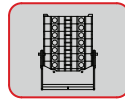
36m-84m



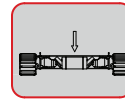
24m-84m



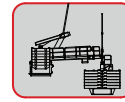
360°



160t



40t


 0t
R=16m

Unit:t

Boom length Jib length	36.0m						48.0m					
	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m
16.0m	110.0						110.5					
18.0m	95.5						93.1					
20.0m	84.3	81.9					80.6	79.7				
22.0m	74.6	71.3					71.3	69.3				
24.0m	66.5	64.3	60.9				63.2	62.4	60.1			
26.0m	59.8	58.5	55.3	54.1			57.6	56.7	53.6			
28.0m		53.1	50.6	49.6				50.9	48.9	47.9		
30.0m		48.4	46.5	43.9	43.8			46.3	44.9	43.1		
34.0m		40.9	39.7	37.2	36.6	35.1		38.9	37.5	35.8	35.2	
38.0m			34.0	32.2	30.8	29.6		33.3	32.1	30.9	29.7	27.7
42.0m			29.5	28.2	26.9	25.2			27.7	27.0	25.3	23.5
46.0m			25.8	24.6	22.7	21.6			24.1	23.8	21.8	20.1
50.0m				21.5	19.6	18.5				20.8	18.8	17.3
54.0m				19.0	17.1	15.9				18.3	16.4	14.9
58.0m					14.8	13.6				16.2	14.0	12.9
62.0m					12.9	11.7					12.2	11.0
66.0m					11.2	10.0					10.5	9.4
70.0m						8.6						7.9
74.0m						7.3						6.9
78.0m						6.1						5.8

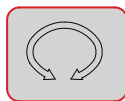


85°

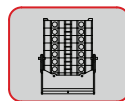
36m-84m



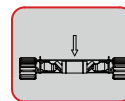
24m-84m



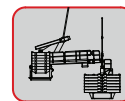
360°



160t



40t


 0t
R=16m

Unit:t

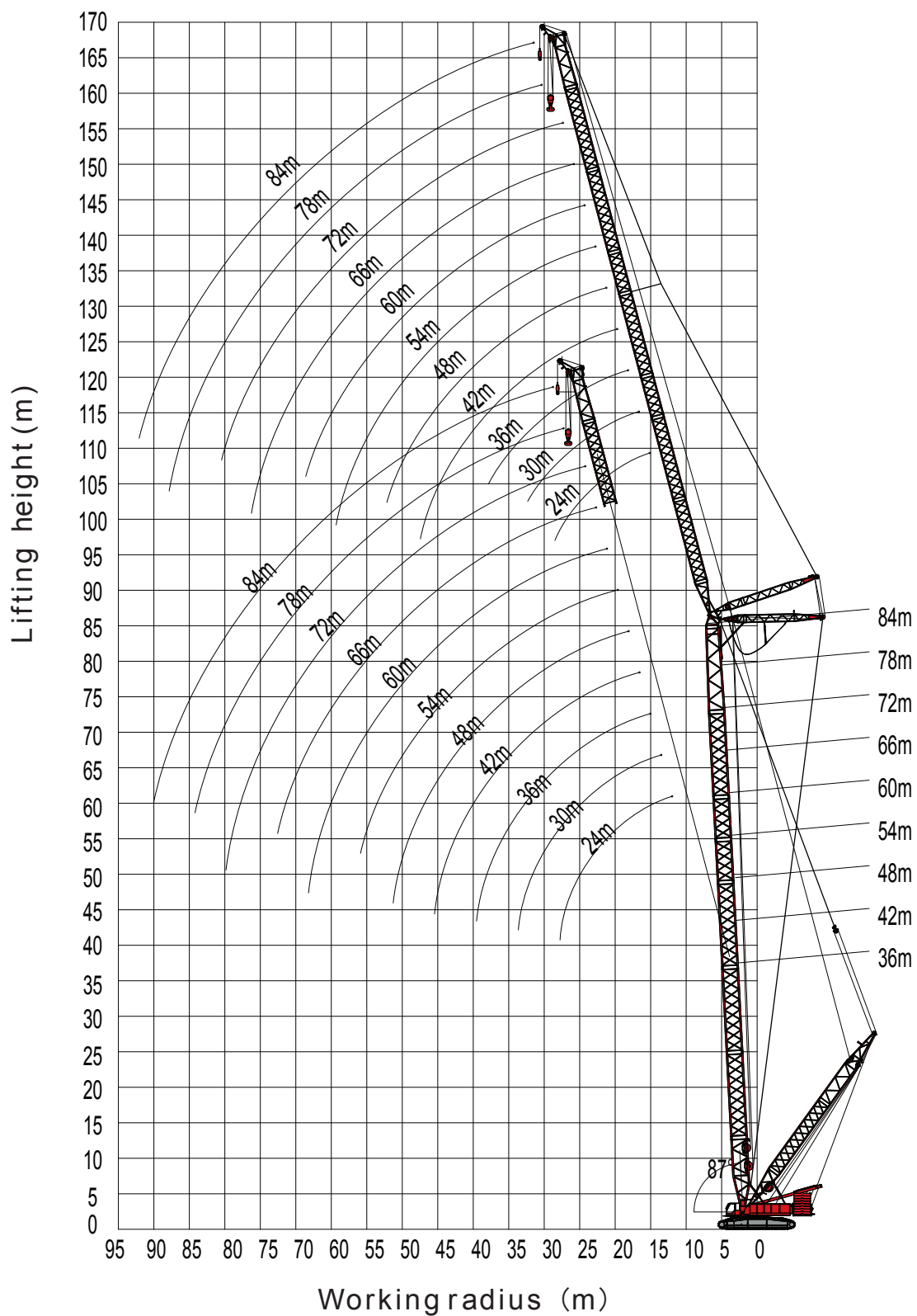
Boom length Jib length	60.0m						72.0m					
	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m
18.0m	90.5						88.5					
20.0m	78.3						76.0					
22.0m	69.1	67.1					66.4	65.2				
24.0m	61.5	59.7					59.1	57.2				
26.0m	54.9	53.4	52.1				53.9	51.2	48.8			
28.0m	49.9	48.9	46.8				48.5	46.0	44.8			
30.0m		45.0	43.0	41.0				42.4	40.3	38.2		
34.0m		37.7	36.0	34.2	32.7			35.5	33.6	31.7	29.8	
38.0m		32.3	31.3	28.7	27.6	24.6		30.0	29.2	27.5	25.0	20.4
42.0m			26.5	25.0	23.6	21.3			25.7	23.1	21.2	18.9
46.0m			23.2	22.1	20.3	18.1			21.8	20.4	18.1	15.9
50.0m				19.6	17.5	15.5			18.5	18.1	15.6	13.5
54.0m				17.5	15.3	13.3				16.1	13.5	11.4
58.0m				15.5	13.2	11.4				14.5	11.7	9.7
62.0m					11.7	9.8					10.1	8.2
66.0m					9.8	8.4					8.8	6.9
70.0m					8.4	7.1					7.6	5.8
74.0m						6.0						4.6
78.0m						4.9						3.9

Standards:EN13000



Working Range HTS

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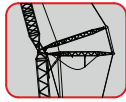


Rated Lifting Capacity Load Chart HTS

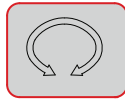


85°

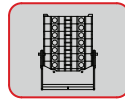
36m-84m



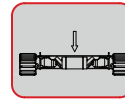
24m-84m



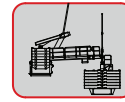
360°



160t



40t

0t
R=16m

Unit:t

Boom length Jib length	78.0m						84.0m					
	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m
18.0m	87.8											
20.0m	74.7						73.0					
22.0m	65.5	64.3					65.1					
24.0m	58.5	56.6					57.4	54.4				
26.0m	52.6	50.8	47.4				51.6	48.8				
28.0m	47.4	45.8	43.5				46.6	44.0	40.6			
30.0m	42.8	41.3	39.2	36.0			42.2	40.6	37.5			
34.0m		34.7	32.8	30.9	25.0			33.3	31.3	27.3		
38.0m		30.4	27.6	25.9	23.7	17.0		29.1	26.3	23.5	19.0	12.8
42.0m			24.3	21.7	20.3	16.4			23.1	20.4	18.0	12.2
46.0m			21.6	19.0	17.2	15.0			20.5	17.9	16.0	11.6
50.0m			18.4	16.9	14.7	12.6			17.4	15.9	13.7	10.9
54.0m				15.0	12.7	10.6				14.1	11.7	9.6
58.0m				13.5	10.9	8.9				12.7	10.0	8.0
62.0m					9.4	7.5				11.4	8.6	6.6
66.0m					8.3	6.2					7.5	5.4
70.0m					7.4	5.1					6.7	4.4
74.0m						4.2						3.5
78.0m						3.4						2.7
82.0m						2.5						

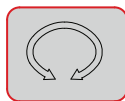


75°

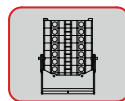
36m-84m



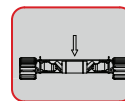
24m-84m



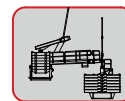
360°



160t



40t

0t
R=16m

Unit:t

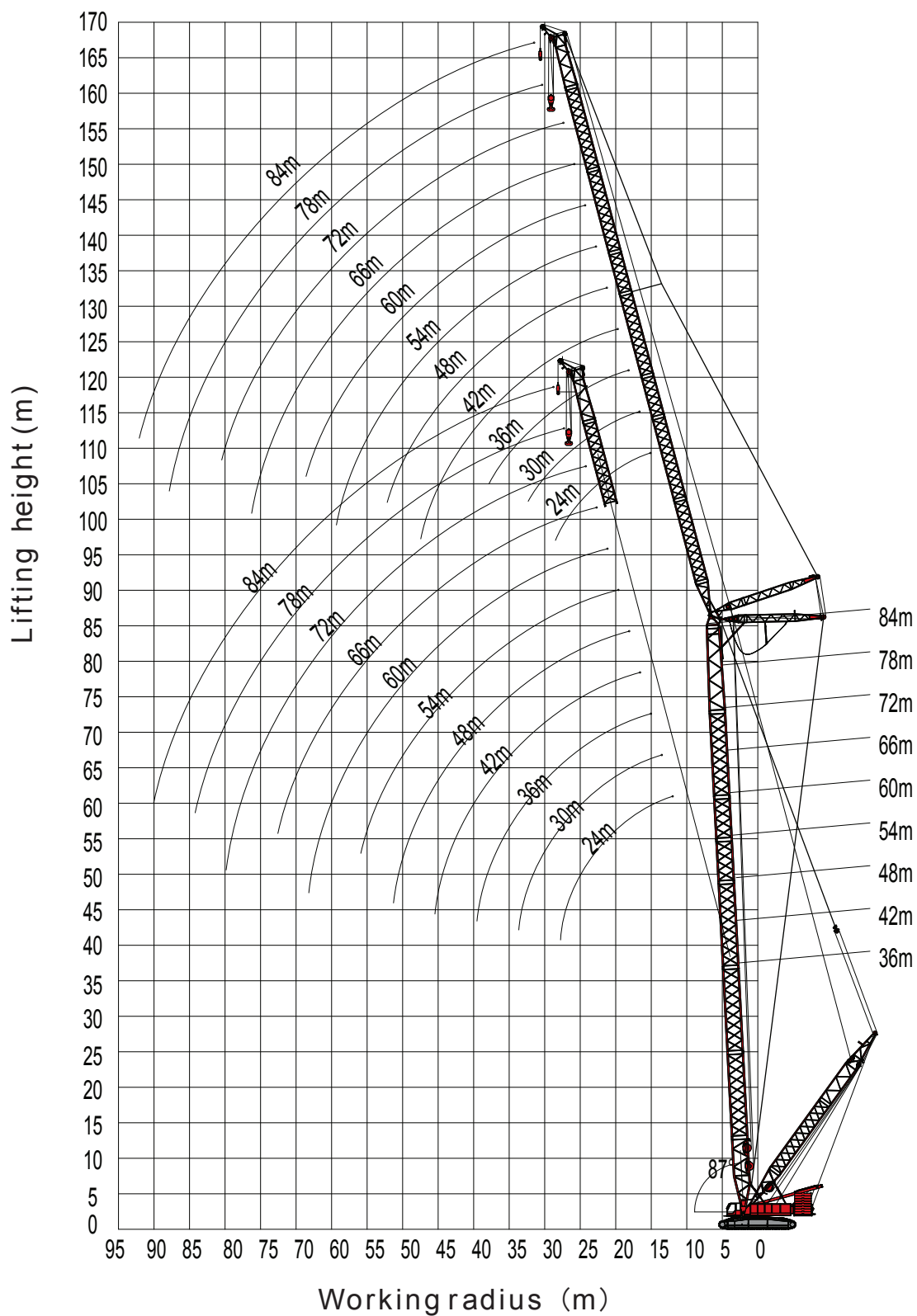
Boom length Jib length	36.0m						48.0m					
	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m
26.0m	53.0											
28.0m	48.1						43.1					
30.0m	42.9						39.2					
34.0m		34.5					32.9	31.0				
38.0m		29.4	27.9					26.4				
42.0m		25.3	23.9	22.4				22.7	20.1			
46.0m			20.7	19.2				19.6	17.1	16.4		
50.0m			18.0	16.6	15.1				14.7	14.1		
54.0m				14.3	12.9	11.3			12.6	12.1	10.1	
58.0m				12.4	11.0	9.7				10.3	8.7	6.7
62.0m				10.8	9.4	8.2				8.8	7.3	5.5
66.0m					8.0	6.8				7.5	6.1	4.4
70.0m					6.7	5.6					4.9	3.5
74.0m					5.6	4.5					3.9	
78.0m						3.5						
82.0m												

Standards:EN13000



Working Range HTS

• • • • •



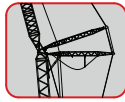


Rated Lifting Capacity Load Chart HTS

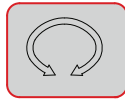


75°

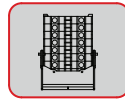
36m-84m



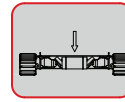
24m-84m



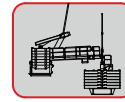
360°



160t



40t



0t
R=16m

Unit:t

Boom length Jib length	60.0m						72.0m					
	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m
34.0m	29.3						24.0					
38.0m	25.0	22.0					20.3					
42.0m		18.6					17.1	15.6				
46.0m		15.9	14.1					12.5	10.8			
50.0m			12.0	10.7				10.5	8.2			
54.0m			10.2	9.2	7.3				6.8	5.3		
58.0m			8.6	7.9	6.1				5.6	4.2		
62.0m				5.7	5.0	2.4			4.5	3.2		
66.0m				4.5	3.6							
70.0m				3.5	2.8							

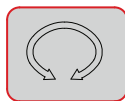


75°

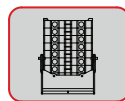
36m-84m



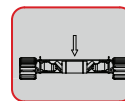
24m-84m



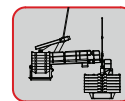
360°



160t



40t



0t
R=16m

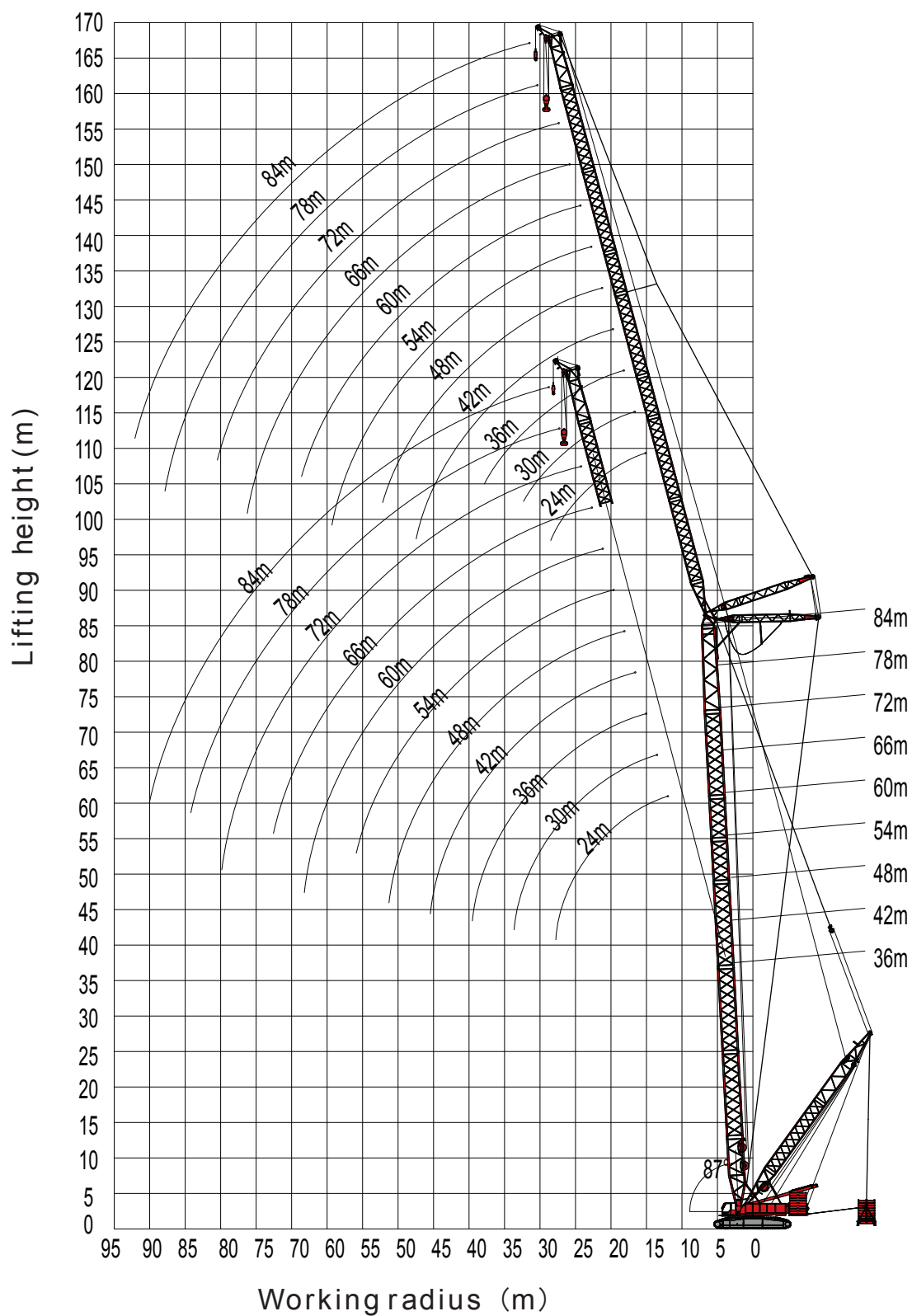
Unit:t

Boom length Jib length	78.0m						84.0m					
	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m
38.0m	19.0						16.3					
42.0m	15.5	13.4					13.2					
46.0m		11.6						9.3				
50.0m		9.1	7.5					8.0	5.3			
54.0m		7.7	6.3	3.7				6.0	4.3			
58.0m			4.3	2.8					2.5			
62.0m			3.5									
66.0m												

Standards:EN13000



Working Range HTSD



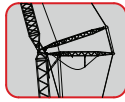


Rated Lifting Capacity Load Chart HTSD

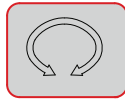


85°

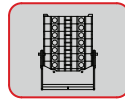
36m-84m



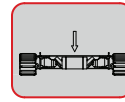
24m-84m



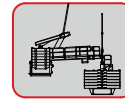
360°



160t



40t

250t
R=16m

Unit:t

Boom length Jib length	36.0m						48.0m					
	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m
16.0m	228.0						201.2					
18.0m	227.9						191.9					
20.0m	217.1	175.0					185.0	145.8				
22.0m	197.4	171.0					176.0	141.1				
24.0m	172.6	163.0	120.0				168.5	136.8	101.9			
26.0m	156.3	156.0	113.7	84.4			155.5	132.7	100.9			
28.0m		142.0	110.3	84.4				128.6	100.0	71.0		
30.0m		132.0	108.9	84.4	63.2			123.4	98.0	71.0		
34.0m		112.0	100.6	81.4	61.2	40.0		107.8	93.0	70.6	52.0	
38.0m			92.5	78.3	60.7	39.0		95.8	88.1	68.1	52.0	36.0
42.0m			79.4	73.9	59.5	38.0			78.5	66.8	51.8	35.0
46.0m			68.4	67.8	57.8	37.3			69.0	64.8	50.8	34.3
50.0m				60.8	55.3	36.8				59.4	49.3	33.8
54.0m				57.7	52.3	36.0				52.6	47.8	33.0
58.0m					47.9	35.0				47.7	45.8	32.3
62.0m					42.2	34.0					42.3	31.8
66.0m					37.4	33.3					37.3	31.0
70.0m						32.3						30.3
74.0m						29.8						29.3
78.0m						26.0						26.8

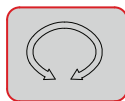


85°

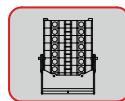
36m-84m



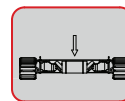
24m-84m



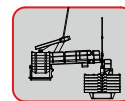
360°



160t



40t

250t
R=16m

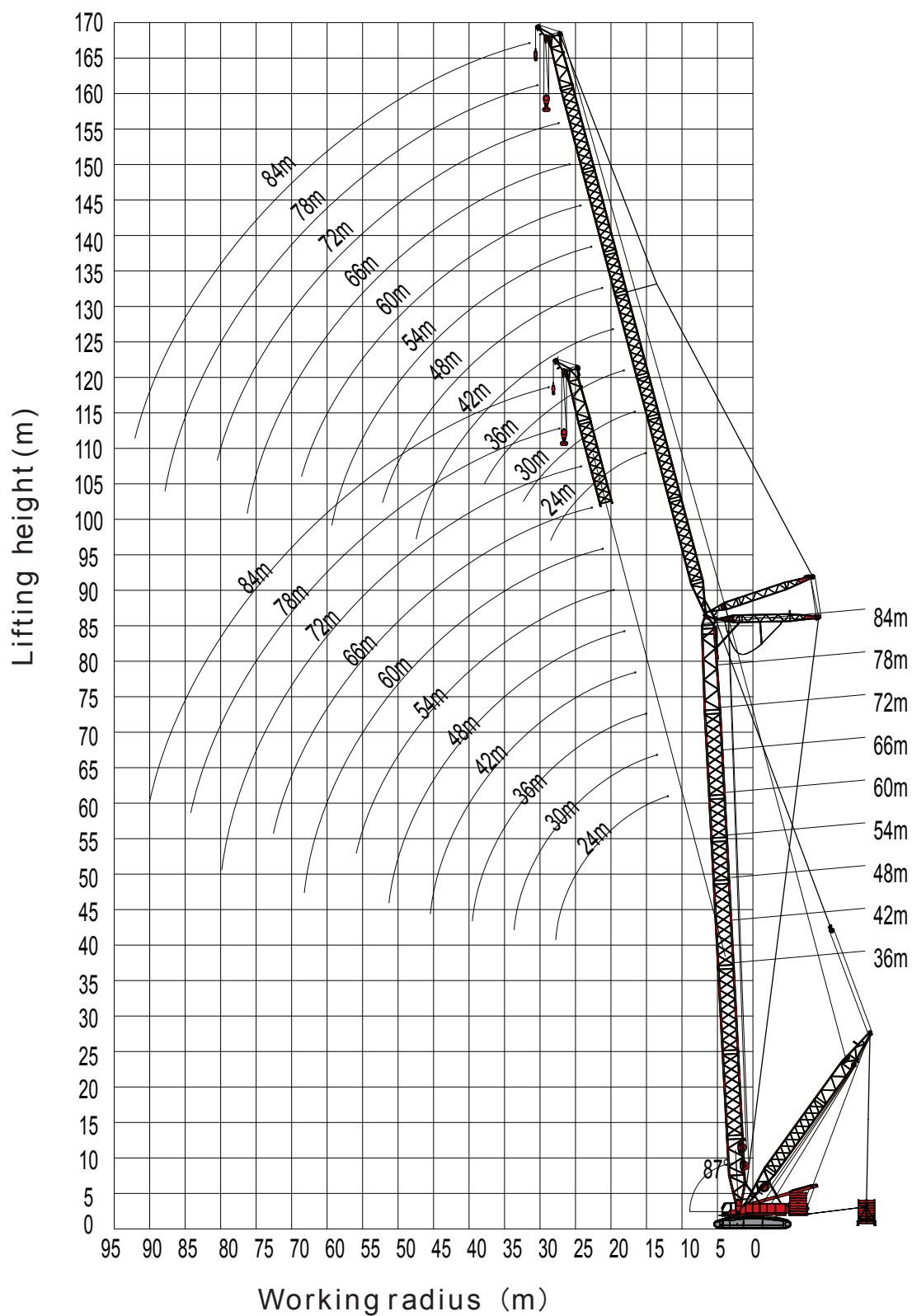
Unit:t

Boom length Jib length	60.0m						72.0m					
	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m
18.0m	150.0						111.8					
20.0m	145.0						108.5					
22.0m	139.0	110.0					104.0	82.6				
24.0m	134.0	107.0					100.8	81.0				
26.0m	129.0	104.0	80.0				96.9	78.8	63.1			
28.0m	126.0	101.0	79.0				96.0	77.0	62.3			
30.0m		99.2	78.0	60.1				74.8	60.1	46.8		
34.0m		93.2	75.0	59.1	45.0			70.6	57.0	45.4	33.0	
38.0m		89.1	71.0	57.0	44.0	30.0		66.8	56.0	45.0	33.0	21.4
42.0m			68.0	55.2	43.8	30.0			53.1	43.0	33.0	21.0
46.0m			64.3	53.6	43.0	29.8			50.6	41.5	32.8	21.0
50.0m				52.3	42.3	29.3			48.3	39.0	32.3	21.0
54.0m				49.8	41.8	28.8				37.0	31.8	20.9
58.0m				46.3	41.0	28.0				36.0	31.0	20.8
62.0m					39.8	27.3					30.0	20.7
66.0m					37.5	26.8					29.0	20.6
70.0m					33.8	26.3					27.5	20.5
74.0m						25.8						20.3
78.0m						25.0						20.0

Standards:EN13000



Working Range HTSD



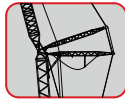


Rated Lifting Capacity Load Chart HTSD

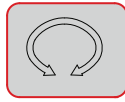


85°

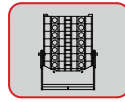
36m-84m



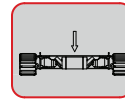
24m-84m



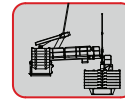
360°



160t



40t



250t
R=16m

Unit:t

Boom length Jib length	78.0m						84.0m					
	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m
18.0m	97.5											
20.0m	94.5						84.0					
22.0m	91.3	72.6					79.5					
24.0m	87.9	71.0					76.7	62.0				
26.0m	85.2	69.1	54.2				74.1	60.0				
28.0m	83.0	67.6	54.0				72.0	58.8	47.0			
30.0m	82.1	65.0	52.0	40.0			70.0	57.0	46.0			
34.0m		62.0	50.0	40.0	28.0			54.0	44.0	32.0		
38.0m		58.0	48.1	40.0	28.0	17.7		51.0	42.0	32.0	21.0	14.0
42.0m			45.5	38.0	27.3	17.2			40.0	31.0	21.0	13.2
46.0m			43.2	35.5	27.0	17.0			38.0	29.8	21.0	12.4
50.0m			41.1	33.5	26.8	17.0			36.0	28.3	21.0	12.0
54.0m				31.8	26.3	16.9				27.0	20.8	12.0
58.0m				30.3	25.8	16.8				25.5	20.3	12.0
62.0m					25.0	16.7				23.3	19.8	11.8
66.0m					24.0	16.6					19.0	11.6
70.0m					22.8	16.5					17.8	11.4
74.0m						16.3						11.3
78.0m						16.0						11.2
82.0m						15.8						11.1

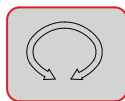


75°

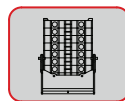
36m-84m



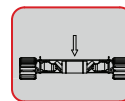
24m-84m



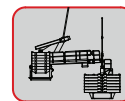
360°



160t



40t



250t
R=16m

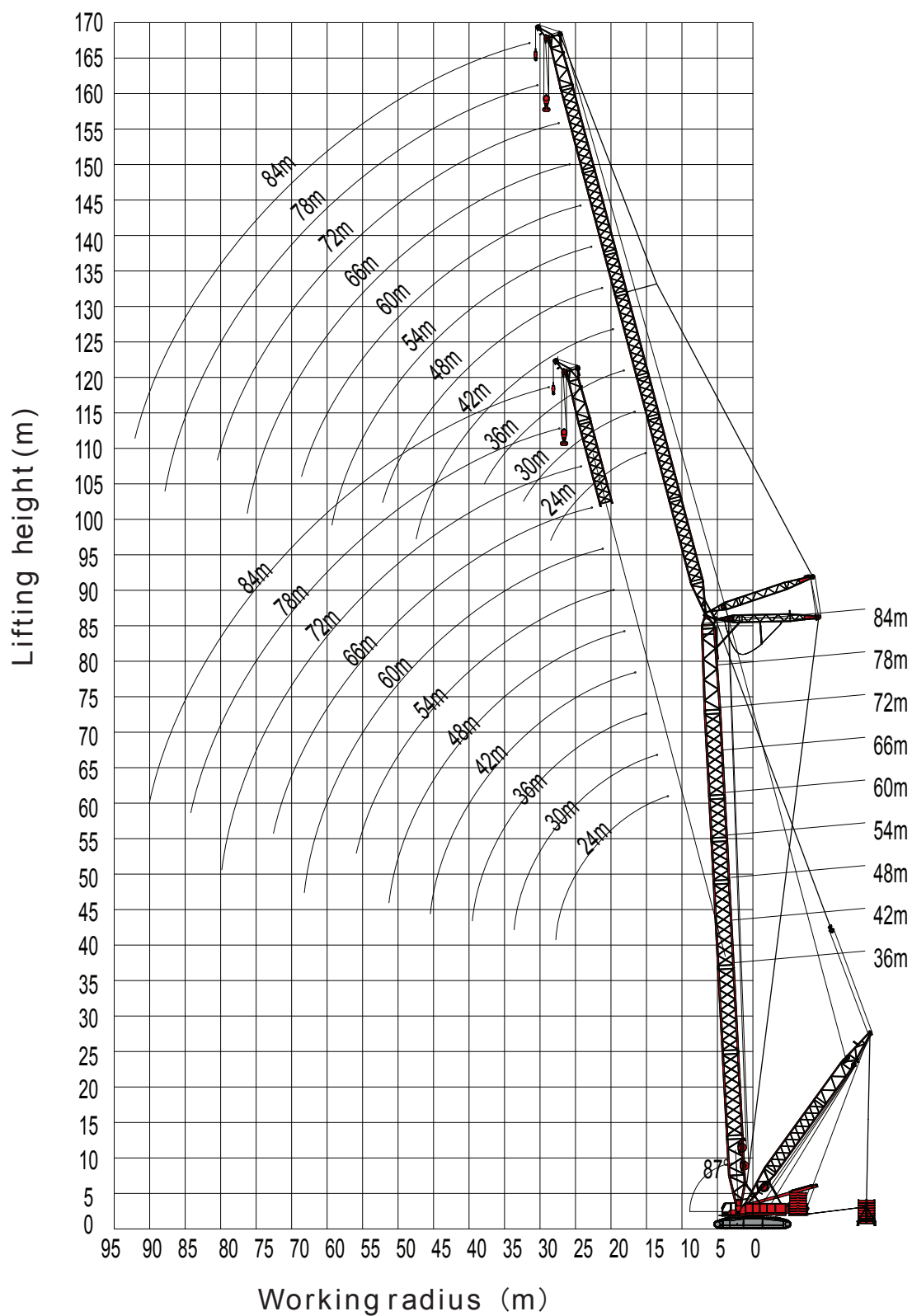
Unit:t

Boom length Jib length	36.0m						48.0m					
	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m
26.0m	203.8											
28.0m	195.6						188.5					
30.0m	178.0						179.3					
34.0m		140.5					159.0	133.1				
38.0m		122.6	98.1					126.6				
42.0m		104.6	88.2	80.0				113.9	87.3			
46.0m			79.1	76.0				101.0	81.5	70.0		
50.0m			70.8	68.6	56.0				74.7	66.5		
54.0m				63.4	55.5	34.0			68.5	62.0	47.0	
58.0m				59.3	53.5	33.5				60.3	46.5	31.0
62.0m				54.8	50.5	32.5				57.4	46.0	30.8
66.0m					46.5	32.0				53.1	45.0	30.6
70.0m					42.5	31.5					42.9	30.0
74.0m					39.5	30.5					40.6	29.8
78.0m						29.0						29.6
82.0m						27.1						29.4
86.0m												28.3

Standards:EN13000

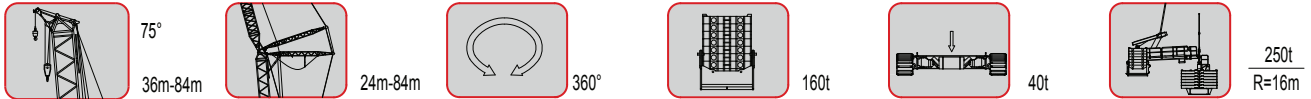


Working Range HTSD





Rated Lifting Capacity Load Chart HTSD



Unit:t

Boom length Jib length	60.0m						72.0m					
	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m
34.0m	133.4						105.3					
38.0m	124.2	101.2					98.5					
42.0m		96.9					89.8	77.3				
46.0m		91.3	73.6					72.3	60.0			
50.0m			71.1	58.0				67.6	59.1			
54.0m			68.1	56.5	38.0				55.5	43.9		
58.0m			63.3	52.5	38.0				51.4	43.2	31.0	
62.0m				48.6	38.0	26.0			47.4	42.1	30.5	
66.0m				46.2	38.0	26.0				40.5	30.0	21.0
70.0m				44.2	37.8	26.0				38.6	29.9	21.0
74.0m					36.5	26.0					29.8	20.8
78.0m					34.3	26.0					29.0	20.3
82.0m						25.8					28.0	19.8
86.0m						25.3						19.3
90.0m						24.8						18.8
94.0m												18.3



Unit:t

Boom length Jib length	78.0m						84.0m					
	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m	24.0m	36.0m	48.0m	60.0m	72.0m	84.0m
38.0m	89.0						75.3					
42.0m	79.2	67.3					71.5					
46.0m		64.8						55.0				
50.0m		61.3	50.3					52.5	43.7			
54.0m		56.5	49.0	37.7				49.0	41.8			
58.0m			46.5	37.4					39.8	31.5		
62.0m			43.7	35.7	25.0				37.0	30.2	21.0	
66.0m				34.5	25.0	16.0			34.5	29.0	21.0	12.1
70.0m				32.8	25.0	16.0				27.3	21.0	12.0
74.0m				31.4	25.0	16.0				25.8	20.8	11.9
78.0m					24.8	16.0					20.0	11.8
82.0m					24.0	16.0					19.0	11.7
86.0m						16.0					18.0	11.6
90.0m						15.8						11.5
94.0m						15.0						11.4

Standards:EN13000



Safety Devices



Anti two-block and boom backstop prevention device



Anti two-block and boom backstop prevention device are used for preventing crane damage or turnover due to overhoist.

Anti two-block device



When the hook lifts up to the maximum height, it will touch the anti two-block device. the hoist operation is being dis-engaged immediately, to prevent the hook touching the boom top. The control relay initiates a buzzer alarm and indicator will light up. So the rise of the holl will be stooped automatically and the hool must be returned to the safe position again.

Book backstop prevention device



The boom upper limit display is measured by moment limiter angle sensor, the control signal is measured and sent out by the moment limiter and boom backstop prevention at the same time, who is the first and who is effective.

a. Boom lifting working condition

when boom $\geq$ upper limit angle 85° , the moment limiter alarms continuously with sound and light, output limit signal to PLC. At the same time, the boom 85° upper limit switch initates, output limit signal to PLC; PLC output controls the signal, and control the main derricking winch to stop operation, lock the boom and stop boom rising.

b. Luffing jib working condition

when luffing boom $\geq$ upper limit angle 85° , the moment limiter alarms continuously with sound and light, output limit signal to PLC. At the same time, the boom 85° upper limit switch initates, output limit signal to PLC; PLC output controls the signal, and control the main derricking winch to stop operation, lock the luffing boom and stop boom rising.

when luffing boom = upper limit angle 70° , the moment limiter alarms continuously with sound and light, output limit signal to PLC. At the same time, the boom 70° upper limit switch initates, output limit signal to PLC; PLC output controls the signal, and control the luffing derricking winch to stop operation, lock the luffing jib and stop boom rising.

c. SL working condition

when boom $\geq$ upper limit angle 85° , the moment limiter alarms continuously with sound and light, output limit signal to PLC. At the same time, the boom 85° upper limit switch initates, output limit signal to PLC; PLC output controls the signal, and control the main derricking winch and SL derricking winch to stop operation, lock the boom and stop boom rising.

when SL mast $\geq$ upper limit angle 128° , the moment limiter alarms continuously with sound and light, output limit signal to PLC. At the same time, the boom 128° upper limit switch initates, output limit signal to PLC; PLC output controls the signal, and control the main derricking winch to stop operation, lock the SL mast and stop boom rising.

Moment limiter



The limiter can monitor the current load of all working attachments, the data of which can be set by buttons.

0% of rated load moment $\leq$ load moment $< 90\%$ of rated load moment, and the moment limiter proportion bar shows green, the moment limiter alarms with no sound.

90% of rated load moment $\leq$ load moment $< 100\%$ of rated load moment, and the moment limiter proportion bar shows yellow pre-alarm, at the same time, an intermittent audible alarm sounds.

100% of rated load moment $\leq$ load moment $< 105\%$ of rated load moment, and the moment limiter proportion bar shows red alarm, at the same time, a continuous audible alarm sounds.

Load moment $\geq 105\%$ of rated load moment, and the moment proportion bar shows red alarm, a continuous alarm sounds, at the same time transmits the signal. The hook (1,2) stops rising, and boom, luffing jib stops derricking.



Safety Devices



Load indicator light



For the jobsite personnel's easy understanding of the mechanical load situation, the crane is provided with a tricolor warning light. At the same time, the operator's cab is also equipped with interphone for communication between operator and directing personnel.

Anemoscope



Anemoscope-mounted on the top of boom to measure the wind speed, which is shown in the moment limiter display.

Brake



Brake: this crane is equipped with main, auxiliary drum brake; main, auxiliary derricking drum brake, slewing brake.

Force sensor, angle sensor



The force sensor is mounted on the boom, luffing jib, SL boom pull tube, which is used for measuring the force, calculating and showing the load weight by the moment limiter. The angle sensor is mounted on the boom, luffing jib, SL boom foot and boom, luffing jib head, which is used for measuring the angle of boom, luffing jib, SL boom and the concavity of boom.

Gradiometer



The gradiometer is used for measuring the angle between crane body and level surface to ensure the machine can work in a leveled position as to meet the requirements.

Rope overfeeding prevention system (last three-layers protection)



The last three-layers devices are mounted on the main, auxiliary drum, to prevent the drum from running out of rope.

Slewing, traveling alarm



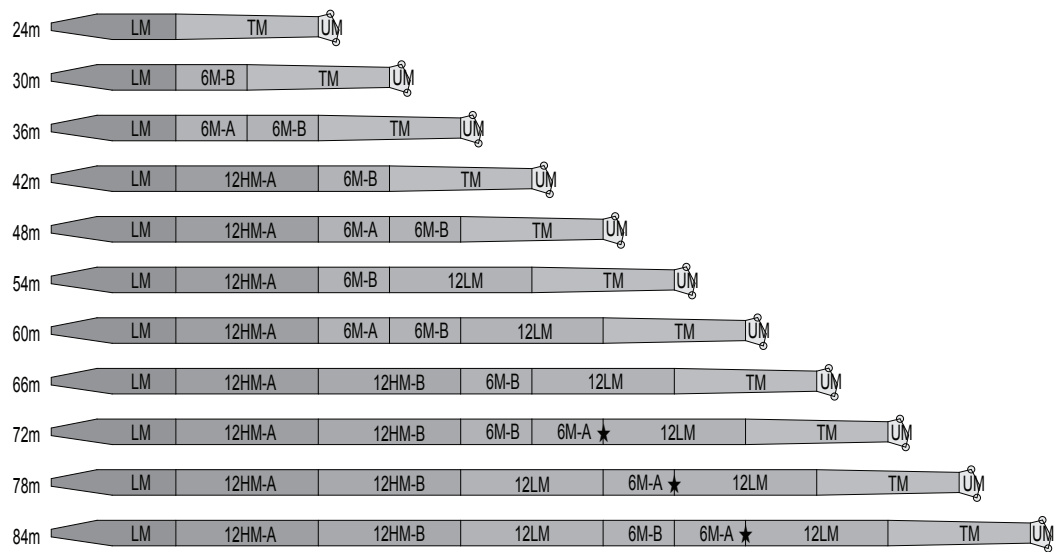
The buzzer will alarm.



Boom Combinations

• • • • • • • • • •

H



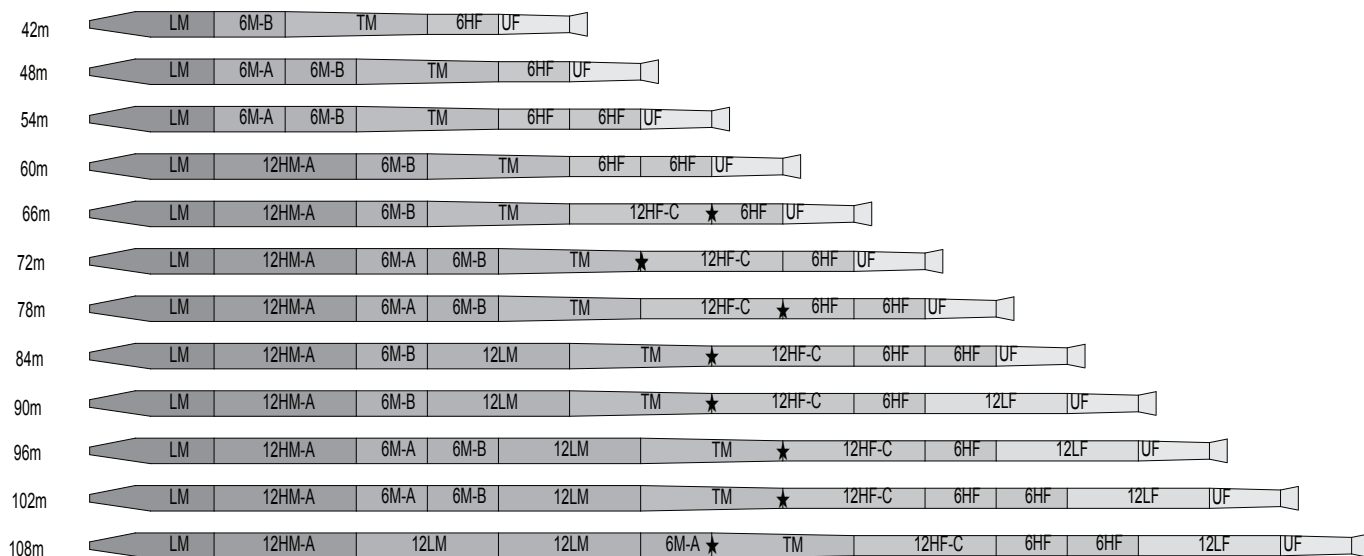
Note: ★ is the position for waist rope

	1.5m	Boom head
TM	12 m	Boom 12m tapered section
12LM	12 m	Boom 12m insert
6M-A	6 m	Boom 6m insert
6M-B	6 m	Boom 6m insert
12HM-B	12 m	Boom 12m insert
12HM-A	12 m	Boom 12m insert
LM	10.5m	Boom foot



Boom Combinations

H/L



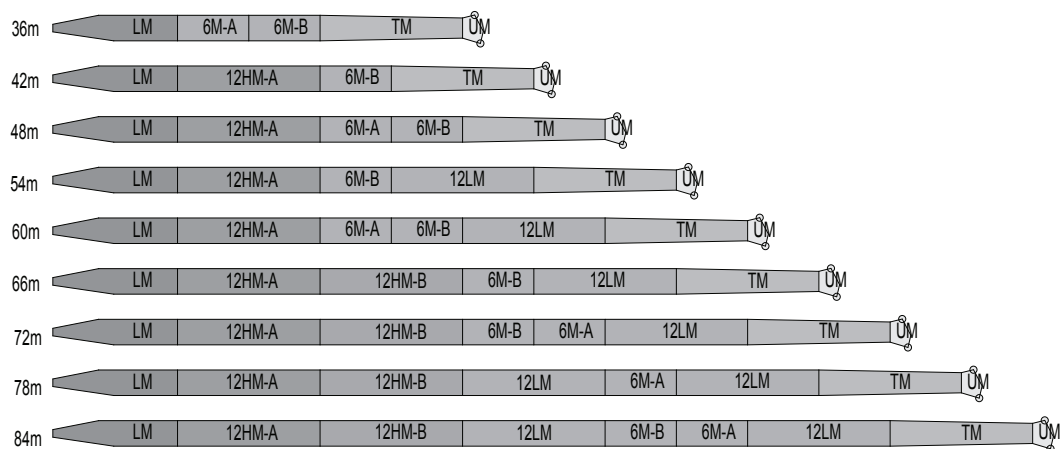
Note: ★ is the position for waist rope

UF	7.5 m	Jib head
12LF	12 m	Luffing jib 12m insert
6HF	6 m	Luffing jib 6m insert
12HF-C	12 m	Luffing jib 12m insert
TM	12 m	Boom 12m tapered section
12LM	12 m	Boom 12m insert
6M-A	6 m	Boom 6m insert
6M-B	6 m	Boom 6m insert
12HM-B	12 m	Boom 12m insert
12HM-A	12 m	Boom 12m insert
LM	10.5m	Boom foot



Boom Combinations

HSD



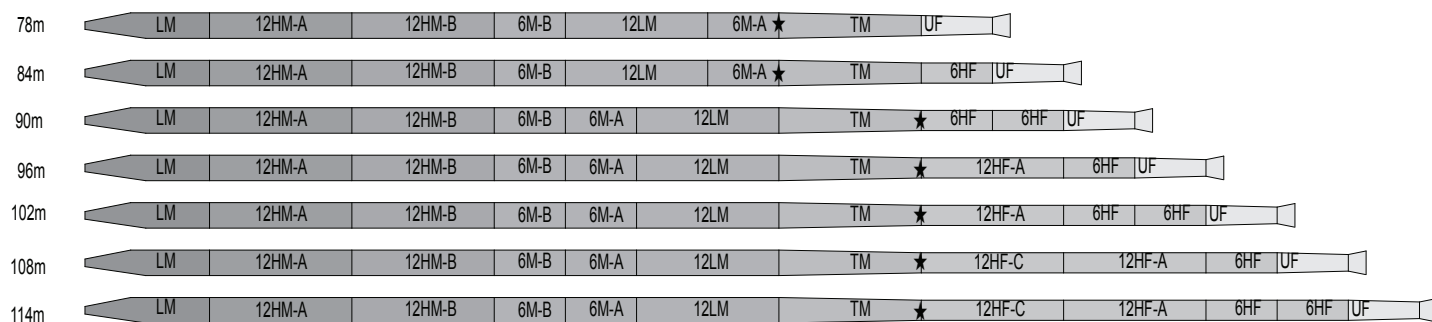
Note: ★ is the position for waist rope

	1.5m	Boom head
TM	12 m	Boom 12m tapered section
12LM	12 m	Boom 12m insert
6M-A	6 m	Boom 6m insert
6M-B	6 m	Boom 6m insert
12HM-B	12 m	Boom 12m insert
12HM-A	12 m	Boom 12m insert
LM	10.5m	Boom foot



Boom Combinations

HSD/L



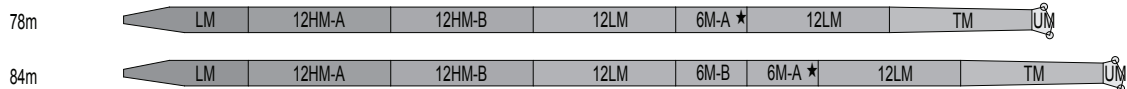
Note: ★ is the position for waist rope

UF	7.5 m	Jib head
6HF	6 m	Luffing jib 6m insert
12HF-C	12 m	Luffing jib 12m insert
12HF-A	12 m	Luffing jib 12m insert
TM	12 m	Boom 12m tapered section
12LM	12 m	Boom 12m insert
6M-A	6 m	Boom 6m insert
6M-B	6 m	Boom 6m insert
12HM-B	12 m	Boom 12m insert
12HM-A	12 m	Boom 12m insert
LM	10.5m	Boom foot

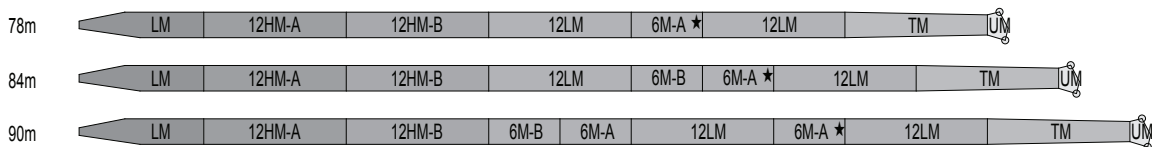


Boom Combinations

HF



HFS



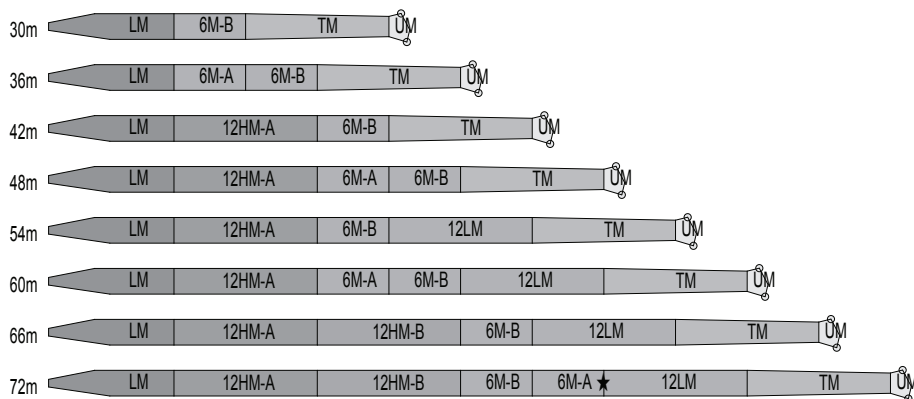
Note: ★ is the position for waist rope

	1.5m	Boom head
TM	12 m	Boom 12m tapered section
12LM	12 m	Boom 12m insert
6M-A	6 m	Boom 6m insert
6M-B	6 m	Boom 6m insert
12HM-B	12 m	Boom 12m insert
12HM-A	12 m	Boom 12m insert
LM	10.5m	Boom foot



Boom Combinations

HT-Boom



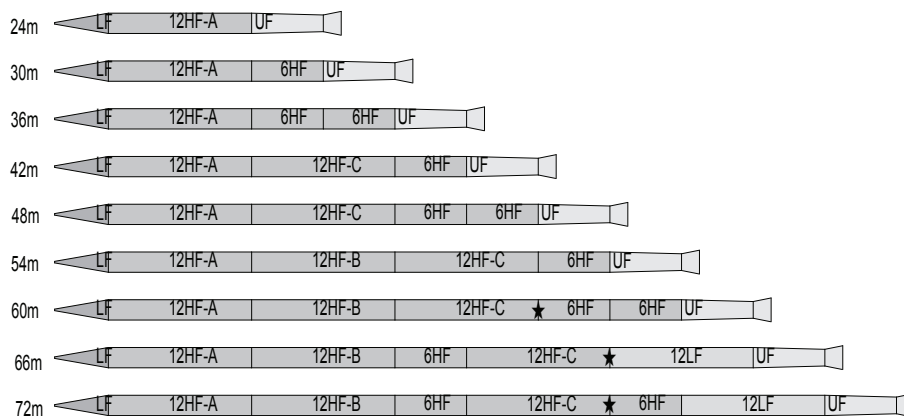
Note: ★ is the position for waist rope

	1.5m	Boom head
TM	12 m	Boom 12m tapered section
12LM	12 m	Boom 12m insert
6M-A	6 m	Boom 6m insert
6M-B	6 m	Boom 6m insert
12HM-B	12 m	Boom 12m insert
12HM-A	12 m	Boom 12m insert
LM	10.5m	Boom foot

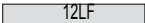
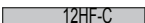
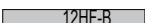
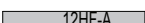


Boom Combinations

HT-Luffing jib



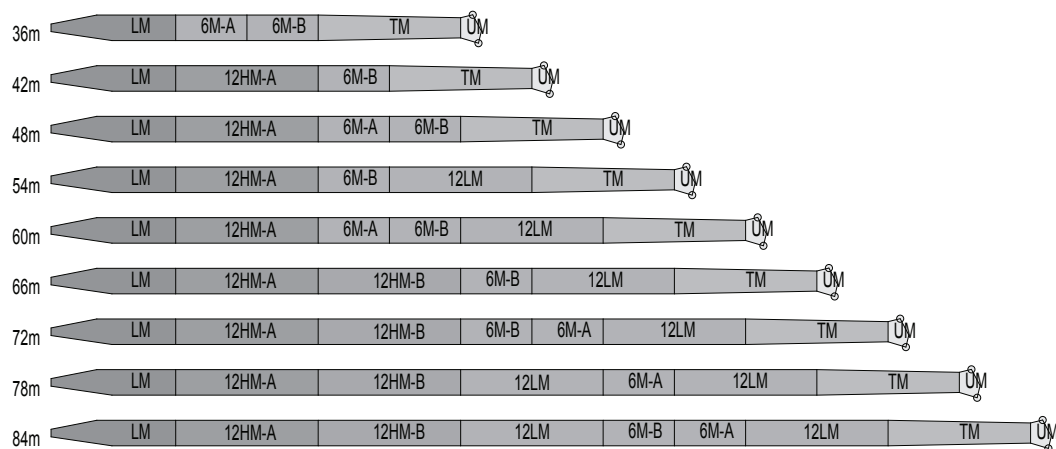
Note: ★ is the position for waist rope

	7.5 m	Jib head
	12 m	Luffing jib 12m insert
	6 m	Luffing jib 6m insert
	12 m	Luffing jib 12m insert
	12 m	Luffing jib 12m insert
	12 m	Luffing jib 12m insert
	4.5 m	Luffing jib foot



Boom Combinations

HTSD-Boom



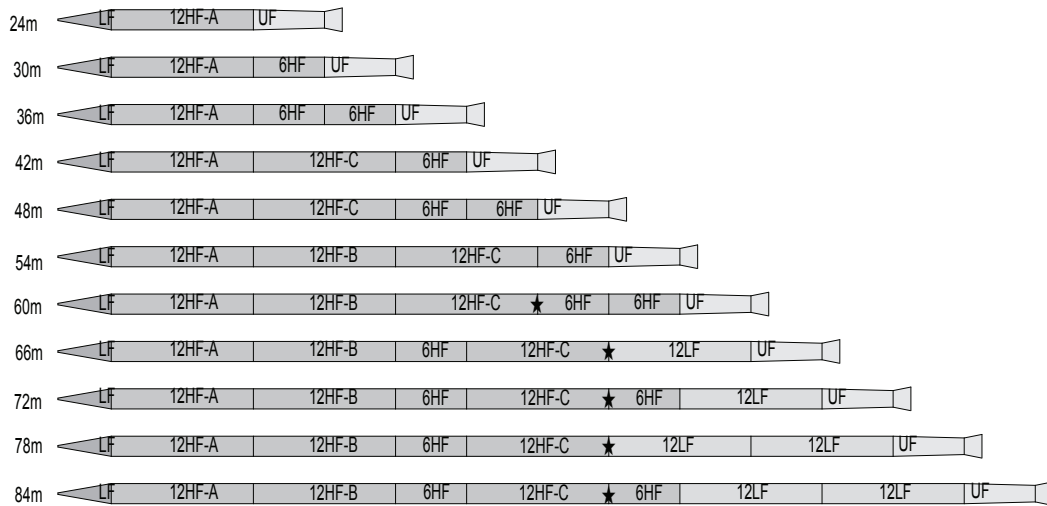
Note: ★ is the position for waist rope

	1.5m	Boom head
TM	12 m	Boom 12m tapered section
12LM	12 m	Boom 12m insert
6M-A	6 m	Boom 6m insert
6M-B	6 m	Boom 6m insert
12HM-B	12 m	Boom 12m insert
12HM-A	12 m	Boom 12m insert
LM	10.5m	Boom foot

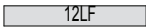


Boom Combinations

HTSD-Luffing jib

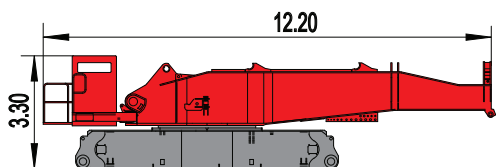


Note: ★ is the position for waist rope

	7.5 m	Jib head
	12 m	Luffing jib 12m insert
	6 m	Luffing jib 6m insert
	12 m	Luffing jib 12m insert
	12 m	Luffing jib 12m insert
	12 m	Luffing jib 12m insert
	4.5 m	Luffing jib foot



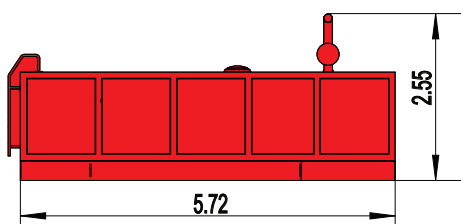
Transportation Dimensions and Weights



Superstructure, chassis ×1

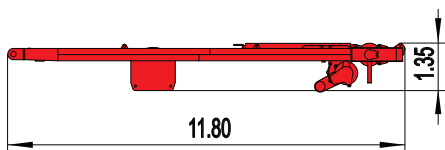
Without mast, derricking gear

Length	12.20m
Width	3.10m
Height	3.30m
Weight	59000kg



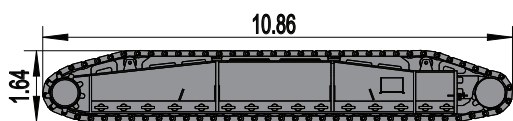
Catwalk ×1

Length	5.72m
Width	2.00m
Height	2.55m
Weight	6800kg



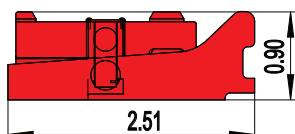
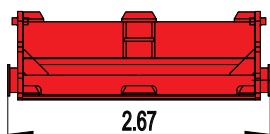
Mast and derricking gear ×1

Length	11.80m
Width	2.30m
Height	1.35m
Weight	12200kg



Track assy. ×2

Length	10.86m
Width	1.50m
Height	1.64m
Weight	35000kg

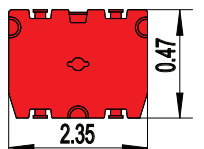


Undercarriage central ballast ×2

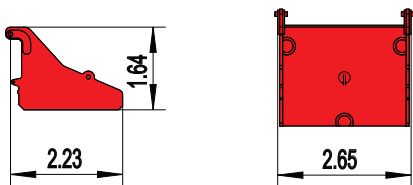
Length	2.67m
Width	2.51m
Height	0.90m
Weight	21866kg



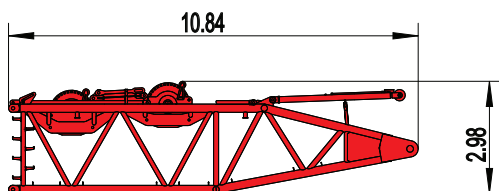
Transportation Dimensions and Weights



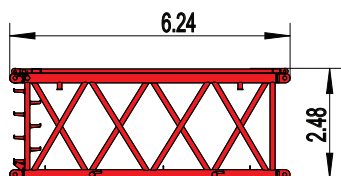
Counterweight	×41	▶
Length	2.35m	
Width	1.84m	
Height	0.47m	
Weight	10000kg	



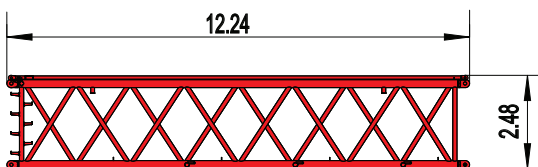
Counterweight frame	×2	▶
Length	2.65m	
Width	2.23m	
Height	1.64m	
Weight	5000kg	



Boom foot	×1	▶
Length	10.84m	
Width	2.97m	
Height	2.98m	
Weight	17300kg	



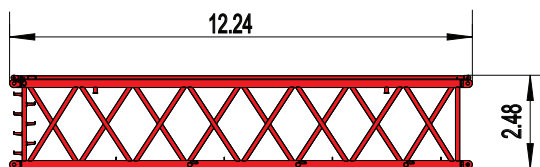
Boom 6m insert	×2	▶
Length	6.24m	
Width	2.97m	
Height	2.48m	
Weight	3100kg	



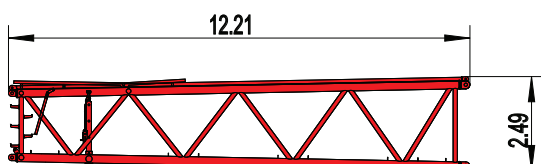
Heavy boom 12m insert	×2	▶
Length	12.24m	
Width	2.97m	
Height	2.48m	
Weight	5560kg	



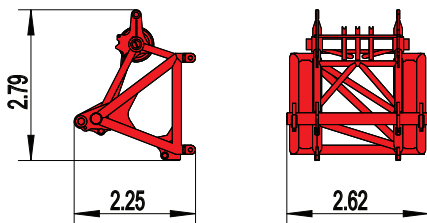
Transportation Dimensions and Weights



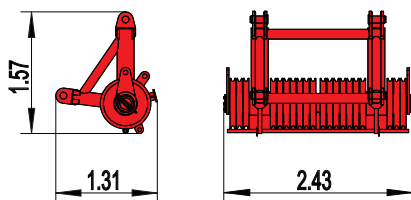
Light boom 12m insert	×2	▶
Length	12.24m	
Width	2.97m	
Height	2.48m	
Weight	4952kg	



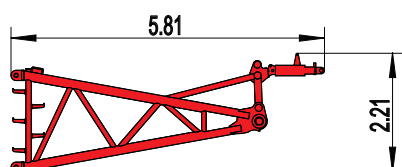
Boom tapered section	×1	▶
Length	12.21m	
Width	2.99m	
Height	2.49m	
Weight	6100kg	



Boom head	×1	▶
Length	2.25m	
Width	2.62m	
Height	2.79m	
Weight	3500kg	



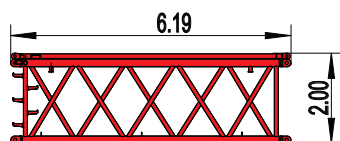
Boom pulley block	×1	▶
Length	2.43m	
Width	1.31m	
Height	1.57m	
Weight	1900kg	



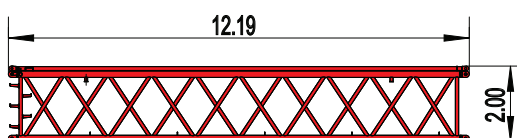
Luffing jib foot	×1	▶
Length	5.81m	
Width	2.54m	
Height	2.21m	
Weight	1800kg	



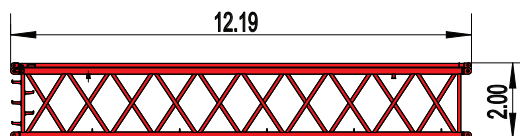
Transportation Dimensions and Weights



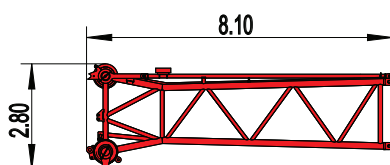
Luffing jib 6m insert	×2	▶
Length	6.19m	
Width	2.52m	
Height	2.00m	
Weight	2017kg	



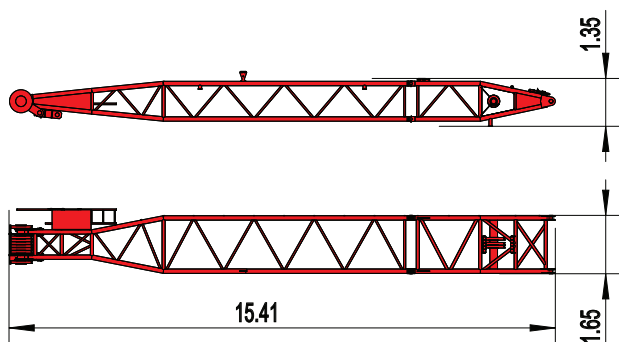
Heavy luffing jib 12m insert	×3	▶
Length	12.19m	
Width	2.52m	
Height	2.00m	
Weight	3583kg	



Light luffing jib 12m insert	×2	▶
Length	12.19m	
Width	2.52m	
Height	2.00m	
Weight	2700kg	



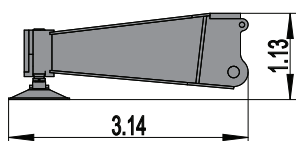
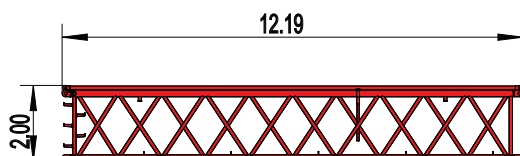
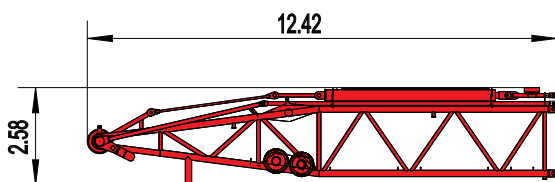
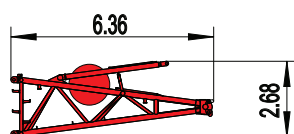
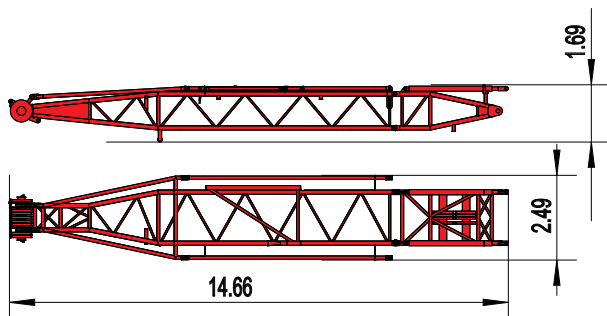
Luffing jib head	×1	▶
Length	8.10m	
Width	2.54m	
Height	2.80m	
Weight	4900kg	



Luffing jib front strut	×1	▶
Length	15.41m	
Width	1.65m	
Height	1.35m	
Weight	4000kg	



Transportation Dimensions and Weights



Luffing jib rear strut	×1	▶
Length	14.66m	
Width	2.49m	
Height	1.69m	
Weight	5300kg	

SL mast foot	×1	▶
Length	6.36m	
Width	2.94m	
Height	2.68m	
Weight	7850kg	

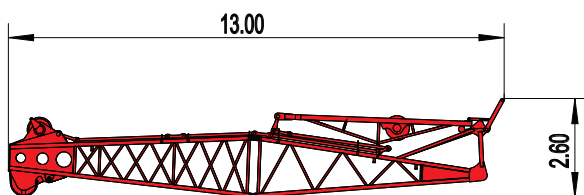
SL mast foot	×1	▶
Length	12.42m	
Width	3.00m	
Height	2.58m	
Weight	5800kg	

SL mast 12m insert	×1	▶
Length	12.19m	
Width	3.22m	
Height	2.00m	
Weight	3528kg	

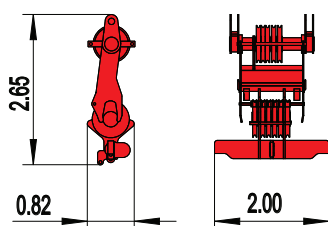
Side outrigger	×2	▶
Length	3.14m	
Width	0.95m	
Height	1.13m	
Weight	1960kg	



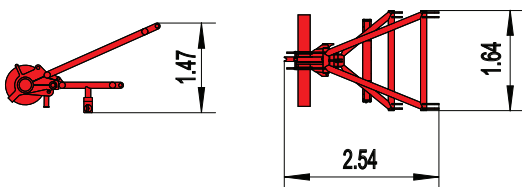
Transportation Dimensions and Weights



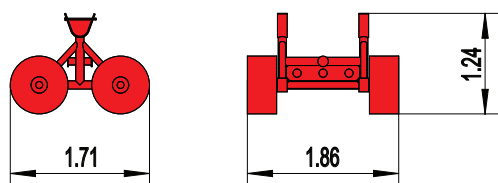
Fixed jib	×1	▶
Length	13.00m	
Width	1.65m	
Height	2.60m	
Weight	4346kg	



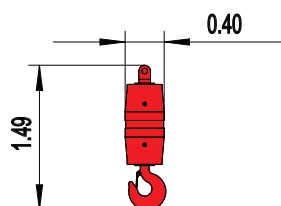
SL mast derricking pulley block	×1	▶
Length	2.65m	
Width	2.00m	
Height	0.82m	
Weight	2067kg	



Runner	×1	▶
Length	2.54m	
Width	1.64m	
Height	1.47m	
Weight	680kg	



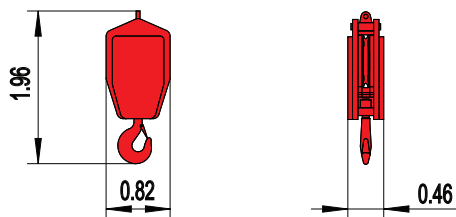
Auxiliary trailer	×1	▶
Length	1.86m	
Width	1.71m	
Height	1.24m	
Weight	1200kg	



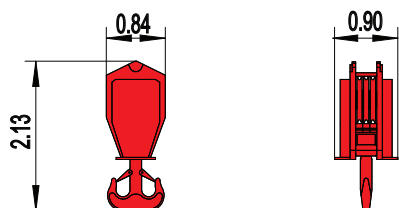
15t hook	×1	▶
Length	1.49m	
Width	0.40m	
Height	0.40m	
Weight	700kg	



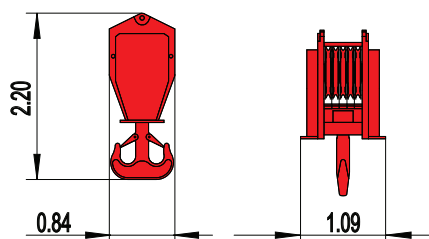
Transportation Dimensions and Weights



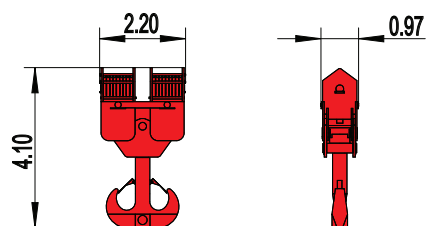
50t hook	×1	▶
Length	1.96m	
Width	0.82m	
Height	0.46m	
Weight	1500kg	



100t hook	×1	▶
Length	2.13m	
Width	0.84m	
Height	0.90m	
Weight	3150kg	



150t hook	×1	▶
Length	2.20m	
Width	0.84m	
Height	1.09m	
Weight	4500kg	



500t hook	×1	▶
Length	4.10m	
Width	2.20m	
Height	0.97m	
Weight	9260kg	

The transportation dimensions and weight of main parts in this brochure are the design value, the actual value may be a little different due to manufacturing choice.



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