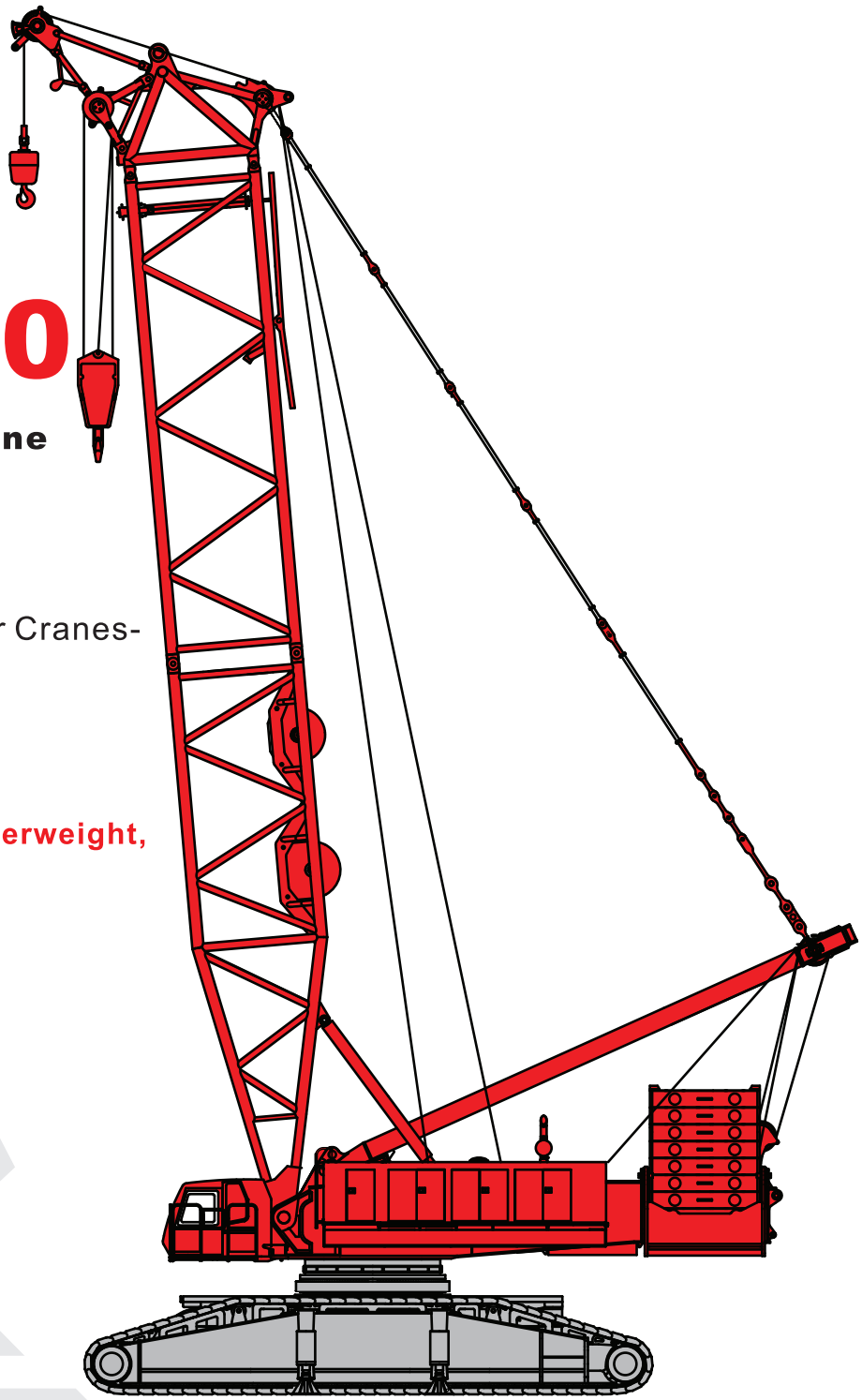
FUWA HEAVY INDUSTRY CO. LTD.



QUY750

Hydraulic Crawler Crane

-Fuwa Series Large Crawler Cranes-

750mt lifting capacity

Super Lift, suspended counterweight, super structure extender

FUWA

Courtesy of Crane.Market

FUWA HEAVY INDUSTRY CO. LTD.

The New Fuwa QUY750 crawler crane has been designed to meet the latest demand in heavy lifting based on international safety and quality standards.
Four distinguishing patents make the machine different and better.
True experience of Fuwa, being one of world's oldest construction equipment manufacturer's, results in a solid piece of equipment which stands out in performance and flexibility.

Features:

- Special boom head for the wind power industry.
- New style 'fork-type' joints for connecting boom head and tapered sections.
- Modular from basic main boom, superstructure extension to full super lift with suspended counterweight.
- 6-row roller bearing swing circle.
- Center frame with integrated double swing drives.
- Ground bearing pressure monitoring system.
- Thunder protection device.
- Emergency remote control system.
- Black box machine data logger.
- Maximum lifting torque; 10454tm(With superlift counterweight).

FUWA

Courtesy of Crane.Market

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Courtesy of Crane.Market

Technical Data

Items			Parameter
Non-superlift	Heavy-duty boom	Max rated lifting capacity（t）	650（6m working radius）
		Length（m）	24～84
	Heavy-duty/ light-duty boom	Max rated lifting capacity（t）	430（7 m working radius）
		Length（m）	36～102
	Luffing jib	Lifting capacity（t）	245.7（16 m working radius）
		Boom length（m）	36～60
		Luffing jib length（m）	30～102
	Special boom for wind power	Max rated lifting capacity（t）	140（13 m working radius）
		Length（m）	36～96
Superlift	Superlift mast	Length （m）	36
		Swing radius (m)	13, 15
	Superlift counterweight	Weight （t）	0～400
		Swing radius（m）	13～18；15～20
	Heavy-duty boom	Max rated lifting capacity（t）	750（8 m working radius）
		Length（m）	36～138
	Heavy-duty/ light-duty boom	Max rated lifting capacity（t）	400（20 m working radius）
		Length（m）	36～150
	Luffing jib	Lifting capacity（t）	360（14 m working radius）
		Boom length（m）	42～96
		Luffing jib length（m）	30～102
	Heavy-duty jib	Lifting capacity（t）	580（10 m working radius）
		Boom length（m）	42～96
		Jib length（m）	12, 18
	Special boom for wind power ※Extender	Max rated lifting capacity（t）	140（24 m working radius）
		Length（m）	84～114

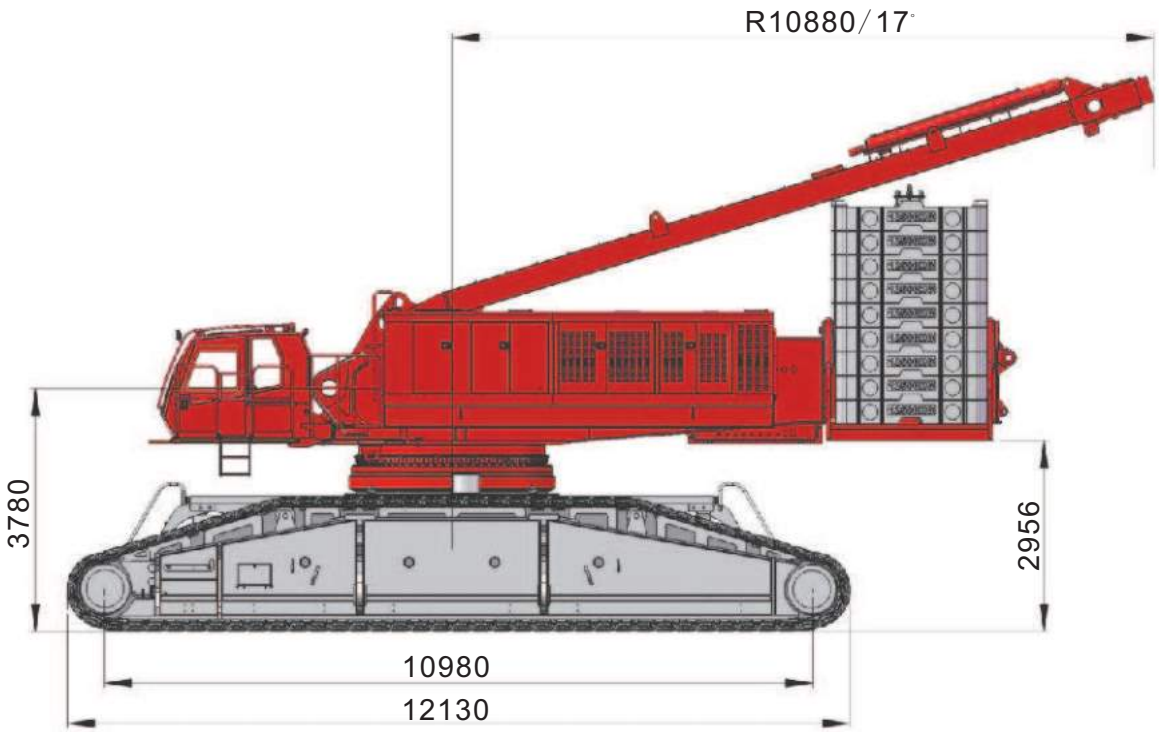
Courtesy of Crane.Market

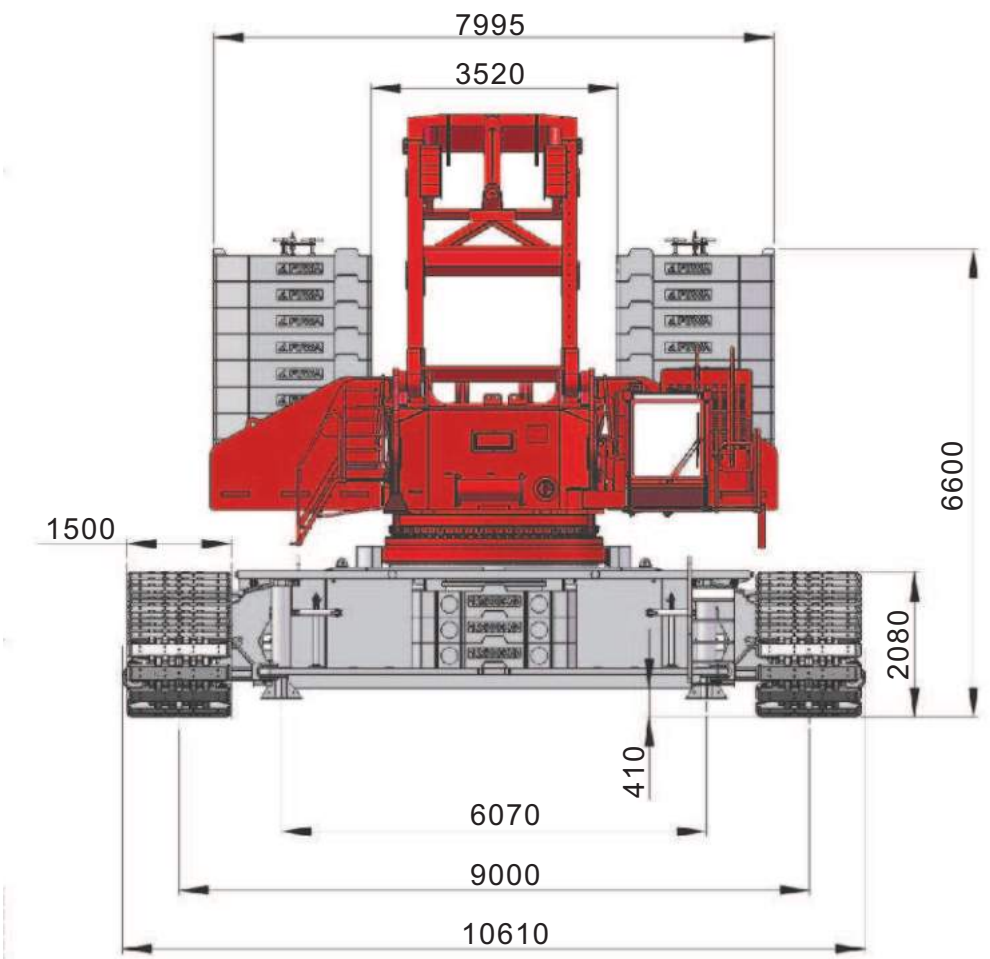
Technical Data

Items		Parameter
Hook type（t）		15/50/150/500/750（400）
Working capacity	Main/aux. hoist winch speed（m/min）	0～130
	Main derricking drum speed（m/min）	(0～60)×2
	Luffing jib derricking drum speed（m/min）	0～130
	SL derricking drum speed（m/min）	0～130
	Swing speed（r/ min）	0 ～ 0.75
	Traveling speed（km/h）	0 ～ 1.0
	Single pull（kg）	16000
Gradeability		20%(11.3°)
Weight (with 24m boom)（t）	615	Ground bearing pressure(kg/cm2)	1.72
Boom derricking angle(°)	30 —85	Luffing boom derricking angle(°)	67, 77, 87
Luffing jib derricking angle(°)		20 -75
Max lifting torque（t·m）	With SL structure	10454
Cranebody transportation dimension ()	(L×W×H)	13400×3300×2440
Engine	Model	QSX15 Cummins electronic control diesel engine
	Power（KW）	418
	Rev.（rpm）	1800

Courtesy of Crane.Market

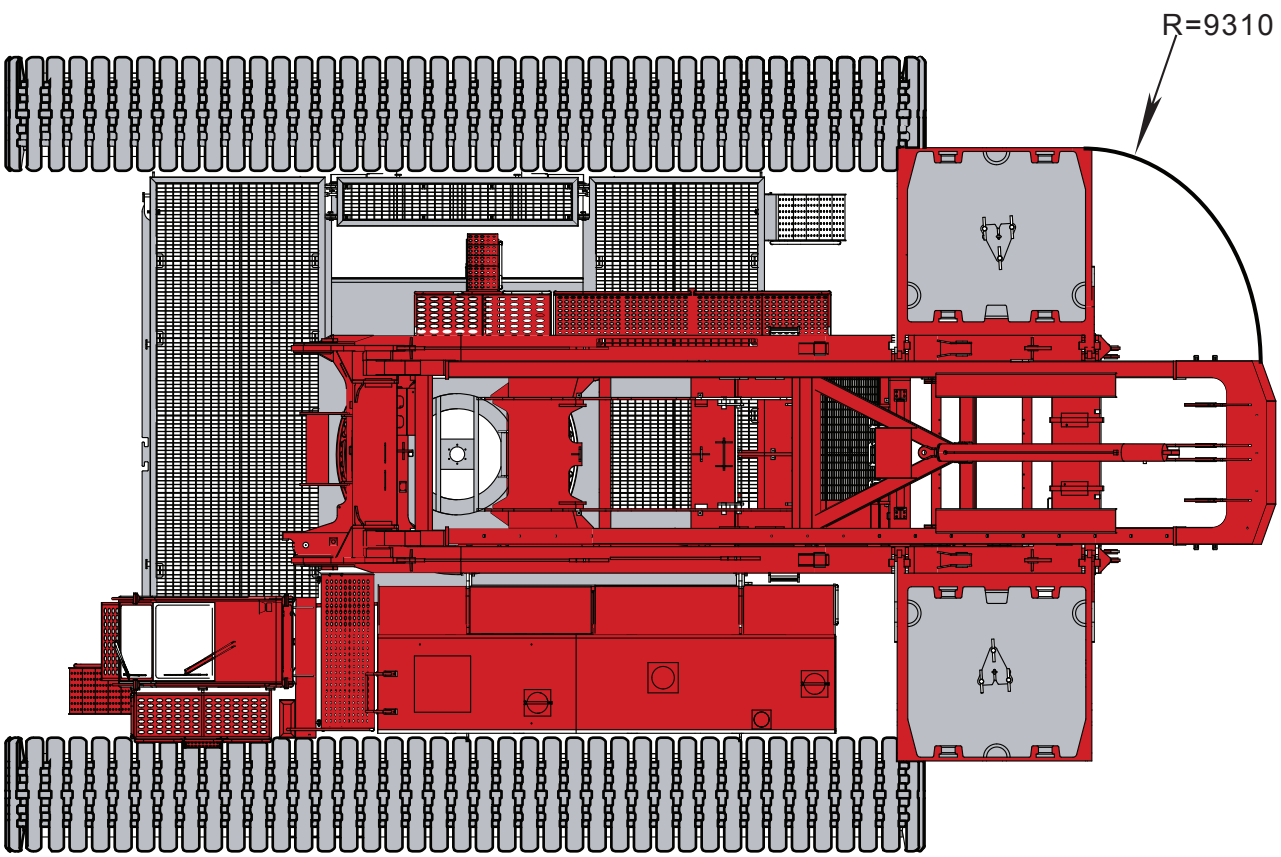
Overall Dimension





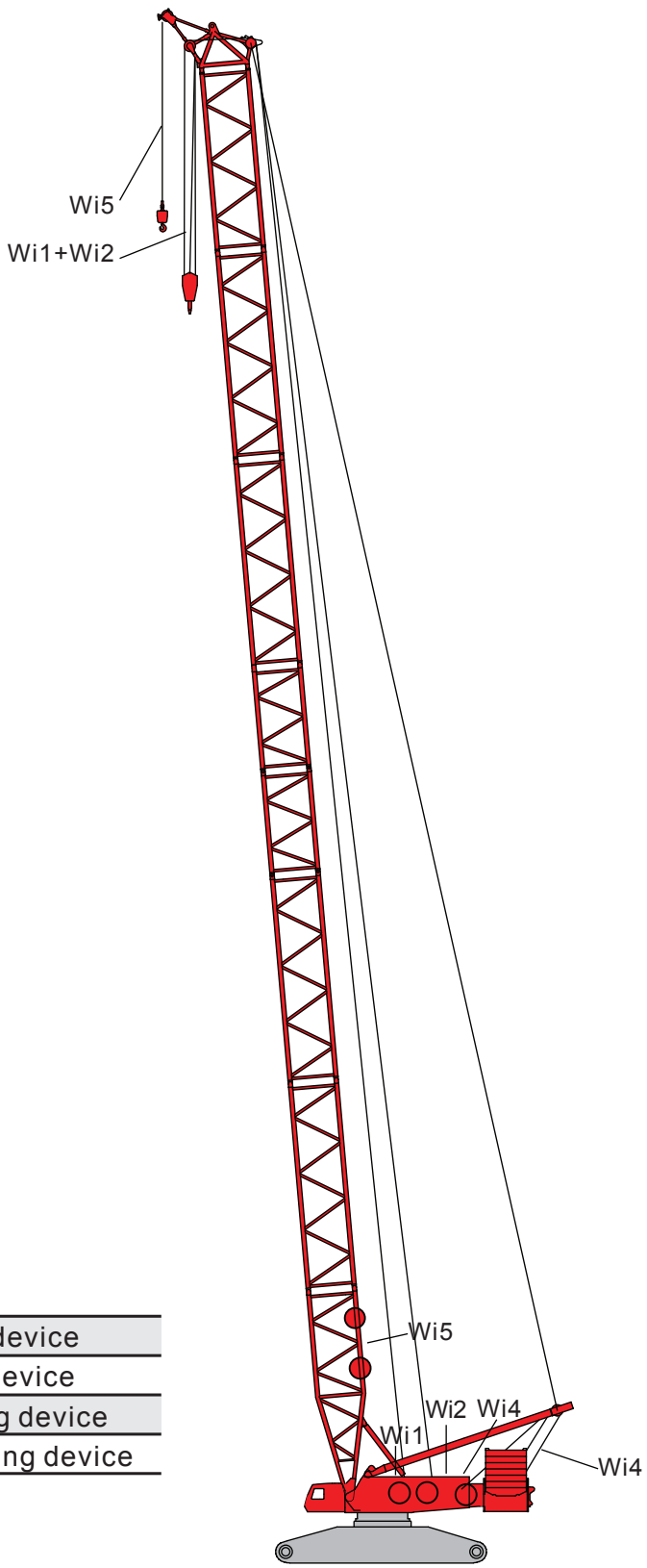
Courtesy of Crane.Market

Overall Dimension



Courtesy of Crane.Market

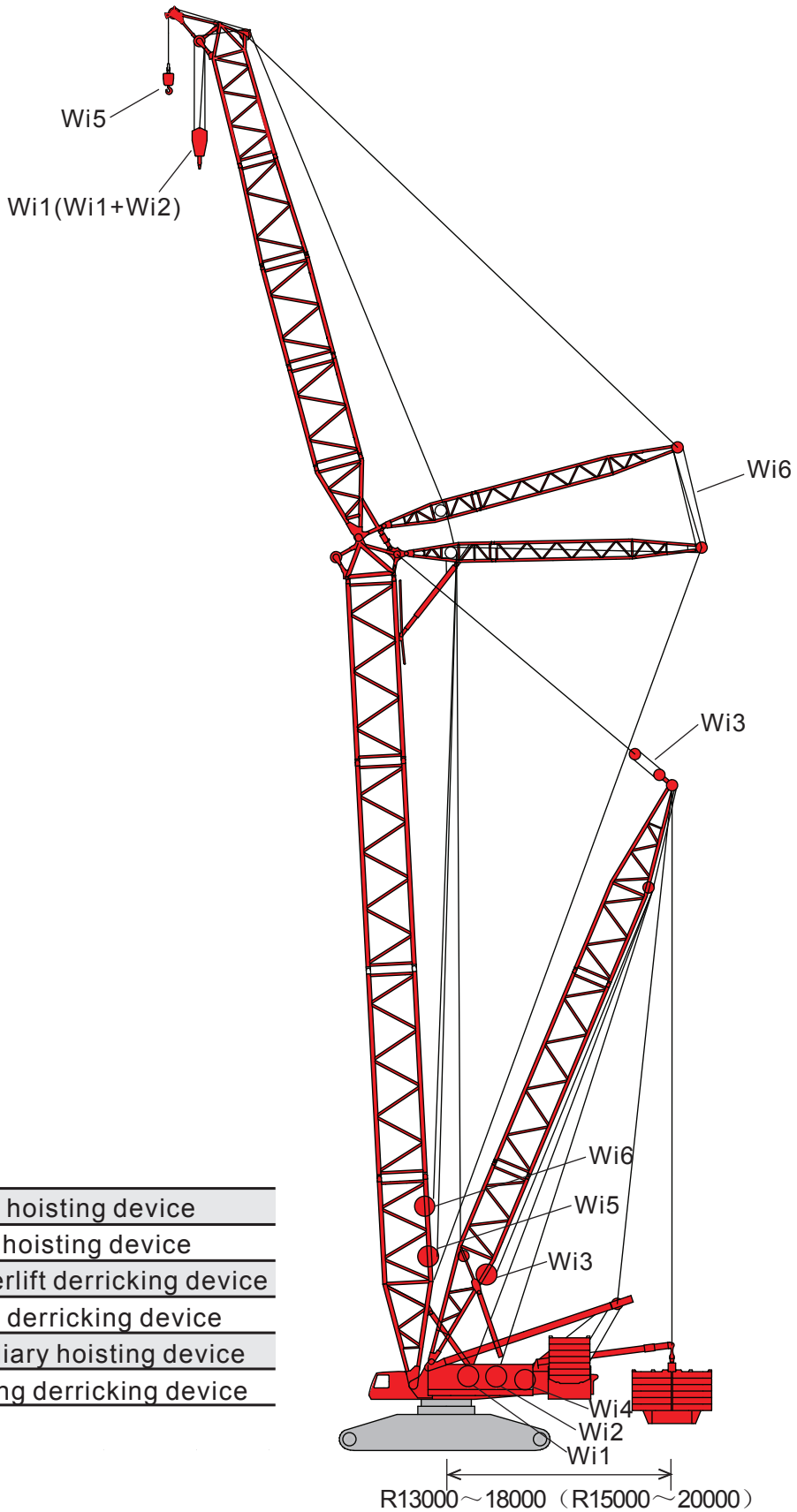
Overall Dimension



Wi1——Main hoisting device
Wi2——Aux. hoisting device
Wi4——Main derricking device
Wi5——Auxiliary hoisting device

Courtesy of Crane.Market

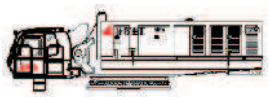
Overall Dimension



Wi1——Main hoisting device
Wi2——Aux. hoisting device
Wi3——Superlift derricking device
Wi4——Main derricking device
Wi5——Auxiliary hoisting device
Wi6——Luffing derricking device

Courtesy of Crane.Market

Specifications



Super Structure

Engine



The crane is powered by a modern Cummins QSX15 Off-Road standard Diesel Engine, 6-cylinder, water cooled, rated power 418 KW/1800rpm, fitted with air pre-filter, dual-process air filter, muffler, cooler. Radiator and fan used are the designated accessories of Cummins. The transfer case provides drive via five variable displacement plunger pumps and two gear pumps to all function modules. Four 12V maintenance-free batteries together provide 24V power are equipped with a 75 Amp. air-conditioner generator. A 740L fuel tank for engine is mounted on the power station and the fuel level is shown by indicator in operator's cabin. ★For emission standard check your dealer.

Control system



Modulating electronic-over-hydraulic controls provide 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 1800L, cartridge and hydraulic oil cooler. Each function is equipped with relief valves to protect the hydraulic circuit from overload or shock.

Main hoist winches



Normally, the basic machine is mounted with two hoist winches: main hoist winch and auxiliary hoist winch. Besides there is also an optional hoist winch available.
The grooved drum is independently driven by variable displacement hydraulic motor via built-in planetary reduction gear that is compact-structured while easy to service.
The brake is of “normally-closed” type.

Courtesy of Crane.Market

Specifications

Main hoist device

Drum diameter : 650mm
Wire rope diameter : 28mm
Max. rope speed : 0~130m/min
Wire rope length : 1300m

Derricking winch devices



Grooved drums are independently driven by variable displacement hydraulic motor via built-in planetary reduction gear that is compact-structured while easy to service.
The brake is of " normally-closed" type.

Main derricking device

Drum diameter : 650mm
Wire rope diameter : 28mm
Max. rope speed : (0~60m/min) x2
Wire rope length : 780m

Aux. derricking device

Drum diameter: 650mm
Wire rope diameter: 28mm
Max. rope speed: 0~130m/min
Wire rope length: 1300m

Superlift derricking device

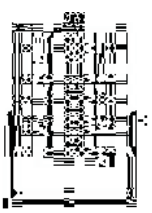
Drum diameter: 650mm
Wire rope diameter: 28mm
Max. rope speed: 0~130m/min
Wire rope length: 1400m

Swing system



Swing system has a closed hydraulic circuit and the platform is driven to slew from 0 to 360 degrees at speed from 0 to 0.75rpm by two hydraulic motors via planetary reduction gear running in oil. The slew bearing has six rows of supporting rollers.
Swing speed: 0~0.75rpm

Counterweight



Central ballast: 95t, 6 blocks on 2 trays;
Rear counterweight: side hanging counterweight, 245t, 18 blocks on 2 trays;
Superlift counterweight: 400t, 30 blocks on 1 tray.

Courtesy of Crane.Market

Specifications

Cabin



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



Undercarriage

The undercarriage consists of the center frame and two crawlers. The center frame and crawlers are connected by power-actuated pins, making it easy to assemble and dismantle. Swing drives are integrated.

Center frame

All welded of high strength alloy steel, designed for excellent resistance against bending and torsion.

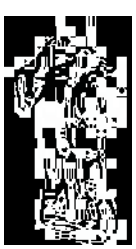
Crawler frames

The crawlers are constructed from high strength alloy steel, torque resistant. Track shoes are made from high strength cast steel after heat treatment, 1500mm wide each. 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.

Crawler drives

Four wheel drive: each crawler is propelled by two variable displacement motors via closed planetary reduction gear running in oil; “normally-closed” hydraulic brake with spring. Both crawlers can stable travel at 1km/h at maximum, independently or reversely.

Hook



Model	Lifting capacity	Max. parts of line	Weight
750t	750t/400t	2×28	20.00t/15.7t
500t	500t/250t	2×19	9.27t/6.2t
150t	150t	11	5.51t
50t	50t	3	1.55t
15t	15t	1	0.70t

Note: a 750t dual pulley block hook can be converted to 400t single pulley block hook.

Courtesy of Crane.Market

Specifications



Boom configurations

Boom combination

Boom is made of imported high tensile strength steel tubes, lattice structure, consisting of the following combinations:

H Heavy-duty boom

Boom length: 24m~84m

Boom : 12m boom foot section, 12m and 6m boom insert, 10.5m insert, 1.5m boom head.

HS Heavy-duty boom+superlift mast

Boom length: 36m~138m

Superlift structure: 36m superlift mast consisting of 12m foot section, 12m insert, 12m top section

HSD Heavy-duty boom+superlift mast+superlift counterweight

Boom length: 36m~138m

Superlift structure: 36m superlift mast consisting of 12m foot section, 12m insert, 12m top section; 0~400t counterweight

H/L Heavy-duty and light-duty boom

Boom length: 36m~102m

Boom: 12m boom foot section, 12m and 6m boom insert, 10.5m insert, 6m luffing jib tapered section, 12m and 6m luffing jib insert and 7.5m luffing jib top section.

HS/L Heavy-duty and light-duty combined boom+superlift mast

Boom length: 36m~150m

Superlift structure: 36m superlift mast

HSD/L Heavy-duty/light-duty boom +SL mast+SL counterweight

Boom length: 36m~150m

Superlift structure: 36m superlift mast, 0~400t superlift counterweight

HT Luffing jib

Boom length: 36m~60m; luffing jib length: 30m~102m

Boom:12m boom foot section, 12m and 6m boom insert, 10.5m tapered section, 1.5m boom top section

Luffing jib: 4.5m basic section, 12m and 6m luffing jib insert and 7.5m luffing jib top section

HTSD Luffing jib+SL mast+SL counterweight

Boom length: 42m~96m ; luffing jib length: 30m~102m,

Superlift structure: 36m SL mast, 0~400t SL counterweight

HZS Heavy-duty boom+heavy-duty jib+SL mast

Boom length: 42m~96m ; Fixed jib length: 12m, 18m ;

Offset angle: 12°, 20°

Superlift structure: 36m SL mast

HZSD Heavy-duty boom+heavy-duty jib+SL mast+SL counterweight

Boom length: 42m~96m ; Jib length: 12m,18m

Offset angle: 12°,20°。

Superlift structure: 36m SL mast, 0~400t SL counterweight

Courtesy of Crane.Market

Specifications

HW Special boom for wind power

Boom length: 36m~96m

Combination: 12m boom foot section, 12m and 6m boom insert, 10.5m tapered section, 6m luffing jib tapered section, 2m special transition section for wind power and 5.5m special top section for wind power.

HWS Special boom for wind power+superlift mast

Boom length: 84m~114m ;

Combination: 12m boom foot section, 12m and 6m boom insert, 10.5m tapered section, 6m luffing jib tapered section, 2m special transition section for wind power and 5.5m special top section for wind power.

Superlift structure: 36m SL mast

Boom Configuration Symbols

1. H: Heavy-duty boom
2. HS: Heavy-duty boom+superlift (SL) mast
3. HSD: Heavy-duty boom+SL mast+SL counterweight
4. H/L: Heavy-duty and light-duty boom
5. HS/L: Heavy-duty and light-duty boom+SL mast
6. HSD/L: Heavy-duty and light-duty boom+SL mast+SL counterweight
7. HT: Luffing jib
8. HTSD: Luffing jib+SL mast+SL counterweight
9. HZS: Heavy-duty boom+heavy-duty jib+SL mast
10. HZSD : Heavy-duty boom+heavy-duty jib+SL mast+SL counterweight
11. HW: Special boom for wind power
12. HWS: Special boom for wind power+SL mast

Symbols of Working Condition



H HS,HSD H/L HS/L,HSD/L HT HTSD HZS,HZSD HW HWS

Courtesy of Crane.Market

Safety Devices

Maximum boom angle switches
Electric safety switches prevent over -pull of maximum angles of boom, jib and masts.

Anti Two-Blocking device
When the hook lifts up to the maximum height it will touch the Anti Two-Blocking 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 the indicator will light up.
So the rise of the hook will be stopped automatically and the hook must be returned to the safe position again.

Boom backstop prevention device
The moment limiter can measure boom angle. In case it reaches the maximum angle the derricking operation is being stopped. In addition there is a an electric switch for final cut- out.
For unexpected back slash of the boom, heavy hydraulic mechanical boom stops are provided.

Moment limiter
The Moment Limiter is a micro-processor based device with display, containing the lifting programs matching with each programmed boom configuration and hook block.
It monitors, displays and initiates cut out of operations in case the movement enters a danger zone in terms of reach, tilting moment or structural load.
When the green light is lit, the lifting moment is shown by a green proportional bar on the display. This indicates that the load is less than 90% of the maximum rated capacity. When the yellow light is lit, the lifting moment is shown by a yellow proportional bar on the display. It tells the crane has reached a load which is between 90% and 100% of the maximum rated capacity. An intermittent audible alarm sounds.
When the crane reaches 105% of the maximum rated capacity, the red light comes in, the moment proportional bar turns red. A continuous alarm sounds, and all motions which would bring the crane into an even more unsafe state are disabled.

Tricolor load indicator
For the operator's and jobsite supervisor's easy understanding of the actual load situation, the crane is provided with a tricolor warning light. The color correspondents with the readings of the moment limited as mentioned above. In case of other malfunctions, the warning light may turn red too. The operator's cabin is also equipped with interphone for communication between operator and directing personnel.

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

Brake and locking device
The main hoist winch, auxiliary hoist winch, main derricking winch, and auxiliary derricking winch as well as slew mechanism are all equipped with brake and locking device.

Load sensor, angle sensor
Load sensors are mounted on mast, front strut for luffing jib, and superlift mast to measure

Courtesy of Crane.Market

Safety Devices

pulling force. The actual value is being processed by the moment limiter, showing the actual weight of load.
The angle sensors are mounted on the boom foot, luffing jib foot, and superlift boom foot, as well as boom head and luffing jib head to measure the respective angle and calculate the ranges.

Gradienter
The gradienter 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 over feeding prevention system (final lap protection)
Final lap protection devices are mounted on main hoist winch and auxiliary hoist winch, preventing the drum from running out of rope. Three full laps will remain on the drum.

Swing and traveling alarm
The alarm will sound when the superstructure is swinging or the crane is traveling. Ground bearing pressure is timely monitored.
This system monitors the center of gravity and ground bearing pressure.It allows the operator to judge the bearing capacity of current ground, at the same time, it can alarm when the crane's max. ground bearing pressure reaches or exceeds the safe range of ground bearing, in order to reduce the overturn risk possibly caused by the ground subsiding.

Thunder prevention device
The electric system has a circuit protector, which can protect the damages of inner equipments caused by coming power or thunder over-voltage.
Note: It cannot prevent the damages from the direct thunder to the crane.

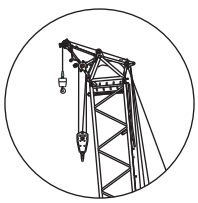
Emergency remote control system
When the crane is lifting, and the electric control system comes to failure, then it can start emergency remote control system to have an emergency operation for bringing back the crane in a safe status or area.

Black box
A data logger records the information is accumulated by the moment limiter. It processes data concerning some working conditions, including crane configuration, lifting moment, overload, boom angle, luffing jib angle, hoisting height, moment limiter code, working radius and limit switch, etc.
It used the read- out by the sensors, anemometer, gradient, as well as the working time and status of diesel engine.The black box can also record all the operations and instructions received from the machine operator.Based on the combined records a clear picture of status and occurred circumstances can be determined in case of error operation, overload action or malfunctions.

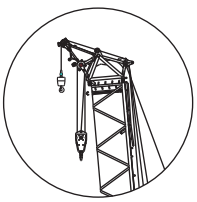
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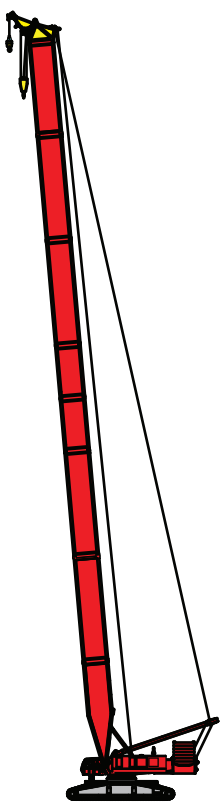
Machine Configurations

Heavy-duty boom（H）
Max lifting capacity:
650t×6m
Max length: 84m

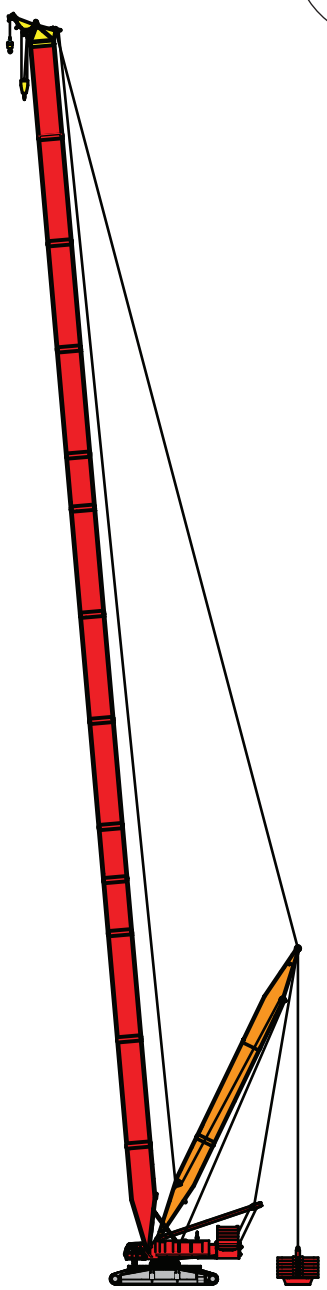


Heavy-duty boom+ SL mast +SL counterweight（HSD）
Max lifting capacity:
750t×8m
Max length: 138m





Boom：24m-84m

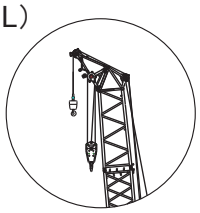


Boom：36m-138m

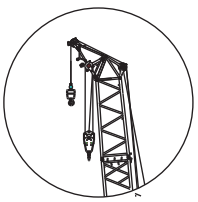
Courtesy of Crane.Market

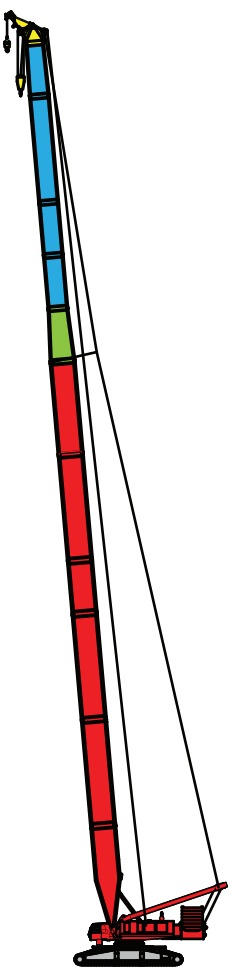
Machine Configurations

Heavy-duty and light-duty combined boom（H/L）
Max lifting capacity: 400t×8m
Max length: 102m

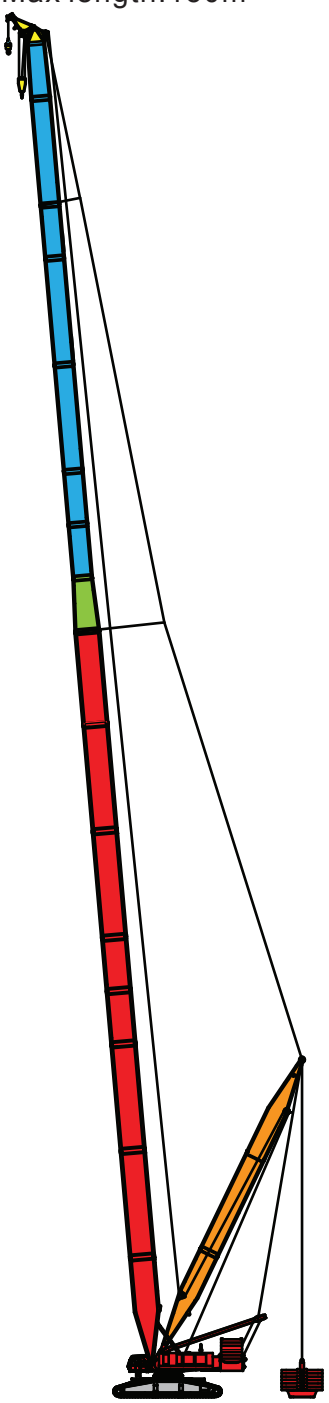


Heavy-duty/light-duty boom +SL mast+ SL counterweight（HSD/L）
Max lifting capacity: 400t×20m
Max length:150m





Boom : 36m-102m

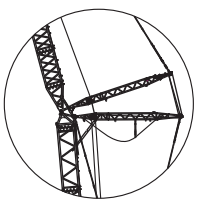


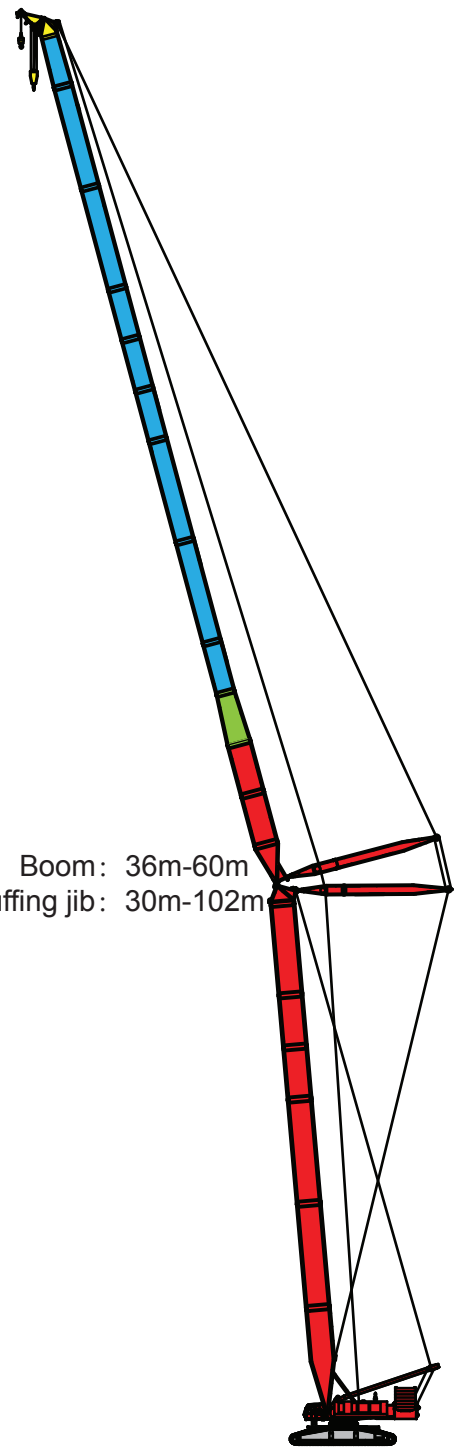
Boom : 36m-150m

Courtesy of Crane.Market

Machine Configurations

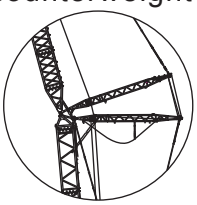
Luffing jib（HT）
max.lifting capacity:
245.7t×16m
Max combined length:
54m+102m

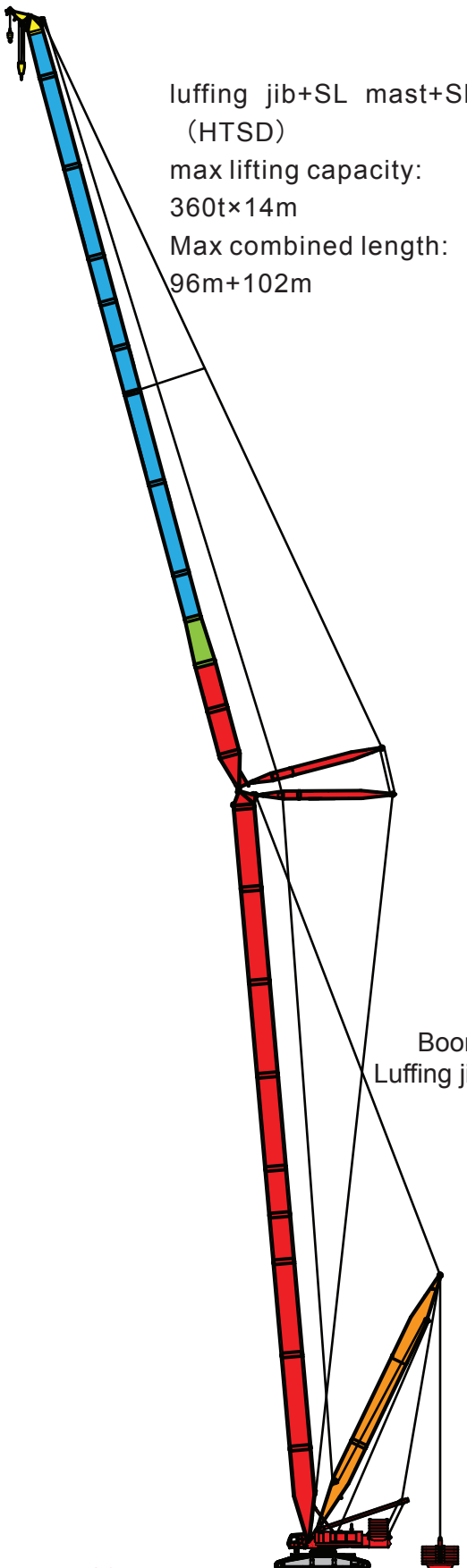




Boom: 36m-60m
Luffing jib: 30m-102m

luffing jib+SL mast+SL counterweight（HTSD）
max lifting capacity:
360t×14m
Max combined length:
96m+102m



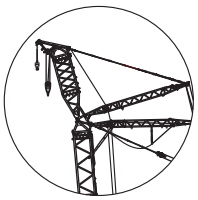


Boom: 42m-96m
Luffing jib: 30m-102m

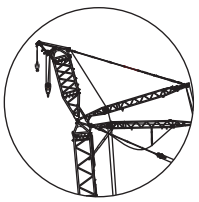
Courtesy of Crane.Market

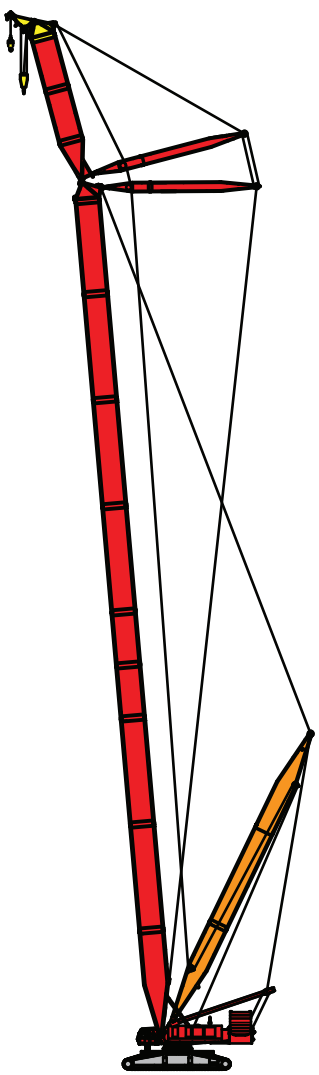
Machine Configurations

Heavy-duty boom +heavy-duty jib +SL mast（HZS）
Max lifting capacity:
350t×10m
Max combined length:
96m+18m

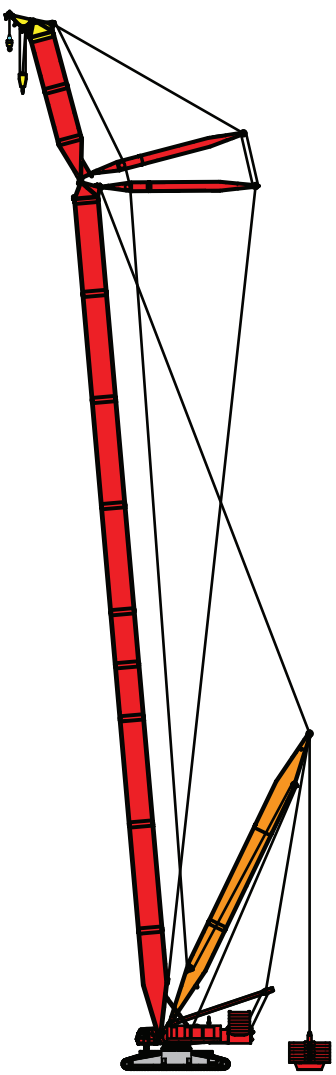


Heavy-duty boom+heavy-duty fixed jib+SL mast+ SL counterweight（HZSD）
Max lifting capacity:
586t×10m
Max combined length:
96m+18m





Boom：42m-96m
Jib：12m-18m

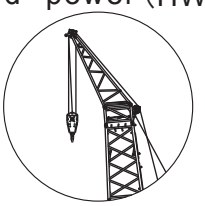


Boom：42m-96m
Jib：12m-18m

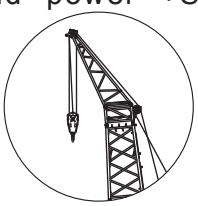
Courtesy of Crane.Market

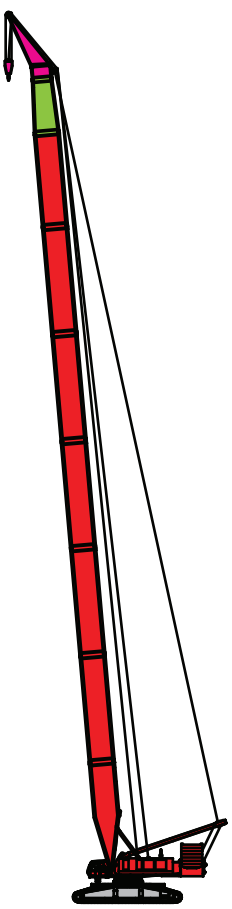
Machine Configurations

Special boom for wind power (HW)
Max lifting capacity:
140t×13m
Max length: 96m

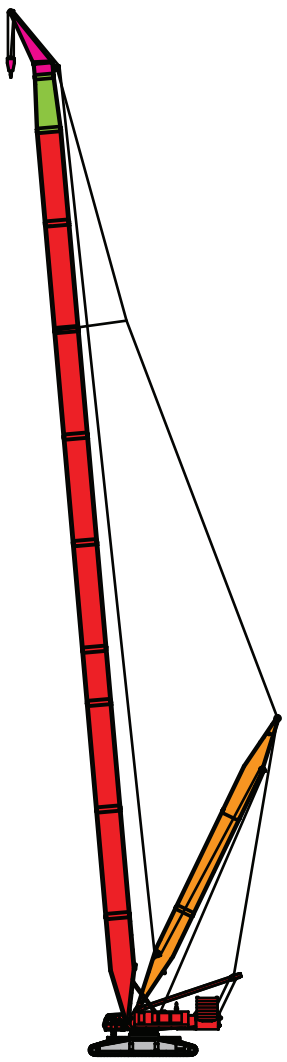


Special boom for wind power +SL mast (HWS)
Max lifting capacity:
140t×24m
Max length: 114m





Boom: 36m-96m

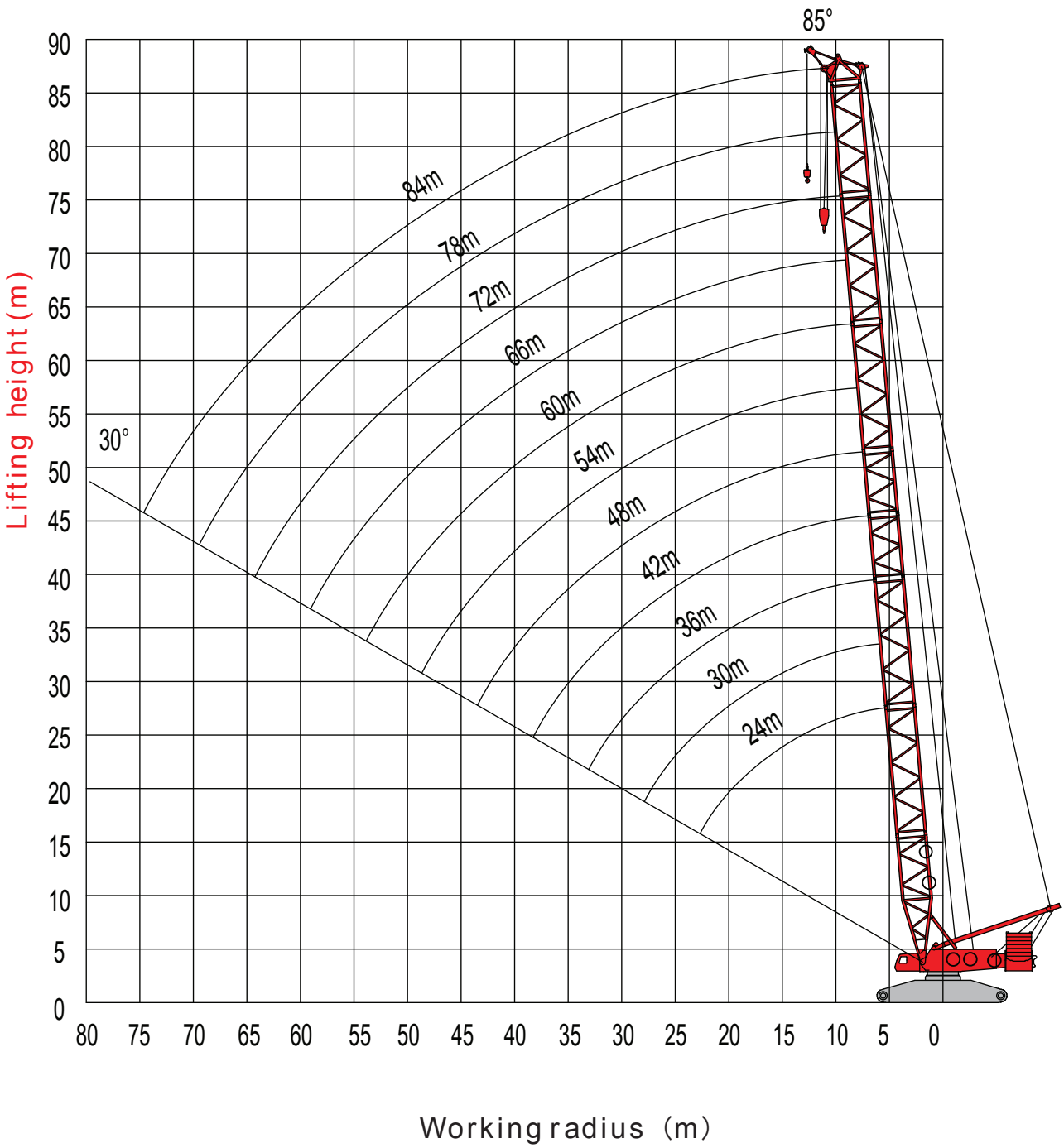


Boom: 84m-114m

Courtesy of Crane.Market

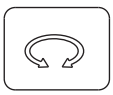
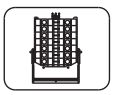
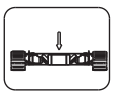
Working Range H

Working range of heavy-duty boom (H)

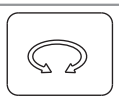
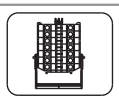
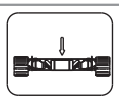


Courtesy of Crane.Market

Rated Lifting Capacity Load Chart H

 24m-84m  360°  220t  0t

Working radius \ Boom length	24.0m	30.0m	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m
6.0m	620.0	6.4m/620.0	6.9m/611.7	7.0							
7.0m	606.6	605.4	603.2	7.4m/561.3	8.0m/509.8						
8.0m	521.1	520.1	517.8	516.4	506.2	8.5m/444.4					
9.0m	456.1	455.1	452.8	447.3	427.9	409.9	9.0m/392.5	9.5m/350.5			
10.0m	405.0	404.1	400.5	384.6	369.6	355.5	342.0	329.5	10.1m/315.2	10.6m/285.6	11.1m/259.8
12.0m	329.8	320.7	309.0	298.7	288.5	279.1	269.6	261.0	252.3	244.2	236.1
14.0m	265.9	258.6	249.9	242.5	234.9	227.9	220.7	214.2	207.4	201.2	194.8
16.0m	217.5	215.6	208.6	202.8	196.8	191.3	185.4	180.2	174.6	169.5	164.1
18.0m	184.4	182.3	178.1	173.4	168.3	163.7	158.7	154.4	149.5	145.3	140.5
20.0m	157.7	155.6	153.7	150.7	146.2	142.3	137.8	134.1	129.8	126.0	121.8
22.0m	137.2	135.1	133.1	132.2	128.5	125.1	121.0	117.7	113.8	110.4	106.6
24.0m	23.6m/121.1	118.7	116.7	115.7	114.0	111.0	107.2	104.3	100.6	97.5	93.9
26.0m		105.4	103.3	102.3	100.6	99.3	95.7	93.0	89.5	86.7	83.3
28.0m		94.2	92.2	91.2	89.5	88.3	85.9	83.4	80.1	77.4	74.2
30.0m		28.8m/90.2	82.9	81.8	80.1	78.8	76.8	75.2	72.0	69.5	66.3
34.0m			67.8	66.9	65.0	63.8	61.7	60.5	58.4	56.4	53.4
38.0m				55.4	53.6	52.3	50.2	49.0	46.8	45.4	43.2
42.0m				39.2m/52.4	44.6	43.3	41.2	39.9	37.7	36.3	34.1
46.0m					44.4m/40.0	36.0	33.8	32.6	30.4	28.9	26.7
50.0m						49.6m/30.5	27.8	26.5	24.3	22.8	20.6
54.0m							22.7	21.4	19.2	17.7	15.5
58.0m							54.8m/21.7	17.1	14.8	13.4	11.1
62.0m								60.0m/15.1	11.1	9.6	7.3
66.0m									65.2m/8.4	6.3	4.1
70.0m										3.5	1.2

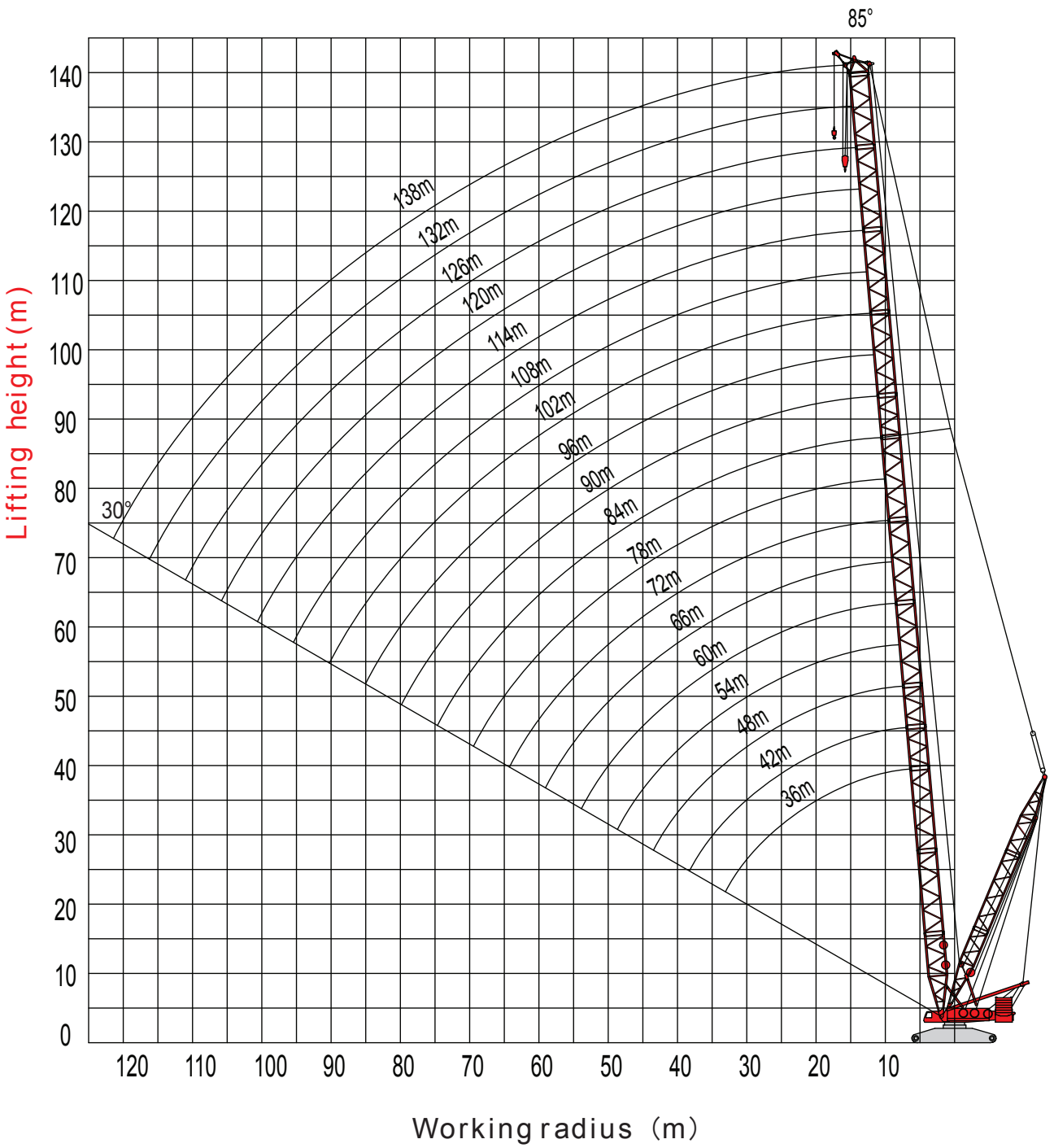
 24m-84m  360°  245t  95t

Working radius \ Boom length	24.0m	30.0m	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m
6.0m	650.0	6.4m/650.0	6.9m/636.8								
7.0m	631.4	630.2	628.0	7.4m/584.5	8.0m/538.8						
8.0m	542.6	541.5	539.3	537.9	535.9	8.5m/499.5					
9.0m	475.0	474.0	471.7	470.4	468.3	466.8	9.0m/464.2	9.5m/423.6			
10.0m	421.9	420.9	418.6	417.2	415.2	413.7	411.5	398.7	10.1m/381.9	10.6m/346.8	11.1m/316.5
12.0m	343.7	342.8	340.5	339.1	337.0	335.5	327.3	317.3	307.1	297.7	288.3
14.0m	288.8	288.0	285.7	284.3	282.2	277.4	269.1	261.6	253.8	246.6	239.2
16.0m	248.3	247.5	245.1	243.8	240.2	233.8	227.1	221.1	214.7	209.0	202.9
18.0m	217.0	216.3	213.9	212.1	206.2	201.0	195.3	190.4	184.9	180.1	174.9
20.0m	191.3	190.4	188.5	185.0	179.9	175.5	170.5	166.3	161.5	157.3	152.6
22.0m	166.8	165.9	163.9	163.0	158.9	155.0	150.5	146.8	142.5	138.8	134.5
24.0m	23.6m/149.3	146.4	144.4	143.4	141.7	138.2	134.1	130.8	126.8	123.4	119.5
26.0m		130.4	128.4	127.4	125.7	124.3	120.4	117.4	113.6	110.5	106.8
28.0m		117.2	115.2	114.2	112.4	111.2	108.8	106.0	102.4	99.5	96.0
30.0m		28.8m/112.4	104.0	103.0	101.2	100.0	97.9	96.2	92.8	90.1	86.7
34.0m			86.1	85.2	83.3	82.1	80.0	78.8	76.7	74.5	71.4
38.0m			34.0m/86.1	71.5	69.7	68.4	66.3	65.1	62.9	61.5	59.3
42.0m				39.2m/68.0	58.9	57.7	55.5	54.3	52.1	50.7	48.5
46.0m					44.4m/53.5	49.0	46.8	45.6	43.4	41.9	39.7
50.0m						49.6m/42.4	39.6	38.4	36.1	34.7	32.4
54.0m							33.6	32.3	30.1	28.6	26.4
58.0m							54.8m/32.5	27.2	24.9	23.5	21.2
62.0m								60.0m/24.8	20.5	19.0	16.7
66.0m									65.2m/17.3	15.1	12.8
70.0m										11.7	9.4
74.0m										70.4m/11.4	6.4
78.0m											75.6m/5.2

Courtesy of Crane.Market

Working Range HS

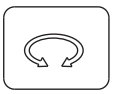
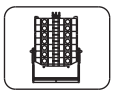
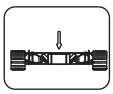
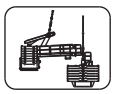
Working range of heavy-duty boom+SL mast (HS)



Courtesy of Crane.Market

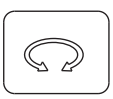
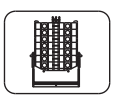
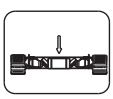
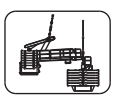
Rated Lifting Capacity Load Chart HS


36m-138m

36m

360°

245t

95t

0t
R=13m

Working radius \ Boom length	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m	90.0m	96.0m	102.0m	108.0m	114.0m	120.0m	126.0m	132.0m	138.0m
7.0m	594.0																	
8.0m	555.1	541.0	495.2															
9.0m	485.7	484.3	482.2	456.3														
10.0m	431.1	429.7	427.6	426.1	421.7	390.3	351.6	319.1										
12.0m	350.7	349.3	347.2	345.7	343.5	337.3	326.7	316.8	290.8	266.4	244.6							
14.0m	294.4	293.0	290.9	289.4	286.4	278.5	270.3	262.8	255.1	247.9	240.6	224.6	200.0	192.3				
16.0m	252.7	251.3	249.2	247.7	241.9	235.7	229.1	223.0	216.7	210.8	204.8	199.0	194.1	188.5	170.1	145.1	123.0	
18.0m	220.6	219.3	217.2	214.3	208.4	203.3	197.6	192.5	187.1	182.1	176.9	172.0	167.8	163.0	158.9	144.4	122.3	115.0
20.0m	195.2	193.8	191.7	187.3	182.1	177.7	172.8	168.4	163.6	159.3	154.6	150.2	146.7	142.4	138.8	134.6	121.1	114.1
22.0m	174.5	173.1	169.7	165.7	161.0	157.2	152.7	148.8	144.5	140.6	136.4	132.4	129.3	125.4	122.2	118.4	115.2	111.4
24.0m	154.3	153.3	151.6	147.9	143.7	140.3	136.1	132.7	128.6	125.1	121.2	117.6	114.7	111.2	108.3	104.7	101.8	98.3
26.0m	137.4	136.4	134.7	133.2	129.2	126.1	122.2	119.0	115.3	112.0	108.3	105.0	102.4	99.1	96.4	93.1	90.4	87.1
28.0m	123.4	122.4	120.6	119.4	116.9	114.0	110.4	107.4	103.8	100.8	97.3	94.1	91.8	88.6	86.2	83.0	80.5	77.4
30.0m	111.6	110.6	108.8	107.5	105.5	103.7	100.2	97.4	94.0	91.1	87.8	84.7	82.6	79.6	77.3	74.3	71.9	68.9
34.0m	92.7	91.7	89.9	88.6	86.5	85.3	83.2	81.0	77.8	75.2	72.0	69.3	67.3	64.5	62.5	59.7	57.6	54.8
38.0m		77.3	75.5	74.2	72.1	70.8	68.7	67.3	65.1	62.6	59.6	57.0	55.2	52.6	50.7	48.1	46.1	43.5
42.0m			64.1	62.8	60.7	59.4	57.2	55.8	53.6	52.0	49.6	47.1	45.4	42.9	41.2	38.6	36.8	34.2
46.0m				53.6	51.5	50.2	48.0	46.6	44.3	42.7	40.5	38.7	37.3	34.9	33.2	30.8	29.0	26.5
50.0m					43.9	42.6	40.4	38.9	36.7	35.1	32.8	31.0	30.1	28.1	26.5	24.1	22.5	20.1
54.0m					37.5	36.2	34.0	32.5	30.3	28.7	26.4	24.5	23.6	21.8	20.7	18.5	16.8	14.5
58.0m						30.8	28.5	27.1	24.8	23.2	20.9	19.0	18.1	16.2	15.2	13.3	12.0	9.7
62.0m							23.8	22.4	20.1	18.5	16.2	14.3	13.4	11.5	10.4	8.5	7.4	5.4
66.0m								18.3	16.0	14.4	12.1	10.2	9.3	7.3	6.3	4.4		
70.0m								14.6	12.4	10.7	8.4	6.5	5.6	3.7	2.6			
74.0m									9.1	7.5	5.2	3.3						
78.0m										4.7								


36m-138m

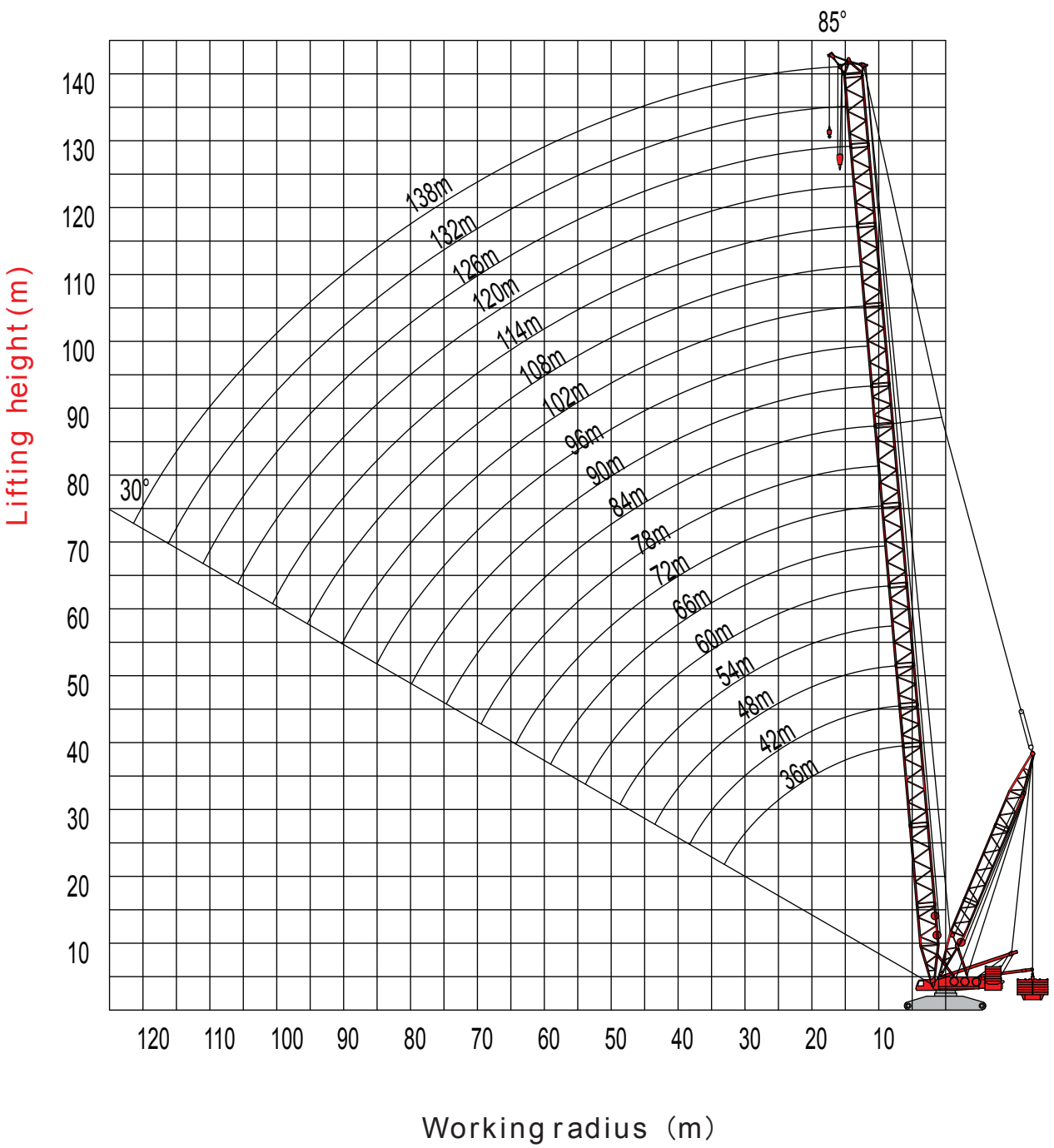
36m

360°

245t

95t

0t
R=15m

Working radius \ Boom length	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m	90.0m	96.0m	102.0m	108.0m	114.0m	120.0m	126.0m	132.0m	138.0m
7.0m	596.4																	
8.0m	557.4	543.2	497.3															
9.0m	487.7	486.3	484.2	458.3														
10.0m	432.9	431.5	429.4	427.9	423.5	392.2	353.3	320.6										
12.0m	352.2	350.8	348.7	347.2	345.0	339.0	328.3	318.3	292.2	267.7	245.8							
14.0m	295.6	294.3	292.1	290.7	287.8	279.9	271.7	264.1	256.4	249.2	241.9	224.6	200.0	192.3	170.1	145.1	123.0	
16.0m	253.8	252.4	250.3	248.8	243.2	236.9	230.2	224.2	217.8	212.0	205.9	200.1	195.1	189.6	159.8	144.4	122.3	115.0
18.0m	221.6	220.2	218.1	215.4	209.4	204.3	198.6	193.6	188.1	183.1	177.9	172.9	168.7	163.9	139.6	135.4	121.1	114.1
20.0m	196.1	194.7	192.6	188.3	183.1	178.7	173.7	169.3	164.5	160.2	155.5	151.1	147.5	143.3	123.0	119.2	115.9	112.2
22.0m	175.3	173.9	170.6	166.5	161.9	158.0	153.5	149.7	145.3	141.4	137.2	133.2	130.1	126.2	109.0	105.4	102.5	99.0
24.0m	155.1	154.1	152.4	148.7	144.5	141.0	136.9	133.4	129.4	125.9	121.9	118.3	115.5	111.9	97.1	93.7	91.0	87.7
26.0m	138.1	137.1	135.4	133.9	129.9	126.8	122.9	119.7	115.9	112.7	109.0	105.6	103.1	99.7	86.8	83.6	81.1	78.0
28.0m	124.1	123.1	121.3	120.1	117.6	114.7	111.0	108.1	104.5	101.5	97.9	94.8	92.4	89.2	77.8	74.8	72.4	69.5
30.0m	112.2	111.2	109.4	108.2	106.1	104.3	100.8	98.0	94.6	91.7	88.3	85.3	83.1	80.1	63.0	60.2	58.0	55.3
34.0m	93.2	92.2	90.4	89.2	87.1	85.9	83.7	81.5	78.3	75.7	72.6	69.8	67.8	65.0	51.2	48.5	46.6	43.9
38.0m		77.7	75.9	74.7	72.5	71.3	69.1	67.7	65.5	63.1	60.1	57.5	55.7	53.1	41.6	39.0	37.2	34.6
42.0m			64.5	63.2	61.1	59.9	57.7	56.2	54.0	52.5	50.0	47.5	45.9	43.3	33.6	31.1	29.4	26.9
46.0m				54.0	51.9	50.6	48.4	46.9	44.7	43.1	40.9	39.1	37.7	35.3	26.9	24.5	22.8	20.4
50.0m					44.2	43.0	40.7	39.3	37.0	35.4	33.2	31.3	30.5	28.5	21.0	18.8	17.2	14.8
54.0m					37.8	36.5	34.3	32.8	30.6	29.0	26.7	24.8	24.0	22.1	15.5	13.6	12.3	10.0
58.0m						31.1	28.8	27.4	25.1	23.5	21.2	19.3	18.4	16.5	10.7	8.8	7.6	5.7
62.0m							24.1	22.6	20.3	18.7	16.4	14.6	13.7	11.8	6.5	4.6	3.5	
66.0m								18.5	16.2	14.6	12.3	10.4	9.5	7.6				
70.0m								14.9	12.6	11.0	8.7	6.8	5.9	4.0				
74.0m									9.4	7.8	5.5	3.6						
78.0m										4.9								

Courtesy of Crane.Market

Working Range HSD

Working range of heavy-duty boom+SL mast+SL counterweight (HSD)

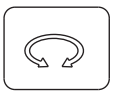


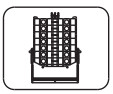
Courtesy of Crane.Market

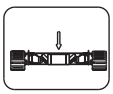
Rated Lifting Capacity Load Chart HSD

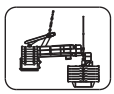

36m-138m


36m


360°


245t


95t

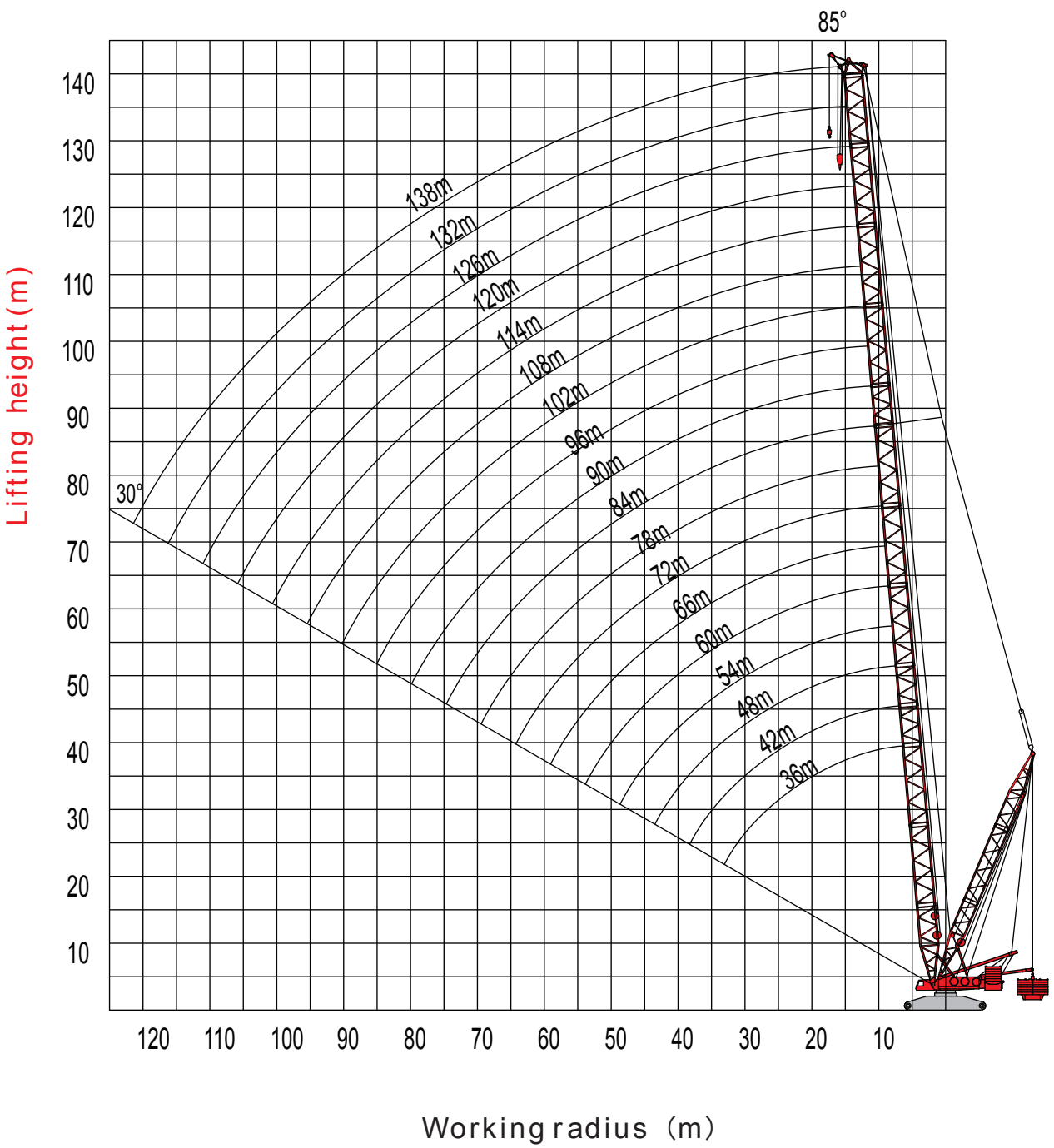

0-400t
R=13m

Working radius \ Boom length	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m	90.0m	96.0m	102.0m	108.0m	114.0m	120.0m	126.0m	132.0m	138.0m
7.0m	750.0																	
8.0m	750.0	730.3	710.8															
9.0m	715.0	700.3	684.5	659.9														
10.0m	687.0	675.8	657.4	641.5	558.8	490.8	446.4	405.3										
12.0m	650.0	642.6	633.6	577.3	554.2	484.1	445.9	403.5	347.9	313.9	273.3							
14.0m	590.0	580.3	560.2	543.2	519.7	479.2	442.5	401.4	346.4	312.1	273.3	224.6	200.0	192.3				
16.0m	540.2	538.8	527.4	509.5	485.3	464.2	437.0	399.4	344.8	310.9	273.3	224.5	199.5	191.9	170.1	145.1	123.0	
18.0m	475.0	473.6	471.5	470.0	441.2	439.4	411.6	397.3	343.1	309.7	273.3	222.8	198.1	191.6	169.4	144.4	122.3	115.0
20.0m	423.3	421.9	419.8	418.3	416.0	414.5	396.1	381.2	340.5	306.9	273.3	221.8	196.3	191.0	169.0	144.1	121.1	114.1
22.0m	381.2	379.9	377.8	376.3	374.0	372.5	370.2	355.1	334.8	301.7	273.3	220.5	194.4	190.2	168.5	143.7	120.8	112.9
24.0m	346.4	345.0	342.9	341.4	339.1	337.7	335.3	329.0	318.4	296.1	269.3	217.9	192.2	189.3	166.7	142.1	119.4	111.5
26.0m	317.0	315.7	313.5	312.1	309.7	308.3	306.0	304.4	300.5	290.1	263.9	215.0	190.7	188.1	165.9	141.4	118.8	110.1
28.0m	291.9	290.6	288.5	287.0	284.7	283.2	280.9	279.3	277.0	273.8	258.3	212.9	189.0	186.7	165.1	140.5	118.1	108.5
30.0m	270.2	268.9	266.8	265.3	263.0	261.6	259.2	257.7	255.3	253.6	251.3	210.5	186.2	185.2	163.9	139.6	117.4	106.9
34.0m	234.5	233.3	231.3	229.8	227.5	226.0	223.7	222.1	219.8	218.1	215.7	206.8	184.0	183.8	163.2	138.3	116.6	104.5
38.0m		205.3	203.3	201.8	199.5	198.1	195.8	194.2	191.8	190.1	187.8	200.8	181.8	179.9	158.7	136.7	115.5	102.7
42.0m			180.7	179.3	177.0	175.6	173.2	171.7	169.3	167.6	165.2	178.6	162.3	160.3	154.5	134.9	113.2	101.8
46.0m				160.7	158.4	157.0	154.7	153.1	150.7	149.0	146.7	158.7	143.7	141.8	140.6	131.6	111.8	99.9
50.0m					142.8	141.4	139.1	137.5	135.2	133.5	131.1	142.0	128.2	126.2	125.0	123.1	108.5	98.0
54.0m					129.5	128.2	125.8	124.3	121.9	120.2	117.9	115.9	114.9	113.0	111.8	109.8	105.2	96.2
58.0m						116.7	114.4	112.9	110.5	108.8	106.5	104.5	103.5	101.6	100.4	98.4	97.2	93.6
62.0m							104.5	103.0	100.6	98.9	96.6	94.6	93.6	91.7	90.5	88.5	87.3	85.3
66.0m								94.2	91.9	90.2	87.9	85.9	84.9	83.0	81.8	79.8	78.6	76.6
70.0m								86.5	84.2	82.5	80.2	78.2	77.2	75.3	74.1	72.1	70.9	68.9
74.0m									77.3	75.6	73.3	71.3	70.4	68.4	67.3	65.3	64.1	62.1
78.0m										69.5	67.1	65.2	64.2	62.2	61.1	59.1	57.9	55.9
82.0m											61.5	59.6	58.6	56.7	55.6	53.6	52.4	50.4
86.0m												54.6	53.6	51.6	50.5	48.5	47.3	45.3
90.0m												50.0	49.0	47.1	45.9	44.0	42.8	40.8
94.0m													44.8	42.9	41.7	39.8	38.6	36.6
98.0m														39.0	37.9	35.9	34.7	32.7
102.0m															34.3	32.4	31.2	29.2
106.0m															31.0	29.1	27.9	25.9
110.0m																26.0	24.8	22.8
114.0m																	22.0	19.7
118.0m																		16.7

Courtesy of Crane.Market

Working Range HSD

Working range of heavy-duty boom+SL mast+SL counterweight (HSD)

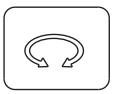


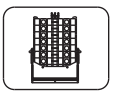
Courtesy of Crane.Market

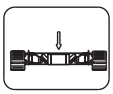
Rated Lifting Capacity Load Chart HSD

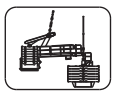

36m-138m


36m


360°


245t


95t

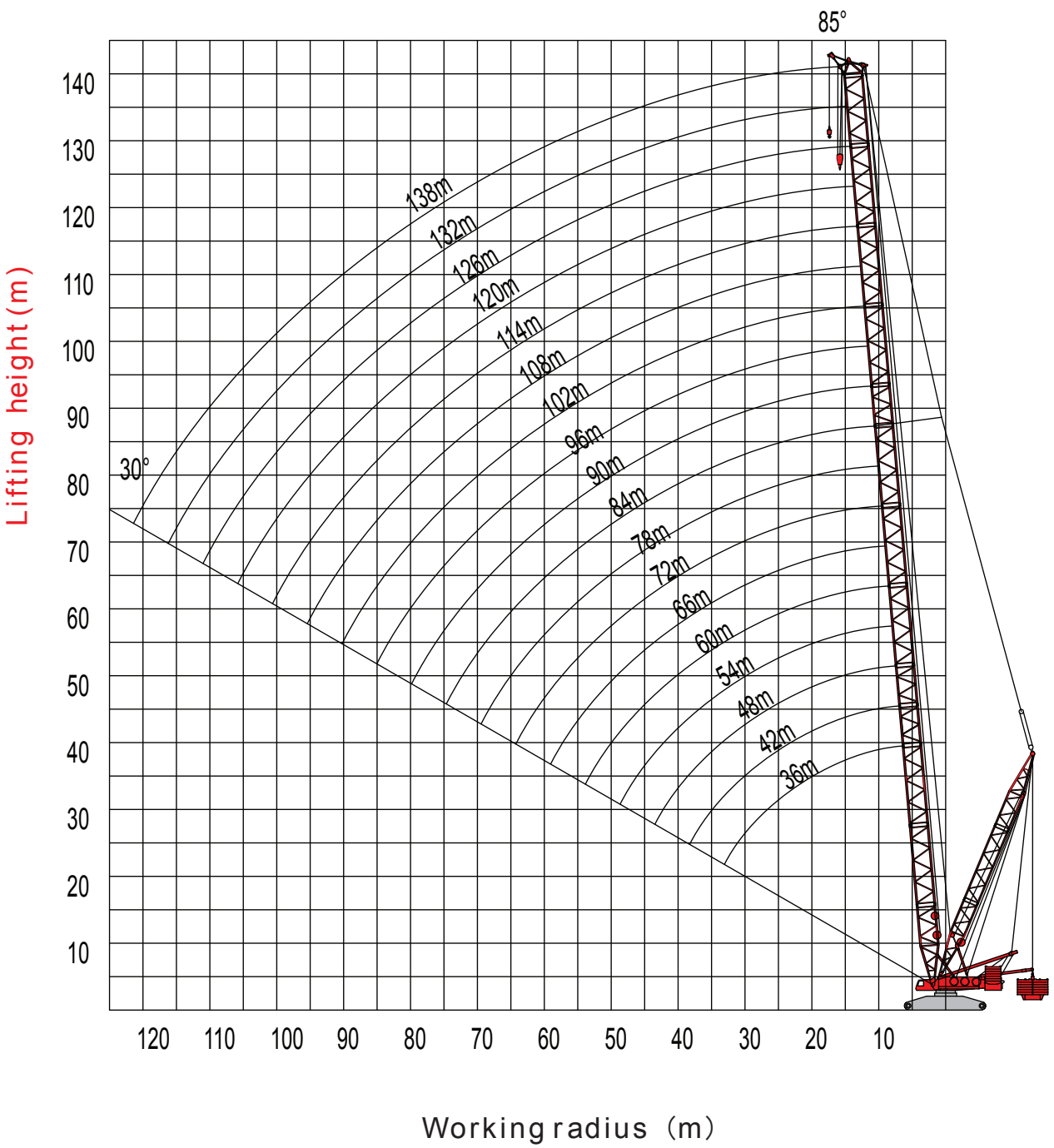

0-400t
R=15m

Working radius \ Boom length	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m	90.0m	96.0m	102.0m	108.0m	114.0m	120.0m	126.0m	132.0m	138.0m
7.0m	750.0																	
8.0m	750.0	730.3	710.8															
9.0m	715.0	700.3	684.5	659.9														
10.0m	687.0	675.8	657.4	641.5	558.8	490.8	446.4	405.3										
12.0m	650.0	642.6	633.6	577.3	554.2	484.1	445.9	403.5	347.9	313.9	273.3							
14.0m	590.0	580.3	560.2	543.2	519.7	479.2	442.5	401.4	346.4	312.1	273.3	224.6	200.0	192.3				
16.0m	552.1	540.5	527.4	509.5	485.3	464.2	437.0	399.4	344.8	310.9	273.3	224.5	199.5	191.9	170.1	145.1	123.0	
18.0m	512.9	511.5	501.6	486.0	441.2	439.4	411.6	397.3	343.1	309.7	273.3	222.8	198.1	191.6	169.4	144.4	122.3	115.0
20.0m	457.2	455.8	453.7	451.1	434.7	414.5	396.1	381.2	340.5	306.9	273.3	221.8	196.3	191.0	169.0	144.1	121.1	114.1
22.0m	412.0	410.6	408.5	407.0	404.7	390.1	370.8	355.1	334.8	301.7	273.3	220.5	194.4	190.2	168.5	143.7	120.8	112.9
24.0m	374.5	373.1	371.0	369.5	367.2	365.8	353.7	329.0	318.4	296.1	269.3	217.9	192.2	189.3	166.7	142.1	119.4	111.5
26.0m	342.9	341.6	339.4	338.0	335.6	334.2	326.6	310.9	300.5	290.1	263.9	215.0	190.7	188.1	165.9	141.4	118.8	110.1
28.0m	315.9	314.6	312.5	311.0	308.7	307.2	304.9	303.3	284.3	273.8	258.3	212.9	189.0	186.7	165.1	140.5	118.1	108.5
30.0m	292.6	291.3	289.2	287.7	285.4	284.0	281.6	280.0	276.6	267.2	252.3	210.5	186.2	185.2	163.9	139.6	117.4	106.9
34.0m	236.3	253.0	250.9	249.5	247.2	245.7	243.4	241.8	239.5	237.8	235.4	206.8	184.0	183.8	163.2	138.3	116.6	104.5
38.0m		222.9	220.9	219.4	217.1	215.7	213.3	211.8	209.4	207.7	205.4	200.8	181.8	179.9	158.7	136.7	115.5	102.7
42.0m			196.6	195.2	192.9	191.5	189.1	187.5	185.2	183.5	181.1	178.6	172.6	170.7	154.5	134.9	113.2	101.8
46.0m				175.2	172.9	171.5	169.1	167.6	165.2	163.5	161.2	158.7	157.7	155.7	147.6	131.6	111.8	99.9
50.0m					156.1	154.7	152.4	150.8	148.5	146.8	144.4	142.0	141.0	139.0	137.9	127.9	108.5	98.0
54.0m					141.8	140.5	138.1	136.6	134.2	132.5	130.2	127.8	126.8	124.8	123.7	121.7	105.2	96.2
58.0m						128.2	125.9	124.3	122.0	120.3	117.9	115.6	114.6	112.6	111.5	109.5	102.2	93.6
62.0m							115.2	113.7	111.3	109.6	107.3	105.0	104.0	102.0	100.9	98.9	97.7	90.2
66.0m								104.3	101.9	100.3	97.9	95.6	94.6	92.7	91.5	89.5	88.3	86.3
70.0m								96.0	93.6	92.0	89.6	87.4	86.4	84.4	83.3	81.3	80.1	78.1
74.0m									86.2	84.6	82.2	80.0	79.0	77.0	75.9	73.9	72.7	70.7
78.0m										77.9	75.6	73.4	72.4	70.4	69.3	67.3	66.1	64.1
82.0m											69.6	67.4	66.4	64.5	63.4	61.4	60.2	58.2
86.0m												62.0	61.0	59.1	58.0	56.0	54.8	52.8
90.0m												57.1	56.1	54.2	53.0	51.1	49.9	47.9
94.0m													51.6	49.7	48.5	46.6	45.4	43.4
98.0m														45.5	44.4	42.4	41.2	39.2
102.0m															40.6	38.6	37.4	35.4
106.0m															37.1	35.1	33.8	31.4
110.0m																31.5	30.1	27.7
114.0m																	26.6	24.3
118.0m																		21.0

Courtesy of Crane.Market

Working Range HSD

Working range of heavy-duty boom+SL mast+SL counterweight (HSD)

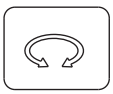


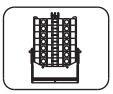
Courtesy of Crane.Market

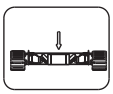
Rated Lifting Capacity Load Chart HSD

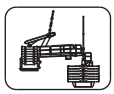

36m-138m


36m


360°


245t


95t

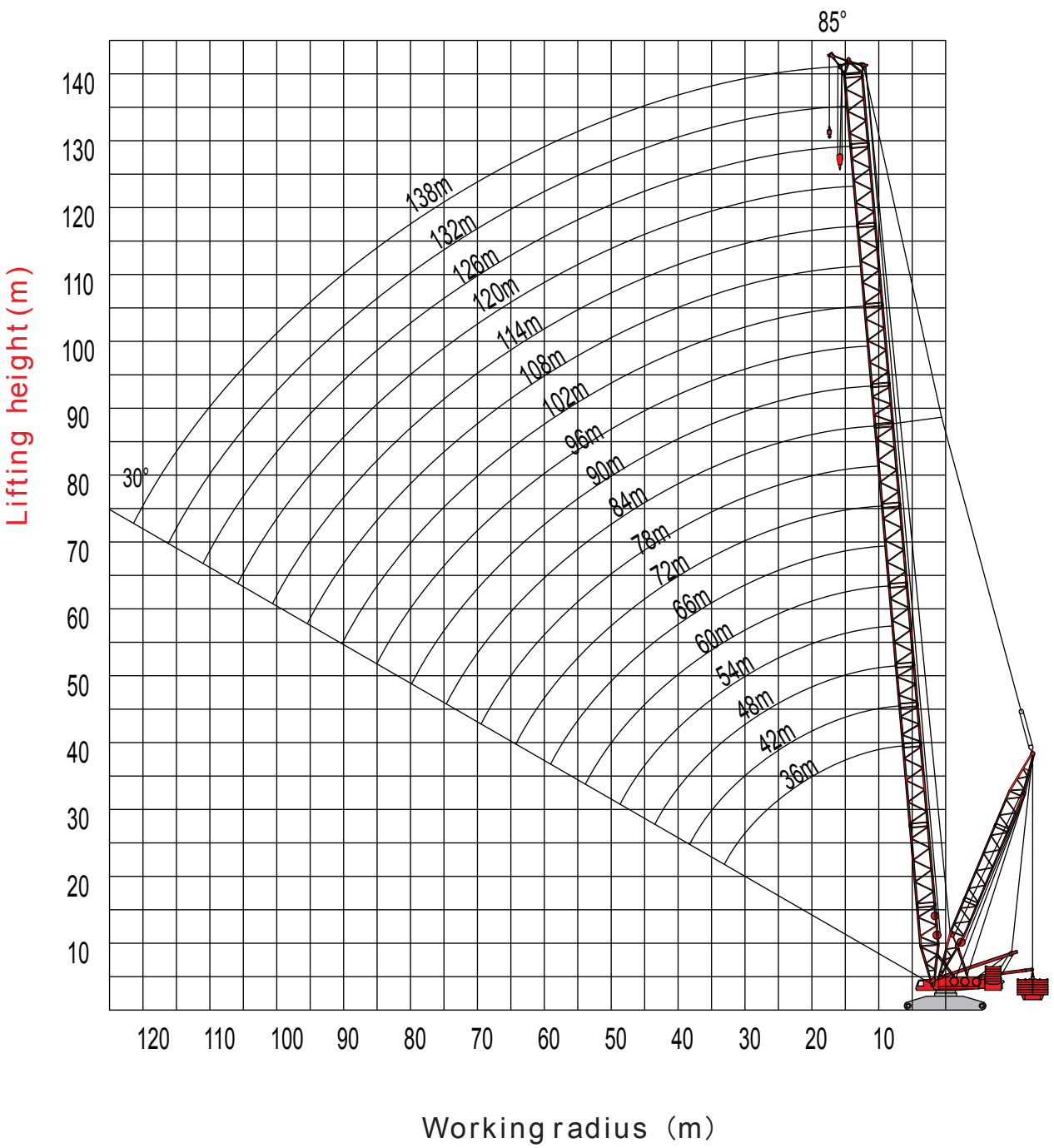

0-400t
R=18m

Working radius \ Boom length	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m	90.0m	96.0m	102.0m	108.0m	114.0m	120.0m	126.0m	132.0m	138.0m
7.0m	750.0																	
8.0m	750.0	730.3	710.8															
9.0m	715.0	700.3	684.5	659.9														
10.0m	687.0	675.8	657.4	641.5	558.8	490.8	446.4	405.3										
12.0m	650.0	642.6	633.6	577.3	554.2	484.1	445.9	403.5	347.9	313.9	273.3							
14.0m	590.0	580.3	560.2	543.2	519.7	479.2	442.5	401.4	346.4	312.1	273.3	224.6	200.0	192.3				
16.0m	552.1	540.5	527.4	509.5	485.3	464.2	437.0	399.4	344.8	310.9	273.3	224.5	199.5	191.9	170.1	145.1	123.0	
18.0m	525.5	514.0	501.6	486.0	441.2	439.4	411.6	397.3	343.1	309.7	273.3	222.8	198.1	191.6	169.4	144.4	122.3	115.0
20.0m	474.7	480.7	468.5	451.1	434.7	414.5	396.1	381.2	340.5	306.9	273.3	221.8	196.3	191.0	169.0	144.1	121.1	114.1
22.0m	429.2	456.7	445.4	433.9	411.6	390.1	370.8	355.1	334.8	301.7	273.3	220.5	194.4	190.2	168.5	143.7	120.8	112.9
24.0m	404.6	415.3	413.2	409.8	387.5	376.1	353.7	329.0	318.4	296.1	269.3	217.9	192.2	189.3	166.7	142.1	119.4	111.5
26.0m	358.1	380.4	378.3	376.8	360.4	349.0	326.6	310.9	300.5	290.1	263.9	215.0	190.7	188.1	165.9	141.4	118.8	110.1
28.0m	326.4	350.6	348.5	347.0	338.7	327.3	314.9	303.3	284.3	273.8	258.3	212.9	189.0	186.7	165.1	140.5	118.1	108.5
30.0m	290.1	324.8	322.7	321.3	318.9	309.9	297.5	286.0	276.6	267.2	252.3	210.5	186.2	185.2	163.9	139.6	117.4	106.9
34.0m	224.7	271.3	280.5	279.0	276.7	275.3	272.9	271.0	258.7	243.2	239.9	206.8	184.0	183.8	163.2	138.3	116.6	104.5
38.0m		218.7	247.2	245.8	243.5	242.1	239.7	238.1	235.8	221.7	226.8	200.8	181.8	179.9	158.7	136.7	115.5	102.7
42.0m			207.5	219.0	216.7	215.3	212.9	211.4	209.0	203.2	204.9	178.6	172.6	170.7	154.5	134.9	113.2	101.8
46.0m				195.2	194.6	193.2	190.9	189.3	186.9	185.2	182.9	158.7	157.7	155.7	147.6	131.6	111.8	99.9
50.0m					176.1	174.7	172.3	170.8	168.4	166.7	164.4	142.0	141.0	139.0	137.9	127.9	108.5	98.0
54.0m					154.0	158.9	156.6	155.1	152.7	151.0	148.6	127.8	126.8	124.8	123.7	121.7	105.2	96.2
58.0m						145.4	143.1	141.5	139.1	137.5	135.1	115.6	114.6	112.6	111.5	109.5	102.2	93.6
62.0m							131.2	129.7	127.4	125.7	123.3	105.0	104.0	102.0	100.9	98.9	97.7	90.2
66.0m								119.4	117.0	115.3	113.0	95.6	94.6	92.7	91.5	89.5	88.3	86.3
70.0m								109.8	107.8	106.2	103.8	87.4	86.4	84.4	83.3	81.3	80.1	78.1
74.0m									99.7	98.0	95.7	80.0	79.0	77.0	75.9	73.9	72.7	70.7
78.0m										90.7	88.3	73.4	72.4	70.4	69.3	67.3	66.1	64.1
82.0m											81.7	67.4	66.4	64.5	63.4	61.4	60.2	58.2
86.0m												62.0	61.0	59.1	58.0	56.0	54.8	52.8
90.0m												57.1	56.1	54.2	53.0	51.1	49.9	47.9
94.0m													51.6	49.7	48.5	46.6	45.4	43.4
98.0m														45.5	44.4	42.4	41.2	39.2
102.0m															40.6	38.6	37.4	35.4
106.0m															37.1	35.1	33.8	31.4
110.0m																31.5	30.1	27.7
114.0m																	26.6	24.3
118.0m																		21.0

Courtesy of Crane.Market

Working Range HSD

Working range of heavy-duty boom+SL mast+SL counterweight (HSD)

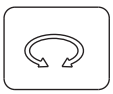


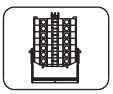
Courtesy of Crane.Market

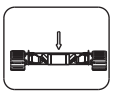
Rated Lifting Capacity Load Chart HSD

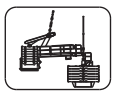

36m-138m


36m


360°


245t


95t

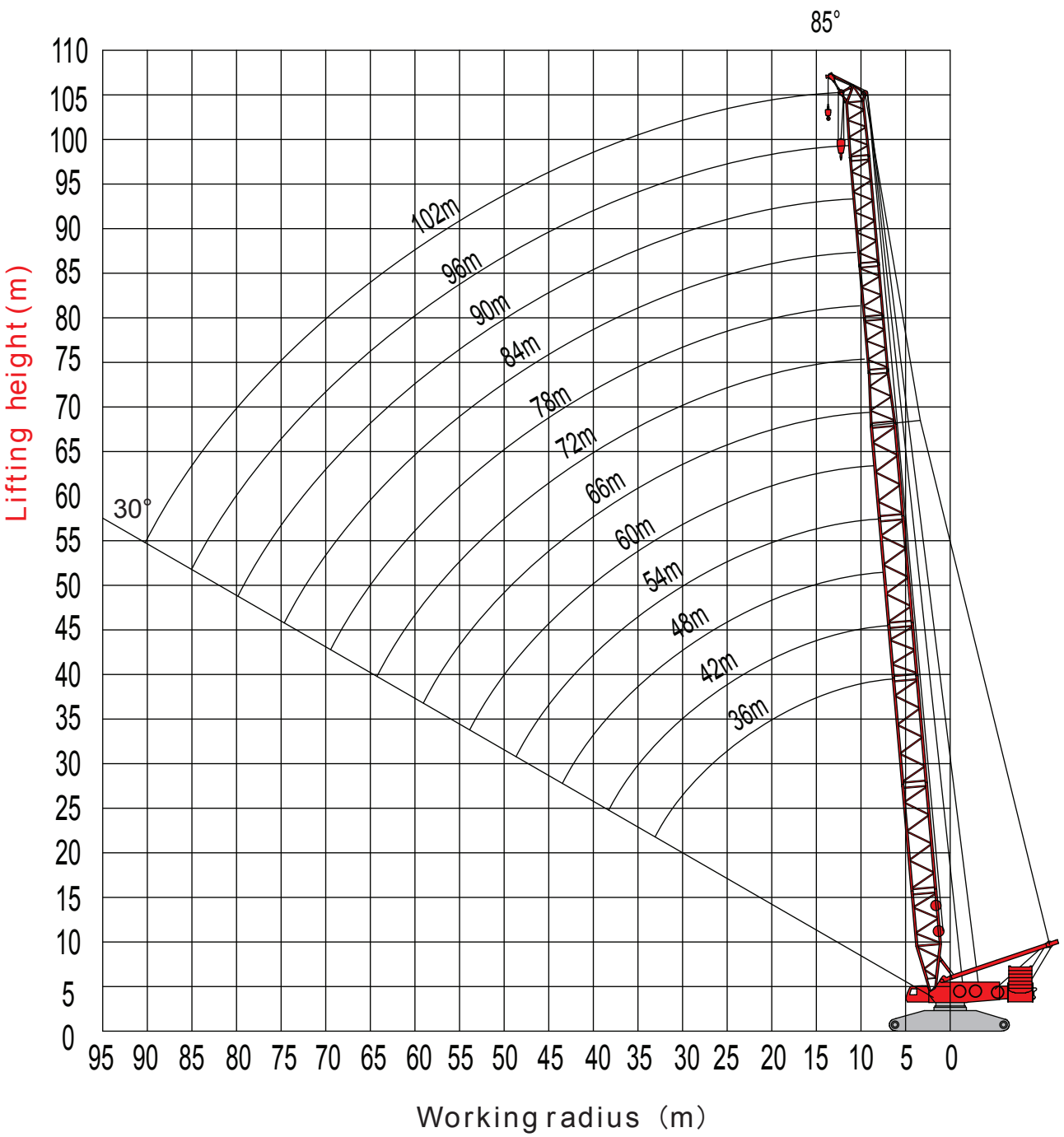

0-400t
R=20m

Working radius \ Boom length	36.0m	42.0m	48.0m	54.0m	60.0m	66.0m	72.0m	78.0m	84.0m	90.0m	96.0m	102.0m	108.0m	114.0m	120.0m	126.0m	132.0m	138.0m
7.0m	750.0																	
8.0m	750.0	730.3	710.8															
9.0m	715.0	700.3	684.5	659.9														
10.0m	687.0	675.8	657.4	641.5	558.8	490.8	446.4	405.3										
12.0m	650.0	642.6	633.6	577.3	554.2	484.1	445.9	403.5	347.9	313.9	273.3							
14.0m	590.0	580.3	560.2	543.2	519.7	479.2	442.5	401.4	346.4	312.1	273.3	224.6	200.0	192.3				
16.0m	552.1	540.5	527.4	509.5	485.3	464.2	437.0	399.4	344.8	310.9	273.3	224.5	199.5	191.9	170.1	145.1	123.0	
18.0m	525.5	514.0	501.6	486.0	441.2	439.4	411.6	397.3	343.1	309.7	273.3	222.8	198.1	191.6	169.4	144.4	122.3	115.0
20.0m	474.7	480.7	468.5	451.1	434.7	414.5	396.1	381.2	340.5	306.9	273.3	221.8	196.3	191.0	169.0	144.1	121.1	114.1
22.0m	429.2	457.5	445.4	433.9	411.6	390.1	370.8	355.1	334.8	301.7	273.3	220.5	194.4	190.2	168.5	143.7	120.8	112.9
24.0m	404.6	433.4	421.3	409.8	387.5	376.1	353.7	329.0	318.4	296.1	269.3	217.9	192.2	189.3	166.7	142.1	119.4	111.5
26.0m	358.1	402.1	404.2	382.7	360.4	349.0	326.6	310.9	300.5	290.1	263.9	215.0	190.7	188.1	165.9	141.4	118.8	110.1
28.0m	317.6	360.7	372.5	351.0	338.7	327.3	314.9	303.3	284.3	273.8	258.3	212.9	189.0	186.7	165.1	140.5	118.1	108.5
30.0m	281.4	324.6	345.1	333.6	321.3	309.9	297.5	286.0	276.6	267.2	252.3	210.5	186.2	185.2	163.9	139.6	117.4	106.9
34.0m	216.2	263.2	292.5	298.7	296.4	295.0	282.6	271.0	258.7	243.2	239.9	206.8	184.0	183.8	163.2	138.3	116.6	104.5
38.0m		210.8	243.1	263.4	261.1	259.6	257.3	255.7	243.4	221.7	226.8	200.8	181.8	179.9	158.7	136.7	115.5	102.7
42.0m			200.4	224.0	232.6	231.2	228.8	227.2	224.9	203.2	213.2	178.6	172.6	170.7	154.5	134.9	113.2	101.8
46.0m				188.8	204.8	207.7	205.3	203.8	201.4	199.7	197.4	158.7	157.7	155.7	147.6	131.6	111.8	99.9
50.0m					175.5	187.8	185.7	184.1	181.7	180.0	177.7	142.0	141.0	139.0	137.9	127.9	108.5	98.0
54.0m					148.3	163.3	168.9	167.4	165.0	163.3	161.0	127.8	126.8	124.8	123.7	121.7	105.2	96.2
58.0m						140.3	150.2	153.0	150.6	148.9	146.6	115.6	114.6	112.6	111.5	109.5	102.2	93.6
62.0m							130.7	138.6	138.1	136.4	134.0	105.0	104.0	102.0	100.9	98.9	97.7	90.2
66.0m								121.8	126.6	125.4	123.0	95.6	94.6	92.7	91.5	89.5	88.3	86.3
70.0m								105.6	112.1	115.7	113.3	87.4	86.4	84.4	83.3	81.3	80.1	78.1
74.0m									98.1	103.4	104.6	80.0	79.0	77.0	75.9	73.9	72.7	70.7
78.0m										91.2	94.1	73.4	72.4	70.4	69.3	67.3	66.1	64.1
82.0m											83.4	67.4	66.4	64.5	63.4	61.4	60.2	58.2
86.0m												62.0	61.0	59.1	58.0	56.0	54.8	52.8
90.0m												57.1	56.1	54.2	53.0	51.1	49.9	47.9
94.0m													51.6	49.7	48.5	46.6	45.4	43.4
98.0m														45.5	44.4	42.4	41.2	39.2
102.0m															40.6	38.6	37.4	35.4
106.0m															37.1	35.1	33.8	31.4
110.0m																31.5	30.1	27.7
114.0m																	26.6	24.3
118.0m																		21.0

Courtesy of Crane.Market

Working Range H/L

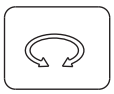
Working range of heavy-duty and light-duty boom(H/L)

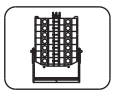


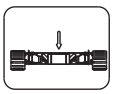
Courtesy of Crane.Market

Rated Lifting Capacity Load Chart H/L

 36m–102m

 360°

 245t

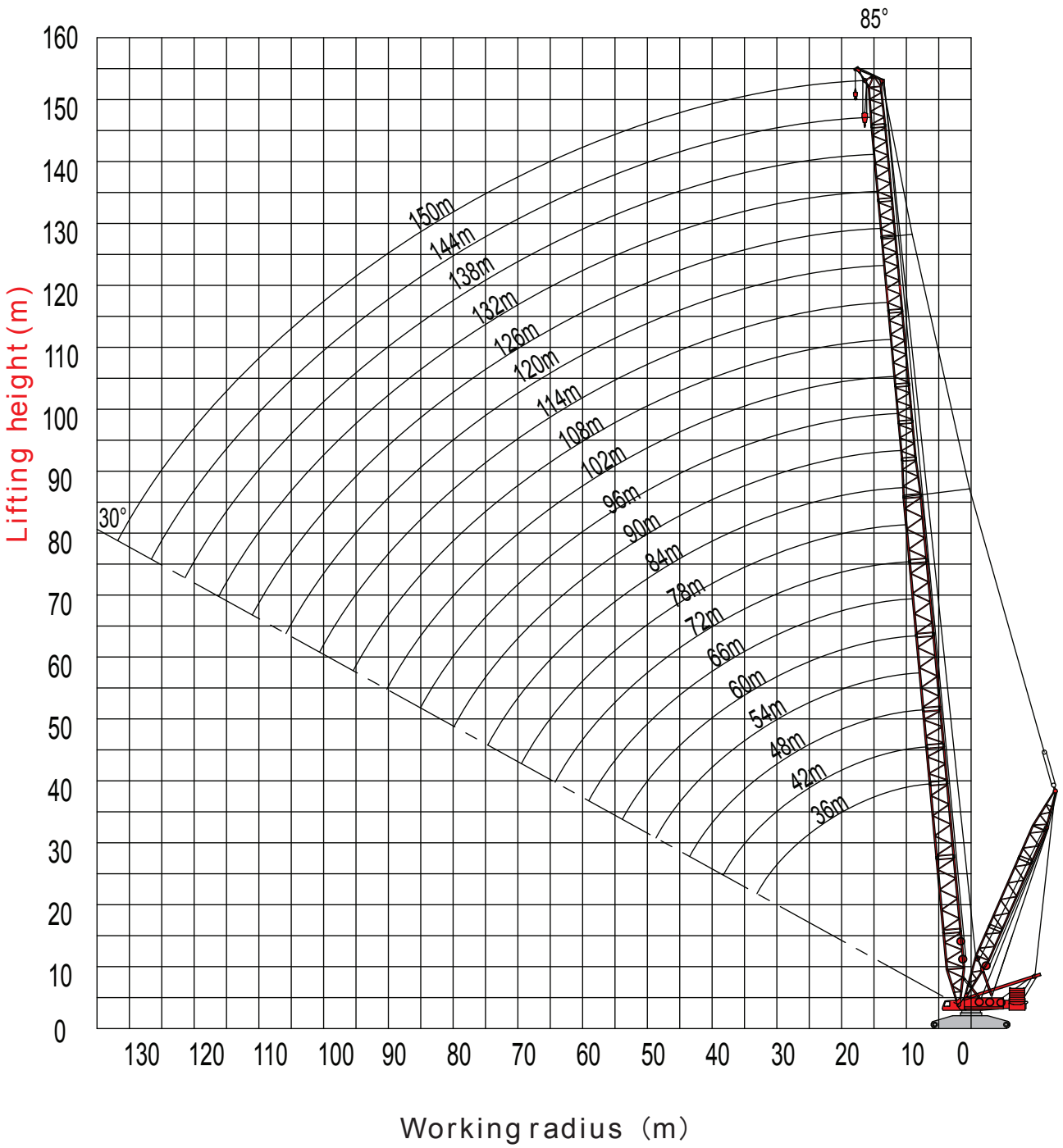
 95t

Working radius \ Boom length	36m	42m	48m	54m	60m	66m	72m	78m	84m	90m	96m	102m
7m	400.0											
8m	400.0	400.0	400.0									
9m	400.0	400.0	400.0	390.0	377.0							
10m	395.3	388.6	381.6	367.1	353.0	344.7	325.0					
11m	375.2	367.6	357.3	339.0	327.0	315.2	297.7	286.0	259.0			
12m	345.0	341.8	325.0	312.0	302.0	287.8	271.4	263.3	243.8	220.0	193.0	
13m	321.3	318.5	299.9	290.3	278.0	265.3	250.8	243.4	228.2	210.3	187.2	172.0
14m	295.0	290.0	277.6	269.4	255.0	243.6	231.0	224.2	213.2	201.0	181.0	163.2
16m	258.0	255.4	240.3	230.0	221.0	208.0	200.0	195.9	185.4	181.1	167.0	150.3
18m	217.6	216.5	211.0	204.0	192.3	184.0	176.3	172.0	165.8	163.1	151.2	138.5
20m	187.1	186.0	184.6	180.0	172.4	165.2	157.0	151.0	148.0	145.6	136.0	127.5
22m	163.6	162.4	160.9	160.2	155.4	147.9	142.4	135.9	132.7	128.6	123.0	117.4
24m	145.0	143.7	142.1	141.4	139.7	134.0	130.4	125.0	122.9	116.8	111.0	108.1
26m	129.8	128.4	126.8	126.0	125.0	123.7	120.5	117.5	114.2	107.2	102.7	100.8
28m	117.1	115.7	114.1	113.3	112.2	110.9	109.0	108.0	105.9	101.0	97.1	94.0
30m	106.5	105.1	103.4	102.6	101.5	100.1	98.2	97.2	95.7	94.8	92.6	88.7
34m		88.0	86.4	85.5	84.3	83.0	81.0	79.9	78.4	77.9	76.4	74.5
38m		75.0	73.4	72.4	71.3	69.9	67.9	66.8	65.2	64.7	63.6	62.1
42m			63.1	62.2	61.0	59.6	57.6	56.5	54.9	54.3	53.2	52.3
46m				53.9	52.7	51.3	49.3	48.1	46.5	45.9	44.8	43.9
50m					45.9	44.4	42.4	41.2	39.6	39.0	37.9	36.9
54m					40.1	38.6	36.6	35.4	33.8	33.2	32.1	31.1
58m						33.7	31.7	30.5	28.9	28.2	27.1	26.2
62m							27.5	26.3	24.6	24.0	22.9	21.9
66m								22.6	20.9	20.3	19.2	18.2
70m								19.3	17.7	17.0	15.9	14.9
74m									14.8	14.1	13.0	12.0
78m										11.6	10.5	9.5
82m											8.2	7.1

Courtesy of Crane.Market

Working Range HS/L

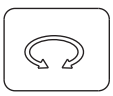
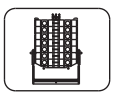
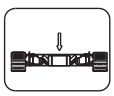
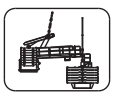
Working range of heavy-duty and light-duty boom+SL mast(HS/L)



Courtesy of Crane.Market

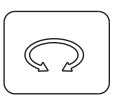
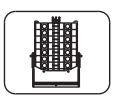
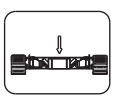
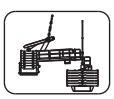
Rated Lifting Capacity Load Chart HS/L


36m-150m

36m

360°

245t

95t

0t
R=13m

Working radius \ Boom length	36m	48m	60m	72m	84m	96m	108m	120m	132m	144m	150m
8m	333.0	330.0									
10m	332.9	326.7	322.0	335.0							
12m	324.8	315.7	300.7	281.2	254.1	220.0					
14m	272.8	260.1	256.7	243.1	222.8	204.8	180.0	135.0			
16m	231.3	223.6	215.1	211.5	195.3	179.2	170.2	133.9	100.0	68.0	
18m	200.2	196.4	189.9	179.2	169.4	159.7	150.6	132.7	100.0	65.6	54.2
20m	175.9	172.1	166.6	155.8	150.3	142.9	137.8	127.9	100.0	63.1	52.6
22m	156.4	152.6	150.1	136.3	135.0	129.8	121.4	115.1	99.0	60.7	51.1
24m	140.5	136.7	134.1	122.3	120.2	117.2	111.0	101.8	91.5	58.3	49.5
26m	127.2	123.3	120.8	113.0	107.0	105.2	101.1	95.0	84.0	55.8	47.9
28m	115.9	112.1	109.5	102.0	98.8	96.1	92.2	86.0	77.1	53.4	46.3
30m	106.3	102.4	99.9	96.0	89.2	85.7	82.8	77.0	72.1	51.0	44.7
34m		86.7	84.1	80.2	74.6	72.3	67.6	64.0	59.3	46.1	41.6
38m		74.4	71.9	67.9	63.5	60.3	55.7	52.3	47.7	41.2	38.4
42m		64.6	62.0	58.1	53.8	50.7	46.3	42.9	38.4	34.5	32.6
46m			54.0	50.1	45.8	42.8	38.5	35.2	30.8	27.2	25.3
50m			47.3	43.3	39.2	36.3	32.0	28.8	24.5	21.0	19.2
54m			41.6	37.7	33.6	30.7	26.5	23.4	19.2	15.8	14.0
58m				32.8	28.7	26.0	21.8	18.7	14.6	11.3	9.6
62m				28.5	24.6	21.8	17.7	14.7	10.6	7.4	5.8


36m-150m

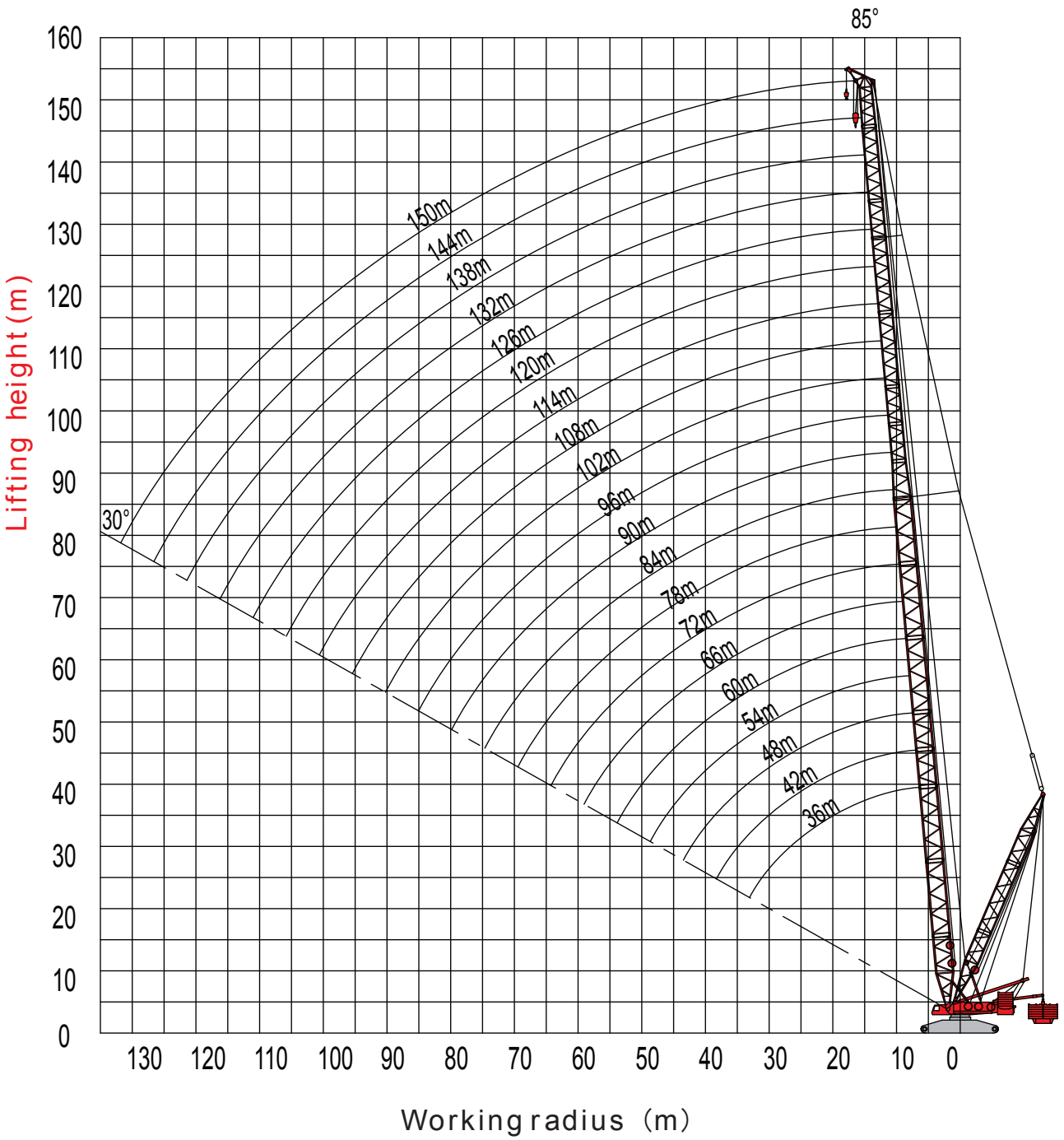
36m

360°

245t

95t

0t
R=15m

Working radius \ Boom length	36m	48m	60m	72m	84m	96m	108m	120m	132m	144m	150m
8m	333.0	330.0									
10m	332.9	326.7	322.0	335.0							
12m	324.8	315.7	300.7	281.2	254.1	220.0					
14m	272.8	260.1	256.7	243.1	222.8	204.8	180.0	135.0			
16m	231.3	223.6	215.1	211.5	195.3	179.2	170.2	133.9	100.0	68.0	
18m	200.2	196.4	189.9	179.2	169.4	159.7	150.6	132.7	100.0	65.6	54.2
20m	175.9	172.1	166.6	155.8	150.3	142.9	137.8	127.9	100.0	63.1	52.6
22m	156.4	152.6	150.1	136.3	135.0	129.8	121.4	115.1	99.0	60.7	51.1
24m	140.5	136.7	134.1	122.3	120.2	117.2	111.0	101.8	91.5	58.3	49.5
26m	127.2	123.3	120.8	113.0	107.0	105.2	101.1	95.0	84.0	55.8	47.9
28m	115.9	112.1	109.5	102.0	98.8	96.1	92.2	86.0	77.1	53.4	46.3
30m	106.3	102.4	99.9	96.0	89.2	85.7	82.8	77.0	72.1	51.0	44.7
34m		86.7	84.1	80.2	74.6	72.3	67.6	64.0	59.3	46.1	41.6
38m		74.4	71.9	67.9	63.5	60.3	55.7	52.3	47.7	41.2	38.4
42m		64.6	62.0	58.1	53.8	50.7	46.3	42.9	38.4	34.5	32.6
46m			54.0	50.1	45.8	42.8	38.5	35.2	30.8	27.2	25.3
50m			47.3	43.3	39.2	36.3	32.0	28.8	24.5	21.0	19.2
54m			41.6	37.7	33.6	30.7	26.5	23.4	19.2	15.8	14.0
58m				32.8	28.7	26.0	21.8	18.7	14.6	11.3	9.6
62m				28.5	24.6	21.8	17.7	14.7	10.6	7.4	5.8
66m					20.9	18.2	14.1	11.2	7.1	4.0	3.2t/65m

Courtesy of Crane.Market

Working Range HSD/L

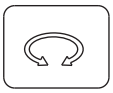
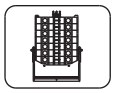
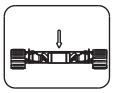
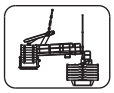
Working range of heavy-duty and light-duty boom+SLmast+SL counterweight(HSD/L)



Courtesy of Crane.Market

Rated Lifting Capacity Load Chart HSD/L


36m–150m

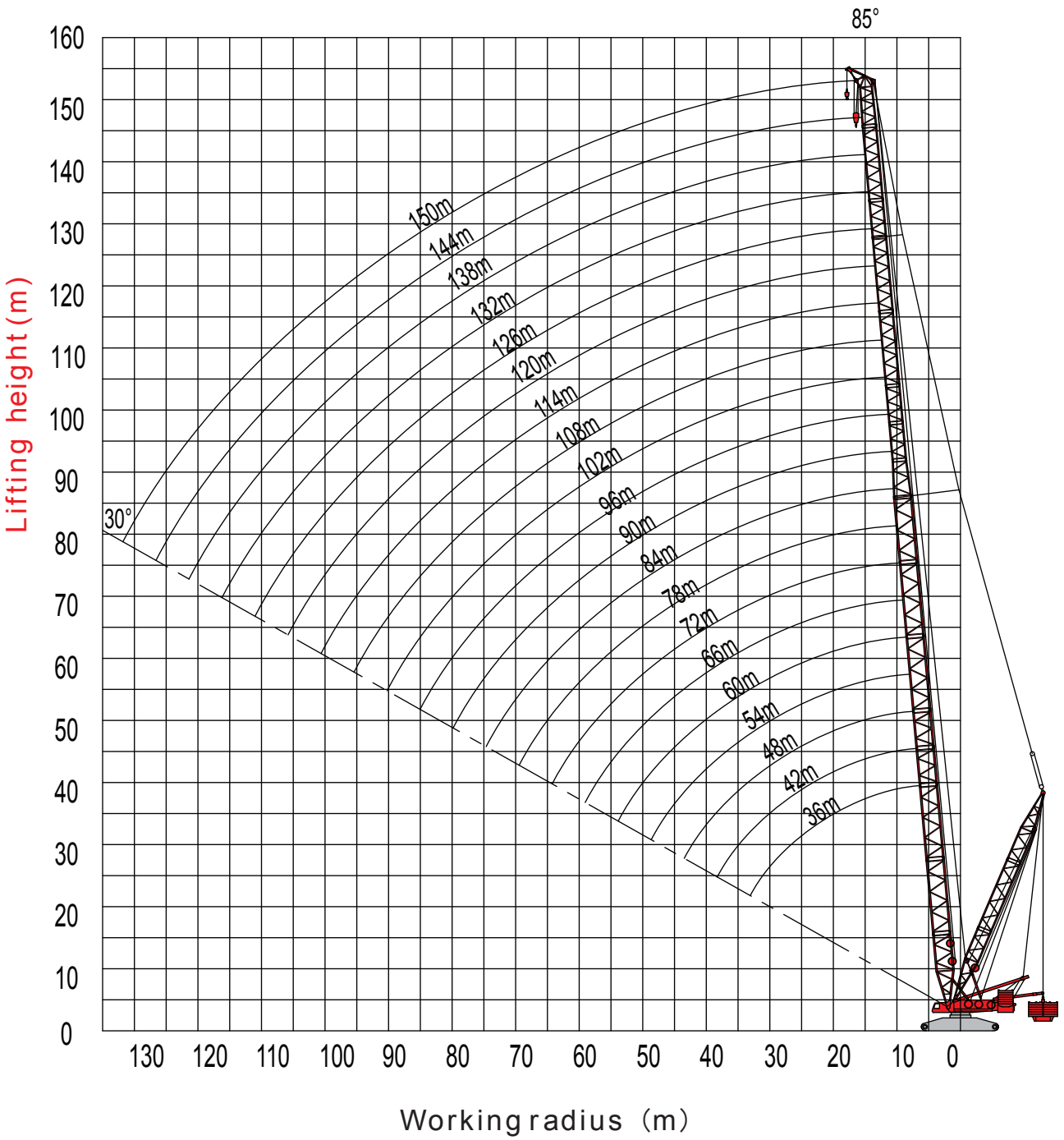
36m

360°

245t

95t

0-400t
R=13m

Working radius \ Boom length	36m	48m	60m	72m	84m	96m	108m	120m	132m	144m	150m
8m	400.0	400.0									
10m	400.0	400.0	395.0	375.0							
12m	400.0	400.0	395.0	371.0	310.0	220.0					
14m	400.0	400.0	392.3	368.1	310.0	220.0	180.0	138.0			
16m	400.0	400.0	390.3	367.2	307.0	220.0	178.3	136.2	102.0	69.2	
18m	400.0	400.0	387.3	365.3	302.3	218.0	176.7	134.3	102.0	69.2	57.0
20m	400.0	400.0	386.2	364.6	291.4	217.0	175.0	132.5	102.0	69.2	57.0
22m	368.7	364.8	362.1	358.3	284.2	216.1	172.8	130.7	101.9	69.1	56.9
24m	335.9	332.0	329.4	325.6	273.3	209.8	170.6	128.8	100.6	68.2	56.2
26m	308.2	304.3	301.7	297.9	264.1	203.4	168.4	127.0	99.3	67.3	55.5
28m	284.5	280.7	278.1	274.3	260.0	199.1	166.2	126.2	98.0	66.5	54.7
30m	263.3	260.2	257.6	253.8	250.7	194.8	164.0	125.5	96.7	65.6	54.0
34m		226.5	224.0	220.2	217.1	185.1	157.0	123.9	93.5	63.4	52.2
38m		200.0	197.5	193.7	190.6	180.3	149.9	122.4	90.3	61.2	50.4
42m		178.6	176.1	172.4	169.1	166.0	141.5	118.0	87.1	59.1	48.7
46m			158.5	154.8	150.7	147.7	134.4	113.5	84.0	57.0	46.9
50m			143.4	139.5	135.3	132.4	127.7	107.4	80.9	54.9	45.2
54m			130.3	126.4	122.3	119.4	115.2	103.5	77.8	52.7	43.4
58m				115.2	111.1	108.4	104.2	99.3	74.7	50.6	41.7
62m				105.4	101.5	98.7	94.6	91.6	71.8	48.7	40.1
66m					93.0	90.3	86.3	83.3	69.2	46.9	38.6
70m					85.5	82.9	78.9	75.9	66.7	45.2	37.2
74m					78.9	76.3	72.3	69.4	64.1	43.4	35.7
78m						70.4	66.4	63.5	59.6	41.6	34.3
82m						65.0	61.1	58.3	54.3	39.9	32.8
86m							56.3	53.5	49.6	38.2	31.5
90m							51.9	49.2	45.2	36.1	29.7
94m							47.9	45.2	41.3	33.4	27.5
98m								41.5	37.7	30.9	25.4
102m								38.2	34.4	28.3	23.3
106m								35.1	31.3	26.0	21.4
110m									28.4	23.6	19.4
114m									25.8	21.3	17.5
118m										18.9	15.6

Courtesy of Crane.Market

Working Range HSD/L

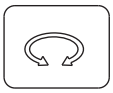
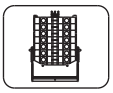
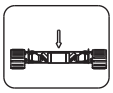
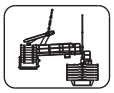
Working range of heavy-duty and light-duty boom+SLmast+SL counterweight(HSD/L)



Courtesy of Crane.Market

Rated Lifting Capacity Load Chart HSD/L


36m-150m

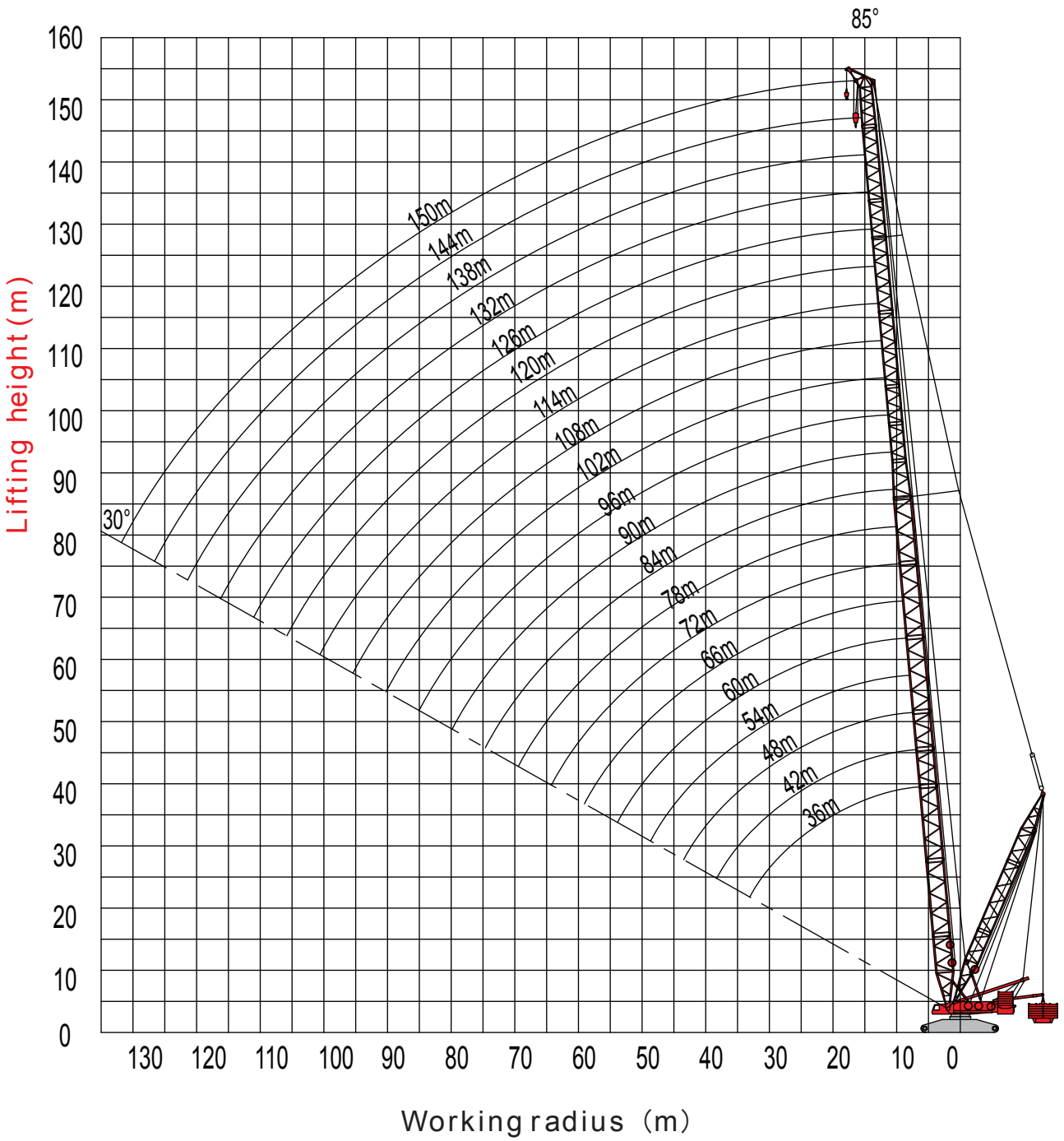
36m

360°

245t

95t

0-400t
R=15m

Working radius \ Boom length	36m	48m	60m	72m	84m	96m	108m	120m	132m	144m	150m
8m	400.0	400.0									
10m	400.0	400.0	395.0	375.0							
12m	400.0	400.0	395.0	371.0	310.0	220.0					
14m	400.0	400.0	392.3	368.1	310.0	220.0	180.0	138.0			
16m	400.0	400.0	390.3	367.2	307.0	220.0	178.3	136.2	102.0	69.2	
18m	400.0	400.0	387.3	365.3	302.3	218.0	176.7	134.3	102.0	69.2	57.0
20m	400.0	400.0	386.2	364.6	291.4	217.0	175.0	132.5	102.0	69.2	57.0
22m	399.6	392.2	374.3	362.0	284.2	216.1	172.8	130.7	101.9	69.1	56.9
24m	359.2	360.3	347.4	339.0	273.3	209.8	170.6	128.8	100.6	68.2	56.2
26m	320.6	330.4	327.8	324.0	264.1	203.4	168.4	127.0	99.3	67.3	55.5
28m	286.9	304.9	302.3	298.5	260.0	199.1	166.2	126.2	98.0	66.5	54.7
30m	256.9	282.8	280.2	276.4	252.0	194.8	164.0	125.5	96.7	65.6	54.0
34m		246.4	243.9	240.1	237.0	185.1	157.0	123.9	93.5	63.4	52.2
38m		217.8	215.3	211.5	208.4	180.3	149.9	122.4	90.3	61.2	50.4
42m		189.3	192.2	188.4	185.3	170.1	141.5	118.0	87.1	59.1	48.7
46m			173.2	169.4	165.5	162.5	134.4	113.5	84.0	57.0	46.9
50m			156.9	153.0	148.9	145.9	127.7	107.4	80.9	54.9	45.2
54m			138.8	138.9	134.8	132.0	123.3	103.5	77.8	52.7	43.4
58m				126.8	122.8	120.0	114.2	99.3	74.7	50.6	41.7
62m				116.3	112.3	109.6	105.5	94.6	71.8	48.7	40.1
66m					103.2	100.5	96.4	91.7	69.2	46.9	38.6
70m					95.1	92.5	88.5	85.5	66.7	45.2	37.2
74m					86.6	85.3	81.3	78.4	64.1	43.4	35.7
78m						78.9	75.0	72.1	61.4	41.6	34.3
82m						73.2	69.3	66.4	58.8	39.9	32.8
86m							64.1	61.3	56.1	38.2	31.5
90m							59.3	56.6	52.3	36.1	29.7
94m							55.0	52.3	48.4	33.4	27.5
98m								48.3	44.5	30.9	25.4
102m								44.7	40.9	28.3	23.3
106m								41.4	37.5	26.0	21.4
110m									34.5	23.6	19.4
114m									31.4	21.3	17.5
118m										18.9	15.6

Courtesy of Crane.Market

Working Range HSD/L

Working range of heavy-duty and light-duty boom+SLmast+SL counterweight(HSD/L)

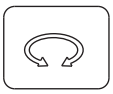


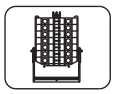
Courtesy of Crane.Market

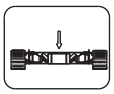
Rated Lifting Capacity Load Chart HSD/L

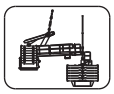

36m-150m


36m


360°


245t


95t

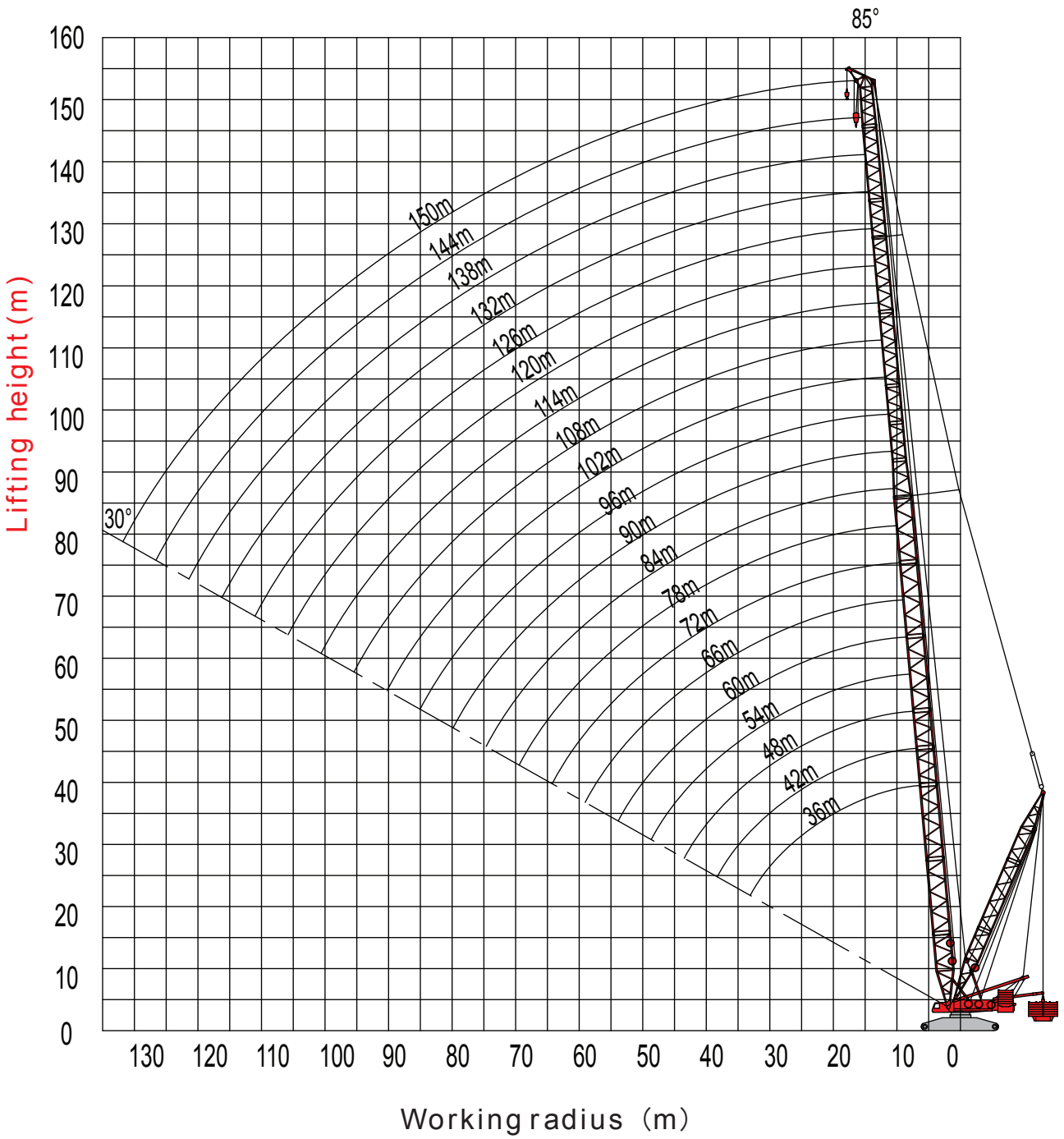

0-400t
R=18m

Working radius \ Boom length	36m	48m	60m	72m	84m	96m	108m	120m	132m	144m	150m
8m	400.0	400.0									
10m	400.0	400.0	395.0	375.0							
12m	400.0	400.0	395.0	371.0	310.0	220.0					
14m	400.0	400.0	392.3	368.1	310.0	220.0	180.0	138.0			
16m	400.0	400.0	392.3	367.2	307.0	220.0	178.3	136.2	102.0	69.2	
18m	400.0	400.0	387.3	365.3	302.3	218.0	176.7	134.3	102.0	69.2	57.0
20m	400.0	400.0	386.2	364.6	291.4	217.0	175.0	132.5	102.0	69.2	57.0
22m	400.0	394.1	374.3	362.0	284.2	216.1	172.8	130.7	101.9	69.1	56.9
24m	366.1	364.0	347.4	339.0	273.3	209.8	170.6	128.8	100.6	68.2	56.2
26m	327.2	338.1	329.5	325.2	264.1	203.4	168.4	127.0	99.3	67.3	55.5
28m	293.4	315.6	310.1	305.5	260.0	199.1	166.2	126.2	98.0	66.5	54.7
30m	263.3	295.8	288.0	283.5	252.0	194.8	164.0	125.5	96.7	65.6	54.0
34m		262.4	253.5	247.2	239.4	185.1	157.0	123.9	93.5	63.4	52.2
38m		229.9	224.5	218.6	213.1	180.3	149.9	122.4	90.3	61.2	50.4
42m		194.5	201.9	195.4	191.3	170.1	141.5	118.0	87.1	59.1	48.7
46m			182.7	176.1	172.7	162.5	134.4	113.5	84.0	57.0	46.9
50m			160.2	159.9	156.6	150.6	127.7	107.4	80.9	54.9	45.2
54m			138.8	145.9	142.3	138.0	123.3	103.5	77.8	52.7	43.4
58m				133.1	128.6	126.7	114.2	99.3	74.7	50.6	41.7
62m				119.0	115.9	113.5	105.9	94.6	71.8	48.7	40.1
66m					105.6	103.3	98.4	91.7	69.2	46.9	38.6
70m					96.4	94.2	91.5	85.8	66.7	45.2	37.2
74m					86.6	84.5	85.1	80.1	64.1	43.4	35.7
78m						79.0	79.0	73.6	61.4	41.6	34.3
82m						73.3	73.1	68.3	58.8	39.9	32.8
86m							67.2	63.4	56.1	38.2	31.5
90m							61.5	58.7	52.3	36.1	29.7
94m							55.9	54.3	48.6	33.4	27.5
98m								50.1	45.1	30.9	25.4
102m								45.9	41.8	28.3	23.3
106m								42.7	38.3	26.0	21.4
110m									34.8	23.6	19.4
114m									31.4	21.3	17.5
118m										18.9	15.6

Courtesy of Crane.Market

Working Range HSD/L

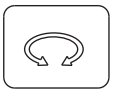
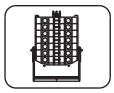
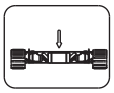
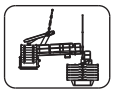
Working range of heavy-duty and light-duty boom+SLmast+SL counterweight(HSD/L)



Courtesy of Crane.Market

Rated Lifting Capacity Load Chart HSD/L


36m-150m

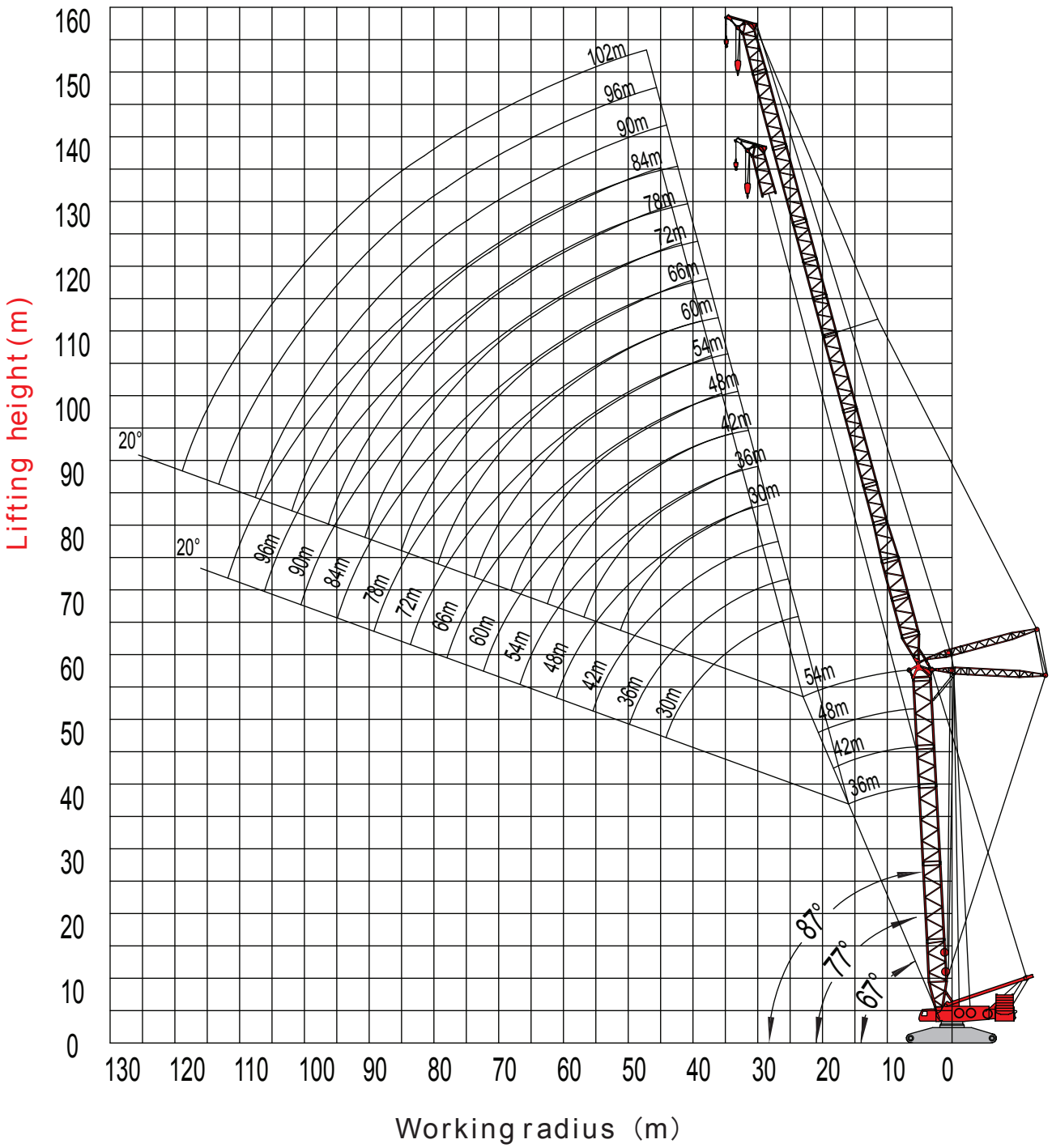
36m

360°

245t

95t

0-400t
R=20m

Working radius \ Boom length	36m	48m	60m	72m	84m	96m	108m	120m	132m	144m	150m
8m		400.0									
10m	400.0	400.0	395.0	375.0							
12m	400.0	400.0	395.0	371.0	310.0	220.0					
14m	400.0	400.0	392.3	368.1	310.0	220.0	180.0	138.0			
16m	400.0	400.0	390.3	367.2	307.0	220.0	178.3	136.2	102.0	69.2	
18m	400.0	400.0	387.3	365.3	302.3	218.0	176.7	134.3	102.0	69.2	57.0
20m	400.0	400.0	386.2	364.6	291.4	217.0	175.0	132.5	102.0	69.2	57.0
22m	400.0	392.2	374.3	362.0	284.2	216.1	172.8	130.7	101.9	69.1	56.9
24m	359.2	361.5	347.4	339.0	273.3	209.8	170.6	128.8	100.6	68.2	56.2
26m	320.6	335.2	329.5	325.2	264.1	203.4	168.4	127.0	99.3	67.3	55.5
28m	286.9	312.3	310.1	309.1	260.0	199.1	166.2	126.2	98.0	66.5	54.7
30m	256.9	292.1	288.0	286.5	252.0	194.8	164.0	125.5	96.7	65.6	54.0
34m		257.9	253.5	249.2	239.4	185.1	157.0	123.9	93.5	63.4	52.2
38m		224.9	224.5	219.7	213.1	180.3	149.9	122.4	90.3	61.2	50.4
42m		189.3	201.9	195.7	191.3	170.1	141.5	118.0	87.1	59.1	48.7
46m			182.7	175.8	172.7	162.5	134.4	113.5	84.0	57.0	46.9
50m			160.2	159.0	156.6	150.6	127.7	107.4	80.9	54.9	45.2
54m			138.8	144.5	142.3	138.0	123.5	103.5	77.8	52.7	43.4
58m				131.0	128.6	126.7	117.1	99.3	74.7	50.6	41.7
62m				116.4	115.9	113.5	108.1	94.6	71.8	48.7	40.1
66m					105.6	103.3	100.0	91.7	69.2	46.9	38.6
70m					96.4	94.2	92.6	87.9	66.7	45.2	37.2
74m					86.6	84.5	85.7	81.7	64.1	43.4	35.7
78m						79.0	79.2	73.6	61.4	41.6	34.3
82m						73.3	73.1	68.3	58.8	39.9	32.8
86m							67.2	63.4	56.4	38.2	31.5
90m							61.5	58.7	53.2	36.1	29.7
94m							55.9	54.3	49.2	33.4	27.5
98m								50.1	45.5	30.9	25.4
102m								45.9	41.8	28.3	23.3
106m								42.7	38.3	26.0	21.4
110m									34.8	23.6	19.4
114m									31.4	21.3	17.5
118m										18.9	15.6

Courtesy of Crane.Market

Working Range HT

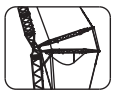
Working range of luffing jib(HT)

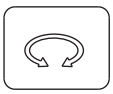


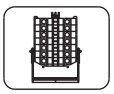
Courtesy of Crane.Market

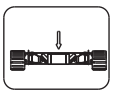
Rated Lifting Capacity Load Chart HT


87°, 77°, 67°
36m－60m


30m －102m


360°


245t


95t

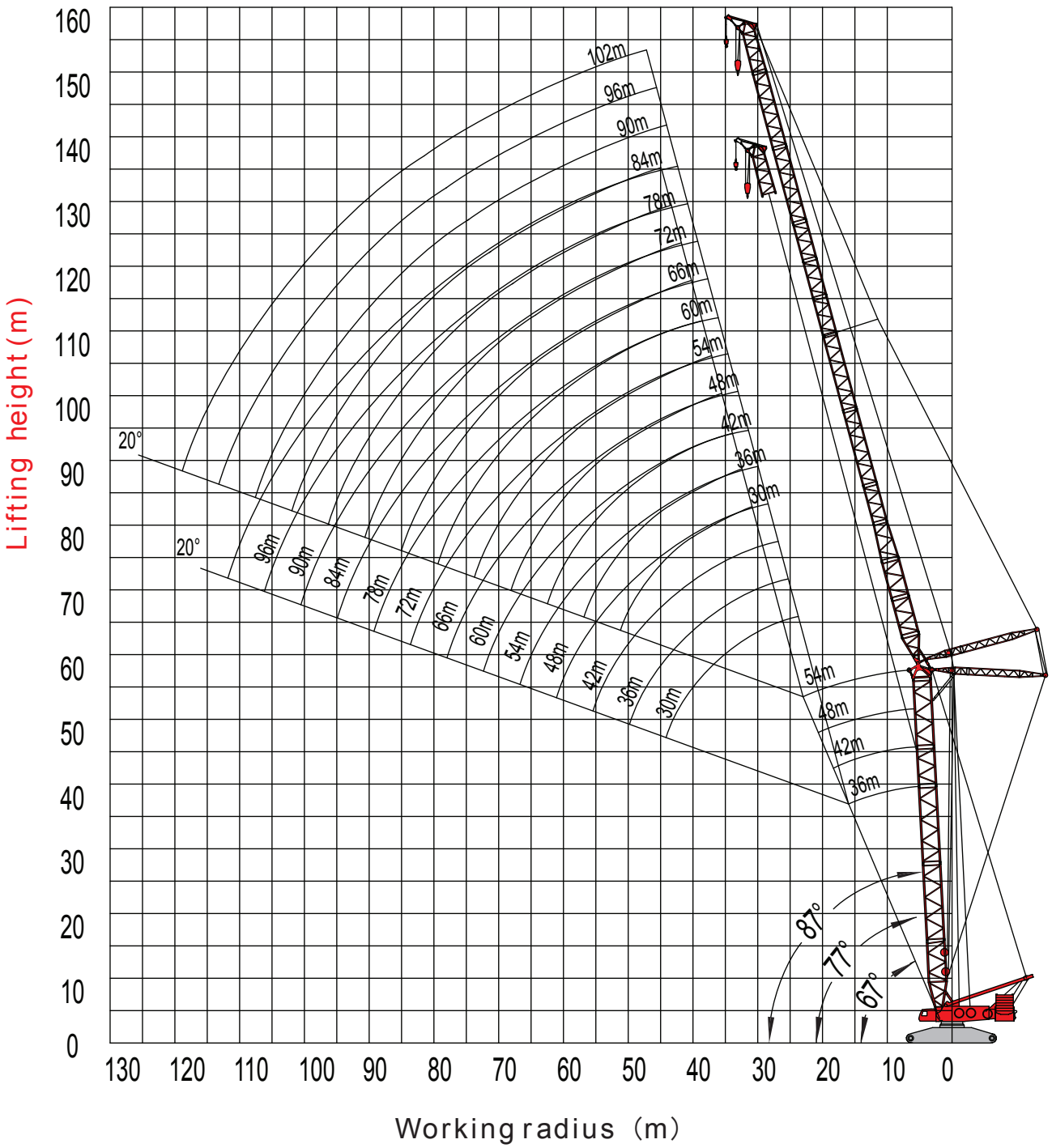
Boom length	36.0m																				
Jib length	30.0m			36.0m			42.0m			48.0m			54.0m			60.0m			66.0m		
Boom angle	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°
16.0m	245.7																				
18.0m	215.2			210.1																	
20.0m	191.1			186.8			182.2			178.2											
22.0m	171.8			168.0			163.9			160.4			156.8								
24.0m	155.9			152.5			148.7			145.6			142.4			139.0					
26.0m	142.5	128.5		139.4			136.0			133.2			130.3			127.1			124.2		
28.0m	131.2	118.1		128.3			125.1			122.5			119.8			116.9			114.3		
30.0m	121.3	109.2		118.8	106.5		115.7			113.3			110.8			108.1			105.6		
32.0m		100.5		110.5	98.9		107.6	96.0		105.3			103.0			100.4			98.0		
34.0m		92.7		102.4	91.7		100.4	89.5		98.3	87.3		96.0			93.5			91.3		
36.0m		85.8		94.9	84.9		93.8	83.4		92.0	81.6		89.9			87.5			85.4		
38.0m			71.1		79.0		87.2	77.5		86.4	76.5		84.4	74.5		82.1			80.0		
40.0m			66.3		73.7	65.0	81.3	72.2		80.8	71.3		79.4	70.0		77.2	67.7		75.2		
44.0m						57.0		63.3	55.3	70.9	62.4		70.1	61.3		68.8	59.9		66.9	58.1	
48.0m						50.3			48.7		55.1	47.6	62.0	54.1		60.8	52.6		59.8	51.4	
52.0m									43.2		49.0	42.2		48.0	41.0	54.0	46.6		53.1	45.4	
56.0m												37.6		42.9	36.4	48.3	41.5	34.9	47.4	40.3	
60.0m															32.5		37.1	31.0	42.5	35.9	29.6
64.0m															29.1			27.6		32.2	26.3
68.0m																		24.6		28.8	23.3
72.0m																					20.7
76.0m																					

Boom length	36.0m																				
Jib length	72.0m			78.0m			84.0m			90.0m			96.0m			102.0m					
Boom angle	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°			
28.0m	111.5																				
30.0m	103.0			93.2																	
32.0m	95.6			93.2			84.8														
34.0m	89.0			86.7			84.8			73.2			65.8								
36.0m	83.1			80.9			79.2			73.2			65.8			53.2					
38.0m	77.9			75.8			74.1			73.2			65.8			53.2					
40.0m	73.2			71.1			69.5			67.2			65.8			53.2					
44.0m	65.0			63.0			61.6			59.6			58.1			53.2					
48.0m	58.2	49.9		56.3	48.0		54.9			53.1			51.7			49.8					
52.0m	51.9	44.0		50.6	42.7		49.3	41.5		47.5			46.2			44.4					
56.0m	46.2	39.0		45.1	37.7		44.5	36.9		42.7	35.4		41.4	34.1		39.7					
60.0m	41.4	34.7		40.2	33.3		39.6	32.6		38.4	31.2		37.3	30.4		35.7	28.7				
64.0m	37.1	30.9	24.8	36.0	29.6		35.4	28.8		34.2	27.5		33.5	26.6		32.1	25.3				
68.0m		27.6	21.9	32.3	26.3	20.5	31.7	25.6		30.5	24.2		29.8	23.4		28.6	22.1				
72.0m		24.7	19.4	29.0	23.4	17.9	28.4	22.7	17.1	27.2	21.4		26.5	20.5		25.3	19.2				
76.0m			17.1		20.8	15.7	25.5	20.1	14.8	24.3	18.8	13.4	23.6	18.0	12.5	22.4	16.7				
80.0m						13.6		17.8	12.8	21.7	16.5	11.4	21.0	15.7	10.5	19.9	14.4	9.1			
84.0m						11.8		15.7	11.0		14.4	9.6	18.7	13.6	8.7	17.5	12.3	7.3			
88.0m									9.3		12.5	8.0	16.6	11.8	7.1	15.4	10.5	5.7			
92.0m												6.5		10.1	5.6	13.5	8.8	4.2			
96.0m															4.2		7.2	2.9			
100.0m															3.0			1.6			

Courtesy of Crane.Market

Working Range HT

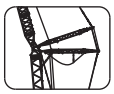
Working range of luffing jib(HT)

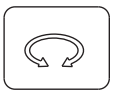


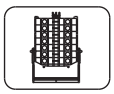
Courtesy of Crane.Market

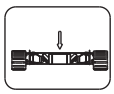
Rated Lifting Capacity Load Chart HT


87°, 77°, 67°
36m－60m


30m －102m


360°


245t


95t

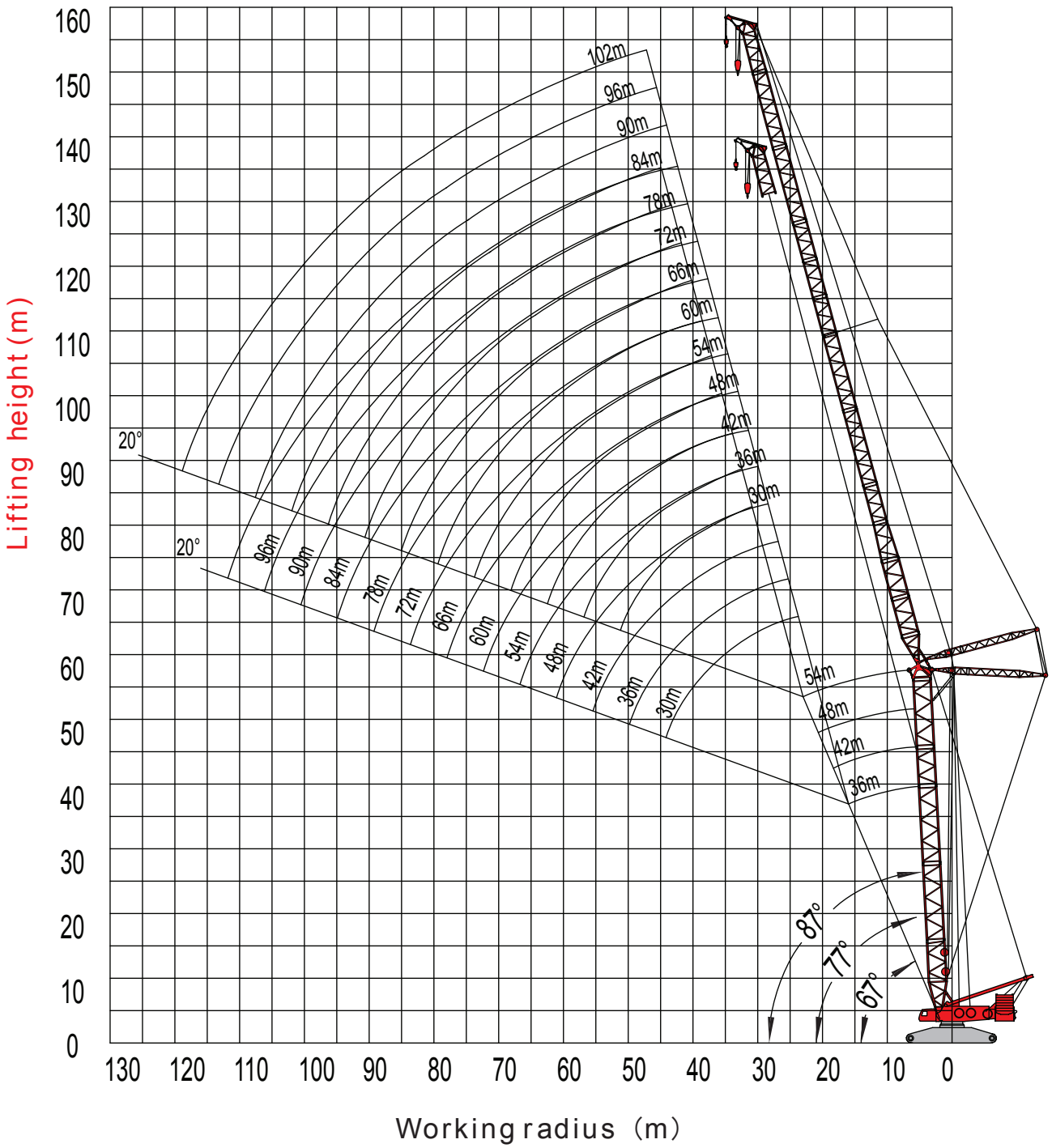
Boom length	42.0m																				
Jib length	30.0m			36.0m			42.0m			48.0m			54.0m			60.0m			66.0m		
Boom angle	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°
16.0m	239.4																				
18.0m	210.0			205.0																	
20.0m	186.9			182.6			178.1														
22.0m	168.2			164.4			160.4			156.9			153.4								
24.0m	152.8			149.4			145.7			142.6			139.4			136.0					
26.0m	139.8			136.7			133.3			130.5			127.6			124.5			121.6		
28.0m	128.8	113.4		126.0			122.8			120.2			117.5			114.6			111.9		
30.0m	119.4	104.9		116.7	102.1		113.6			111.2			108.7			106.0			103.5		
32.0m		97.5		108.6	94.9		105.7			103.4			101.1			98.4			96.1		
34.0m		90.3		101.5	88.5		98.7	85.8		96.5			94.3			91.8			89.5		
36.0m		83.6		94.6	82.6		92.5	80.2		90.4	78.1		88.3			85.9			83.7		
38.0m		77.7			76.8		86.9	75.2		85.0	73.3		82.9	71.2		80.6			78.5		
40.0m			62.7		71.6		81.1	70.1		80.1	68.9		78.1	66.9		75.8			73.8		
44.0m			54.8			53.5		61.3		70.6	60.4		69.8	59.3		67.6	57.3		65.7	55.3	
48.0m						47.2		54.2	45.5		53.3		61.7	52.2		60.5	50.7		59.0	49.3	
52.0m									40.3		47.4	39.2	54.9	46.3		53.8	44.9		52.8	43.6	
56.0m									35.9			34.8		41.3	33.6	48.1	39.9		47.1	38.7	
60.0m												31.1			29.9		35.6	28.3	42.2	34.4	
64.0m															26.7		31.9	25.1		30.7	23.7
68.0m																		22.3		27.5	20.9
72.0m																					18.5
76.0m																					16.3

Boom length	42.0m																		
Jib length	72.0m			78.0m			84.0m			90.0m			96.0m			102.0m			
Boom angle	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	
28.0m	109.2																		
30.0m	100.9			91.2															
32.0m	93.6			91.2			83.1												
34.0m	87.2			84.9			83.1			70.4									
36.0m	81.5			79.3			77.5			70.4			60.9			49.9			
38.0m	76.4			74.2			72.6			70.4			60.9			49.9			
40.0m	71.8			69.7			68.1			66.0			60.9			49.9			
44.0m	63.8			61.8			60.3			58.4			56.9			49.9			
48.0m	57.1	47.4		55.2			53.8			52.0			50.5			48.7			
52.0m	51.4	42.2		49.6	40.5		48.3	39.1		46.5			45.2			43.4			
56.0m	46.0	37.3		44.8	35.9		43.6	35.0		41.8	33.2		40.5			38.8			
60.0m	41.1	33.1		40.0	31.7		39.3	30.9		37.8	29.6		36.5	28.3		34.8	26.5		
64.0m	36.9	29.4	22.2	35.8	28.1		35.1	27.3		34.0	25.9		33.0	25.1		31.3	23.5		
68.0m		26.2	19.5	32.1	24.9	18.0	31.5	24.1		30.3	22.8		29.6	21.9		28.3	20.6		
72.0m		23.4	17.0	28.8	22.1	15.6	28.2	21.3	14.7	27.0	20.0		26.3	19.1		25.1	17.8		
76.0m			14.9		19.6	13.4	25.3	18.8	12.6	24.1	17.5	11.1	23.4	16.7		22.2	15.3		
80.0m			12.9		17.3	11.5		16.6	10.7	21.6	15.3	9.2	20.8	14.5	8.3	19.7	13.1		
84.0m						9.8		14.6	9.0		13.3	7.5	18.5	12.5	6.6	17.3	11.1	5.1	
88.0m									7.4		11.5	6.0	16.4	10.6	5.1	15.2	9.3	3.6	
92.0m									6.0			4.6		9.0	3.7	13.3	7.7	2.3	
96.0m												3.3			2.4		6.2	1.0	
100.0m															1.2		4.8		

Courtesy of Crane.Market

Working Range HT

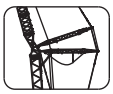
Working range of luffing jib(HT)

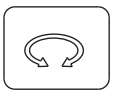


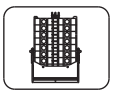
Courtesy of Crane.Market

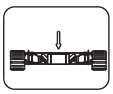
Rated Lifting Capacity Load Chart HT


87°, 77°, 67°
36m－60m


30m －102m


360°


245t


95t

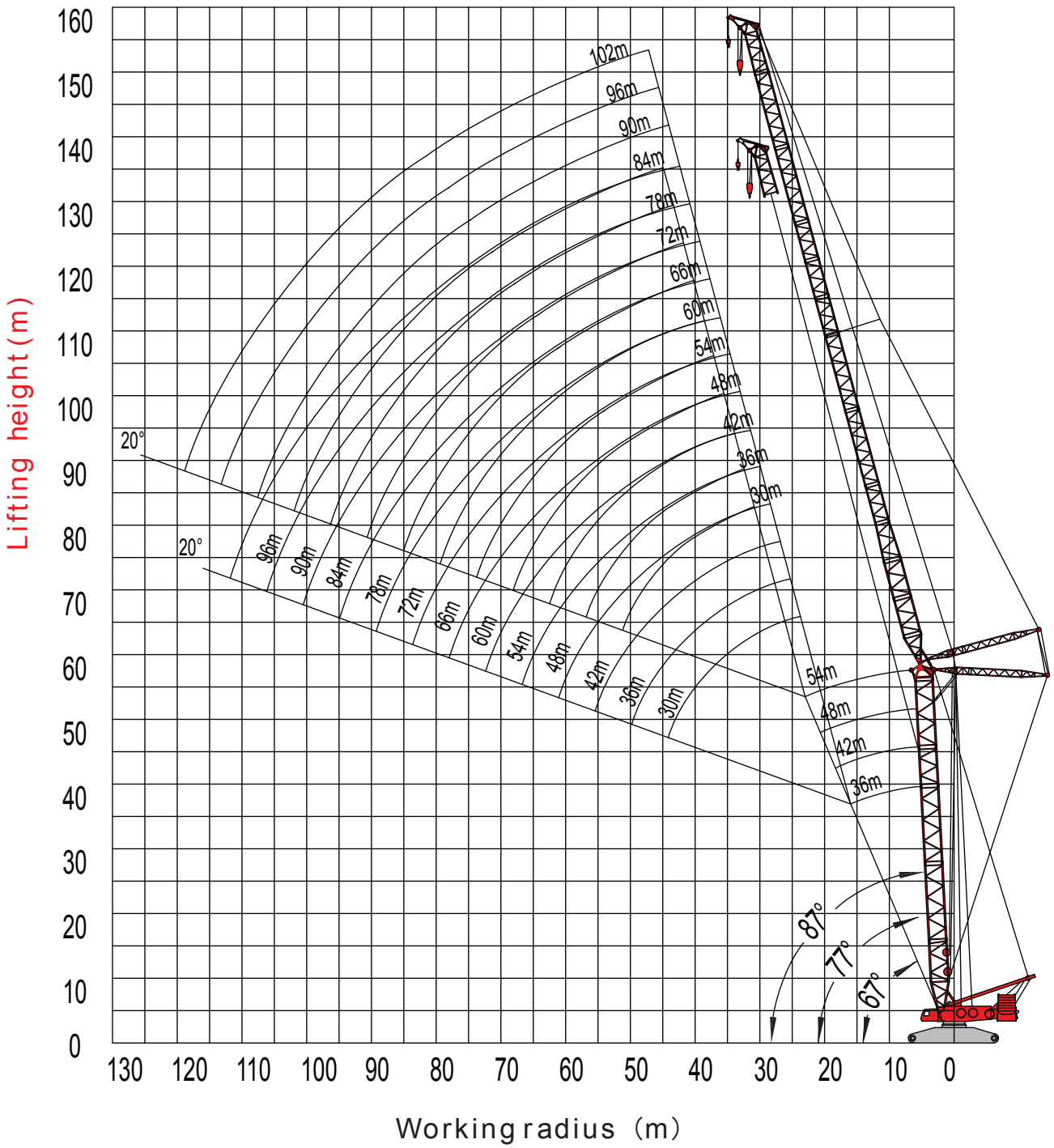
Boom length	48.0m																				
Jib length	30.0m			36.0m			42.0m			48.0m			54.0m			60.0m			66.0m		
Boom angle	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°
16.0m	233.2																				
18.0m	205.0			200.1																	
20.0m	182.7			178.5			174.0														
22.0m	164.7			160.9			156.9			153.5											
24.0m	149.7			146.4			142.7			139.6			136.4			133.1					
26.0m	137.2			134.1			130.7			127.9			125.0			121.9			119.0		
28.0m	126.5			123.6			120.4			117.8			115.1			112.2			109.5		
30.0m	117.3	100.3		114.6			111.5			109.1			106.6			103.9			101.3		
32.0m		93.2		106.7	90.6		103.8			101.5			99.1			96.5			94.2		
34.0m		87.0		99.8	84.6		96.9	81.8		94.8			92.5			90.0			87.8		
36.0m		81.1		93.7	79.2		90.9	76.5		88.8			86.7			84.3			82.1		
38.0m		75.3			74.2		85.5	71.8		83.5	69.8		81.4			79.1			77.0		
40.0m		70.2			69.2		80.7	67.6		78.7	65.6		76.7	63.6		74.5			72.4		
44.0m			51.1		60.7			59.2		70.3	58.2		68.6	56.5		66.4	54.3		64.5		
48.0m			45.0			43.7		52.2	41.8		51.3		61.4	50.1		59.7	48.5		57.9	46.6	
52.0m						38.7			37.0		45.5	35.8	54.7	44.4		53.5	42.9		52.3	41.6	
56.0m									32.8			31.7		39.6	30.4	47.8	38.1		46.9	36.8	
60.0m												28.2		35.4	26.9		34.0	25.2	42.0	32.7	
64.0m															23.9		30.4	22.3		29.2	20.7
68.0m															21.3			19.7		26.0	18.2
72.0m																		17.3			15.9
76.0m																					13.9

Boom length	48.0m																				
Jib length	72.0m			78.0m			84.0m			90.0m			96.0m			102.0m					
Boom angle	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°			
28.0m	106.8																				
30.0m	98.8			89.3																	
32.0m	91.7			89.3			81.3														
34.0m	85.5			83.1			81.3			68.9											
36.0m	79.9			77.6			75.9			68.9			55.6								
38.0m	74.9			72.7			71.0			68.9			55.6			46.5					
40.0m	70.4			68.3			66.7			64.6			55.6			46.5					
44.0m	62.5			60.6			59.1			57.1			55.6			46.5					
48.0m	56.0	44.6		54.1			52.7			50.9			49.4			46.5					
52.0m	50.5	39.8		48.7	37.9		47.3			45.5			44.1			42.4					
56.0m	45.7	35.4		44.0	33.9		42.7	32.6		40.9	30.7		39.6			37.9					
60.0m	40.9	31.4		39.7	30.0		38.7	29.1		37.0	27.4		35.7	26.0		34.0					
64.0m	36.7	27.8		35.5	26.4		34.9	25.6		33.5	24.2		32.2	23.1		30.6	21.4				
68.0m	33.0	24.7	16.7	31.9	23.4		31.3	22.6		30.1	21.2		29.2	20.3		27.5	18.8				
72.0m		22.0	14.4	28.6	20.6	12.9	28.0	19.9		26.8	18.5		26.1	17.6		24.9	16.2				
76.0m		19.5	12.4		18.2	10.9	25.1	17.4	10.0	23.9	16.1		23.2	15.2		22.0	13.8				
80.0m			10.6		16.0	9.2		15.3	8.2	21.4	13.9	6.7	20.7	13.1		19.5	11.7				
84.0m			9.0			7.5		13.3	6.7		12.0	5.2	18.3	11.2	4.2	17.1	9.8				
88.0m						6.1			5.2		10.2	3.8	16.2	9.4	2.8	15.0	8.1	1.3			
92.0m									3.9		8.6	2.5		7.8	1.5	13.1	6.5	0.1			
96.0m												1.3		6.4	0.3		5.0				
100.0m												0.2					3.7				

Courtesy of Crane.Market

Working Range HT

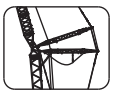
Working range of luffing jib(HT)

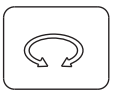


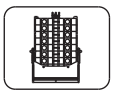
Courtesy of Crane.Market

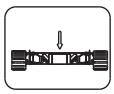
Rated Lifting Capacity Load Chart HT


87°, 77°, 67°
36m－60m


30m －102m


360°


245t


95t

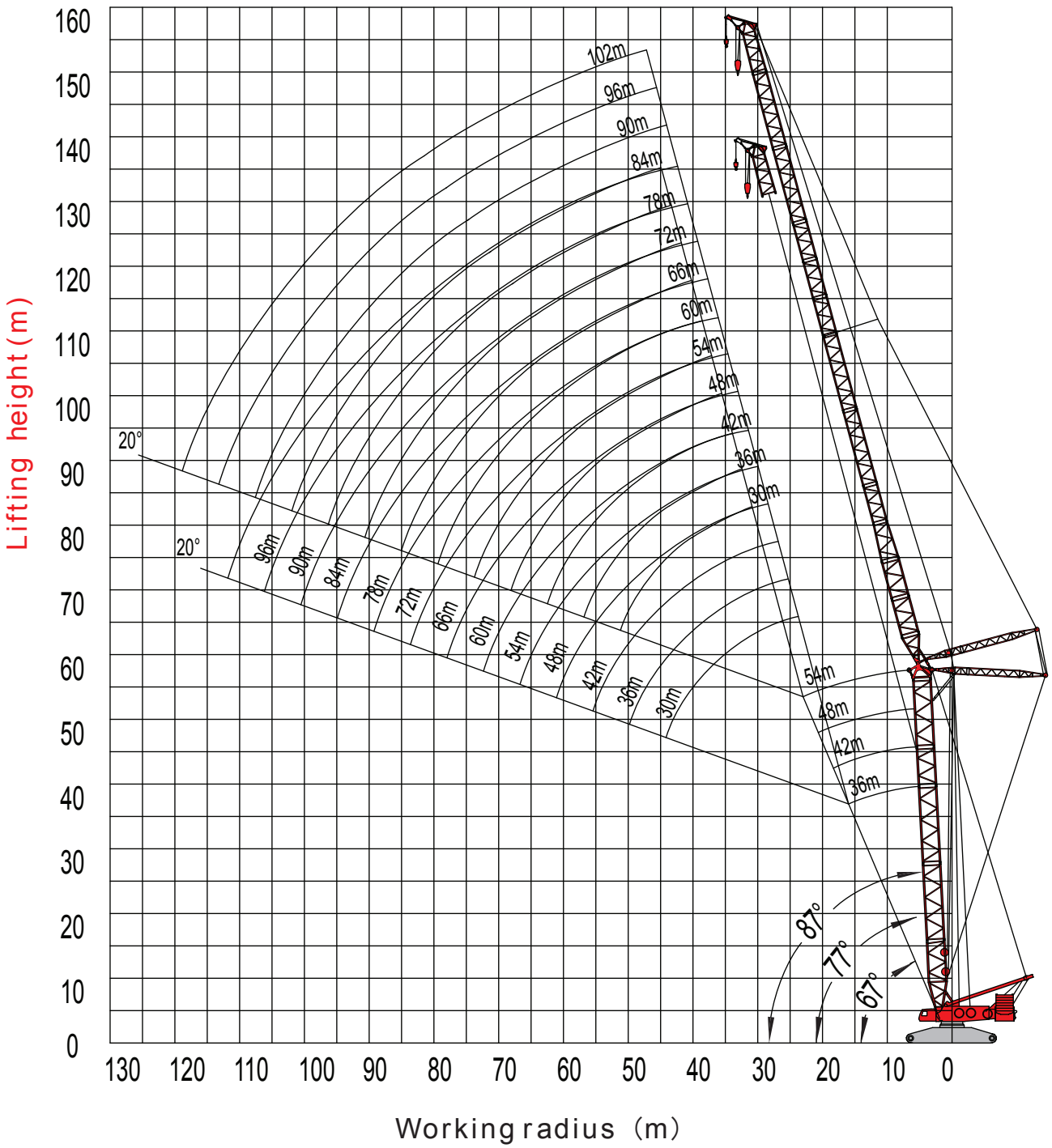
Boom length	54.0m																				
Jib length	30.0m			36.0m			42.0m			48.0m			54.0m			60.0m			66.0m		
Boom angle	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°
16.0m	227.0																				
18.0m	199.9			195.1																	
20.0m	178.5			174.3			169.9														
22.0m	161.0			157.3			153.3			149.9											
24.0m	146.6			143.2			139.6			136.5			133.4								
26.0m	134.4			131.3			127.9			125.1			122.2			119.1			116.3		
28.0m	124.0			121.2			118.0			115.4			112.7			109.8			107.1		
30.0m	115.1	95.8		112.4			109.3			106.9			104.4			101.7			99.1		
32.0m		89.0		104.7			101.8			99.5			97.1			94.5			92.1		
34.0m		83.1		98.0	80.6		95.1			93.0			90.7			88.2			85.9		
36.0m		77.9		92.0	75.5		89.2	72.8		87.2			85.0			82.6			80.4		
38.0m		72.9			70.9		84.0	68.3		82.0	66.3		79.9			77.5			75.4		
40.0m		68.0			66.8		79.2	64.3		77.3	62.3		75.3			73.0			71.0		
44.0m			47.3		58.5			56.9		69.3	55.5		67.3	53.6		65.1	51.3		63.2		
48.0m			41.6			40.1		50.2			49.2		60.7	48.0		58.6	45.8		56.8	43.8	
52.0m						35.5			33.6		43.7		54.4	42.5		53.1	41.0		51.3	39.2	
56.0m									29.8		38.9	28.5		37.8		47.6	36.3		46.6	35.0	
60.0m									26.4			25.3		33.8	23.9		32.3		41.7	31.0	
64.0m												22.4			21.1		28.8	19.4		27.6	
68.0m															18.7			17.0		24.5	15.5
72.0m																		14.9		21.9	13.4
76.0m																		12.9			11.5

Boom length	54.0m																				
Jib length	72.0m			78.0m			84.0m			90.0m			96.0m			102.0m					
Boom angle	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°			
28.0m	104.4																				
30.0m	96.6			87.2																	
32.0m	89.7			87.2			74.1														
34.0m	83.6			81.3			74.1			63.1											
36.0m	78.2			75.9			74.1			63.1			54.2								
38.0m	73.3			71.1			69.4			63.1			54.2			42.3					
40.0m	68.9			66.8			65.2			63.1			54.2			42.3					
44.0m	61.2			59.3			57.8			55.8			54.2			42.3					
48.0m	54.9			53.0			51.6			49.7			48.2			42.3					
52.0m	49.4	37.3		47.6			46.3			44.5			43.1			41.3					
56.0m	44.8	33.4		43.0	35.3		41.7	30.2		40.0			38.6			36.9					
60.0m	40.6	29.6		39.0	31.6		37.8	26.9		36.1	25.1		34.8	23.7		33.1					
64.0m	36.4	26.2		35.3	28.2		34.3	23.9		32.7	22.3		31.4	21.0		29.7	19.2				
68.0m	32.8	23.2		31.6	24.8		31.0	21.0		29.6	19.5		28.4	18.6		26.8	16.8				
72.0m		20.5	11.8	28.4	21.8	10.2	27.8	18.4		26.6	17.0		25.8	16.0		24.1	14.6				
76.0m		18.2	10.0		19.2	8.4	24.9	16.0	7.4	23.7	14.6		23.0	13.8		21.8	12.4				
80.0m			8.3		16.8	6.8		13.9	5.8	21.1	12.6	4.3	20.4	11.7		19.2	10.3				
84.0m			6.8		14.7	5.3		12.1	4.4		10.7	2.8	18.1	9.8	1.8	16.9	8.5				
88.0m						4.0		10.4	3.0		9.0	1.5	16.0	8.2	0.5	14.8	6.8				
92.0m						2.7			1.8		7.5	0.3		6.6		12.9	5.3				
96.0m									0.7					5.2			3.9				
100.0m																	2.6				

Courtesy of Crane.Market

Working Range HT

Working range of luffing jib(HT)

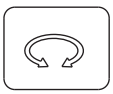


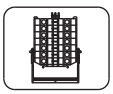
Courtesy of Crane.Market

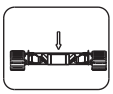
Rated Lifting Capacity Load Chart HT


87°, 77°, 67°
36m－60m


30m －102m


360°


245t

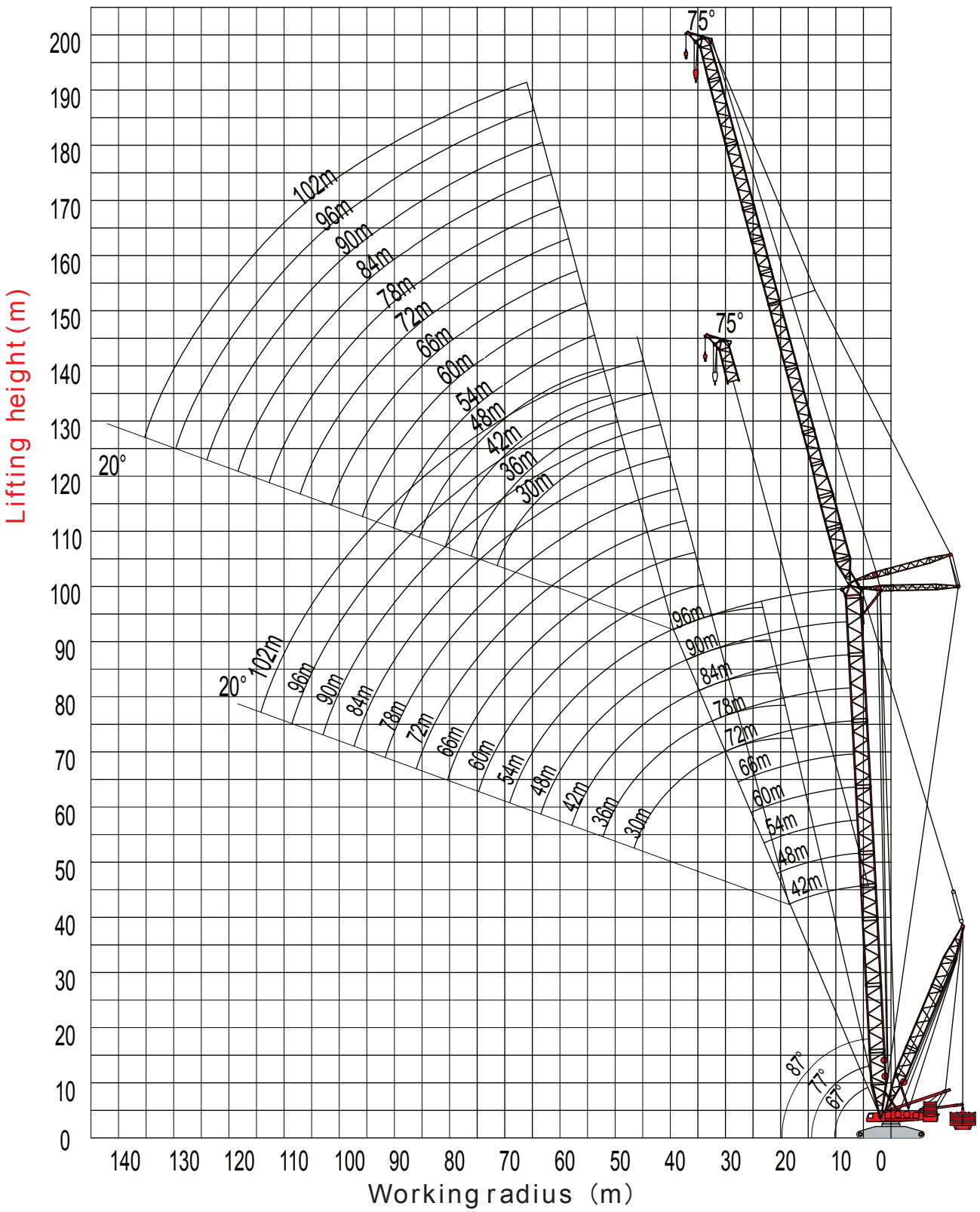

95t

Boom length	60.0m																	
Jib length	30.0m			36.0m			42.0m			48.0m			54.0m			60.0m		
Boom angle	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°	87°	77°	67°
16.0m	220.8																	
18.0m	194.9			190.1														
20.0m	174.2			170.1			165.7											
22.0m	157.4			153.7			149.8			146.4								
24.0m	143.4			140.1			136.5			133.4			130.3					
26.0m	131.6			128.5			125.2			122.4			119.5			116.4		
28.0m	121.5			118.7			115.5			112.9			110.2			107.3		
30.0m	112.8			110.1			107.1			104.7			102.2			99.4		
32.0m	105.3	84.5		102.7			99.8			97.5			95.1			92.5		
34.0m		78.8		96.1	76.3		93.3			91.1			88.9			86.3		
36.0m		73.9		90.3	71.5		87.5			85.4			83.3			80.9		
38.0m		69.4			67.1		82.4	64.5		80.4			78.3			75.9		
40.0m		65.3			63.2		77.8	60.7		75.8	58.7		73.8			71.5		
44.0m					56.1			54.1		68.0	52.2		66.0	50.3		63.8		
48.0m			37.6		49.5			47.9			46.9		59.6	45.0		57.5	42.8	
52.0m			33.2			31.7		42.5			41.5		54.1	40.3		52.0	38.4	
56.0m						28.1			26.2		36.9			35.8		47.3	34.2	
60.0m									23.1			21.9		31.9	20.5		30.4	
64.0m												19.3			17.9		27.1	16.2
68.0m												17.0			15.7		24.1	13.9
72.0m															13.7			12.0
76.0m																		10.2

Courtesy of Crane.Market

Working Range HTSD

Working range of luffing jib+SL mast+SL counterweight

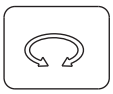


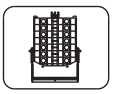
Courtesy of Crane.Market

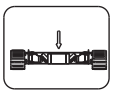
Rated Lifting Capacity Load Chart HTSD

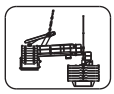

67°
42-96m


30-102m


360°


245t

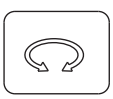

95t

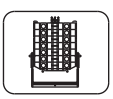

0-400t
R=20m

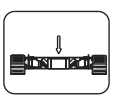
Boom length / Jib length	42m							54m						
	30m	42m	54m	66m	78m	90m	102m	30m	42m	54m	66m	78m	90m	102m
38m	223													
42m	205													
46m	194	165						176						
50m		157						167	147					
54m		148	133						142					
58m		139	127						131	120				
62m			121	109					120	115				
66m			113	105	82					109	95			
70m			102	99	82					102	92	72		
74m				94	82	58				95	88	72		
78m				89	80	58					83	71	52	
82m				84	76	58	41				78	70	52	
86m					71	58	41				72	68	52	37
90m					67	58	41					66	52	37
94m					62	57	41					63	52	37
98m						56	41					60	52	37
102m						53	41						51	37
106m						49	41						49	37
110m							41						47	37
114m							40							36
118m							37							34
122m														33

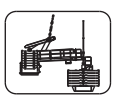

67°
42-96m


30-102m


360°


245t


95t

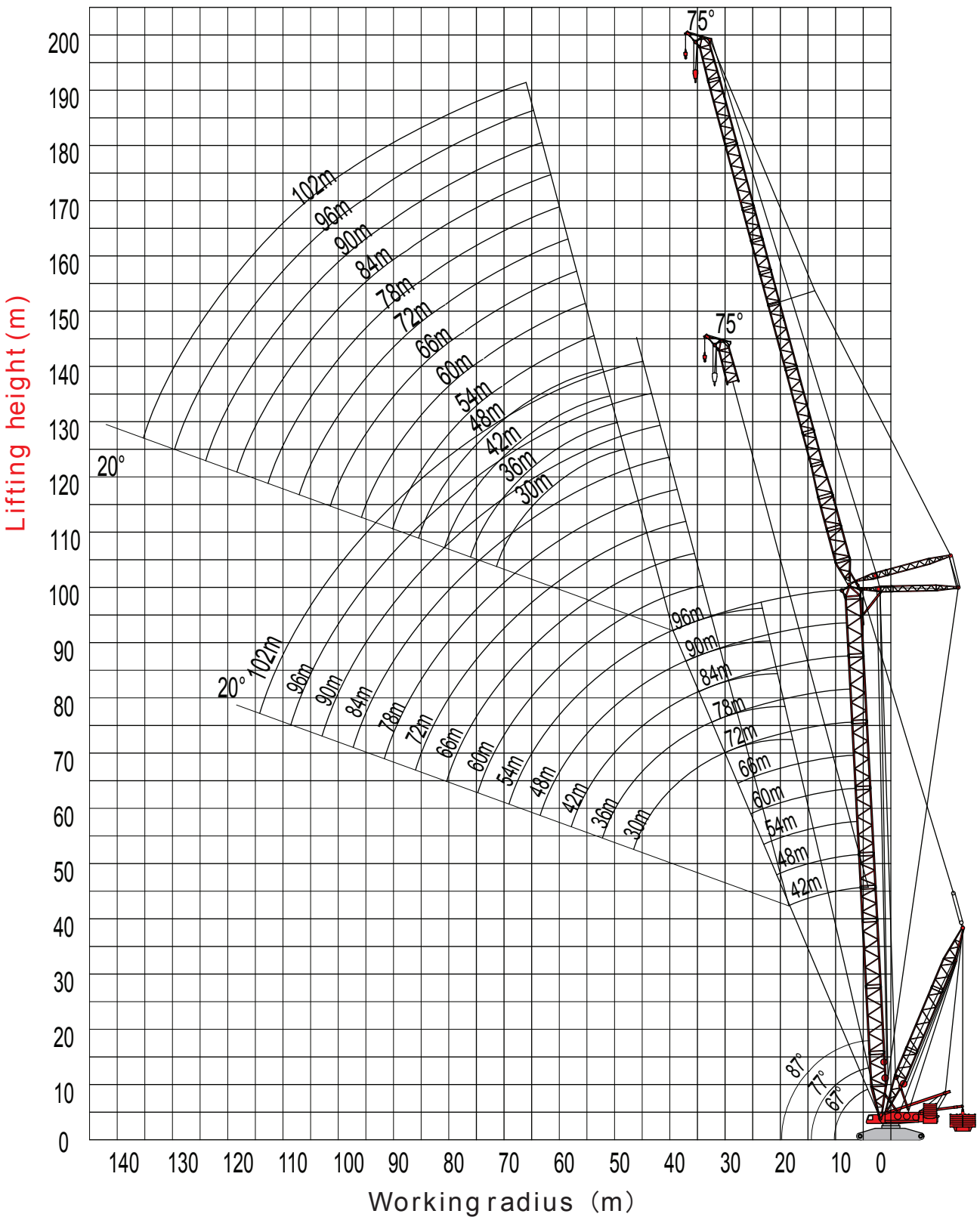

0-400t
R=20m

Boom length / Jib length	66m							78m						
	30m	42m	54m	66m	78m	90m	102m	30m	42m	54m	66m	78m	90m	102m
50m	142													
54m	138	124						104						
58m		117						95						
62m		110	103					85	91					
66m		104	100						85	84				
70m			93	83					80	78				
74m			87	80					74	72	70			
78m			80	76	63					66	64			
82m				71	62	46				60	60	55		
86m				66	61	46					56	53		
90m				62	58	46	33				53	50	40	
94m					55	46	33				51	47	40	25
98m					51	46	33					44	40	25
102m					49	45	32					41	39	25
106m						43	32					40	37	25
110m						41	32						34	25
114m						38	32						32	24
118m							30						30	23
122m							29							22
126m							27							20
130m														17

Courtesy of Crane.Market

Working Range HTSD

Working range of luffing jib+SL mast+SL counterweight

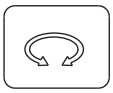


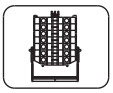
Courtesy of Crane.Market

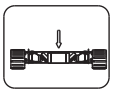
Rated Lifting Capacity Load Chart HTSD

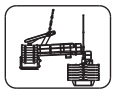

67°
42-96m


30-102m


360°


245t

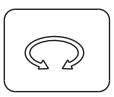

95t

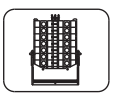

0-400t
R=20m

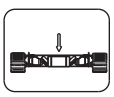
Boom length	90m							96m						
Jib length	30m	42m	54m	66m	78m	90m	102m	30m	42m	54m	66m	78m	90m	102m
58m	81													
62m	79							55						
66m	71	57						46	57					
70m		55							55					
74m		53	64						53	52				
78m		47	62	53					47	50				
82m			58	51						46	42			
86m			54	49	41					42	39			
90m			48	46	40					38	36	32		
94m				42	37	28					32	29	22	
98m				38	35	27	15				29	27	22	
102m				35	32	26	15				27	25	21	15
106m					30	25	15					23	19	15
110m					27	24	15					22	18	14
114m						22	14					20	16	13
118m						21	13						15	12
122m						19	12						13	11
126m							11						10	10
130m							10							9
134m							9							9
138m														5

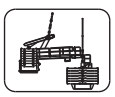

77°
42-96m


30-102m


360°


245t


95t

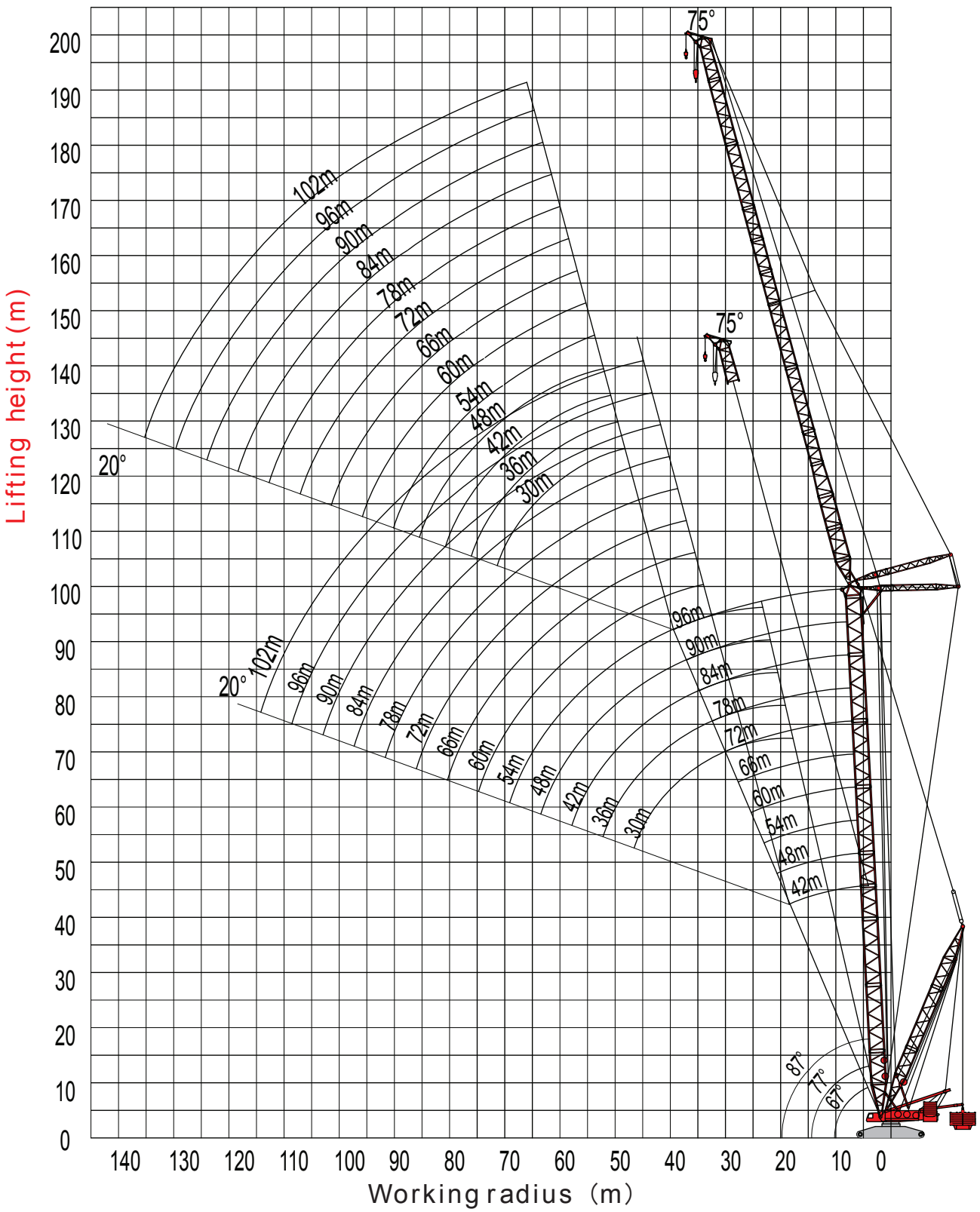

0-400t
R=20m

Boom length	42m							54m						
Jib length	30m	42m	54m	66m	78m	90m	102m	30m	42m	54m	66m	78m	90m	102m
28m	299													
30m	280							261						
34m	261	228						238	194					
38m	244	218	158					215	192					
42m		200	155	122				204	184	137				
46m		175	151	121					170	136	107			
50m		150	147	120	92				156	135	107	81		
54m			138	117	92	64			148	131	106	81		
58m			123	112	92	64	45			125	105	81	58	
62m			108	107	92	63	45			119	104	81	58	42
66m				101	90	63	45			102	101	81	58	42
70m				94	85	62	45				95	81	58	42
74m				87	80	61	44				88	80	58	42
78m					74	61	44				81	77	58	42
82m					68	60	43					70	58	42
86m					63	59	43					63	57	42
90m						57	42					59	55	41
94m						53	42						52	41
98m						48	42						48	41
102m							41						46	41
106m							38							40
110m							36							40

Courtesy of Crane.Market

Working Range HTSD

Working range of luffing jib+SL mast+SL counterweight

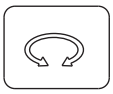


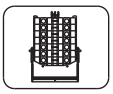
Courtesy of Crane.Market

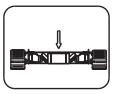
Rated Lifting Capacity Load Chart HTSD

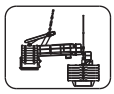

77°
42-96m


30-102m


360°


245t

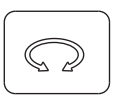

95t

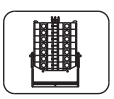

0-400t
R=20m

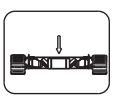
Boom length / Jib length	66m							78m						
	30m	42m	54m	66m	78m	90m	102m	30m	42m	54m	66m	78m	90m	102m
34m	217													
38m	198	166						162						
42m	185	161	120					153	136					
46m	178	151	119					140	131	102				
50m		141	118	94					126	101	81			
54m		132	115	93	71				121	99	80			
58m		124	110	93	71	51			116	96	79	61		
62m			105	92	71	51	36			93	77	61	45	
66m			99	89	71	51	36			88	75	61	45	28
70m				85	71	51	36			81	73	60	45	28
74m				81	70	51	36				70	59	45	28
78m				77	69	51	36				68	57	45	28
82m					66	51	36				66	56	44	28
86m					63	51	36					55	44	28
90m					61	51	35					53	43	28
94m						50	35					51	43	28
98m						49	35						42	28
102m						47	35						41	28
106m							35						39	28
110m							35							28
114m							34							27
118m														25

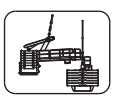

77°
42-96m


30-102m


360°


245t


95t

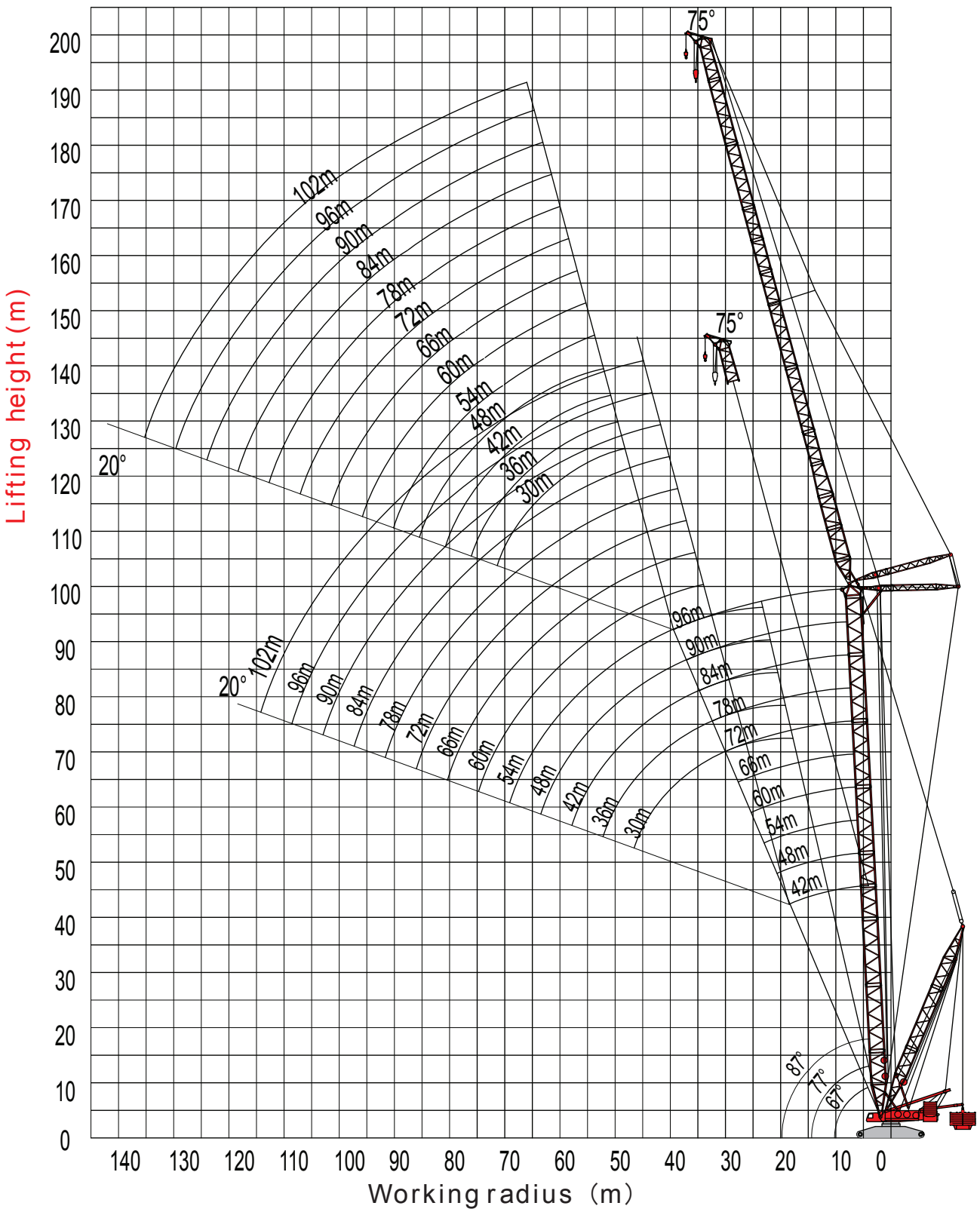

0-400t
R=20m

Boom length / Jib length	42m							54m						
	30m	42m	54m	66m	78m	90m	102m	30m	42m	54m	66m	78m	90m	102m
38m	94													
42m	92	91						77						
46m	89	88						74	72					
50m	86	85	76					70	69	68				
54m		82	75	64					67	67	56			
58m		79	72	62	50				64	64	54			
62m		75	69	61	49				61	61	53	43		
66m			67	59	48	33				59	51	42	28	
70m			64	58	46	32	20			56	50	40	27	15
74m			62	56	45	32	20			53	48	39	27	15
78m				54	43	31	20				46	37	26	15
82m				51	42	30	19				45	36	25	14
86m				48	41	29	19				43	35	24	14
90m					40	28	18					34	23	13
94m					39	28	18					33	23	13
98m					38	27	17					32	22	12
102m						26	17						21	12
106m						25	16						20	11
110m						23	16						19	11
114m							15							10
118m							14							9
122m														8

Courtesy of Crane.Market

Working Range HTSD

Working range of luffing jib+SL mast+SL counterweight

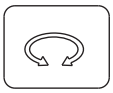


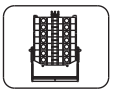
Courtesy of Crane.Market

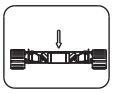
Rated Lifting Capacity Load Chart HTSD

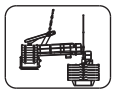

87°
42-96m


30-102m


360°

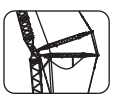

245t

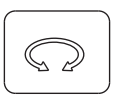

95t

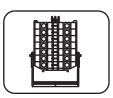

0-400t
R=20m

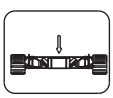
Boom length / Jib length	42m							54m						
	30m	42m	54m	66m	78m	90m	102m	30m	42m	54m	66m	78m	90m	102m
14m	360													
16m	349							281						
18m	337	238						275	198					
20m	326	233						269	193					
22m	315	228	162					262	189	140				
24m	305	223	161	130				255	186	137	109			
26m	292	218	159	128				247	182	134	108			
28m	267	213	158	126	100			240	179	132	107	85		
30m	235	208	156	124	98	73		233	175	129	106	84	62	
34m		190	151	121	96	72	50	208	168	126	103	83	61	44
38m		172	146	119	95	71	49		161	123	101	82	60	43
42m		151	138	116	93	69	48		151	120	98	80	59	42
46m			129	113	91	68	47		139	117	96	79	58	42
50m			119	110	89	66	46			113	93	77	57	41
54m			107	104	87	64	46			104	90	75	56	41
58m				93	86	63	45				85	74	55	40
62m				82	84	61	44				81	72	54	39
66m				75	77	60	43				77	69	53	39
70m					71	59	42					65	52	38
74m					62	58	41					60	51	37
78m					58	55	41					58	50	37
82m						51	40						48	36
86m						46	39						46	35
90m						42	39						45	35
94m							38							35
98m							35							32
102m							32							29

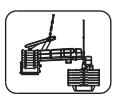

87°
42-96m


30-102m


360°


245t


95t

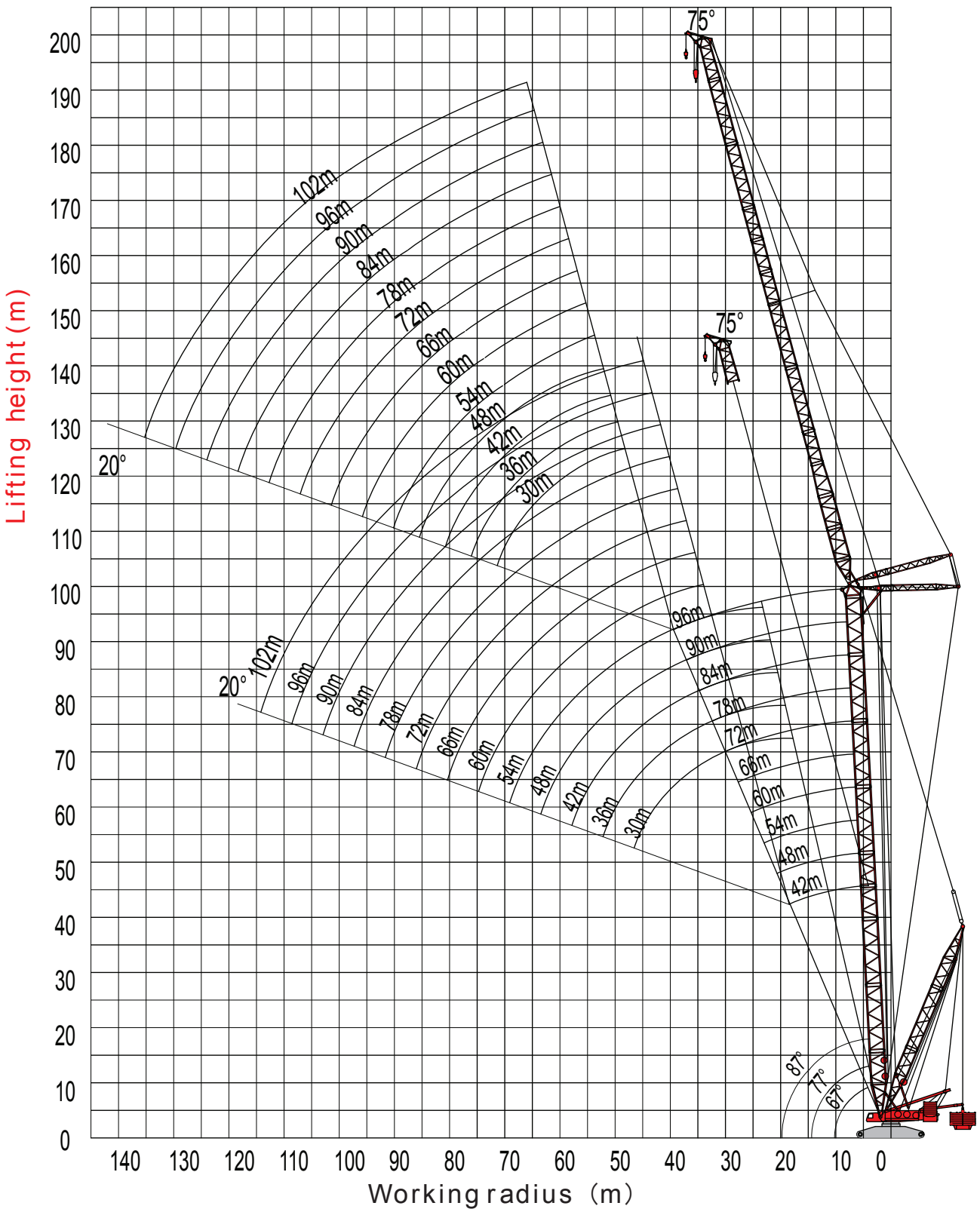

0-400t
R=20m

Boom length / Jib length	66m							78m						
	30m	42m	54m	66m	78m	90m	102m	30m	42m	54m	66m	78m	90m	102m
16m	235							178						
18m	229							172						
20m	223	167						165	141					
22m	217	164	121					161	138	105				
24m	211	160	120					157	135	104				
26m	205	157	118	97				154	131	103	86			
28m	199	153	117	96	76			150	128	101	85			
30m	193	150	115	95	74			146	125	100	85	65		
34m	191	144	111	92	73	55	39	141	120	96	82	64	48	
38m		138	107	90	72	54	38		115	92	80	63	48	31
42m		134	104	87	70	53	37		111	89	77	62	47	31
46m		132	101	85	69	52	37		109	86	75	61	46	30
50m			98	83	67	51	36			83	72	59	45	30
54m			96	81	66	50	36			81	70	57	45	29
58m			94	78	65	49	35			80	69	56	44	29
62m				76	63	48	34				67	54	43	28
66m				73	62	48	34				66	53	42	27
70m				71	61	47	33				65	52	41	27
74m					60	46	33					51	40	26
78m					59	45	32					49	39	26
82m						45	32					48	38	26
86m						44	31						37	25
90m						43	31						37	25
94m							31							24
98m							30							24
102m							30							23

Courtesy of Crane.Market

Working Range HTSD

Working range of luffing jib+SL mast+SL counterweight

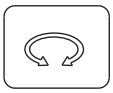


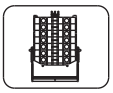
Courtesy of Crane.Market

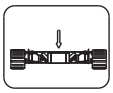
Rated Lifting Capacity Load Chart HTSD

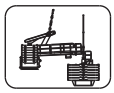

87°
42-96m


30-102m


360°


245t


95t

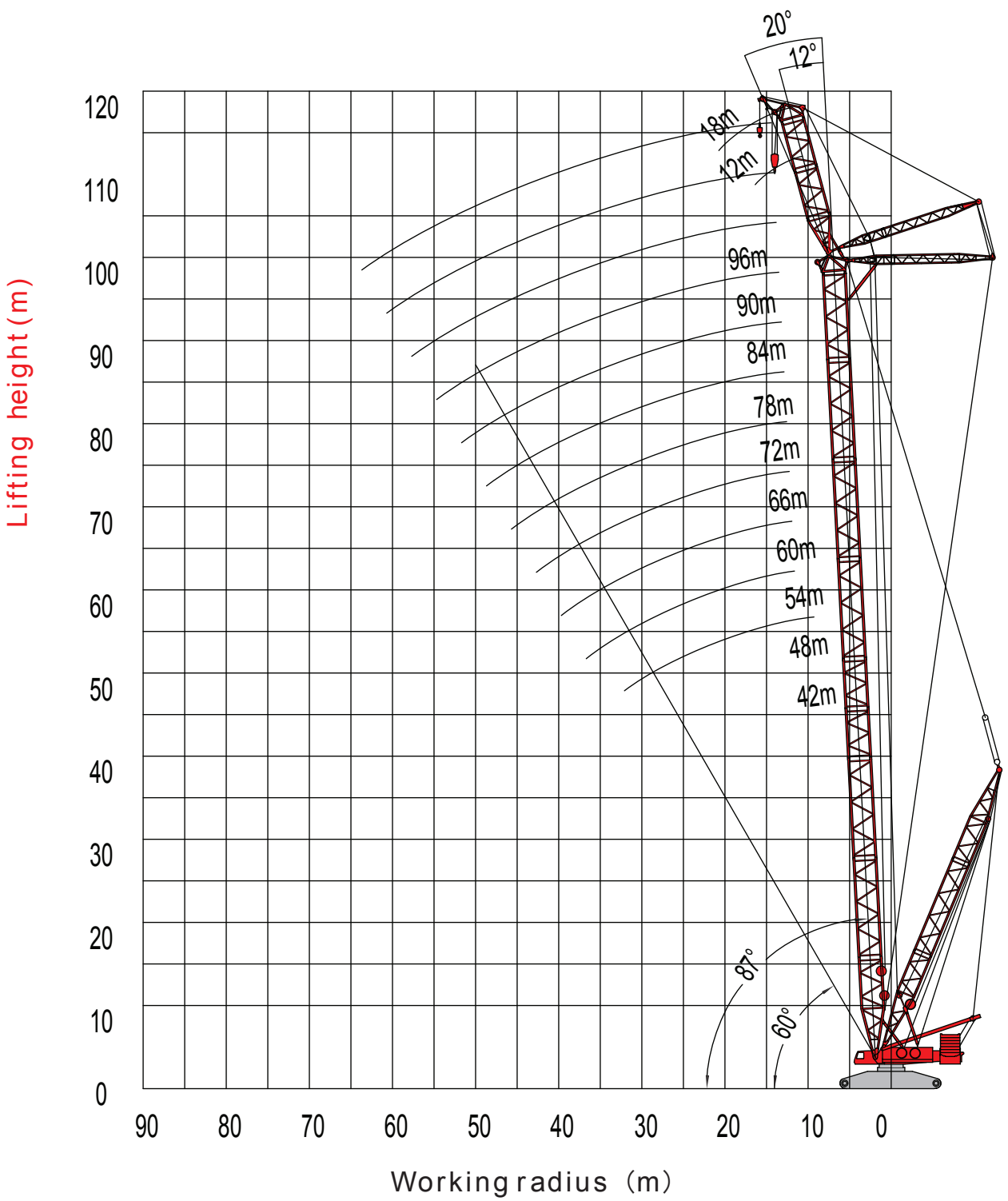

0-400t
R=20m

Boom length / Jib length	90m							96m						
	30m	42m	54m	66m	78m	90m	102m	30m	42m	54m	66m	78m	90m	102m
18m	111							91						
20m	109	104						90	83					
22m	107	102						88	81					
24m	105	99	83					87	80	73				
26m	103	97	81	70				85	78	72	59			
28m	101	94	80	69				84	77	71	58			
30m	99	92	79	68	55			82	75	69	57	47		
34m	89	88	75	66	53	36		74	73	66	55	46	29	
38m		84	72	64	51	35	22		70	63	53	44	29	17
42m		80	69	62	50	35	22		66	60	51	42	28	17
46m		76	67	59	48	34	22		59	57	48	40	27	16
50m			64	57	46	33	21			54	46	39	27	16
54m			62	55	44	32	21			52	44	37	26	15
58m			60	53	43	31	20			51	42	35	24	15
62m				52	41	30	20				41	34	23	14
66m				50	40	29	19				40	33	22	14
70m				49	39	28	19				39	32	21	13
74m					38	27	18					31	20	12
78m					37	26	17					30	20	12
82m					37	25	17					28	19	11
86m						25	16						18	11
90m						24	16						18	10
94m						23	15						17	10
98m							15							9
102m							14							8
106m							14							7

Courtesy of Crane.Market

Working Range HZS

Working range of heavy-duty boom+heavy-duty jib+SL mast(HZS)

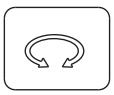
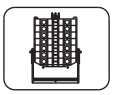
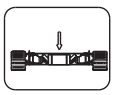
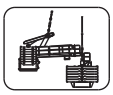


Courtesy of Crane.Market

Rated Lifting Capacity Load Chart HZS

Jib installation angle 12°


42m-96m

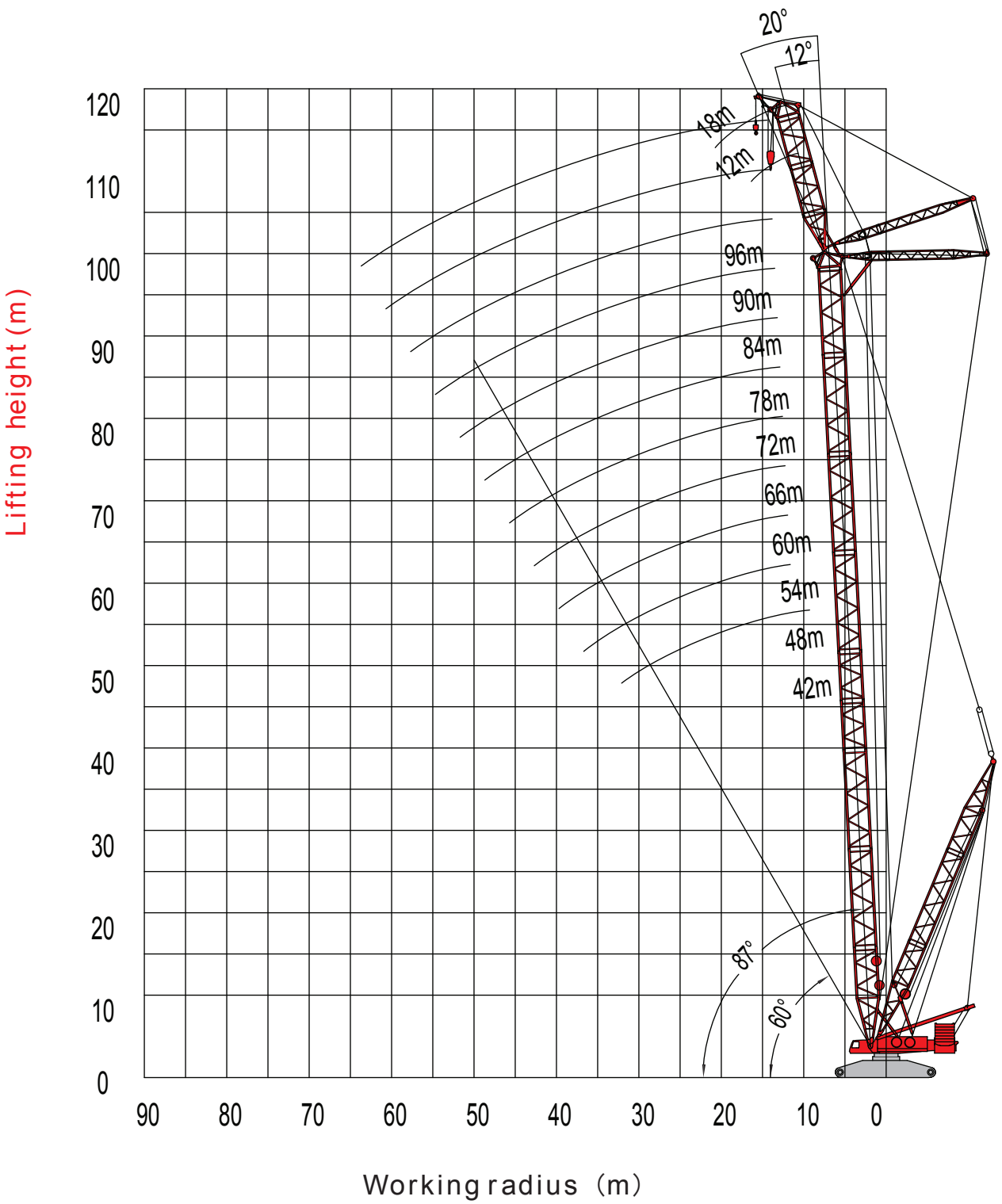
12m.18m

360°

245t

95t

0t
R= 15m

Boom length	42m		54m		66m		78m		90m		96m	
Working radius \ Jib length	12m	18m	12m	18m	12m	18m	12m	18m	12m	18m	12m	18m
10m	350											
11m	350		321		295							
12m	344.9	308	321	277	295		223					
13m	312.4	308	307.3	277	295	236	223	212	186		166.8	
14m	284.6	288.2	279.5	277	274.5	236	223	212	185.3	162.2	166.5	143.7
16m	239.8	243	233.2	235.2	223.8	226	214.5	212	183.9	161.4	166.1	143.1
18m	203	204.8	194.5	196.4	186.3	188.4	178.2	180.4	170.1	160.6	165.7	142.5
20m	172.6	174.4	165	166.8	157.6	159.5	150.2	152.3	143	145.2	139.2	141.5
22m	148.8	150.5	141.7	143.5	134.9	136.7	128.1	130	121.4	123.4	117.8	120
24m	129.6	131.2	122.9	124.6	116.5	118.2	110.1	111.9	103.8	105.7	100.4	102.4
26m	113.7	115.3	107.4	109	101.3	102.9	95.2	96.9	89.2	90.9	86	87.8
28m	100.5	102	94.4	95.9	88.5	90	82.7	84.2	76.9	78.5	73.8	75.4
30m	89.2	90.7	83.3	84.8	77.6	79.1	72	73.4	66.3	67.8	63.3	64.9
34m	71	72.5	65.4	66.8	60.1	61.3	54.7	55.9	49.3	50.6	46.4	47.7
38m	57	58.4	51.7	52.9	46.5	47.6	41.3	42.4	36.1	37.2	33.3	34.4
42m	45.9	47.2	40.7	41.9	35.6	36.7	30.6	31.6	25.5	26.5	22.8	23.8
46m		38.1	31.8	32.9	26.8	27.8	21.7	22.8	16.1	17.5	13	14.4
50m		30.5	24.2	25.4	18.7	20.1	13.2	14.4	7.6	8.8		5.7
54m			16.8	18.3	11.4	12.7	5.9	7				
58m				11.8	5.1	6.3						

Courtesy of Crane.Market

Working Range HZS

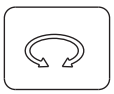
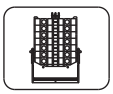
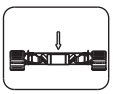
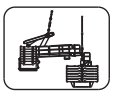
Working range of heavy-duty boom+heavy-duty jib+SL mast(HZS)



Courtesy of Crane.Market

Rated Lifting Capacity Load Chart HZS

Jib installation angle 20°

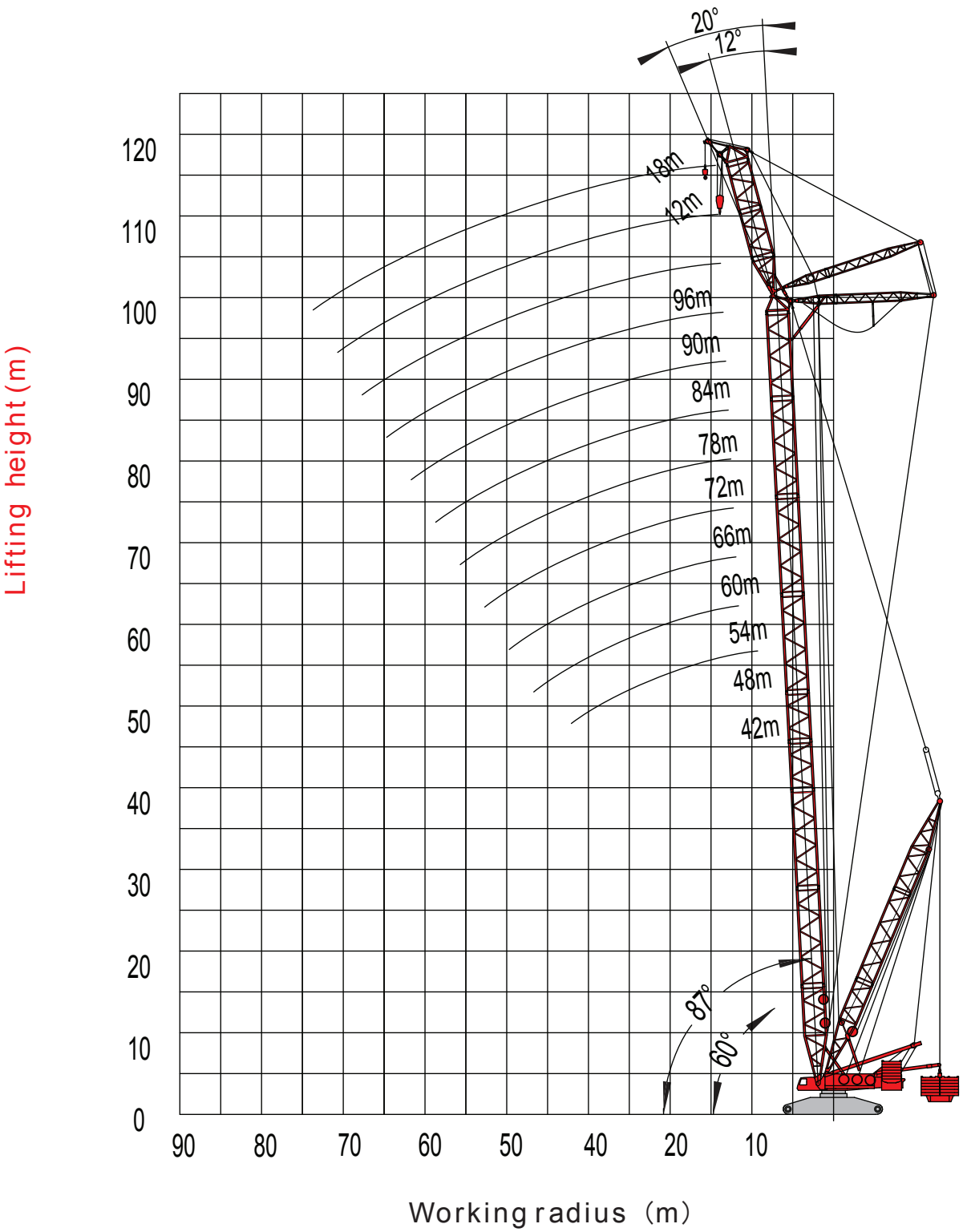
 42m-96m  12m.18m  360°  245t  95t  0t R=15m

Boom length	42m		54m		66m		78m		90m		96m	
Working radius \ Jib length	12m	18m	12m	18m	12m	18m	12m	18m	12m	18m	12m	18m
12m	330		265									
14m	289.8	245	265	223	244		220		178.5		143.5	
16m	244.2	245	239.5	223	235.1	201	220	179	177.9	158	142.9	
18m	208.9	213.8	204.1	209.6	199.5	201	194.8	179	177.3	158	142.3	128.3
20m	180.9	185.4	176	180.9	171.2	175.9	165.5	170.5	159.7	158	141.7	127.9
22m	157.2	160.8	151.6	155.5	146.2	150.3	140.7	145.2	135.2	140	132.3	125.5
24m	136.6	139.9	131.2	134.8	126	129.8	120.7	124.8	115.4	119.8	112.6	117.2
26m	119.6	122.8	114.4	117.7	109.4	112.9	104.3	108	99.2	103.1	96.4	100.6
28m	105.5	108.5	100.4	103.5	95.5	98.7	90.5	93.9	85.5	89.2	82.9	86.6
30m	93.5	96.3	88.6	91.4	83.7	86.7	78.9	82	74	77.3	71.3	74.8
34m	74.3	76.8	69.5	72	64.8	67.4	60.1	62.8	55.3	58.2	52.7	55.7
38m	59.5	61.9	54.9	57.1	50.3	52.6	45.6	48	41	43.5	38.1	41
42m		50	43.3	45.3	38.7	40.8	33.8	36.3	28.4	31.2	25.4	28.3
46m		40.3	33.8	35.7	28.6	30.9	23.3	25.7	18	20.5	14.9	17.5
50m				27.2	19.8	22	14.5	16.7	9.2	11.4	6.1	8.5
54m				19.5	12.3	14.3	7	9				
58m						7.6						

Courtesy of Crane.Market

Working Range HZSD

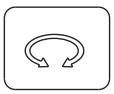
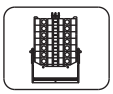
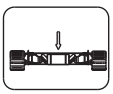
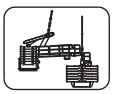
Working range of heavy-duty boom+heavy-duty jib+SL counterweight (HZSD)



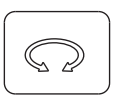
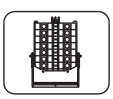
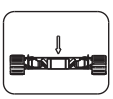
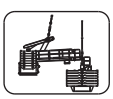
Courtesy of Crane.Market

Rated Lifting Capacity Load Chart HZSD

Jib installation angle 12°

 42m-96m  12m.18m  360°  245t  95t  0-400t R=18m

Boom length	42m		48m		60m		72m		84m		96m	
Working radius \ Jib length	12m	18m	12m	18m	12m	18m	12m	18m	12m	18m	12m	18m
10m	579.2		508.4									
12m	550.2	458.3	491.1	412.7	384.5		311.7		217.4			
14m	521.3	451.5	473.7	412.3	383.8	323.6	311.2	265.1	216.9	200.3	170.3	147.4
16m	492.3	444.7	456.4	411.9	383.2	322.9	310.7	264.7	216.4	199.4	169.8	146.8
18m	463.4	437.9	439	411.4	382.6	322.3	310.2	264.3	215.9	198.5	169.4	146.2
20m	434.4	431.1	421.7	411	381.9	321.6	309.7	263.8	215.4	197.6	169	145.7
22m	407.3	397.4	395.6	385.2	361.7	312.2	300.9	262.7	213.5	194.2	166.1	142.1
24m	380.2	370.5	369.5	359.8	341.7	303.8	292.6	262.2	212.1	192.7	163.9	139.7
26m	353	343.7	343.3	334.4	321.8	295.3	284.3	261.8	210.8	191.1	161.8	137.4
28m	323.5	316.8	317.2	309	301.8	286.9	276	261.3	209.4	189.6	159.6	135
30m	295.7	289.9	290.3	283.6	280.2	278.5	267.7	260.8	208	188	157.4	132.6
34m	251	251.1	246.1	246.2	236.9	237	228	228.1	194.5	181.5	151.1	130.7
38m	210.5	216.8	212.1	212.2	203.5	203.7	195.3	195.4	181	175	144.8	128.8
42m	176	189.6	185.1	185.3	177	177.2	169.3	169.4	161.6	161.6	134.7	121.9
46m		166.6	163.2	163.4	155.5	155.6	148.2	148.2	140.8	140.8	120.8	110
50m		141.1		145.3	137.7	137.8	130.6	130.7	123.5	123.6	106.9	98.1
54m				130	122.7	122.7	115.8	115.8	109	109	94.1	86.3
58m					109.9	109.9	103.2	103.2	96.5	96.5	82.4	74.6
62m						98.8	92.3	92.2	85.8	85.7	70.7	62.9
66m							82.8	82.7	76.4	76.3	60.1	52.4
70m								74.3	68.2	68	50.6	43.3
74m									60.9	60.7	41.1	34.2
78m										54.1	34.1	26.6
82m											29.6	20.6
86m												14.6
90m												8.7

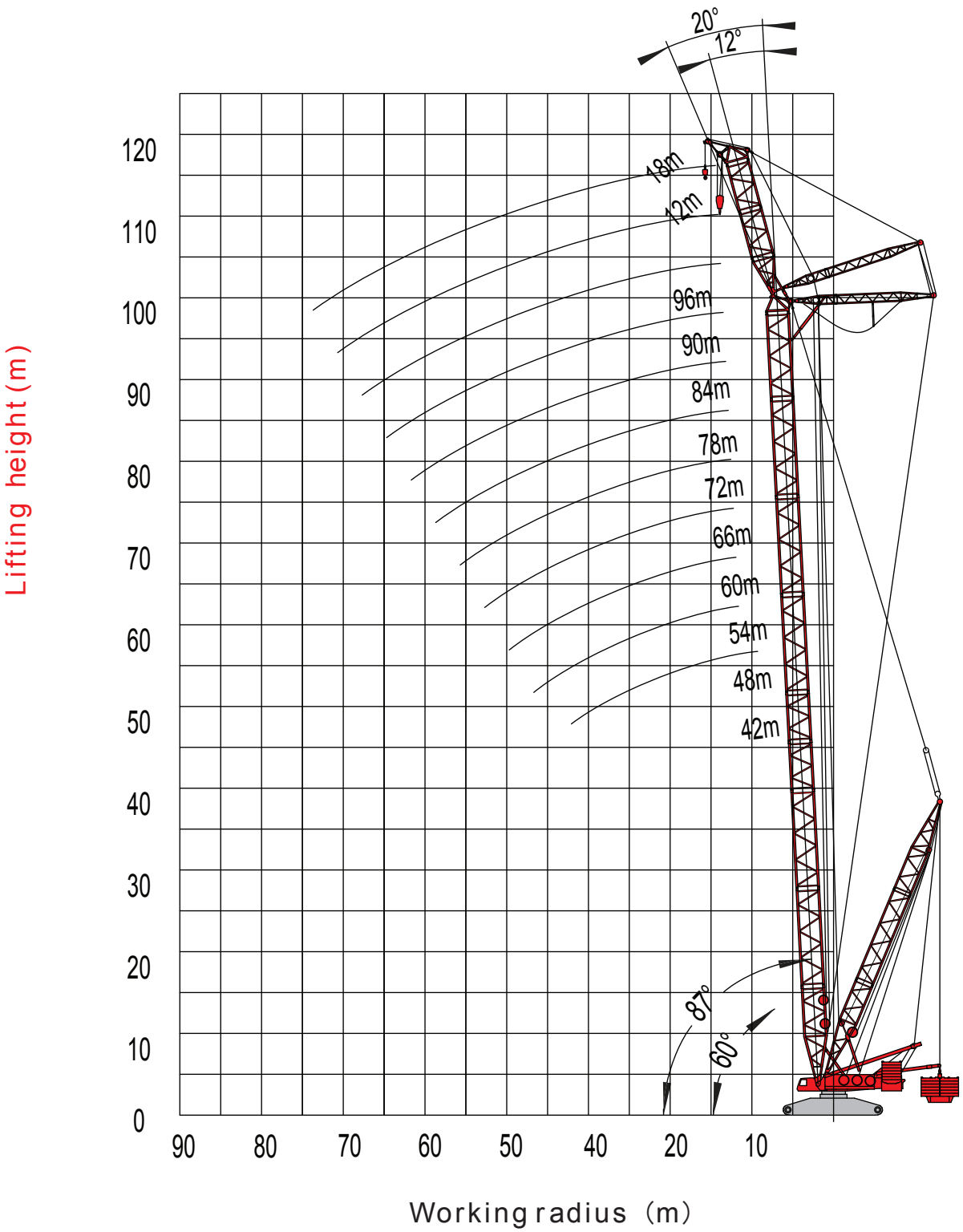
 42m-96m  12m.18m  360°  245t  95t  0-400t R=20m

Boom length	42m		48m		60m		72m		84m		96m	
Working radius \ Jib length	12m	18m	12m	18m	12m	18m	12m	18m	12m	18m	12m	18m
10m	586		515.2									
12m	557	465.1	497.9	419.5	391.3		318.5		224.2			
14m	528.1	458.3	480.5	419.1	390.6	330.4	318	271.9	223.7	207.1	177.1	154.2
16m	499.1	451.5	463.2	418.7	390	329.7	317.5	271.5	223.2	206.2	176.6	153.6
18m	470.2	444.7	445.8	418.2	389.4	329.1	317	271.1	222.7	205.3	176.2	153
20m	441.2	437.9	428.5	417.8	388.7	328.4	316.5	270.6	222.2	204.4	175.8	152.5
22m	414.1	404.2	402.4	392	368.5	319	307.7	269.5	220.3	201	172.9	148.9
24m	387	377.3	376.3	366.6	348.5	310.6	299.4	269	218.9	199.5	170.7	146.5
26m	359.8	350.5	350.1	341.2	328.6	302.1	291.1	268.6	217.6	197.9	168.6	144.2
28m	332.7	323.6	324	315.8	308.6	293.7	282.8	268.1	216.2	196.4	166.4	141.8
30m	305.6	296.7	297.9	290.4	288.7	285.3	274.5	266.5	214.8	194.8	164.2	139.4
34m	261.4	262.6	262.9	261.7	256.3	254.1	243.4	238.2	201.3	188.3	157.9	137.5
38m	217.3	228.5	227.9	229.9	221	221.1	212.3	208.9	187.8	181.8	151.6	135.6
42m	182.8	198.8	197.7	201.1	192.7	192.8	184.8	184.8	172.2	170.7	141.5	128.7
46m		173.4	172.2	177.8	169.8	169.8	162.2	162.3	154.4	154.7	127.6	116.8
50m		147.9		158.5	150.8	150.8	143.5	143.5	136.3	136.3	113.7	104.9
54m				137.4	134.8	134.8	127.7	127.7	120.8	120.7	100.9	93.1
58m					121.1	121.1	114.3	114.2	107.5	107.4	89.2	81.4
62m						109.3	102.6	102.6	96	95.9	77.5	69.7
66m							92.5	92.4	86	85.9	66.9	59.2
70m								83.5	77.2	77	57.4	50.1
74m									69.4	69.2	47.9	41
78m										62.2	40.9	33.4
82m											36.4	27.4
86m												21.4
90m												15.5

Courtesy of Crane.Market

Working Range HZSD

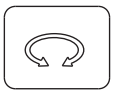
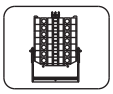
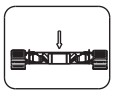
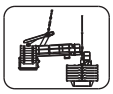
Working range of heavy-duty boom+heavy-duty jib+SL counterweight (HZSD)



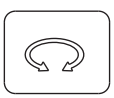
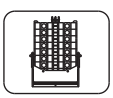
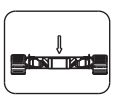
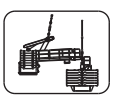
Courtesy of Crane.Market

Rated Lifting Capacity Load Chart HZSD

Jib installation angle 20°

 42m-96m  12m.18m  360°  245t  95t  0-400t R=18m

Boom length	42m		48m		60m		72m		84m		96m	
Working radius \ Jib length	12m	18m	12m	18m	12m	18m	12m	18m	12m	18m	12m	18m
11m	537.8											
12m	526.6		493.3		374.7							
14m	504.3	442.7	479.4	397.9	373.8		307.7		209.9		145.2	
16m	482	431.5	465.4	397.4	372.9	312.3	307.2	258.4	209.2	188.8	144.6	
18m	459.7	420.3	451.5	396.9	372	311.2	306.6	258	208.4	188.1	144	130
20m	437.4	409.2	437.5	396.3	371.1	310.1	306	257.7	207.7	187.4	143.4	129.6
22m	401.2	367.4	397.2	373.6	354.1	301.6	297.8	256	204.8	185.1	141.6	127.3
24m	376.2	348	370.8	351.9	338	295.8	290.5	255.2	203.5	184.8	140.9	126.4
26m	351.3	328.7	344.4	330.1	322	289.9	283.1	254.5	202.1	184.6	140.3	125.4
28m	325.4	309.3	318	308.4	305.9	284.1	275.8	253.7	200.8	184.3	139.6	124.5
30m	297.3	289.9	291.6	286.7	282.4	278.3	268.4	253	199.4	184	139	123.6
34m	252.3	253.2	247.6	248.6	238.7	239.8	230	227.6	185.5	177.5	128.4	120.3
38m	215.8	218.5	213.2	214.2	205	206	197	198.1	171.6	171	117.7	117
42m		191	186	186.9	178.3	179.2	170.8	171.7	158	160.5	107	109.5
46m		168.7		164.7	156.5	157.3	149.4	150.2	142.2	143.1	96.3	97.8
50m				146.3	138.5	139.2	131.6	132.4	124.8	125.6	85.5	86.1
54m						124	116.7	117.4	110.1	110.8	74.3	75.2
58m							103.9	104.5	97.5	98.1	62.6	65.3
62m								93.4	86.6	87.1	50.9	55.3
66m									77.1	77.5	41.4	46.1
70m										69.1	34.1	37.7
74m											26.8	29.3
78m												21.8

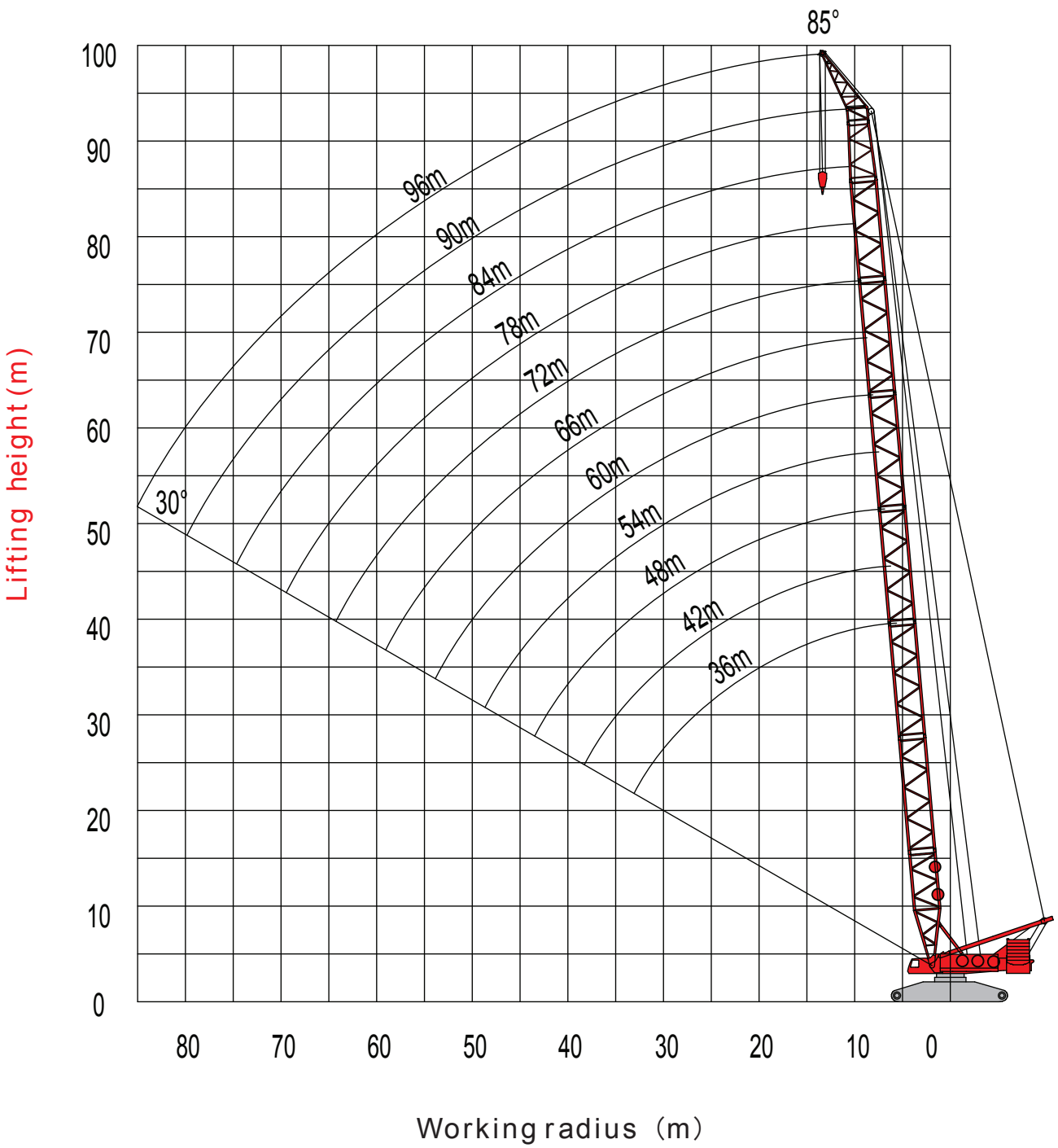
 42m-96m  12m.18m  360°  245t  95t  0-400t R=20m

Boom length	42m		48m		60m		72m		84m		96m	
Working radius \ Jib length	12m	18m	12m	18m	12m	18m	12m	18m	12m	18m	12m	18m
11m	542.6											
12m	531.4		498.1		379.5							
14m	509.1	447.5	484.2	402.7	378.6		312.5		214.7		150	
16m	486.8	436.3	470.2	402.2	377.7	317.1	312	263.2	214	193.6	149.4	
18m	464.5	425.1	456.3	401.7	376.8	316	311.4	262.8	213.2	192.9	148.8	134.8
20m	442.2	414	442.3	401.1	375.9	314.9	310.8	262.5	212.5	192.2	148.2	134.4
22m	406	372.2	402	378.4	358.9	306.4	302.6	260.8	209.6	189.9	146.4	132.1
24m	381	352.8	375.6	356.7	342.8	300.6	295.3	260	208.3	189.6	145.7	131.2
26m	356.1	333.5	349.2	334.9	326.8	294.7	287.9	259.3	206.9	189.4	145.1	130.2
28m	331.1	314.1	322.8	313.2	310.7	288.9	280.6	258.5	205.6	189.1	144.4	129.3
30m	306.1	294.7	296.4	291.5	294.6	283.1	273.2	254.8	204.2	188.8	143.8	128.4
34m	263.3	262.5	263.5	260.3	258.4	252	240.4	232.4	190.3	182.3	133.2	125.1
38m	220.6	230.2	230.6	229	222.5	220.9	207.6	206.9	176.4	175.8	122.5	121.8
42m		200.9	200.8	201.6	194	194.8	183.1	185.7	162.8	165.3	111.8	114.3
46m		174.6		178	170.8	171.6	163.5	164.3	149.4	151	101.1	102.6
50m				154.4	151.6	152.2	144.6	145.3	136	136.6	90.3	90.9
54m						136	128.6	129.2	121.8	122.5	79.1	80
58m							115	115.5	108.4	109	67.4	70.1
62m								103.7	96.8	97.3	55.7	60.1
66m									86.7	87.1	46.2	50.9
70m										78.1	38.9	42.5
74m											31.6	34.1
78m												26.6

Courtesy of Crane.Market

Working Range HW

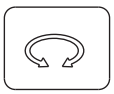
Working range of boom special for wind power (HW)

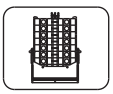


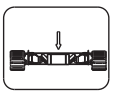
Courtesy of Crane.Market

Rated Lifting Capacity Load Chart HW


36m-96m


360°


245t


95t

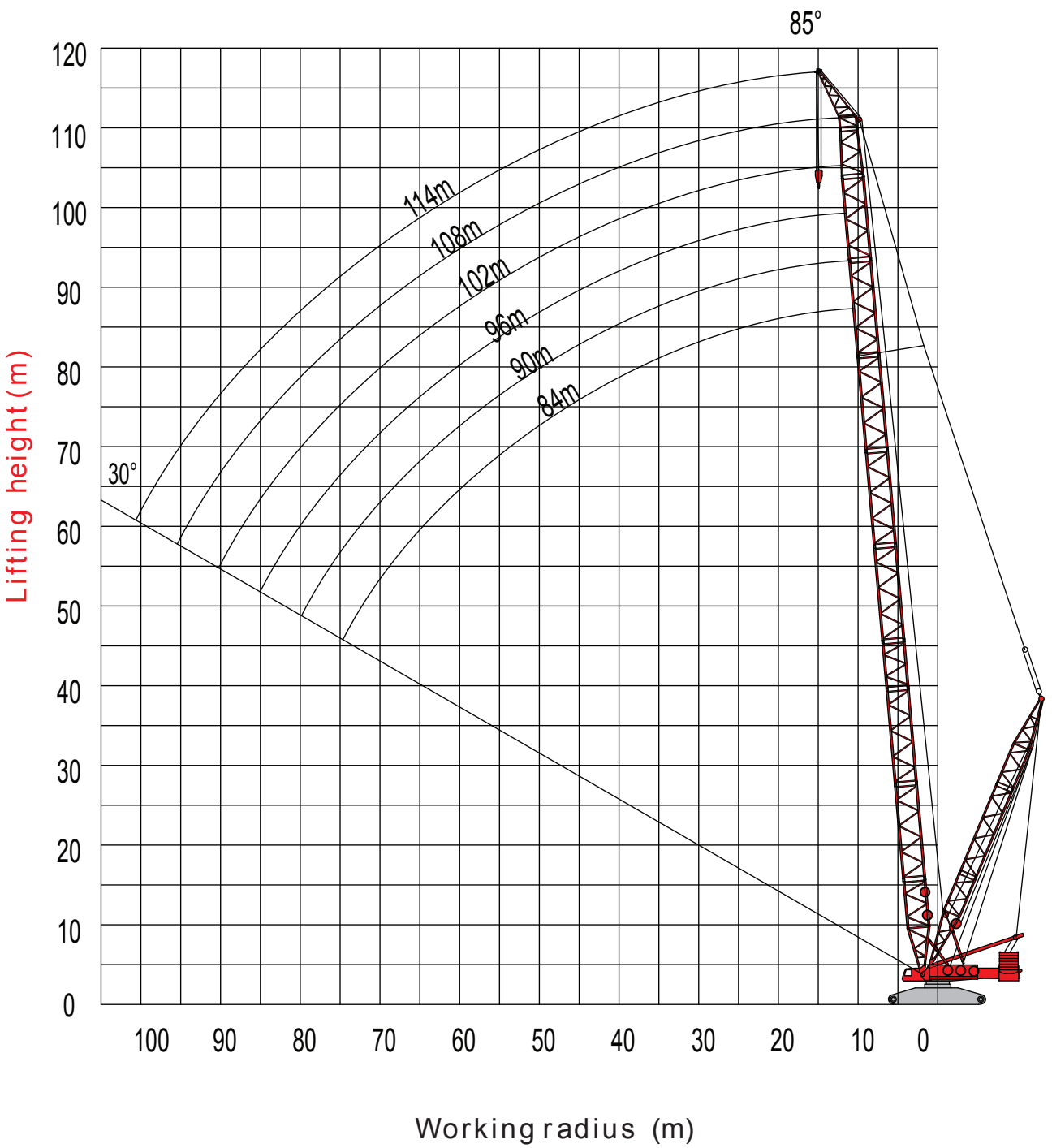
Working radius \ Boom length	42m	48m	54m	60m	66m	72m	78m	84m	90m	96m
9m	140.0									
10m	140.0	140.0	140.0							
11m	140.0	140.0	140.0	140.0	140.0					
12m	140.0	140.0	140.0	140.0	140.0	140.0	140.0			
13m	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	
14m	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0
16m	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0
18m	132.7	132.7	132.7	132.7	132.7	132.7	132.7	132.7	132.7	132.7
20m	129.8	129.4	129.4	129.4	129.4	129.4	129.4	129.4	129.4	129.4
22m	127.4	126.2	125.5	125.0	125.0	125.0	125.0	125.0	125.0	125.0
24m	125.3	123.5	121.8	119.1	119.1	119.1	119.1	119.1	119.1	118.6
26m	123.0	121.2	118.0	114.1	113.6	113.6	113.3	111.5	108.2	106.0
28m	117.1	114.7	112.3	109.8	107.3	105.4	102.8	100.5	97.5	95.4
30m	106.5	104.8	102.5	100.2	97.7	95.9	93.4	91.2	88.3	86.4
34m	89.3	87.8	86.3	84.6	82.3	80.6	78.2	76.1	73.4	71.5
38m	76.2	74.6	73.1	71.7	69.8	68.7	66.4	64.4	61.8	60.1
42m		64.3	62.7	61.3	59.4	58.3	56.3	54.7	52.6	50.9
46m			54.3	52.9	50.9	49.8	47.9	46.2	44.3	42.9
50m			47.3	45.9	44.0	42.9	40.9	39.2	37.3	35.9
54m				40.0	38.1	37.0	35.0	33.4	31.4	30.0
58m					33.1	32.0	30.0	28.4	26.4	25.0
62m						27.7	25.7	24	22	20.6
66m							21.9	20.3	18.3	16.9
70m							18.6	17	14.9	13.6
74m								14	12	10.6
78m									9.4	8
82m										5.6
86m										3.5

Courtesy of Crane.Market

Working Range HWS

Working range of boom special for wind power+SL mast(HWS)

※Extender attached

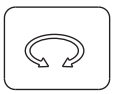


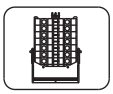
Courtesy of Crane.Market

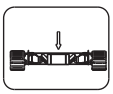
Rated Lifting Capacity Load Chart HWS


84m-114m


36m


360°


245t


95t

Working radius \ Boom length	84m	90m	96m	102m	108m	114m
12.0m	140.0					
14.0m	140.0	140.0	140.0	140.0		
16.0m	140.0	140.0	140.0	140.0	140.0	140.0
18.0m	140.0	140.0	140.0	140.0	140.0	140.0
20.0m	140.0	140.0	140.0	140.0	140.0	140.0
22.0m	140.0	140.0	140.0	140.0	140.0	135.0
24.0m	140.0	140.0	140.0	140.0	136.0	131.0
26.0m	136.0	135.0	133.2	132.2	131.1	127.6
28.0m	132.6	129.3	126.2	123.1	119.3	115.9
30.0m	121.6	118.4	115.6	112.6	109.0	105.8
34.0m	103.5	100.6	98.1	95.3	92.0	89.0
38.0m	89.3	86.6	84.2	81.7	78.5	75.7
42.0m	77.1	75.3	73.1	70.6	67.6	64.9
46.0m	66.7	65.0	63.7	61.5	58.5	55.9
50.0m	58.1	56.4	55.0	53.4	50.9	48.3
54.0m	50.9	49.1	47.8	46.1	43.8	41.8
58.0m	44.7	43.0	41.6	39.9	37.6	35.6
62.0m	39.4	37.6	36.3	34.6	32.3	30.3
66.0m	34.8	33.0	31.6	29.9	27.6	25.6
70.0m	30.7	28.9	27.6	25.8	23.5	21.5
74.0m	27.1	25.3	23.9	22.2	19.9	17.8
78.0m	25.2	22.1	20.7	19.0	16.6	14.6
82.0m		19.6	17.8	16.1	13.7	11.7
86.0m			15.2	13.4	11.1	9.1
90.0m			14.8	11.0	8.7	6.7
94.0m				10.0	6.5	4.5
98.0m					5.0	2.5

Courtesy of Crane.Market

Notes for Rated Lifting Capacity Load Chart

Notes:

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 form 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:

   750t hook block.....20.00t
   500t hook block..... 9.26t
   150t hook block 5.51t
   50t hook block.....1.55t
   15t hook.....0.70t
8. A 750t dual pulley block hook can be converted to 400t single pulley block hook.
9. The counterweights mounted on basic machine weight 245t, superlift counterweight 400t.
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.

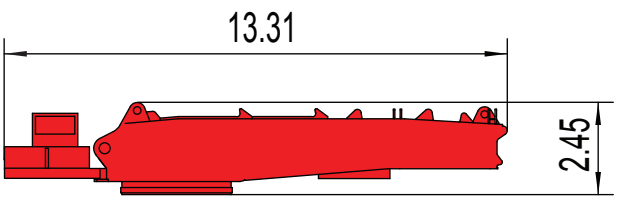
Abbreviations:

B=Boom, L=Length, Ld R=Load Radius

Courtesy of Crane.Market

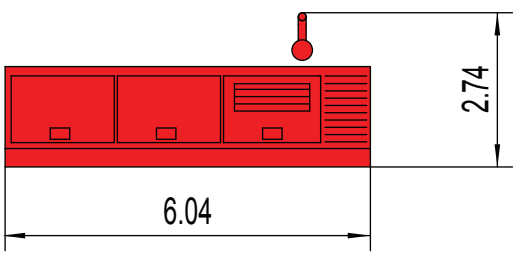
Transportation Dimensions and Weights

Unit: m



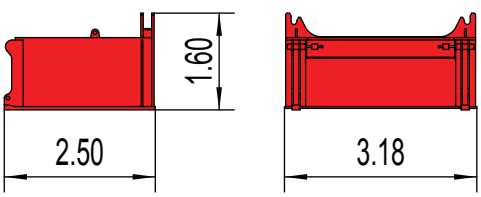
Super structure ×1
(without mast, main/aux.winch and derricking winch)

Length	13.31m
Width	3.20m
Height	2.45m
Weight	31300Kg



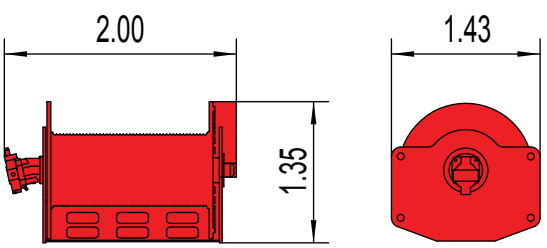
Power compartment ×1

Length	6.04m
Width	2.20m
Height	2.74m
Weight	9200Kg



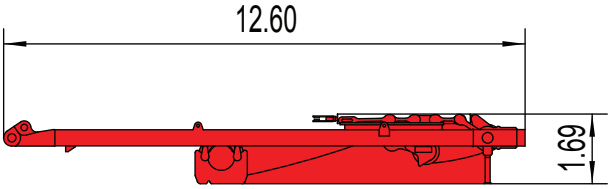
Super structure extension ×1

Length	2.50m
Width	3.18m
Height	1.60m
Weight	5248Kg



Hoist drum (including rope) ×2

Length	2.00m
Width	1.43m
Height	1.35m
Weight	8700Kg



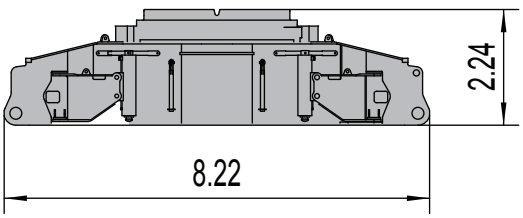
Mast assy. ×1

Length	12.60m
Width	2.56m
Height	1.69m
Weight	19000Kg

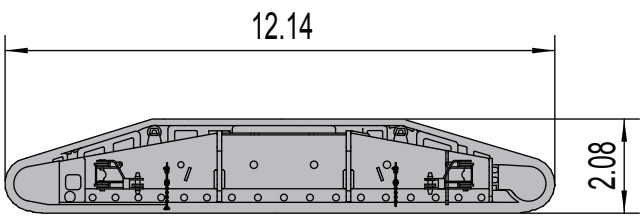
Courtesy of Crane.Market

Transportation Dimensions and Weights

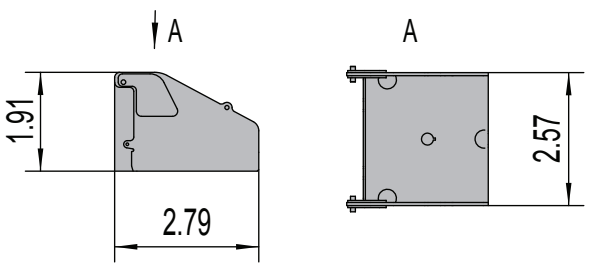
Unit: m



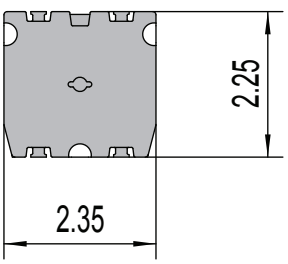
Center frame	×1
Length	8.22m
Width	3.33m
Height	2.24m
Weight	51000Kg



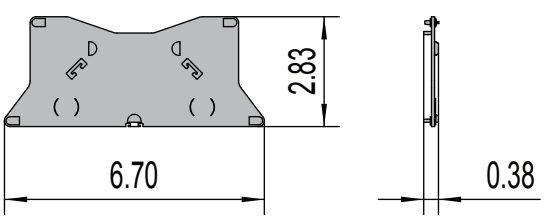
Crawler assy.	×2
Length	12.14m
Width	1.75m
Height	2.08m
Weight	54000Kg



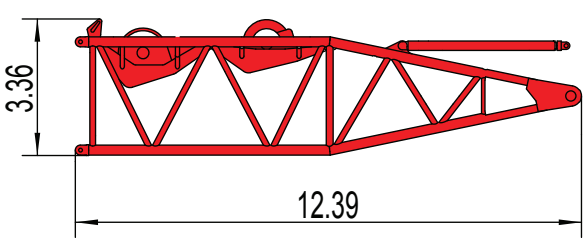
Rear counterweight tray	×2
Length	2.79m
Width	2.57m
Height	1.91m
Weight	10000Kg



Counterweight block	×53
Length	2.35m
Width	2.25m
Height	0.47m
Weight	12500Kg



Center frame ballast tray	×2
Length	6 70m
Width	2.83m
Height	0.38m
Weight	10500Kg

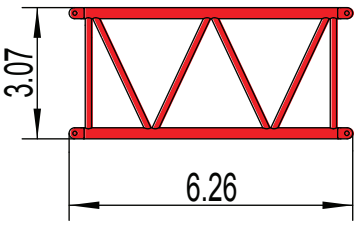


Boom foot	×1
Length	12.39m
Width	3.06m
Height	3.36m
Weight	31000Kg

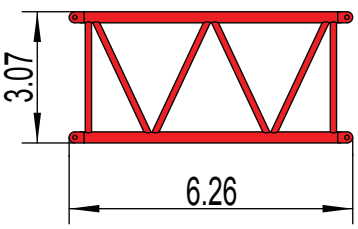
Courtesy of Crane.Market

Transportation Dimensions and Weights

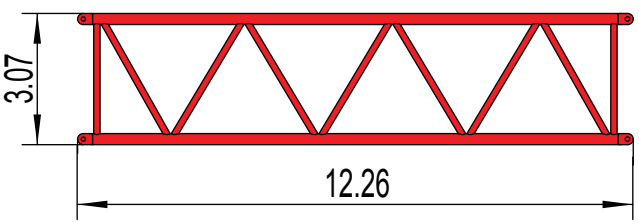
Unit: m



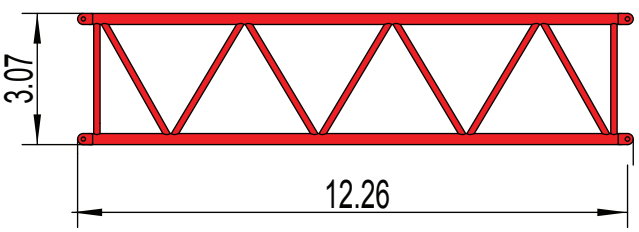
Boom 6m insert A	×2
Length	6.26m
Width	3.05m
Height	3.07m
Weight	6381Kg



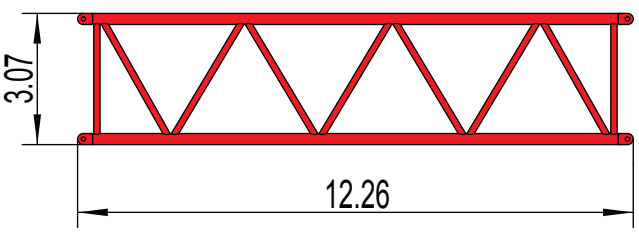
Boom 6m insert B	×1
Length	6.26m
Width	3.05m
Height	3.07m
Weight	6045Kg



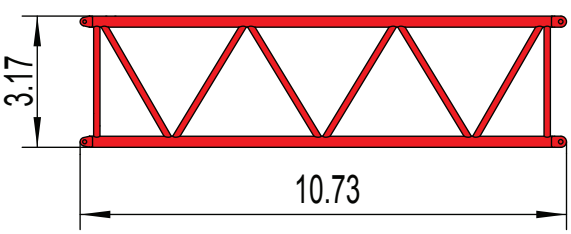
Boom 12m insert A	×4
Length	12.26m
Width	3.05m
Height	3.07m
Weight	11064Kg



Boom 12m insert B	×1
Length	12.26m
Width	3.05m
Height	3.07m
Weight	11096Kg



Boom 12m insert C	×3
Length	12.26m
Width	3.05m
Height	3.07m
Weight	9307Kg

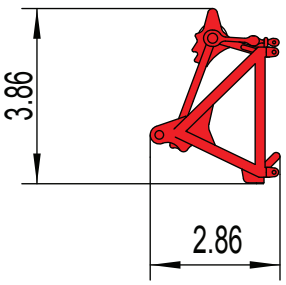


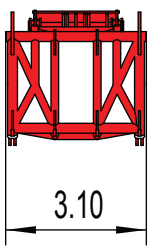
Boom 10.5m insert	×1
Length	10.73m
Width	3.05m
Height	3.17m
Weight	10045Kg

Courtesy of Crane.Market

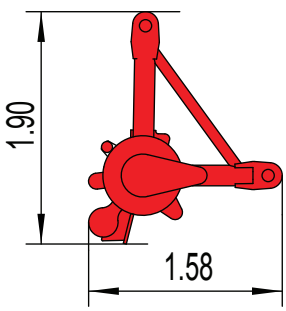
Transportation Dimensions and Weights

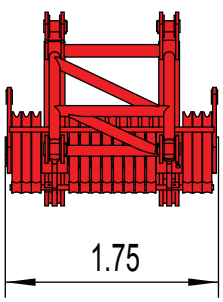
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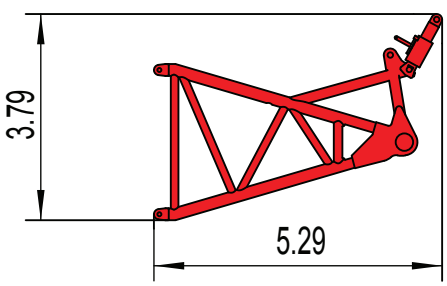


Boom head	×1
Length	2.86m
Width	3.10m
Height	3.86m
Weight	5830Kg

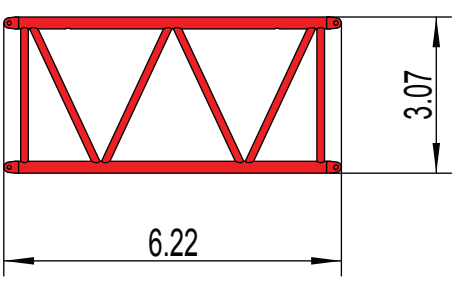




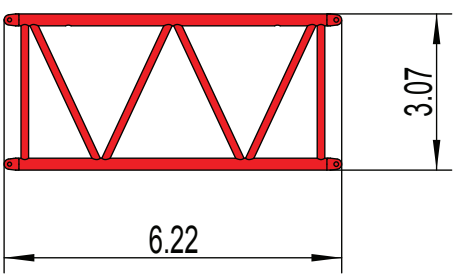
Boom lifting pulley block	×2
Length	1.58m
Width	1.75m
Height	1.90m
Weight	2312Kg



Jib foot	×1
Length	5.29m
Width	3.12m
Height	3.79m
Weight	5973Kg



Jib 6m insert A	×1
Length	6.22m
Width	3.02m
Height	3.07m
Weight	4665Kg

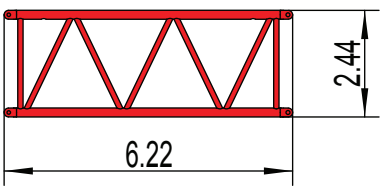


Jib 6m insert B	×1
Length	6.22m
Width	3.02m
Height	3.07m
Weight	4389Kg

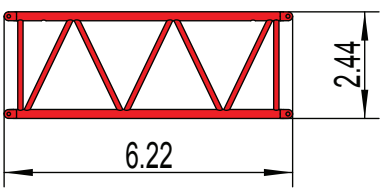
Courtesy of Crane.Market

Transportation Dimensions and Weights

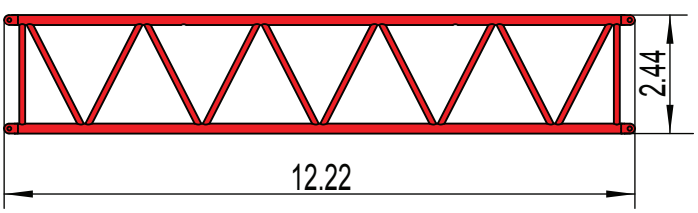
Unit: m



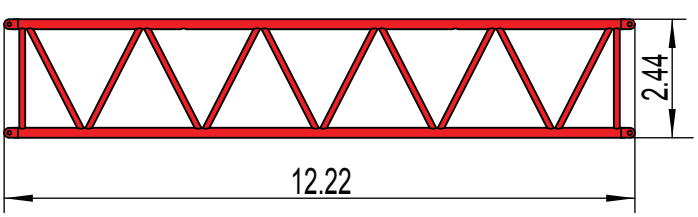
Jib 6m insert C	×2
Length	6.22m
Width	2.55m
Height	2.44m
Weight	3386Kg



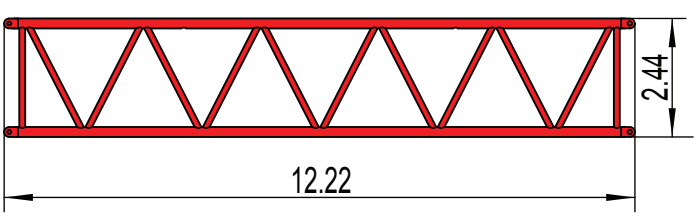
Jib 6m insert C	×2
Length	6.22m
Width	2.55m
Height	2.44m
Weight	3088Kg



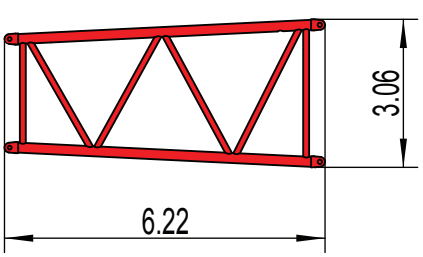
Jib 12m insert A	×1
Length	12.22m
Width	2.55m
Height	2.44m
Weight	6020Kg



Jib 12m insert B	×1
Length	12.22m
Width	2.55m
Height	2.44m
Weight	6050Kg



Jib 12m insert C	×2
Length	12.22m
Width	2.55m
Height	2.44m
Weight	6021Kg

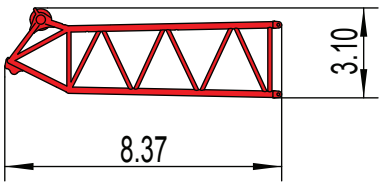


Jib tapered section	×1
Length	6.22m
Width	3.14m
Height	3.06m
Weight	3535Kg

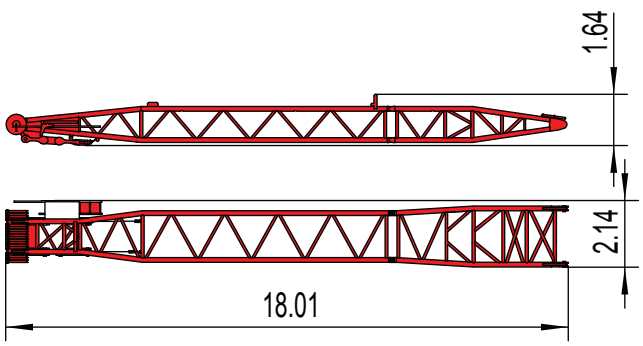
Courtesy of Crane.Market

Transportation Dimensions and Weights

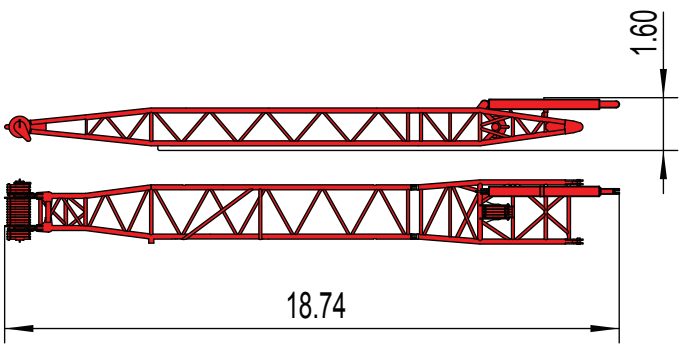
Unit: m



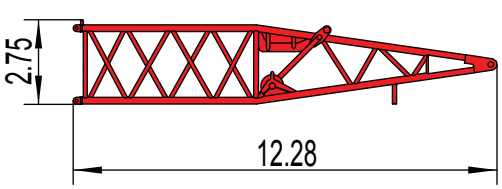
Jib top	×1
Length	8.37m
Width	2.72m
Height	3.10m
Weight	6099Kg



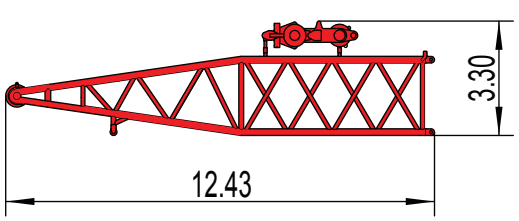
Luffing jib front strut	×1
Length	18.01m
Width	2.14m
Height	1.64m
Weight	7694Kg



Luffing jib rear strut	×1
Length	18.74m
Width	2.57m
Height	1.60m
Weight	112731Kg



SL mast foot	×1
Length	12.28m
Width	3.05m
Height	2.75m
Weight	16605Kg

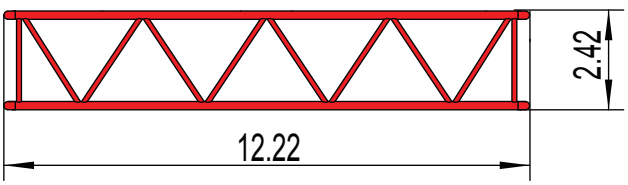


SL mast top	×1
Length	12.43m
Width	3.34m
Height	3.30m
Weight	13654Kg

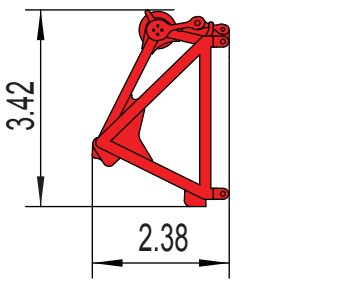
Courtesy of Crane.Market

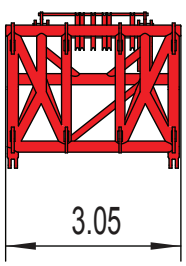
Transportation Dimensions and Weights

Unit: m

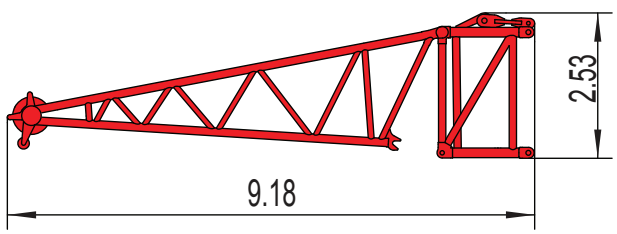


SL mast 12m jib insert	×1
Length	12.22m
Width	2.55m
Height	2.42m
Weight	7063Kg

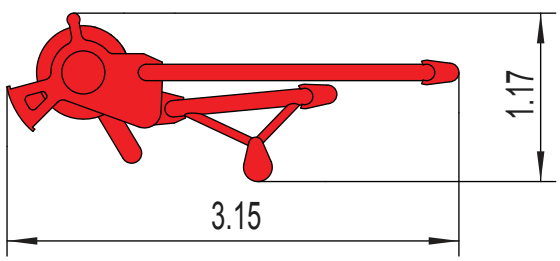




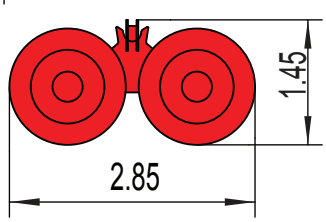
Heavy jib head	×1
Length	2.38m
Width	3.05m
Height	3.42m
Weight	5053Kg

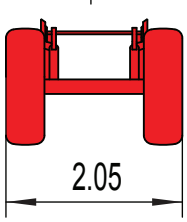


Boom head special for wind power	×1
Length	9.18m
Width	2.54m
Height	2.53m
Weight	6000Kg

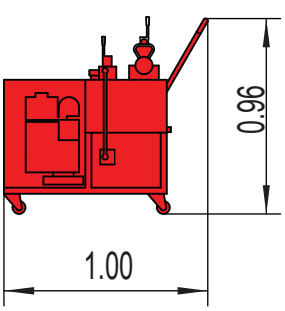


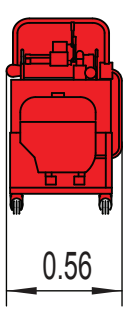
Runner	×1
Length	3.15m
Width	1.09m
Height	1.17m
Weight	715Kg





Trailer	×1
Length	2.85m
Width	2.05m
Height	1.45m
Weight	1200Kg



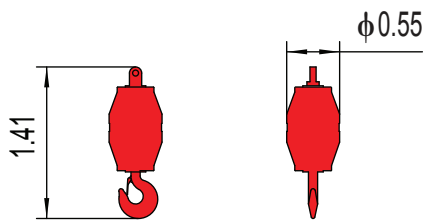


Mobile pump station	×1
Length	1.00m
Width	0.56m
Height	0.96m
Weight	200Kg

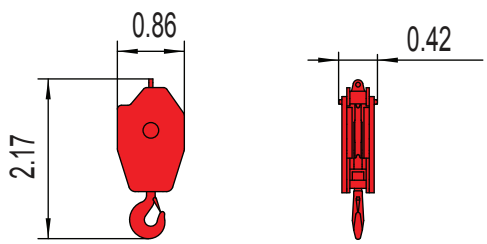
Courtesy of Crane.Market

Transportation Dimensions and Weights

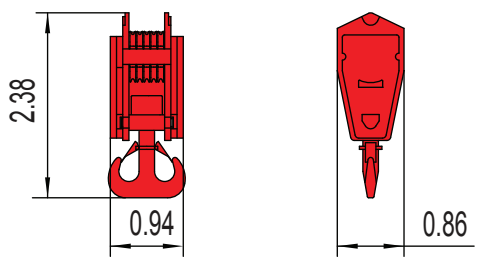
Unit: m



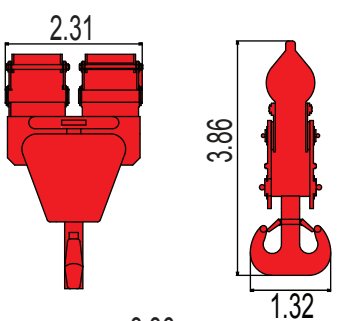
15t hook	×1
Length	1.41m
Width	0.55m
Height	0.55m
Weight	700Kg



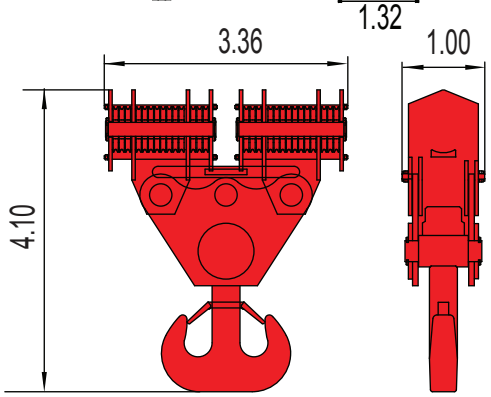
50t hook	×1
Length	2.17m
Width	0.86m
Height	0.42m
Weight	1550Kg



150t hook	×1
Length	2.38m
Width	0.94m
Height	0.86m
Weight	5510Kg



500t hook	×1
Length	3.86m
Width	2.31m
Height	1.32m
Weight	9260Kg



750t hook	×1
Length	4.10m
Width	3.36m
Height	1.00m
Weight	20219Kg

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

Courtesy of Crane.Market

Note

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All data provided in this document are for reference only and may change without notice.
A crawler crane is a powerful piece of equipment. Only authorized people are allowed to plan, transport, rig and work with it.
Consult your local regulations.

Courtesy of Crane.Market

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