

Liftcrane Capacities 275 metric tons

Boom length (m) Working radius (m)	15.25	18.30	21.35	24.40	27.45	30.50	33.50	36.55	39.65	42.65	45.70	48.75	51.80	54.85	57.90	60.95	64.00
4.3	275.0																
4.5	269.4	243.0/4.8															
5.0	244.3	242.4	216.0/5.2														
5.5	223.5	223.3	215.1	215.2/5.7													
6.0	205.8	205.6	205.3	204.9	189.0/6.1	162.0/6.6											
7.0	177.6	177.3	177.0	176.6	176.3	162.0	148.5	135.0/7.5									
8.0	155.9	155.7	155.4	155.1	154.8	154.6	147.8	134.8	120.8	121.5/8.4	108.0/8.9						
9.0	138.8	138.6	138.3	138.0	137.6	136.8	132.8	130.5	119.8	121.5	108.0	94.5/9.3	93.2/9.8				
10.0	125.0	124.8	124.5	124.1	123.9	121.0	117.6	116.0	113.0	110.0	107.4	94.5	93.0	81.0/10.2	78.3/10.7	67.5/11.1	65.6/11.6
12.0	102.0	102.2	102.1	102.0	100.1	97.8	95.4	94.6	92.5	90.3	88.4	86.5	84.5	81.0	77.5	67.5	65.4
14.0	81.9	82.0	81.9	81.7	81.5	81.5	79.9	79.6	77.9	76.1	74.7	73.2	71.6	70.3	68.9	67.5	64.5
16.0	75.1/14.9	68.0	67.9	67.8	67.6	67.5	67.3	68.4	67.0	65.6	64.5	63.2	61.9	60.7	59.7	58.6	57.4
18.0		59.8/17.6	57.7	57.6	57.4	57.3	57.0	58.2	58.0	57.4	56.5	55.4	54.2	53.2	52.4	51.5	50.4
20.0			50.0	49.9	49.7	49.5	49.3	50.4	50.2	49.9	49.7	49.1	48.1	47.2	46.5	45.7	44.7
22.0			49.5/20.2	43.9	43.6	43.5	43.2	44.2	44.0	43.7	43.6	43.4	43.0	42.2	41.5	40.9	40.0
24.0				41.8/22.8	38.7	38.5	38.2	39.3	39.0	38.7	38.7	38.4	38.1	37.9	37.5	36.9	36.0
26.0					35.7/25.5	34.5	34.2	35.2	35.0	34.7	34.5	34.3	34.0	33.8	33.7	33.4	32.7
28.0						31.2	30.8	31.8	31.6	31.2	31.2	30.9	30.6	30.3	30.2	30.0	29.7
30.0						31.0/28.1	28.0	29.0	28.7	28.3	28.2	28.0	27.7	27.4	27.2	27.1	26.7
32.0							27.0/30.8	26.5	26.2	25.8	25.7	25.5	25.2	24.9	24.7	24.6	24.2
34.0								25.0/33.4	24.1	23.7	23.6	23.3	23.0	22.7	22.6	22.3	22.1
36.0									22.2	21.8	21.7	21.4	21.1	20.8	20.7	20.5	20.1
38.0										20.2	20.0	19.7	19.3	19.1	19.0	18.7	18.4
40.0										19.7/38.7	18.6	18.2	17.8	17.6	17.5	17.2	16.9
42.0											17.7/41.3	16.9	16.6	16.2	16.1	15.8	15.6
44.0												15.8	15.3	15.1	14.9	14.6	14.3
46.0													14.3	14.0	13.8	13.6	13.2
48.0													14.1/46.6	13.0	12.8	12.6	12.2
50.0														12.2	12.0	11.6	11.3
52.0															11.2/51.9	10.8	10.5
54.0																10.1	9.7
56.0																9.9/54.5	9.0
58.0																	8.6/57.2

Boom length (m) Working radius (m)	67.05	70.10	73.15	76.20	79.25	82.30	85.35	88.40	91.45
12.0	60.5	54.0/12.5	50.3/12.9	46.5/13.4	42.7/13.8				
14.0	59.7	54.0	50.0	46.2	42.5	38.3/14.3	34.2/14.7	30.4/15.2	27.0/15.6
16.0	56.2	53.1	49.2	45.6	42.0	37.2	33.4	29.9	26.8
18.0	49.3	48.7	47.7	44.5	40.9	35.9	32.3	28.8	25.8
20.0	43.7	43.2	42.3	41.4	39.2	34.4	30.9	27.7	24.8
22.0	39.1	38.7	37.9	37.0	36.2	32.7	29.6	26.4	23.6
24.0	35.2	34.9	34.0	33.3	32.5	31.0	28.2	25.2	22.5
26.0	31.9	31.6	30.8	30.2	29.4	29.2	27.1	24.1	21.5
28.0	29.0	28.7	28.0	27.3	26.7	26.5	25.6	23.0	20.5
30.0	26.4	26.2	25.6	25.0	24.2	24.2	23.5	22.1	19.5
32.0	23.8	23.9	23.4	22.8	22.2	22.1	21.5	20.7	18.6
34.0	21.7	21.7	21.3	20.9	20.2	20.2	19.6	19.0	17.8
36.0	19.7	19.7	19.4	19.1	18.6	18.6	18.0	17.3	16.7
38.0	18.1	18.1	17.7	17.3	17.0	17.1	16.5	15.8	15.3
40.0	16.5	16.6	16.2	15.8	15.5	15.6	15.1	14.5	14.0
42.0	15.1	15.1	14.8	14.5	14.1	14.2	13.8	13.3	12.8
44.0	14.0	14.0	13.6	13.3	12.8	13.0	12.6	12.1	11.6
46.0	12.8	12.8	12.5	12.1	11.8	11.8	11.5	11.1	10.6
48.0	11.8	11.8	11.5	11.1	10.8	10.8	10.5	10.1	9.7
50.0	10.9	10.9	10.5	10.2	9.8	9.9	9.6	9.1	8.8
52.0	10.1	10.1	9.6	9.3	9.0	9.1	8.7	8.3	8.0
54.0	9.3	9.3	8.9	8.6	8.2	8.3	8.0	7.5	7.2
56.0	8.6	8.6	8.2	7.9	7.5	7.5	7.2	6.8	6.5
58.0	8.0	7.9	7.5	7.2	6.8	6.9	6.5	6.1	5.8
60.0	7.4/59.8	7.3	6.9	6.6	6.2	6.3	5.9	5.5	5.1
62.0		6.8	6.4	6.0	5.6	5.7	5.4	4.9	4.6
64.0		6.7/62.4	5.8	5.5	5.1	5.1	4.8	4.4	4.0
66.0			5.6/65.1	5.0	4.6	4.6	4.3	3.9	3.5
68.0				4.7/67.7	4.1	4.2	3.9	3.4	3.0
70.0					3.7	3.7	3.4	3.0	2.5
72.0					3.7/70.4	3.4	3.0	2.5	2.0
74.0						3.2/73.0	2.6	2.2	1.6
76.0							2.3/75.6	1.8	1.2
78.0								1.5	
78.3								1.5	

WORKING MASS & GROUND PRESSURE:

Shoe width	Mass	Pressure
1120mm	223.0t	124.0kPa <1.27kg/cm ² >

Note: Working mass shown above is with 15.24m basic boom, 102.8ton counterweight, 18ton carbody weight and optional 275t hook block.

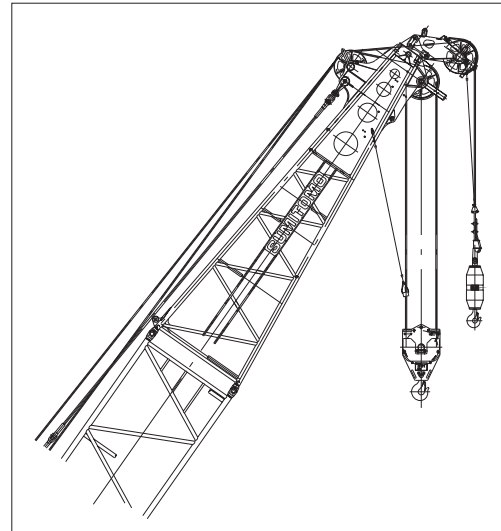
Notes — Liftcrane capacities

1. Capacities included in these charts are the maximum allowable, and are based on machine standing level on firm supporting surface under ideal job conditions.
2. Capacities are in metric tons, and are rated in accordance with European EN13000 Standards in terms of machine stability and structural strength limitations; the figures surrounded by bold lines are based on factors other than those which would cause a tipping condition.
3. Capacities are based on freely suspended loads and make no allowance for such factors as the effect of wind, sudden stopping of loads, supporting surface conditions, and operating speeds. Operator must reduce load ratings to take such conditions into account. Deduction from rated capacities must be made for weight of hook block, weighted ball/hook, sling, spreader bar, or other suspended gear.
Hook block weight is as follows:

275t4.3ton	250t3.7ton
145t3.3ton (275t use)		
145t2.7ton (250t use)		
80t1.4ton	35t0.9ton
		13.5t0.6ton
4. All capacities are rated for 360° swing.
5. Least stable rated condition is over the side.
6. An 102.8ton counterweight and 18.0ton carbody weight are required for all capacities on this chart.
7. Attachment must be erected and lowered over the ends of the crawler mounting.
8. Main boom length must not exceed 91.45m.
Maximum fly jib length permitted — 36.55m.
Maximum boom plus fly jib combination length permitted — 70.1m+36.55m.
Maximum boom length when mounting auxiliary short jib is 88.40m.
9. Capacities when handling load off main boom head sheaves in case of mounting fly jib or auxiliary short jib on top of boom are detailed; if required, please consult us or nearest distributor.
10. Boom combination shall be in accordance with manufacturer's standard described here in "Boom Combination Diagram" of page 16.

**SCX2800-2 AUXILIARY SHORT JIB CAPACITIES:
Max. 13.5ton**

Note: Jib capacities is almost equal to the figures made by the deduction of apporx. 600kg from the liftcrane capacities for boom length up to 88.40m unless restricted by the maximum jib capacity shown above. As to the details, please consult us or nearest distributor.



Auxiliary short jib (Option)

Fly Jib Capacities 27 metric tons

Boom length(m)	45.70											
Jib length(m)	12.20				18.30		24.40		30.50		36.55	
Jib offset angle(°)	10		30		10	30	10	30	10	30	10	30
Working radius(m)												
12.3	27.0	13.5/12.5										
14.0	27.0	13.5	13.9/15.8		23.4/14.3	13.5/14.5						
16.0	27.0	13.5	13.8	13.5/16.3	22.9	13.5		13.5/16.4				
18.0	27.0	13.5	13.5	13.5	22.2	13.5		13.5		11.8/18.3		
20.0	27.0	13.5	12.9	12.9	21.7	13.5	10.1/20.1	13.5		11.6		8.2/20.3
22.0	27.0	13.5	12.4	12.4	21.1	13.5	9.8	13.5	7.8/23.9	11.3		8.0
24.0	25.7	13.5	12.0	12.0	20.6	13.5	9.3	13.5	7.8	10.9		7.6
26.0	24.2	13.5	11.6	11.6	19.7	13.5	9.0	13.5	7.5	10.6	6.1/27.6	7.3
28.0	22.7	13.5	11.2	11.2	18.6	13.5	8.7	13.5	7.1	10.3	6.1	7.0
30.0	21.5	13.5	10.8	10.8	17.5	13.5	8.4	13.5	6.9	10.1	5.9	6.6
32.0	20.3	13.5	10.6	10.6	16.6	13.5	8.1	13.5	6.6	9.8	5.6	6.4
34.0	19.3	13.5	10.3	10.3	15.8	13.5	7.9	13.3	6.5	9.5	5.5	6.1
36.0	18.4	13.5	10.0	10.0	15.0	13.5	7.6	12.8	6.3	9.3	5.3	5.9
38.0	17.6	13.5	9.8	9.8	14.3	13.5	7.5	12.2	6.0	9.0	5.0	5.6
40.0	16.8	13.5	9.6	9.6	13.6	13.5	7.3	11.6	5.9	8.8	4.9	5.4
42.0	16.2	13.5	9.3	9.3	13.1	13.1	7.1	11.1	5.7	8.5	4.8	5.2
44.0	15.5	13.5	9.1	9.1	12.6	12.6	7.0	10.7	5.5	8.2	4.6	5.0
46.0	14.8	13.5	9.0	9.0	12.1	12.1	6.8	10.3	5.4	8.0	4.5	4.9
48.0	13.8	13.5	8.9	8.9	11.6	11.6	6.6	9.8	5.3	7.8	4.4	4.7
50.0	12.9	12.9	8.8	8.8	11.3	11.3	6.5	9.5	5.1	7.5	4.3	4.5
52.0	12.1	12.1	8.7	8.7	10.8	10.8	6.4	9.2	5.0	7.4	4.1	4.4
54.0	12.0/52.4	11.6/53.1	8.7/53.0	8.7/53.8	10.5	10.5	6.4	8.8	5.0	7.1	4.0	4.3
56.0					10.2	10.2	6.3	8.6	4.9	7.0	4.0	4.1
58.0					9.9	9.9	6.2	8.3	4.8	6.9	3.9	4.0
60.0					9.8/58.1	9.8/58.8	6.2/59.9	8.1	4.8	6.7	3.8	3.9
64.0								7.6	4.6	6.4	3.7	3.7
68.0								7.6/64.5	4.6/66.0	6.2	3.6	3.5
72.0										6.0/70.3	3.5	3.4
76.0											3.5/72.1	3.3
80.0												2.7/78.2
80.8												
No. of part line	2	1	2	1	2	1	1	1	1	1	1	1

Boom length(m)	48.75											
Jib length(m)	12.20				18.30		24.40		30.50		36.55	
Jib offset angle(°)	10		30		10	30	10	30	10	30	10	30
Working radius(m)												
12.3	27.0/12.8	13.5/13.0										
14.0	27.0	13.5			23.4/14.7	13.5/14.9						
16.0	27.0	13.5	13.9/16.3	13.5/16.7	23.1	13.5		13.5/16.9				
18.0	27.0	13.5	13.6	13.5	22.4	13.5		13.5		11.8/18.8		
20.0	27.0	13.5	13.1	13.1	21.8	13.5	10.1/20.5	13.5		11.6		8.1/20.7
22.0	27.0	13.5	12.6	12.6	21.3	13.5	9.8	13.5		11.3		8.0
24.0	26.6	13.5	12.1	12.1	20.8	13.5	9.5	13.5	7.8/24.3	11.0		7.8
26.0	25.0	13.5	11.8	11.8	20.3	13.5	9.1	13.5	7.5	10.6		7.4
28.0	23.5	13.5	11.3	11.3	19.1	13.5	8.8	13.5	7.3	10.4	6.1/28.1	7.0
30.0	22.2	13.5	11.0	11.0	18.1	13.5	8.6	13.5	7.0	10.1	5.9	6.8
32.0	21.1	13.5	10.7	10.7	17.1	13.5	8.3	13.5	6.8	9.8	5.7	6.5
34.0	20.1	13.5	10.5	10.5	16.2	13.5	8.0	13.5	6.5	9.6	5.5	6.2
36.0	19.1	13.5	10.1	10.1	15.5	13.5	7.8	13.2	6.3	9.4	5.3	6.0
38.0	18.2	13.5	10.0	10.0	14.8	13.5	7.6	12.6	6.1	9.1	5.1	5.7
40.0	17.5	13.5	9.7	9.7	14.1	13.5	7.4	12.0	6.0	8.9	5.0	5.5
42.0	16.8	13.5	9.5	9.5	13.6	13.5	7.2	11.5	5.8	8.6	4.8	5.3
44.0	15.6	13.5	9.3	9.3	13.0	13.0	7.0	11.1	5.6	8.3	4.7	5.1
46.0	14.5	13.5	9.1	9.1	12.6	12.6	6.9	10.6	5.5	8.1	4.5	5.0
48.0	13.5	13.5	9.0	9.0	12.1	12.1	6.8	10.2	5.4	7.9	4.5	4.8
50.0	12.6	12.6	8.9	8.9	11.6	11.6	6.6	9.8	5.3	7.7	4.3	4.6
52.0	11.7	11.7	8.8	8.8	11.3	11.3	6.5	9.5	5.1	7.5	4.2	4.5
54.0	11.0	11.0	8.7	8.7	10.9	10.9	6.4	9.1	5.0	7.3	4.1	4.4
56.0	10.6/55.0	10.5/55.7	8.7/55.7	8.7	10.6	10.6	6.4	8.8	5.0	7.1	4.0	4.3
58.0			8.7/56.5		10.0	10.0	6.3	8.6	4.9	7.0	4.0	4.1
60.0					9.3	9.3	6.2	8.3	4.8	6.9	3.9	4.0
64.0					9.1/60.7	8.8/61.5	6.2/62.6	7.9	4.7	6.5	3.7	3.8
68.0								7.5/67.2	4.6	6.3	3.6	3.6
72.0									4.6/68.7	6.1	3.5	3.5
76.0										6.0/72.9	3.5/74.8	3.4
80.0												3.3/78.6
80.8												2.7
No. of part line	2	1	2	1	2	1	1	1	1	1	1	1

Boom length(m)	51.80											
Jib length(m)	12.20				18.30		24.40		30.50		36.55	
Jib offset angle(°)	10		30		10	30	10	30	10	30	10	30
Working radius(m)												
13.2	27.0	13.5/13.4										
14.0	27.0	13.5			23.3/15.2	13.5/15.4						
16.0	27.0	13.5	13.9/16.7	13.5/17.2	23.1	13.5		13.5/17.3				
18.0	27.0	13.5	13.6	13.5	22.5	13.5		13.5		11.8/19.2		
20.0	27.0	13.5	13.1	13.1	21.9	13.5	10.1/21.0	13.5		11.6		8.1/21.2
22.0	27.0	13.5	12.7	12.7	21.5	13.5	9.9	13.5		11.3		8.1
24.0	27.0	13.5	12.3	12.3	21.0	13.5	9.6	13.5	7.8/24.8	11.1		7.9
26.0	25.7	13.5	11.9	11.9	20.5	13.5	9.2	13.5	7.5	10.8		7.5
28.0	24.3	13.5	11.5	11.5	19.7	13.5	8.9	13.5	7.3	10.5	6.1/28.5	7.1
30.0	23.0	13.5	11.2	11.2	18.6	13.5	8.6	13.5	7.0	10.2	6.0	6.9
32.0	21.8	13.5	10.9	10.9	17.7	13.5	8.3	13.5	6.8	10.0	5.8	6.5
34.0	20.7	13.5	10.6	10.6	16.7	13.5	8.1	13.5	6.6	9.7	5.5	6.3
36.0	19.8	13.5	10.3	10.3	16.0	13.5	7.9	13.3	6.4	9.5	5.4	6.0
38.0	19.0	13.5	10.1	10.1	15.3	13.5	7.7	13.0	6.2	9.3	5.2	5.8
40.0	17.8	13.5	9.8	9.8	14.6	13.5	7.5	12.4	6.0	9.0	5.0	5.6
42.0	16.5	13.5	9.6	9.6	14.0	13.5	7.4	11.8	5.9	8.8	4.9	5.4
44.0	15.3	13.5	9.5	9.5	13.5	13.5	7.1	11.4	5.8	8.6	4.8	5.3
46.0	14.1	13.5	9.3	9.3	13.0	13.0	7.0	11.0	5.6	8.3	4.6	5.0
48.0	13.1	13.1	9.1	9.1	12.5	12.5	6.9	10.6	5.5	8.1	4.5	4.9
50.0	12.2	12.2	9.0	9.0	12.1	12.1	6.8	10.1	5.4	7.9	4.4	4.8
52.0	11.3	11.3	8.9	8.9	11.6	11.6	6.6	9.8	5.3	7.6	4.3	4.6
54.0	10.6	10.6	8.8	8.8	11.0	11.0	6.5	9.5	5.1	7.5	4.1	4.5
56.0	9.9	9.9	8.8	8.8	10.3	10.3	6.4	9.1	5.0	7.3	4.1	4.3
58.0	9.3/57.7	9.3	8.7	8.7	9.6	9.6	6.4	8.9	5.0	7.1	4.0	4.2
60.0		9.1/58.4	8.7/58.3	8.7/59.1	9.0	9.0	6.3	8.6	4.9	7.0	3.9	4.1
64.0					8.1/63.4		7.9	6.2	8.1	4.8	6.7	3.7
68.0						7.9/64.1	6.2/65.2	7.4	4.6	6.5	3.7	3.7
72.0								7.0/69.8	4.6/71.3	6.2	3.6	3.5
76.0										6.0/75.6	3.5	3.4
80.0											3.5/77.4	3.3
84.0												3.3/81.3
86.1												2.7/83.5
No. of part line	2	1	2	1	2	1	1	1	1	1	1	1

Boom length(m)	54.85												
Jib length(m)	12.20		18.30		24.40		30.50		36.55				
Jib offset angle(°)	10		30		10		30		10		30		
Working radius(m)	10		30		10	30	10	30	10	30	10	30	
13.2	27.0/13.7	13.5/13.9											
14.0	27.0	13.5			23.2/15.6	13.5/15.8							
16.0	27.0	13.5	13.9/17.2	13.5/17.6	23.2	13.5		13.5/17.8					
18.0	27.0	13.5	13.8	13.5	22.6	13.5			11.8/19.7				
20.0	27.0	13.5	13.3	13.3	22.1	13.5	10.1/21.4	13.5			8.1/21.6		
22.0	27.0	13.5	12.8	12.8	21.6	13.5	10.0	13.5			8.1		
24.0	27.0	13.5	12.4	12.4	21.1	13.5	9.6	13.5	7.8/25.2	11.1		7.9	
26.0	26.6	13.5	12.1	12.1	20.6	13.5	9.3	13.5	7.6	10.8		7.5	
28.0	25.1	13.5	11.6	11.6	20.2	13.5	9.0	13.5	7.4	10.6	6.1/29.0	7.3	
30.0	23.7	13.5	11.3	11.3	19.1	13.5	8.8	13.5	7.1	10.3	6.0	7.0	
32.0	22.6	13.5	11.1	11.1	18.2	13.5	8.5	13.5	6.9	10.1	5.8	6.6	4.7/32.8
34.0	21.5	13.5	10.8	10.8	17.2	13.5	8.3	13.5	6.6	9.8	5.6	6.4	4.6
36.0	20.5	13.5	10.5	10.5	16.5	13.5	8.0	13.5	6.5	9.6	5.4	6.1	4.5
38.0	19.1	13.5	10.3	10.3	15.8	13.5	7.8	13.3	6.3	9.3	5.3	5.9	4.4
40.0	17.6	13.5	10.0	10.0	15.1	13.5	7.6	12.8	6.1	9.1	5.1	5.7	4.3
42.0	16.2	13.5	9.8	9.8	14.5	13.5	7.5	12.2	6.0	9.0	5.0	5.5	4.1
44.0	15.0	13.5	9.6	9.6	13.9	13.5	7.3	11.7	5.8	8.7	4.8	5.4	4.0
46.0	13.8	13.5	9.5	9.5	13.4	13.4	7.1	11.3	5.6	8.5	4.6	5.1	3.9
48.0	12.8	12.8	9.3	9.3	12.9	12.9	7.0	10.8	5.5	8.3	4.5	5.0	3.8
50.0	11.8	11.8	9.1	9.1	12.3	12.3	6.9	10.5	5.4	8.0	4.5	4.9	3.7
52.0	11.0	11.0	9.0	9.0	11.5	11.5	6.7	10.1	5.3	7.8	4.4	4.7	3.6
54.0	10.3	10.3	8.9	8.9	10.6	10.6	6.6	9.8	5.2	7.6	4.3	4.5	3.5
56.0	9.5	9.5	8.8	8.8	9.9	9.9	6.5	9.5	5.1	7.5	4.1	4.4	3.4
58.0	8.8	8.8	8.8	8.8	9.3	9.3	6.4	9.1	5.0	7.3	4.0	4.3	3.4
60.0	8.3	8.3	8.4	8.4	8.6	8.6	6.4	8.9	5.0	7.1	4.0	4.2	3.2
64.0	8.2/60.3	8.0/61.0	8.1/60.9	8.1/61.7	7.5	7.5	6.2	8.1	4.8	6.9	3.8	4.0	3.1
68.0					7.0/66.0	6.7/66.7	6.2/67.8	7.0	4.7	6.5	3.7	3.8	3.0
72.0								6.1	4.6	6.4	3.6	3.6	2.9
76.0								6.0/72.5	4.6/73.9	5.6	3.5	3.5	2.8
80.0										5.2/78.2	3.5	3.4	2.7
84.0												3.2/83.9	2.7
86.1													2.7
No.of part line	2	1	2	1	2	1	1	1	1	1	1	1	1

Boom length(m)	57.90												
Jib length(m)	12.20		18.30		24.40		30.50		36.55				
Jib offset angle(°)	10		30		10		30		10		30		
Working radius(m)	10		30		10	30	10	30	10	30	10	30	
14.1	27.0	13.5/14.3											
16.0	27.0	13.5			23.2/16.1	13.5/16.3							
18.0	27.0	13.5	13.8/17.6		22.7	13.5		13.5/18.2					
20.0	27.0	13.5	13.4	13.4	22.2	13.5	10.1/21.9	13.5		11.8/20.1			
22.0	27.0	13.5	13.0	13.0	21.7	13.5	10.1	13.5		11.5		8.1/22.1	
24.0	27.0	13.5	12.6	12.6	21.3	13.5	9.7	13.5	7.7/25.7	11.1		8.0	
26.0	27.0	13.5	12.1	12.1	20.8	13.5	9.4	13.5	7.6	10.9		7.6	
28.0	25.8	13.5	11.8	11.8	20.4	13.5	9.1	13.5	7.4	10.6	6.1/29.5	7.4	
30.0	24.5	13.5	11.5	11.5	19.6	13.5	8.8	13.5	7.1	10.4	6.0	7.0	
32.0	23.2	13.5	11.2	11.2	18.7	13.5	8.6	13.5	7.0	10.1	5.8	6.8	4.7/33.2
34.0	22.1	13.5	10.9	10.9	17.7	13.5	8.3	13.5	6.8	10.0	5.6	6.5	4.6
36.0	20.6	13.5	10.6	10.6	17.0	13.5	8.1	13.5	6.5	9.7	5.5	6.3	4.5
38.0	18.9	13.5	10.4	10.4	16.2	13.5	7.9	13.4	6.4	9.5	5.3	6.0	4.4
40.0	17.3	13.5	10.1	10.1	15.5	13.5	7.7	13.1	6.2	9.3	5.1	5.8	4.3
42.0	16.0	13.5	10.0	10.0	14.9	13.5	7.5	12.6	6.0	9.1	5.0	5.6	4.1
44.0	14.7	13.5	9.8	9.8	14.3	13.5	7.4	12.1	5.9	8.8	4.9	5.4	4.0
46.0	13.6	13.5	9.6	9.6	13.8	13.5	7.2	11.6	5.8	8.6	4.8	5.3	4.0
48.0	12.6	12.6	9.4	9.4	13.1	13.1	7.0	11.1	5.6	8.4	4.6	5.1	3.9
50.0	11.6	11.6	9.3	9.3	12.1	12.1	7.0	10.8	5.5	8.1	4.5	5.0	3.7
52.0	10.8	10.8	9.1	9.1	11.2	11.2	6.8	10.4	5.4	8.0	4.4	4.8	3.7
54.0	10.0	10.0	9.0	9.0	10.5	10.5	6.7	10.1	5.3	7.8	4.3	4.6	3.5
56.0	9.3	9.3	8.9	8.9	9.7	9.7	6.6	9.8	5.1	7.6	4.2	4.5	3.5
58.0	8.6	8.6	8.8	8.8	9.1	9.1	6.5	9.5	5.1	7.4	4.1	4.4	3.4
60.0	8.1	8.1	8.2	8.2	8.4	8.4	6.4	9.0	5.0	7.3	4.0	4.3	3.3
64.0	7.3/62.9	7.1/63.6	7.1/63.6	7.0	7.3	7.3	6.3	7.9	4.9	7.0	3.9	4.0	3.2
68.0				6.8/64.4	6.4	6.4	6.2	6.8	4.8	6.7	3.7	3.9	3.0
72.0					6.2/68.7	6.2/69.4	6.1/70.5	6.0	4.6	6.2	3.7	3.7	2.9
76.0								5.4/75.1	4.6	5.4	3.5	3.5	2.9
80.0									4.6/76.6	4.7	3.5	3.4	2.7
84.0										4.5/80.8	3.5/82.7	3.3	2.7
88.0												3.2/86.6	2.7
91.4													2.7/88.8
No.of part line	2	1	2	1	2	1	1	1	1	1	1	1	1

Boom length(m)	60.95												
Jib length(m)	12.20		18.30		24.40		30.50		36.55				
Jib offset angle(°)	10		30		10		30		10		30		
Working radius(m)	10		30		10	30	10	30	10	30	10	30	
14.1	27.0/14.6	13.5/14.8											
16.0	27.0	13.5			23.2/16.5	13.5/16.7							
18.0	27.0	13.5	13.8/18.1	13.5/18.5	22.8	13.5		13.5/18.7					
20.0	27.0	13.5	13.5	13.5	22.3	13.5			11.7/20.6				
22.0	27.0	13.5	13.1	13.1	21.8	13.5	10.1/22.3	13.5		11.5		8.1/22.5	
24.0	27.0	13.5	12.6	12.6	21.4	13.5	9.8	13.5		11.3		8.0	
26.0	27.0	13.5	12.3	12.3	21.0	13.5	9.5	13.5	7.7/26.1	11.0		7.8	
28.0	26.5	13.5	12.0	12.0	20.6	13.5	9.2	13.5	7.5	10.7	6.0/29.9	7.5	
30.0	25.2	13.5	11.6	11.6	20.1	13.5	8.9	13.5	7.3	10.5	6.0	7.4	
32.0	23.9	13.5	11.3	11.3	19.1	13.5	8.6	13.5	7.0	10.2	5.9	7.2	4.9/33.7
34.0	22.3	13.5	11.1	11.1	18.2	13.5	8.5	13.5	6.8	10.0	5.7	7.0	4.9
36.0	20.3	13.5	10.8	10.8	17.4	13.5	8.2	13.5	6.6	9.8	5.5	6.9	4.6
38.0	18.7	13.5	10.6	10.6	16.7	13.5	8.0	13.5	6.5	9.6	5.4	6.6	4.5
40.0	17.1	13.5	10.3	10.3	16.0	13.5	7.8	13.3	6.3	9.3	5.2	6.6	4.4
42.0	15.7	13.5	10.1	10.1	15.3	13.5	7.6	12.8	6.1	9.1	5.0	6.4	4.3
44.0	14.5	13.5	9.9	9.9	14.8	13.5	7.5	12.3	6.0	9.0	4.9	6.2	4.1
46.0	13.3	13.5	9.7	9.7	13.8	13.5	7.3	11.9	5.8	8.8	4.8	6.0	4.0
48.0	12.3	12.3	9.6	9.6	12.8	12.8	7.1	11.5	5.7	8.6	4.6	6.0	3.9
50.0	11.3	11.3	9.4	9.4	11.8	11.8	7.0	11.1	5.5	8.4	4.5	5.8	3.8
52.0	10.5	10.5	9.3	9.3	11.0	11.0	6.9	10.7	5.5	8.1	4.5	5.6	3.7
54.0	9.7	9.7	9.1	9.1	10.1	10.1	6.8	10.3	5.4	8.0	4.4	5.5	3.6
56.0	9.0	9.0	9.0	9.0	9.4	9.4	6.6	10.0	5.3	7.8	4.3	5.4	3.5
58.0	8.3	8.3	8.6	8.6	8.8	8.8	6.5	9.3	5.1	7.6	4.1	5.2	3.4
60.0	7.7	7.7	7.9	7.9	8.1	8.1	6.5	8.7	5.0	7.5	4.1	5.0	3.4
64.0	6.6	6.6	6.8	6.8	7.0	7.0	6.4	7.5	4.9	7.1	4.0	4.8	3.2
68.0	6.3/65.6	6.0/66.3	6.2/66.2	6.0/67.0	6.0	6.0	6.2	6.5	4.8	6.8	3.8	4.6	3.0
72.0					5.3/71.3	5.1	5.5	5.6	4.7	5.9	3.7	4.4	3.0
76.0							5.3/73.1	4.9	4.6	5.1	3.6	4.2	2.9
80.0								4.5/77.7	4.5/79.2	4.4	3.5	4.0	2.8
84.0										3.9/83.5	3.5	3.9	2.7
88.0											3.5/85.3	3.4	2.7
91.4												3.2/89.2	2.7
No.of part line	2	1	2	1	2	1	1	1	1	1	1	1	1

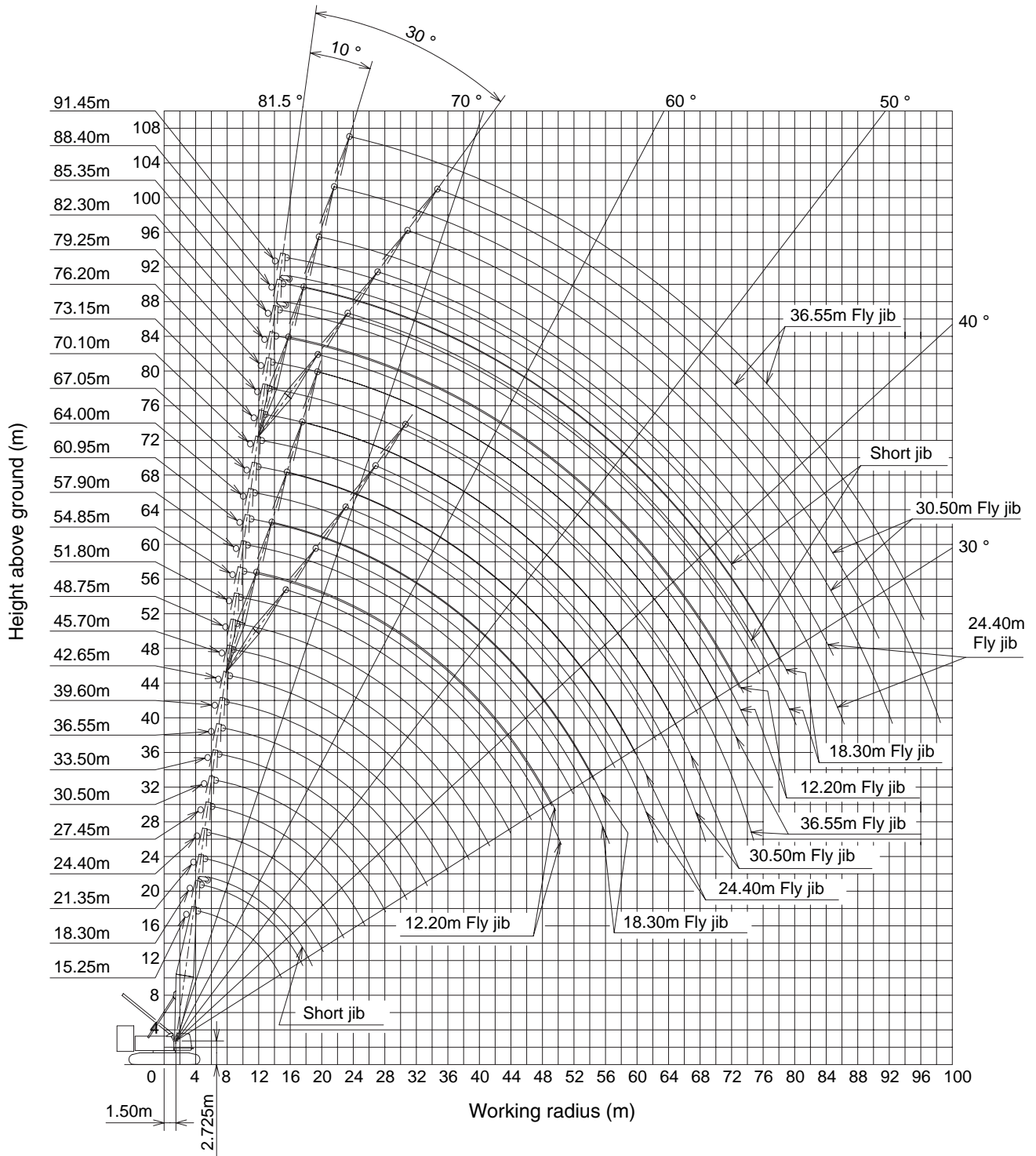
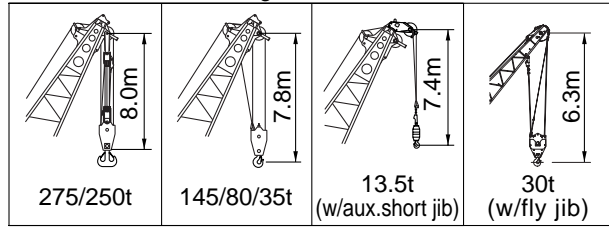
Boom length(m)	64.00											
Jib length(m)	12.20		18.30		24.40		30.50		36.55			
Jib offset angle(°)	10		30		10		30		10		30	
Working radius(m)	10		30		10		30		10		30	
15.0	27.0	13.5/15.2										
16.0	27.0	13.5										
18.0	27.0	13.5	13.8/18.5	13.5/19.0	22.9	13.5						
20.0	27.0	13.5	13.6	13.5	22.4	13.5						
22.0	27.0	13.5	13.1	13.1	22.0	13.5			11.7/21.0			
24.0	27.0	13.5	12.8	12.8	21.5	13.5			11.6			8.1/23.0
26.0	27.0	13.5	12.4	12.4	21.1	13.5			11.3			8.0
28.0	27.0	13.5	12.1	12.1	20.7	13.5			11.3			7.8
30.0	25.8	13.5	11.8	11.8	20.2	13.5			7.7/26.6			7.6
32.0	23.8	13.5	11.5	11.5	19.6	13.5			7.5			7.4
34.0	21.9	13.5	11.2	11.2	18.7	13.5			7.3			6.0/30.4
36.0	20.1	13.5	10.9	10.9	17.8	13.5			10.6			7.4
38.0	18.3	13.5	10.6	10.6	17.1	13.5			10.8			7.4
40.0	16.7	13.5	10.5	10.5	16.4	13.5			10.6			7.4
42.0	15.3	13.5	10.3	10.3	15.8	13.5			10.6			7.4
44.0	14.1	13.5	10.1	10.1	14.6	13.5			10.6			7.4
46.0	13.0	13.0	9.8	9.8	13.5	13.5			10.6			7.4
48.0	12.0	12.0	9.7	9.7	12.4	12.4			11.8			7.4
50.0	11.0	11.0	9.5	9.5	11.5	11.5			11.8			7.4
52.0	10.1	10.1	9.3	9.3	10.6	10.6			11.0			7.4
54.0	9.3	9.3	9.3	9.3	9.8	9.8			10.5			7.4
56.0	8.6	8.6	9.0	9.0	9.1	9.1			9.7			7.4
58.0	8.0	8.0	8.3	8.3	8.4	8.4			9.1			7.4
60.0	7.4	7.4	7.6	7.6	7.8	7.8			8.4			7.4
64.0	6.3	6.3	6.5	6.5	6.6	6.6			7.2			7.4
68.0	5.3	5.3	5.4	5.4	5.6	5.6			6.2			7.4
72.0	5.3/68.2	5.2/68.9	5.2/68.9	5.1/69.7	4.8	4.8			5.3			7.4
76.0					4.5/73.9	4.3/74.7			4.5			7.4
80.0									3.9			7.4
84.0									3.7/80.4			7.4
88.0									3.7/81.9			7.4
92.0												7.4
96.0												7.4
96.7												7.4
No. of part line	2	1	2	1	2	1	1	1	1	1	1	1

Boom length(m)	67.05											
Jib length(m)	12.20		18.30		24.40		30.50		36.55			
Jib offset angle(°)	10		30		10		30		10		30	
Working radius(m)	10		30		10		30		10		30	
15.0	27.0/15.5	13.5/15.7										
16.0	27.0	13.5										
18.0	27.0	13.5	13.8/19.0	13.5/19.4	23.1	13.5						
20.0	27.0	13.5	13.7	13.5	22.6	13.5						
22.0	27.0	13.5	13.3	13.3	22.1	13.5			11.6/21.5			
24.0	27.0	13.5	12.9	12.9	21.7	13.5			11.6			8.1/23.4
26.0	27.0	13.5	12.5	12.5	21.2	13.5			11.3			8.1
28.0	26.2	13.5	12.2	12.2	20.8	13.5			11.3			7.9
30.0	25.1	13.5	11.8	11.8	20.4	13.5			7.7/27.0			7.6
32.0	23.2	13.5	11.6	11.6	20.0	13.5			7.5			10.8
34.0	21.2	13.5	11.3	11.3	19.1	13.5			10.6			6.0/30.8
36.0	19.5	13.5	11.1	11.1	18.3	13.5			10.4			7.0
38.0	17.9	13.5	10.8	10.8	17.5	13.5			10.1			5.8
40.0	16.3	13.5	10.6	10.6	16.8	13.5			10.1			5.6
42.0	15.0	13.5	10.3	10.3	15.5	13.5			10.0			5.6
44.0	13.7	13.5	10.1	10.1	14.3	13.5			9.8			5.3
46.0	12.6	12.6	10.0	10.0	13.1	13.1			9.3			5.1
48.0	11.6	11.6	9.8	9.8	12.1	12.1			9.1			5.0
50.0	10.6	10.6	9.6	9.6	11.1	11.1			9.1			5.0
52.0	9.8	9.8	9.5	9.5	10.2	10.2			8.6			4.8
54.0	9.0	9.0	9.3	9.3	9.4	9.4			8.6			4.8
56.0	8.3	8.3	8.6	8.6	8.6	8.6			8.6			4.8
58.0	7.5	7.5	7.9	7.9	8.0	8.0			8.6			4.8
60.0	7.0	7.0	7.2	7.2	7.4	7.4			8.6			4.8
64.0	5.9	5.9	6.0	6.0	6.2	6.2			8.0			5.2
68.0	4.9	4.9	5.0	5.0	5.3	5.3			6.9			7.1
72.0	4.3/70.9	4.2/71.6	4.3/71.5	4.1/72.3	4.4	4.4			5.9			4.9
76.0					3.7	3.7			4.9			4.8
80.0					3.5/76.6	3.5/77.3			4.0			4.5
84.0									3.5			3.7
88.0									3.0/83.0			3.0
92.0									2.9/84.5			2.5
96.0												2.4/88.8
96.7												2.3/90.6
No. of part line	2	1	2	1	2	1	1	1	1	1	1	1

Boom length(m)	70.10											
Jib length(m)	12.20		18.30		24.40		30.50		36.55			
Jib offset angle(°)	10		30		10		30		10		30	
Working radius(m)	10		30		10		30		10		30	
15.9	27.0											
16.0	27.0	13.5/16.1										
18.0	27.0	13.5	13.8/19.4	13.5/19.9	22.9	13.5/18.1						
20.0	27.0	13.5	13.8	13.5	22.6	13.5						
22.0	27.0	13.5	13.3	13.3	22.1	13.5			11.6/21.9			
24.0	26.1	13.5	13.0	13.0	21.7	13.5			11.6			8.1/23.9
26.0	24.8	13.5	12.6	12.6	21.2	13.5			11.3			8.0
28.0	23.7	13.5	12.3	12.3	20.9	13.5			11.3			7.9
30.0	22.6	13.5	12.0	12.0	20.5	13.5			7.6/27.5			7.6
32.0	21.6	13.5	11.7	11.7	20.2	13.5			7.4			10.9
34.0	20.6	13.5	11.4	11.4	19.6	13.5			7.6			10.9
36.0	19.2	13.5	11.1	11.1	18.7	13.5			10.6			6.0/31.3
38.0	17.7	13.5	11.0	11.0	17.8	13.5			10.8			7.4
40.0	16.3	13.5	10.7	10.7	16.6	13.5			10.6			7.4
42.0	14.9	13.5	10.5	10.5	15.3	13.5			10.6			7.4
44.0	13.8	13.5	10.3	10.3	14.1	13.5			10.6			7.4
46.0	12.5	12.5	10.1	10.1	13.0	13.0			10.6			7.4
48.0	11.5	11.5	9.9	9.9	12.0	12.0			11.8			7.4
50.0	10.6	10.6	9.8	9.8	11.0	11.0			11.8			7.4
52.0	9.6	9.6	9.6	9.6	10.1	10.1			10.8			7.4
54.0	8.8	8.8	9.3	9.3	9.3	9.3			10.5			7.4
56.0	8.1	8.1	8.5	8.5	8.6	8.6			10.2			7.4
58.0	7.5	7.5	7.8	7.8	7.9	7.9			10.2			7.4
60.0	6.9	6.9	7.1	7.1	7.3	7.3			10.0			7.4
64.0	5.7	5.7	6.0	6.0	6.1	6.1			9.8			7.4
68.0	4.8	4.8	5.0	5.0	5.1	5.1			9.6			7.4
72.0	3.9	3.9	4.0	4.0	4.3	4.3			9.5			7.4
76.0					3.5	3.5			9.3			7.4
80.0	3.7/73.5	3.5/74.2	3.6/74.1	3.4/74.9	3.0/79.2	2.8/79.9			9.3			7.4
84.0									9.3			7.4
88.0									3.0/81.0			7.4
92.0									2.7			2.9
96.0									2.5/85.7			2.4/87.1
96.7												1.9/91.4
No. of part line	2	1	2	1	2	1	1	1	1	1	1	1

Liftcrane Working Ranges

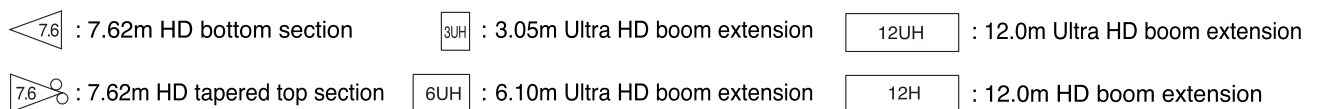
Hook lift allowance height:



Boom Combination Diagram

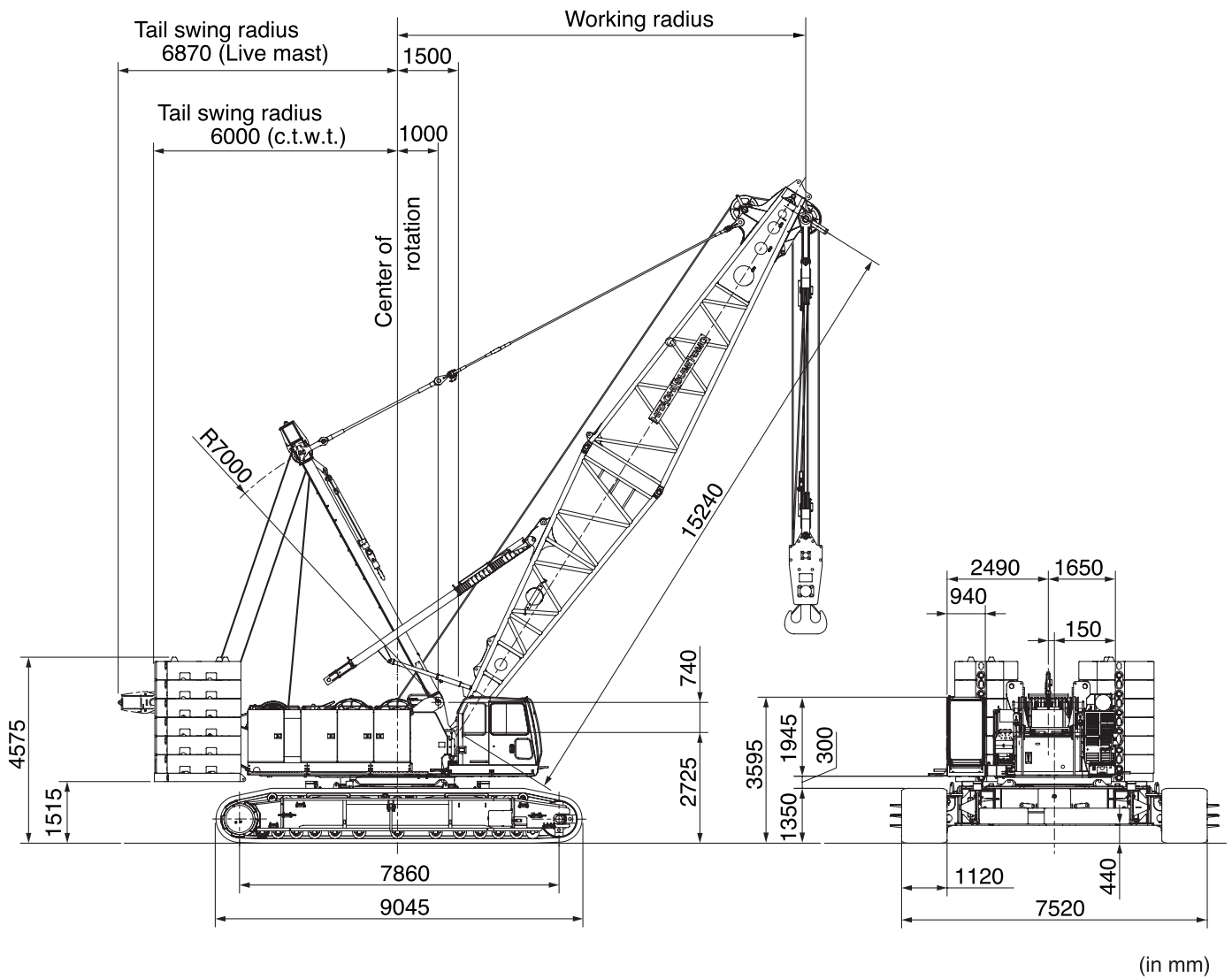
Boom length (m)	Boom combination	Boom length (m)	Boom combination
15.25	★	51.80	
18.30	★	54.85	★
21.35		57.90	
24.40	★	60.95	★
27.45	 	64.00	
30.50	★ 	67.05	★
33.50		70.10	
36.55	★	73.15	★
39.60	★ 	76.20	
42.65	★ 	79.25	★
45.70		82.30	
48.75	★	85.35	★
		88.40	
		91.45	★

Note: 1. The meanings of figures and symbols shown above are as follows:



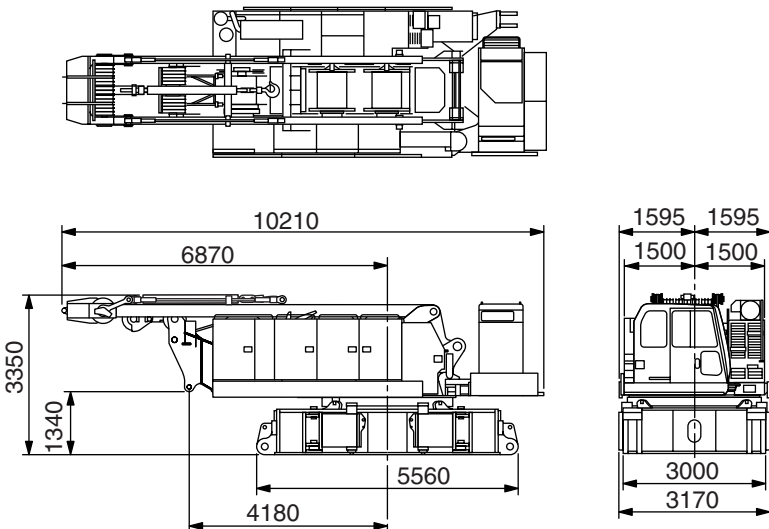
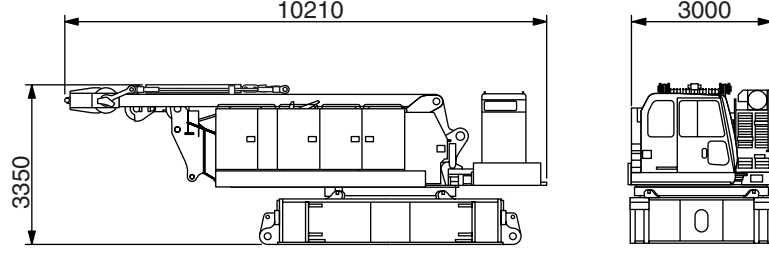
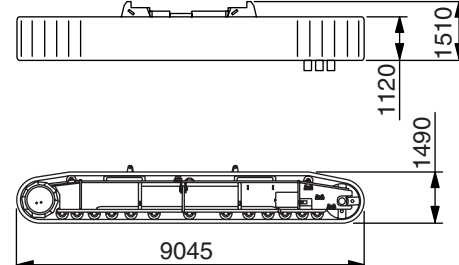
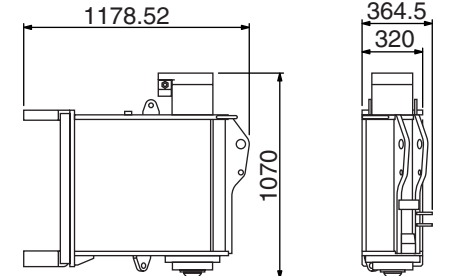
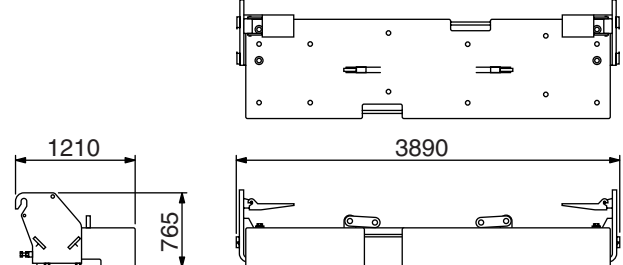
2. A star mark (★) indicates manufacturer's recommended boom configuration in a consideration that it is able to set boom length in the pitch of 3.05 meters from its maximum length; other boom configuration with no star mark (★) is not able to do such an arrangement of boom length.

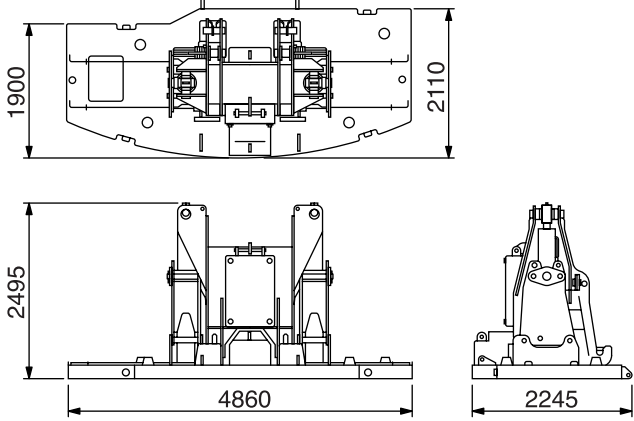
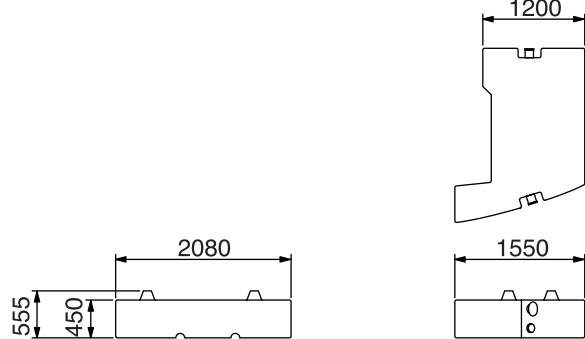
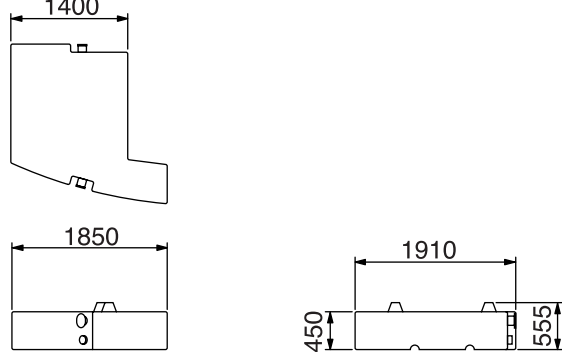
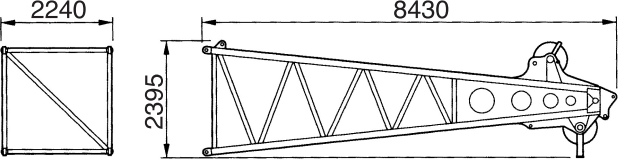
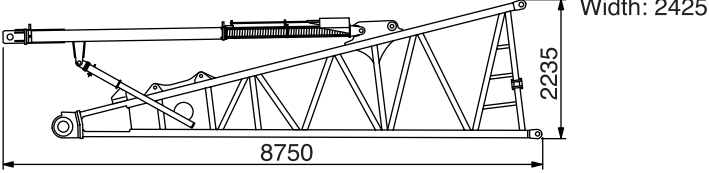
General Dimensions

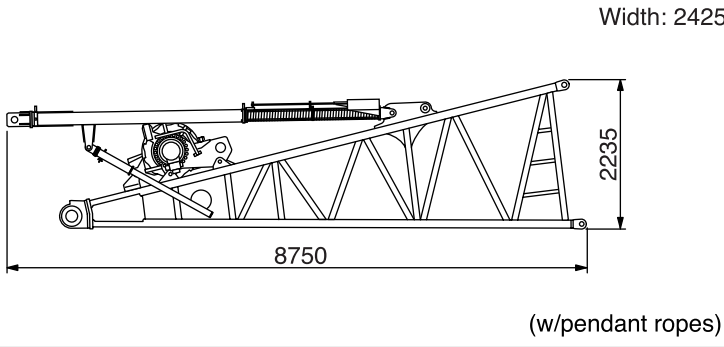
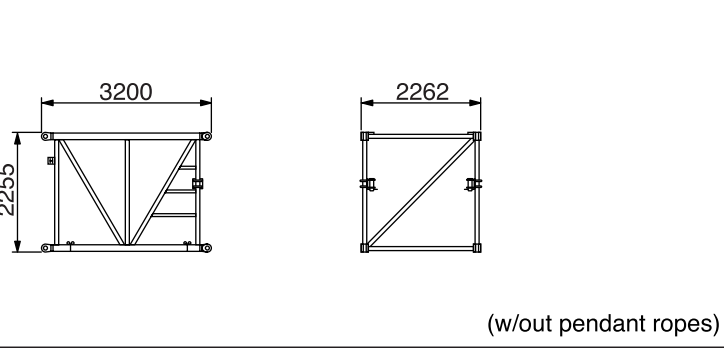
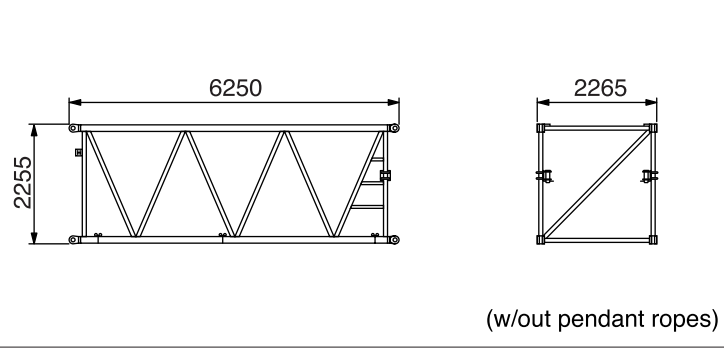
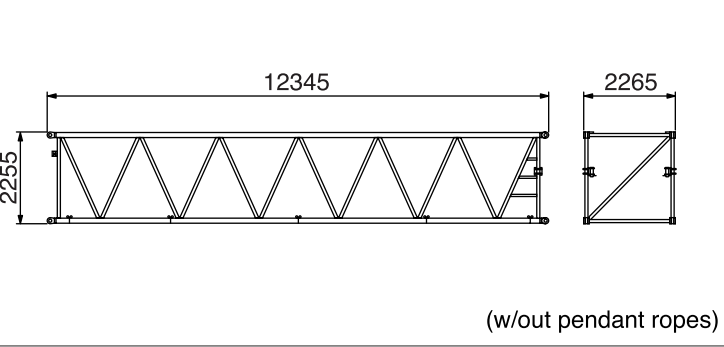
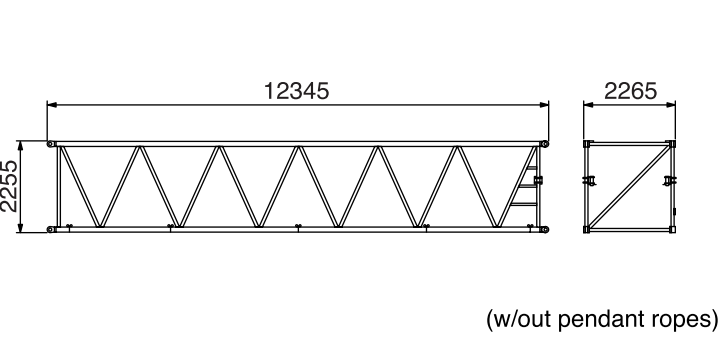


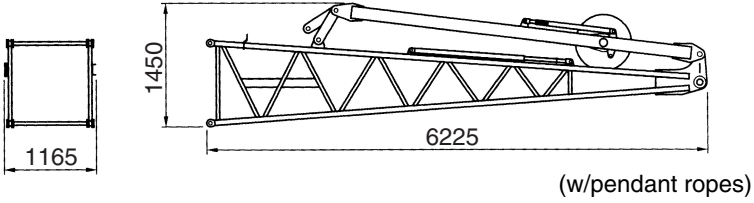
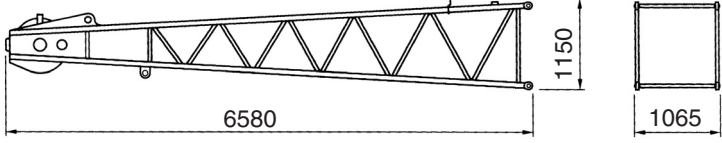
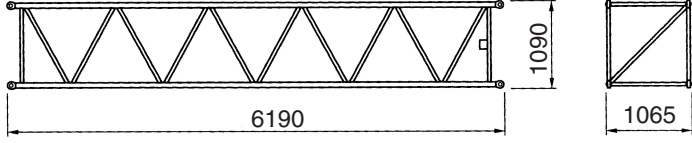
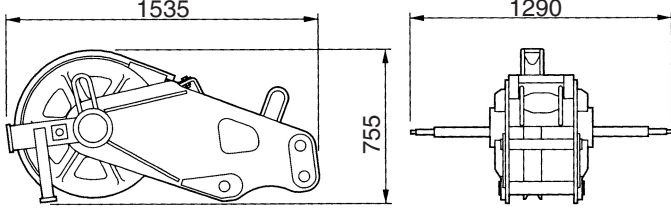
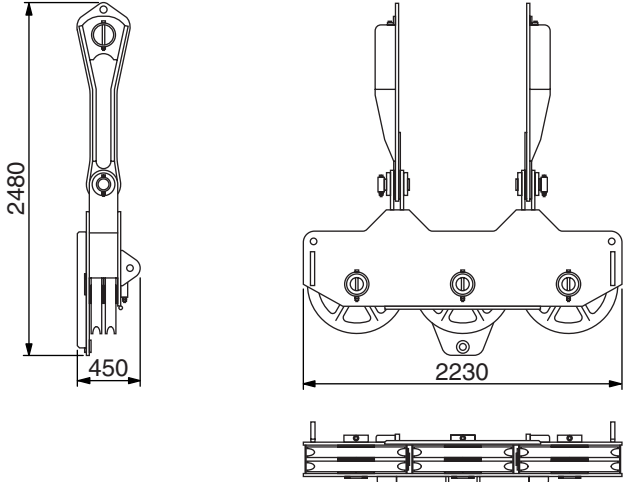
Note: The above general arrangement is under liftcrane application with 15.25m basic boom, and optional 275t hook block.

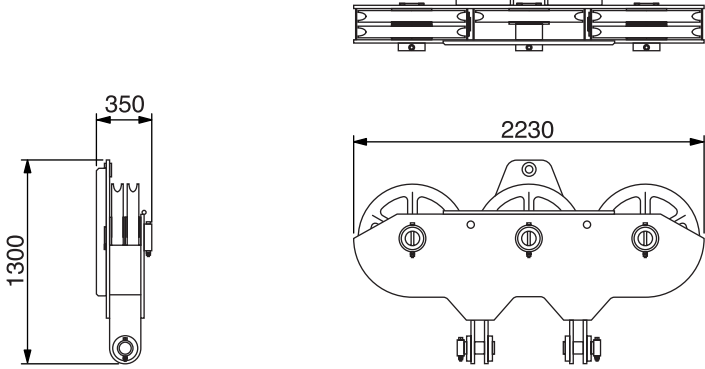
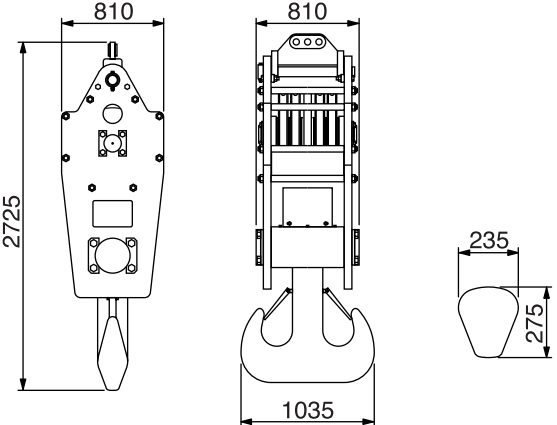
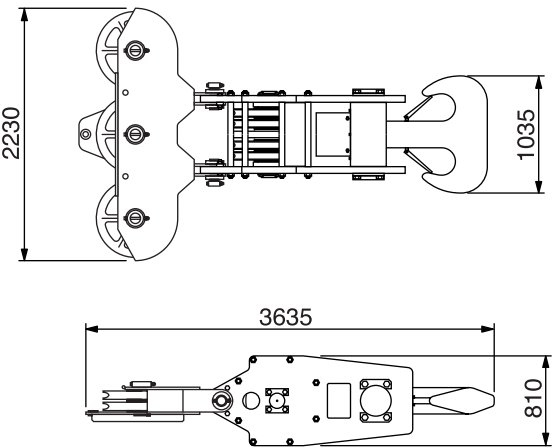
Transport Data

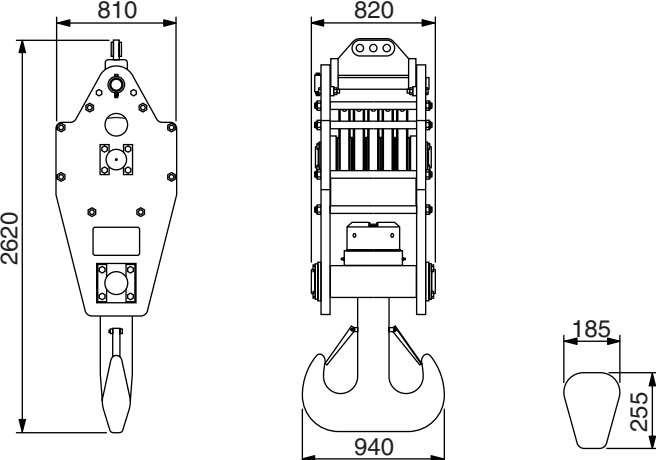
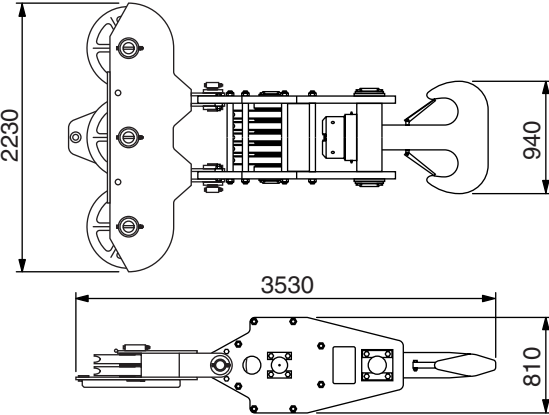
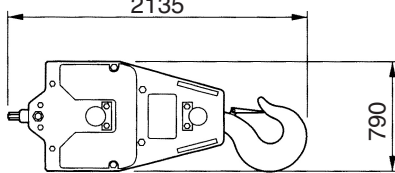
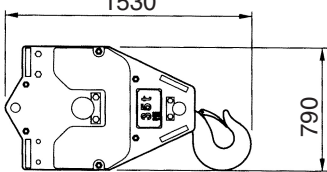
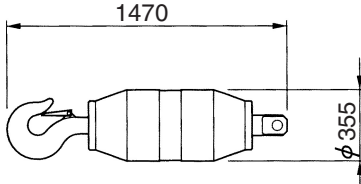
Description	Q'ty	Dimensions(mm)	Mass(kg)
<p>Superstructure with:</p> <ol style="list-style-type: none"> 1. Carbody frame; 2. Boom live mast w/bridle; 3. Front drum cable; 4. B/H drum cable, and 5. Carbody jack-up device. 	1		44,900
<p>Superstructure with:</p> <ol style="list-style-type: none"> 1. Carbody frame; 2. Boom live mast w/bridle; 3. Front drum cable, and 4. B/H drum cable. 	1		42,500
Crawler Side Frame	2		@22,200
Carbody Jack-up Cylinder (w/beam)	4		@600
Carbody Weight	2		@9,000

Description	Q'ty	Dimensions(mm)	Mass(kg)
Base Counterweight	1	 <p>(w/counterweight removal device)</p>	22,400
Counterweight "R"	6		@6,900
Counterweight "L"	6		@6,500
7.60m HD Boom Top Section	1	 <p>(w/pendant ropes)</p>	3,300
7.60m HD Boom Bottom Section (w/backstops)	1	 <p>(w/pendant ropes)</p>	4,400

Description	Q'ty	Dimensions(mm)	Mass(kg)
7.60m HD Boom Bottom Section (w/luffing jib hoist drum) (w/backstops)	1		6,900
3.05m Ultra HD Boom Extension	1		800
6.10m Ultra HD Boom Extension	1		1,400
12.20m Ultra HD Boom Extension	1		2,500
12.20m HD Boom Extension	1		2,300

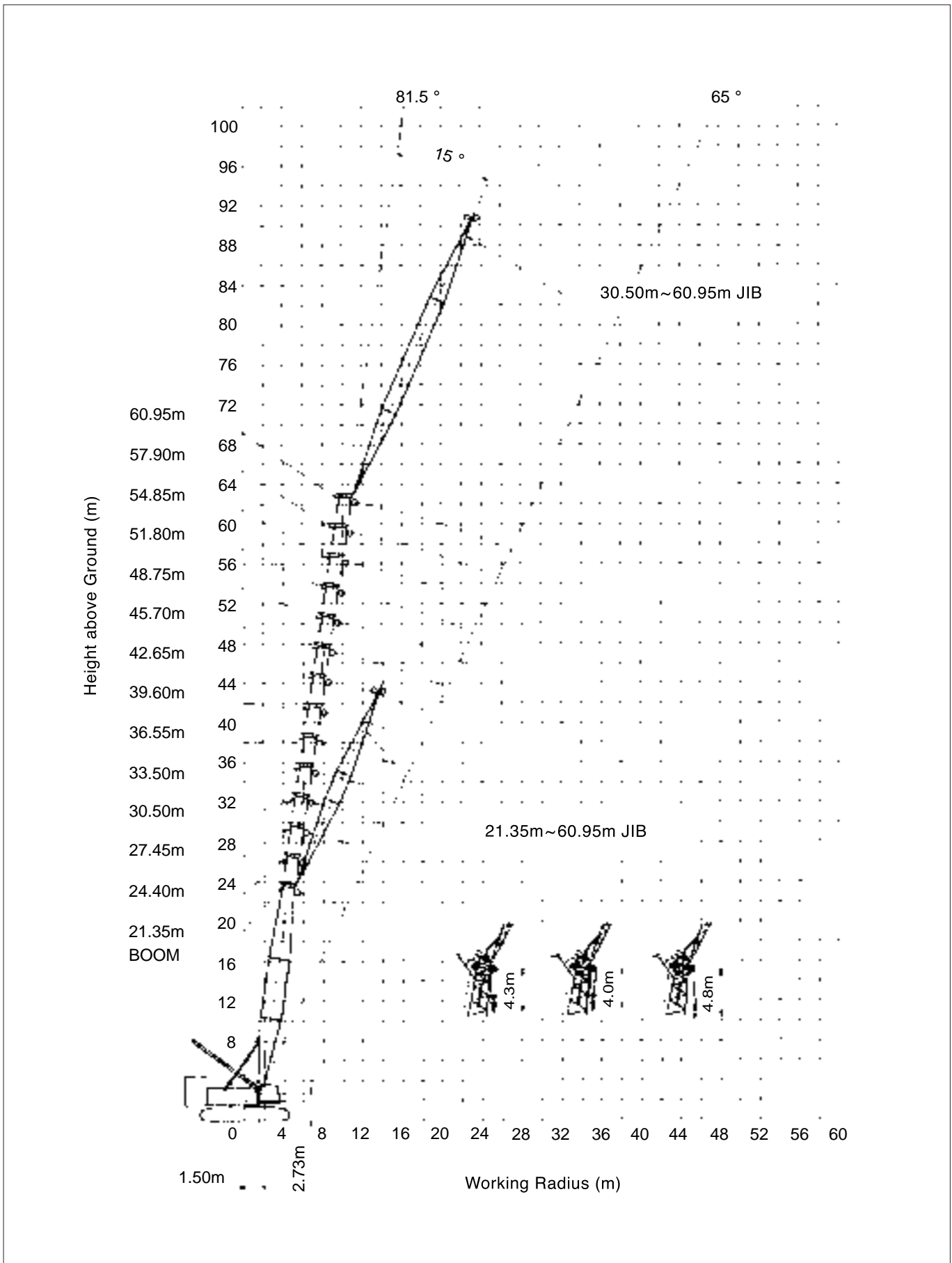
Description	Q'ty	Dimensions(mm)	Mass(kg)
6.10m Fly Jib Bottom Section (w/strut)	1		1,250
6.10m Fly Jib Top Section	1		650
6.10m Fly Jib Extension	1		400
Aux. Short Jib	1		300
Upper 6-hanger Sheave Block	1	 <p data-bbox="581 2084 1333 2142">Note: This is pinned to boom head shaft, and available to lift the load exceeding 145t, and up to 275t.</p>	1,300

Description	Q'ty	Dimensions(mm)	Mass(kg)
Lower 5 -hanger Sheave Block	1	 <p data-bbox="570 920 1338 973">Note: This is pinned to 145t hook block each of 275t/250t lift use, and available to lift the load exceeding 145t, and up to 275t/250t.</p>	1,000
145t Hook Block	1	 <p data-bbox="581 1529 1326 1558">Note: This is available for 275t lift with a lower 5-hanger sheave block.</p>	3,300
275t Hook Block (w/5-hanger sheave block)	1		4,300

Description	Q'ty	Dimensions(mm)	Mass(kg)
145t Hook Block	1	 <p data-bbox="581 897 1321 920">Note: This is available for 250t lift with a lower 5-hanger sheave block.</p>	2,700
250t Hook Block (w/5-hanger sheave block)	1		3,700
80t Hook Block	1	 <p data-bbox="1214 1572 1328 1595">Width: 520</p>	1,400
35t Hook Block	1	 <p data-bbox="1214 1790 1328 1813">Width: 395</p>	900
13.5t Ball Hook Block	1		600

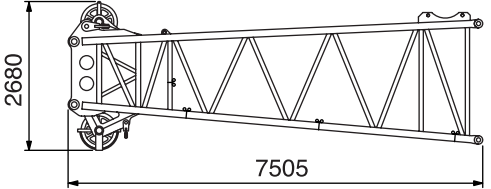
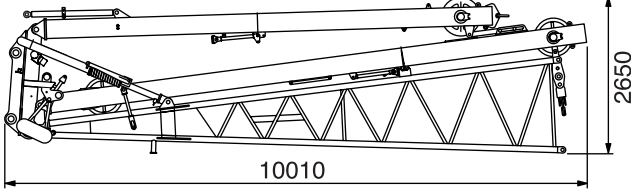
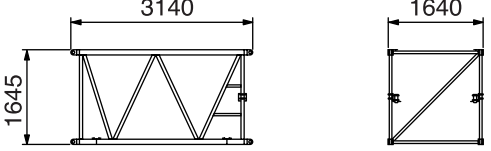
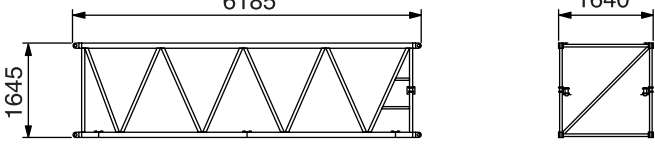
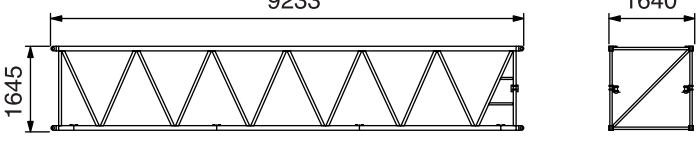
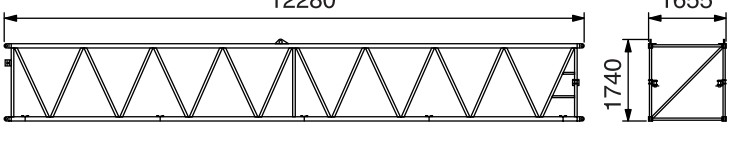
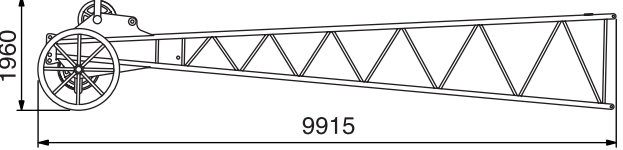
Note: All of dimensional figures are of with no export packing; in the case that an export packing is done on each cargo, the dimension in height or height/width or height/width/length increases appropriately, and then cubic measurement and mass each comes up accordingly.

Tower Boom Top Crane Working Ranges



Transport Data

Followings are essential parts for luffing jib attachment.

Description	Q'ty	Dimensions(mm)	Mass(kg)
7.30m HD Tower Top section	1	 <p>Width : 2240 (w/out pendant ropes)</p>	3,300
9.15m Luffing Jib Bottom Section (w/front & rear posts) (w/0.32m tower head sect.)	1	 <p>Width : 2070 (w/out pendant ropes)</p>	6,000
3.05m Luffing Jib Extension	1	 <p>(w/out pendant ropes)</p>	300
6.10m Luffing Jib Extension	1	 <p>(w/out pendant ropes)</p>	500
9.15m Luffing Jib Extension	1	 <p>(w/out pendant ropes)</p>	700
12.20m HD Luffing Jib Extension	1	 <p>(w/out pendant ropes)</p>	1,100
9.15m Luffing Jib Top section	1	 <p>Width : 1645 (w/out pendant ropes)</p>	1,700