

[illegible]

LUFFING JIB SUPPLEMENTAL DATA

1. Ratings according to ASME code B30.5, EN13000.
2. Operating radius is the horizontal distance from centerline of rotation to a vertical line through the center of gravity of the load.
3. Deduct weight of hook block(s), slings and all other load handling accessories from luffing jib ratings shown.
4. Ratings shown are based on freely suspended loads and make no allowance for such factors as wind effect on lifted load, ground conditions, out-of-level operating speeds or any other condition that could be detrimental to the safe operation of this equipment. The operator, therefore, has the responsibility to judge the existing conditions and reduce lifted load and operating speeds accordingly.
5. Ratings are for operation on a firm and level surface, up to 1 % gradient.
6. At radii and boom lengths where no ratings are shown on chart, operation is not intended nor approved.
7. Boom and jib inserts and guy lines must be arranged as shown in the "OPERATOR'S MANUAL".
8. Boom hoist reeving is 28 part line.
9. Boom and jib backstops are required for all boom lengths.
10. The boom should be erected over the front of crawlers, not laterally.

11. Ratings inside of boxes ☐ are limited by strength of materials.

12. (Luffing Jib Rating Loads)

The total load that can be lifted is the value for weight of hook block, slings, and all other loads handling accessories deducted from luffing jib ratings shown.

13. (Luffing Jib Lifting with Auxiliary Hook)

The total load that can be lifted is the value for 0.9 ton (Auxiliary hook) the weight of hook block, slings, and all other loads handling accessories deducted from luffing jib ratings shown.

14. (Auxiliary Hook Lifting)

The total load that can be lifted over an auxiliary hook is the value for 0.9 ton (auxiliary hook), weight of main hook block, slings, and all other loads handling accessories deducted from luffing jib ratings shown, but it should not exceed 14.0 ton.

Boom and jib combinations for auxiliary sheave mounting are all boom and jib combinations.

Auxiliary sheave ratings at any radius from center of rotation are the same as luffing ratings shown in table for jib when operated at the same radius.

But maximum angle is the same jib maximum angle.

15. Luffing boom and jib combinations.

		Jib Length (m)							
		24 m	30 m	36 m	42 m	48 m	54 m	60 m	66 m
Boom Length (m)	30 m	○	○	○	○	○	○	○	○
	36 m	○	○	○	○	○	○	○	○
	42 m	○	○	○	○	○	○	○	○
	48 m	○	○	○	○	○	○	○	○
	54 m	×	○	○	○	○	○	○	○
	60 m	×	○	○	○	○	○	○	○
	66 m	×	○	○	○	○	○	○	○

× : All luffing jib combinations which is none.

○ : All luffing jib combinations which is allowed.

16. Maximum hoist load for number of reeving parts of line for hoist rope.

For Jib Hook (Single Drum)

No. of Parts of Line	1	2	3	4	5
Maximum Loads (kN)	137	275	412	549	686
Maximum Loads (t)	14.0	28.0	42.0	56.0	70.0

No. of Parts of Line	6
Maximum Loads (kN)	784
Maximum Loads (t)	80.0

For Auxiliary Sheave

No. of Parts of Line	1
Maximum Loads (kN)	137
Maximum Loads (t)	14.0

Weight of hook block				
Hook block	120 ton	70 ton	40 ton	14.0 ton Ball Hook
Weight (t)	3.50	3.10	2.00	0.90

17. Maximum numbers of reeving parts of line for hoist rope luffing boom and jib combinations.

STD Luffing Jib

		Jib Length (m)							
		24	30	36	42	48	54	60	66
Boom Length (m)	30	6	6	5	5	4	3	2	2
	36	6	5	5	4	4	3	2	2
	42	6	6	5	4	4	3	2	2
	48	6	5	5	4	4	3	2	2
	54	×	6	5	4	4	3	2	2
	60	×	5	4	4	4	3	2	2
	66	×	4	4	3	3	3	2	2

×: Combinations which is none allowed.

18. Luffing erection jib offset angle

STD Luffing Erection Jib Offset Angle

(Unit: degrees)

Boom Length (m)	Jib Length (m)							
	24 m	30 m	36 m	42 m	48 m	54 m	60 m	66 m
30 m	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110
36 m	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110
42 m	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110	60 ~ 110	60 ~ 110
48 m	40 ~ 110	40 ~ 110	40 ~ 110	40 ~ 110	60 ~ 110	70 ~ 110	80 ~ 110	80 ~ 110
54 m	×	60 ~ 110	70 ~ 110	80 ~ 110	90 ~ 110	90 ~ 110	90 ~ 110	90 ~ 110
60 m	×	※50 ~ 110	※70 ~ 110	※80 ~ 110	※80 ~ 110	※90 ~ 110	※90 ~ 110	※90 ~ 110
66 m	×	※80 ~ 110	※110	※110	※110	※110	※110	※110

×: All Luffing jib combinations which is none.

※: Need the blocks for erection when erecting and lowering.

LIFTING CAPACITIES



Luffing Boom Lifting Capacities

Unit: ton

Counterweight: 120 ton, Carbody weight: 31 ton

Working Radius (m)	24.0*	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	Working Radius (m)
5.0	5.5 m/300.0	5.5 m/180.0										5.0
6.0	300.0	180.0	6.1 m/180.0	6.7 m/180.0								6.0
7.0	300.0	180.0	180.0	180.0	7.3 m/180.0							7.0
8.0	267.6	180.0	180.0	180.0	180.0	173.6	8.6 m/149.0					8.0
9.0	230.4	180.0	180.0	180.0	180.0	169.1	147.1	9.2 m/128.2	9.8 m/110.6			9.0
10.0	196.4	180.0	180.0	180.0	180.0	164.0	143.1	125.3	110.0	10.5 m/96.3	11.1 m/84.2	10.0
12.0	145.6	157.7	157.5	157.0	149.9	144.2	135.6	119.4	105.0	92.9	82.5	12.0
14.0	114.7	124.9	124.9	124.7	124.3	121.1	115.4	110.8	100.3	88.9	78.9	14.0
16.0	94.0	102.8	102.8	102.5	102.0	102.4	99.2	95.4	91.7	84.7	75.0	16.0
18.0	78.9	86.9	86.8	86.5	86.0	86.4	85.3	83.3	80.2	77.3	70.9	18.0
20.0	67.7	74.9	74.8	74.4	73.9	74.2	73.2	72.7	70.9	68.4	66.1	20.0
22.0	59.1	65.5	65.5	65.1	64.5	64.8	63.7	63.2	62.9	61.0	59.0	22.0
24.0	23.1 m/55.1	23.0 m/61.5	57.9	57.5	56.9	57.2	56.1	55.6	55.3	54.8	53.0	24.0
26.0			51.8	51.4	50.8	51.0	49.9	49.4	49.0	48.6	47.8	26.0
28.0			46.7	46.2	45.6	45.8	44.7	44.2	43.8	43.4	42.9	28.0
30.0			28.2 m/46.2	41.9	41.2	41.4	40.3	39.8	39.4	38.9	38.5	30.0
32.0				38.2	37.5	37.7	36.6	36.0	35.6	35.1	34.6	32.0
34.0				33.4 m/35.9	34.3	34.4	33.3	32.7	32.3	31.8	31.3	34.0
36.0					31.5	31.6	30.5	29.8	29.4	29.0	28.4	36.0
38.0					29.1	29.1	28.0	27.3	26.8	26.4	25.9	38.0
40.0					38.6 m/28.3	26.9	25.7	25.1	24.6	24.1	23.6	40.0
44.0						43.8 m/23.4	22.0	21.3	20.8	20.3	19.8	44.0
48.0							19.0	18.2	17.7	17.2	16.6	48.0
52.0							49.0 m/18.3	15.7	15.0	14.4	13.7	52.0
56.0								54.2 m/14.5	12.7	12.0	11.3	56.0
60.0									59.4 m/11.0	10.0	9.2	60.0
64.0										8.2	7.3	64.0
68.0										64.6 m/7.9	5.7	68.0
72.0											69.8 m/5.0	72.0
Reeves	28	14	14	14	14	13	11	10	8	7	7	Reeves

Note: Designed and rated to ASME code B30.5, EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Ratings enclosed in gray-color box in the table require double-drum specifications.

* with Standard Boom Configuration
(width 3.0 m Boom)

Long Boom Lifting Capacities

Unit: ton

Counterweight: 120 ton, Carbody weight: 31 ton

Working Radius (m)	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0	96.0	Working Radius (m)
7.0	7.2 m/90.0	7.9 m/90.0								7.0
8.0	90.0	90.0	8.5 m/90.0							8.0
9.0	90.0	90.0	90.0	9.1 m/90.0	9.8 m/90.0					9.0
10.0	90.0	90.0	90.0	90.0	90.0	10.4 m/90.0	11.0 m/75.7	11.7 m/63.7		10.0
12.0	90.0	90.0	90.0	84.7	90.0	88.0	74.5	63.3	12.2 m/53.3	12.0
14.0	90.0	89.9	82.9	75.3	90.0	85.5	72.4	61.6	51.9	14.0
16.0	88.1	81.1	74.5	67.4	85.4	80.8	70.6	60.0	50.4	16.0
18.0	80.3	73.6	67.4	60.7	79.3	76.1	67.6	58.6	49.1	18.0
20.0	73.5	67.2	61.4	55.1	73.2	71.2	63.8	56.5	47.9	20.0
22.0	67.8	61.6	56.0	50.0	65.8	64.1	60.2	51.4	45.4	22.0
24.0	61.4	56.6	51.4	45.7	59.0	58.1	55.6	47.1	41.5	24.0
26.0	55.2	52.3	47.3	42.0	52.7	52.5	51.4	43.4	38.3	26.0
28.0	50.0	48.1	43.5	38.6	47.5	47.2	47.2	40.3	35.5	28.0
30.0	45.6	44.1	40.4	35.4	43.0	42.8	42.7	37.6	33.1	30.0
32.0	41.8	40.5	37.3	32.7	39.2	39.0	38.9	35.3	31.0	32.0
34.0	38.6	37.4	34.4	30.3	35.9	35.7	35.6	33.2	29.2	34.0
36.0	35.7	34.6	31.8	28.1	33.0	32.8	32.7	31.3	27.5	36.0
38.0	33.2	32.0	29.4	25.9	30.5	30.2	30.1	29.7	26.0	38.0
40.0	31.0	29.7	27.3	24.1	28.2	27.9	27.8	27.9	24.7	40.0
44.0	43.5 m/27.6	25.7	23.5	20.8	24.3	24.1	24.0	24.0	22.5	44.0
48.0		22.3	20.3	17.8	21.2	20.9	20.8	20.8	19.9	48.0
52.0		48.7 m/21.7	17.6	15.3	18.6	18.3	18.2	18.2	16.6	52.0
56.0			53.9 m/16.4	13.1	16.4	16.1	16.0	15.4	13.4	56.0
60.0				59.1 m/11.6	14.6	14.2	14.1	12.7	10.7	60.0
64.0					13.0	12.6	12.4	10.2	8.3	64.0
68.0					64.3 m/12.9	11.2	10.6	8.0	6.0	68.0
72.0						69.5 m/10.7	8.5	5.9	3.9	72.0
76.0							74.7 m/7.2	4.1		76.0
Reeves	7	7	7	7	7	7	6	5	4	Reeves

Note: Designed and rated to ASME code B30.5, EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 120 ton, Carbody weight: 31 ton

30.0 m Boom Length	30.0																Boom length (m)
	Jib length (m)	24.0			30.0			36.0			54.0			66.0			Jib length (m)
	Boom angle	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																
Working Radius (m)	16.0	80.0			73.0												16.0
	18.0	72.5			68.4			63.7									18.0
	20.0	64.0			63.3			59.9									20.0
	22.0	57.2			56.1			55.5									22.0
	24.0	51.8	62.2		50.3			49.5			34.2						24.0
	26.0	46.1	56.0		45.6	55.6		44.5			33.3						26.0
	28.0	37.6	50.9		41.7	50.5		40.4			32.4			19.8			28.0
	30.0		46.5	32.0 m/39.8	37.4	46.1		36.9	45.7		31.6			19.2			30.0
	34.0		38.2	36.8	27.4	39.3	36.0 m/33.6	30.8	38.9		27.0			17.9			34.0
	38.0			31.8		32.9	31.4	24.5	33.1	40.0 m/28.9	22.3	32.5		16.9			38.0
	42.0					40.0 m/28.3	27.5	40.0 m/20.9	27.5	27.1	18.6	27.2		15.5	44.0 m/18.1		42.0
	46.0						44.0 m/25.9		21.8	24.0	15.7	22.9		12.7	17.0		46.0
	50.0									21.5	13.3	19.5	52.0 m/19.1	10.1	15.2		50.0
	54.0										11.4	16.8	18.1	8.1	13.6		54.0
	58.0										9.9	14.3	16.4	6.3	12.3	14.1	58.0
	62.0											11.6	14.8	4.9	10.3	12.7	62.0
	66.0												13.3	64.0 m/4.3	7.8	11.5	66.0
	70.0												68.0 m/12.5		5.8	10.4	70.0
	74.0														4.1	9.5	74.0
	78.0															6.6	78.0
	82.0															80.0 m/5.3	82.0
	Reeves	6			6			5			3			2			Reeves

36.0 m Boom Length	36.0																Boom length (m)
	Jib length (m)	24.0			30.0			36.0			54.0			66.0			Jib length (m)
	Boom angle	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																
Working Radius (m)	16.0	80.0															16.0
	18.0	75.2			68.9												18.0
	20.0	69.3			64.8			60.7									20.0
	22.0	61.6			60.7			57.3									22.0
	24.0	54.5			54.2			53.4			34.3						24.0
	26.0	47.5	54.8		48.3			47.8			33.4						26.0
	28.0	39.6	49.8		42.7	49.3		42.9			32.5			19.9			28.0
	30.0		45.5		38.1	45.0		38.3	32.0 m/41.0		31.7			19.2			30.0
	34.0		38.7	36.0 m/32.6	28.7	38.3		31.3	37.9		29.1			18.0			34.0
	38.0		36.0 m/35.7	30.4		33.1	29.9	25.3	32.8		24.0	40.0 m/29.5		16.9			38.0
	42.0			26.6		40.0 m/31.0	26.2	40.0 m/21.7	28.8	25.7	20.0	27.6		15.7			42.0
	46.0						23.2		24.5	22.9	16.8	24.3		13.7	17.7		46.0
	50.0									20.4	14.1	20.6		11.0	15.8		50.0
	54.0										12.0	17.6	17.0	8.7	14.1		54.0
	58.0										10.3	15.2	15.3	6.8	12.7	60.0 m/14.0	58.0
	62.0											12.7	13.9	5.2	11.5	13.3	62.0
	66.0											64.0 m/11.3	12.6	64.0 m/4.5	8.8	12.0	66.0
	70.0												11.5		6.4	10.8	70.0
	74.0														4.5	9.8	74.0
	78.0														76.0 m/3.6	8.1	78.0
	82.0															5.1	82.0
	Reeves	6			5			5			3			2			Reeves

Note: Designed and rated to ASME code B30.5, EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

LIFTING CAPACITIES



Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 120 ton, Carbody weight: 31 ton

42.0 m Boom Length	Boom length (m)		42.0														Boom length (m)	
	Jib length (m)		24.0			30.0			36.0			54.0			66.0			Jib length (m)
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																	
	16.0	80.0																16.0
	18.0	76.2				70.3												18.0
	20.0	72.0				66.1			61.4									20.0
	22.0	65.2				62.4			58.0									22.0
	24.0	56.0				56.8			54.9									24.0
	26.0	48.7				49.5			49.7			33.5						26.0
	28.0	41.4	48.5			43.7			43.9			32.6			20.0			28.0
	30.0	32.7	44.3			38.9	43.8		39.1	32.0 m/39.8		31.8			19.3			30.0
	34.0		37.7			29.8	37.2		31.8	36.8		30.3			18.1			34.0
	38.0			36.0 m/35.0	28.9	36.0 m/24.2	32.2		26.1	31.8		25.3			17.0			38.0
	42.0				25.3		28.3	24.7	40.0 m/22.5	27.9	44.0 m/22.7	21.0	26.7		15.8			42.0
	46.0				44.0 m/23.8			21.9		24.7	21.4	17.6	23.5		14.1	18.5		46.0
	50.0							19.6		48.0 m/23.4	19.1	14.8	21.0		11.6	16.4		50.0
	54.0										17.2	12.5	18.5	56.0 m/15.0	9.1	14.7		54.0
	58.0										56.0 m/16.4	10.6	16.0	14.2	7.1	13.2		58.0
	62.0												13.8	12.8	5.4	11.9	64.0 m/11.5	62.0
	66.0												10.7	11.5	64.0 m/4.6	9.8	10.9	66.0
	70.0													10.6		7.1	9.7	70.0
	74.0														72.0 m/10.1	4.9	8.8	74.0
	78.0															3.0	7.9	78.0
	82.0																6.3	82.0
	86.0																84.0 m/4.8	86.0
	Reeves		6			6			5			3			2			Reeves

48.0 m Boom Length	Boom length (m)		48.0														Boom length (m)	
	Jib length (m)		24.0			30.0			36.0			54.0			66.0			Jib length (m)
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																	
	16.0	80.0																16.0
	18.0	77.2				68.0												18.0
	20.0	72.8				66.9			60.9									20.0
	22.0	67.5				63.1			58.6									22.0
	24.0	57.6				58.4			55.5									24.0
	26.0	49.9				50.8			51.0			33.7						26.0
	28.0	43.2	47.1			44.7			44.8			32.8						28.0
	30.0	34.7	43.0			39.7	32.0 m/39.0		39.9			31.9			19.4			30.0
	34.0		36.6			30.9	36.1		32.3	35.6		30.4			18.2			34.0
	38.0		31.6	40.0 m/25.3	36.0 m/25.5	31.2			26.7	30.7		26.3			17.1			38.0
	42.0			23.7		27.3	44.0 m/21.7	19.4	26.9			21.8	25.7		16.0			42.0
	46.0			21.0		44.0 m/25.7	20.4		23.8	48.0 m/18.8	18.2	22.6			14.2	48.0 m/18.1		46.0
	50.0						18.2		21.3	17.7	15.3	20.1			12.1	17.1		50.0
	54.0						52.0 m/17.3			15.9	12.8	18.0			9.5	15.2		54.0
	58.0									14.4	10.8	16.2	12.8		7.3	13.7		58.0
	62.0											14.5	11.4		5.5	12.3		62.0
	66.0											11.5	10.2		4.0	10.8	9.6	66.0
	70.0											68.0 m/10.0	9.2			7.8	8.5	70.0
	74.0												8.3			5.3	7.6	74.0
	78.0													76.0 m/7.9		3.2	6.7	78.0
	82.0																5.9	82.0
	86.0																4.4	86.0
	Reeves		6			5			5			3			2			Reeves

Note: Designed and rated to ASME code B30.5, EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 120 ton, Carbody weight: 31 ton

54.0 m Boom Length	Boom length (m)		54.0														Boom length (m)	
	Jib length (m)		30.0			36.0			48.0			54.0			66.0			Jib length (m)
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																	
	18.0	72.2																18.0
	20.0	67.8			63.0													20.0
	22.0	63.9			59.4													22.0
	24.0	59.2			56.1			45.3										24.0
	26.0	52.1			52.3			44.2			33.8							26.0
	28.0	45.7			45.9			43.2			32.9							28.0
	30.0	40.5	32.0 m/37.5		40.7			41.6			32.0			19.5				30.0
	34.0	32.0	34.8		32.8	36.0 m/31.8		33.4			30.5			18.3				34.0
	38.0	36.0 m/26.7	30.0		27.1	29.6		27.6			27.1			17.1				38.0
	42.0		26.3		20.2	25.9		23.1	25.1		22.5	44.0 m/22.7		16.1				42.0
	46.0		23.3	18.9		22.9		19.6	22.2		18.7	21.5		14.4				46.0
	50.0			16.8		20.4	16.2	16.6	19.8		15.7	19.2		12.6	17.6			50.0
	54.0			15.1		52.0 m/19.4	14.4	12.5	17.7		13.1	17.2		9.9	15.8			54.0
	58.0						12.9		16.0	12.0	11.0	15.5	60.0 m/10.5	7.5	14.2			58.0
	62.0						60.0 m/12.3		14.5	10.7	60.0 m/9.6	14.0	9.9	5.6	12.7			62.0
	66.0									9.6		12.3	8.8	64.0 m/4.7	11.5	68.0 m/7.6		66.0
	70.0									8.6		68.0 m/10.7	7.8		8.4	7.1		70.0
	74.0									72.0 m/8.2			6.9		5.7	6.2		74.0
	78.0												6.2		3.4	5.4		78.0
	82.0															4.7		82.0
	86.0															84.0 m/4.3		86.0
	Reeves		6			5			4			3			2			Reeves

60.0 m Boom Length	Boom length (m)		60.0														Boom length (m)	
	Jib length (m)		30.0			36.0			48.0			54.0			66.0			Jib length (m)
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																	
	18.0	65.1																18.0
	20.0	59.7			55.2													20.0
	22.0	55.0			53.1													22.0
	24.0	50.9			50.1			45.0										24.0
	26.0	47.2			46.6			43.7			33.9							26.0
	28.0	43.5			43.4			41.7			33.0							28.0
	30.0	40.3			40.3			39.0			32.1			19.6				30.0
	34.0	33.5	32.8		33.9			33.1			30.6			18.4				34.0
	38.0	36.0 m/28.2	29.1		27.9	28.1		27.7			26.6			17.2				38.0
	42.0		25.4		21.3	25.0		23.4	23.2		22.2			16.2				42.0
	46.0		22.5	48.0 m/16.2		22.1		19.8	20.9		18.6	19.8		14.5				46.0
	50.0			15.3		19.7	52.0 m/13.8	16.8	18.8		15.5	17.9		12.9	52.0 m/15.2			50.0
	54.0			13.6		52.0 m/18.7	13.0	12.9	16.9		13.0	16.2		10.1	14.4			54.0
	58.0			56.0 m/12.8			11.6		15.2	60.0 m/9.7	10.8	14.6		7.7	13.4			58.0
	62.0						10.4		13.8	9.1	60.0 m/9.8	13.2	64.0 m/7.6	5.6	12.2			62.0
	66.0								64.0 m/13.1	8.0		12.0	7.1	64.0 m/4.7	11.1			66.0
	70.0									7.1		9.6	6.2		9.0	5.5		70.0
	74.0									6.3			5.4		6.1	72.0 m/5.1		74.0
	78.0												4.7		3.7			78.0
	Reeves		5			4			4			3			2			Reeves

Note: Designed and rated to ASME code B30.5, EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

LIFTING CAPACITIES



Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 120 ton, Carbody weight: 31 ton

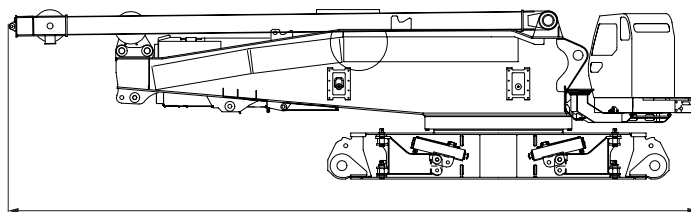
66.0 m Boom Length	66.0																Boom length (m)
	Boom length (m)																Jib length (m)
	Jib length (m)	30.0			36.0			48.0			54.0			66.0			Jib length (m)
	Boom angle	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
Working Radius (m)	20.0	48.5															20.0
	22.0	44.1			43.8												22.0
	24.0	40.3			40.1			38.8									24.0
	26.0	37.0			36.8			35.7			31.5						26.0
	28.0	34.1			33.9			32.9			30.7						28.0
	30.0	31.5			31.4			30.5			29.9			19.7			30.0
	34.0	27.1	36.0 m/28.5		27.1			26.4			26.0			18.4			34.0
	38.0	36.0 m/25.2	26.9		23.6	26.2		23.1			22.7			17.3			38.0
	42.0		24.4		20.7	23.4		20.3	44.0 m/20.1		19.9			16.2			42.0
	46.0		21.7			21.2		18.0	19.1		16.7	18.0		14.3			46.0
	50.0		48.0 m/20.5	13.6		19.0		15.3	17.2		14.0	16.2		11.6	52.0 m/13.6		50.0
	54.0			12.0		17.0	11.4	13.0	15.6		11.7	14.6		9.2	13.3		54.0
	58.0			10.7			10.0		14.2		9.7	13.6		7.1	12.0		58.0
	62.0			60.0 m/10.1			8.9		13.2	7.5	60.0 m/8.8	12.5		5.3	10.8		62.0
	66.0						64.0 m/8.4		12.0	6.6		11.3	5.7	64.0 m/4.5	9.8		66.0
	70.0									5.7		10.0	68.0 m/5.3		8.9		70.0
	74.0									5.0		72.0 m/8.4			6.4		74.0
	78.0									76.0 m/4.7					76.0 m/5.0		78.0
	Reeves	4			4			3			3			2			Reeves

TRANSPORTATION PLAN

Base Machine

Base machine (1)

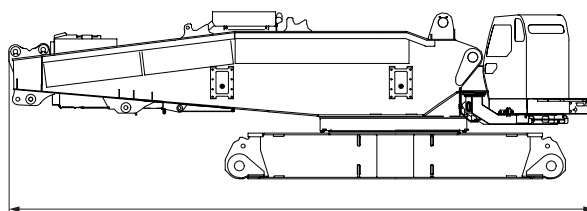
Base machine with mast and lower transifter without upper/lower connecting devices.



Weight	59.2 ton
Width	2.99 m
Height	3.4 m
(Machine)	
Length	13.85 m

Base machine (2)

Base machine without mast, lower transifter and upper/lower connecting devices.

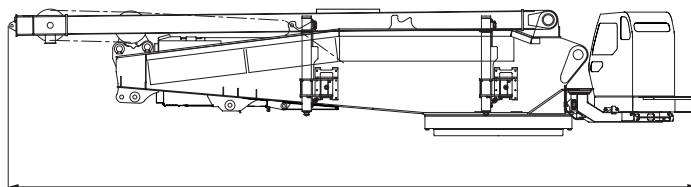


Weight	45.0 ton
Width	2.99 m
Height	3.4 m
(Machine)	
Length	11.8 m

Upper Structure

Upper Structure (1)

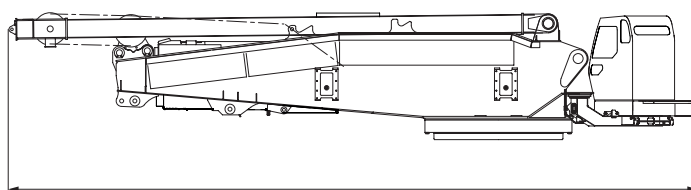
Upper structure with mast, upper transifter, and upper connecting devices.



Weight	44.6 ton
Width	3.48 m
Height	2.54 m
(Machine)	
Length	13.85 m

Upper Structure (2)

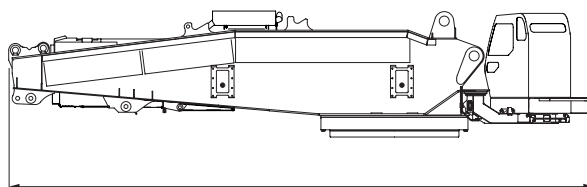
Upper structure with mast, and upper connecting devices.



Weight	42.2 ton
Width	2.99 m
Height	2.54 m
(Machine)	
Length	13.85 m

Upper Structure (3)

Upper structure and upper connecting devices without mast and upper transifter.

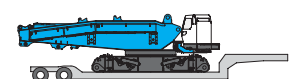


Weight	30.2 ton
Width	2.99 m
Height	2.54 m
(Machine)	
Length	11.8 m

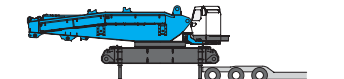
ASSEMBLY DISASSEMBLY

SELF-ERECTION SYSTEM

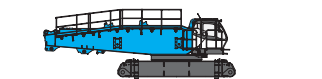
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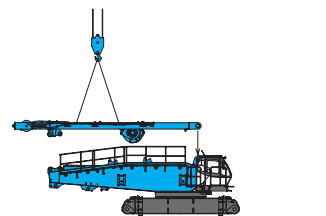
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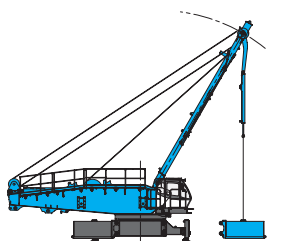
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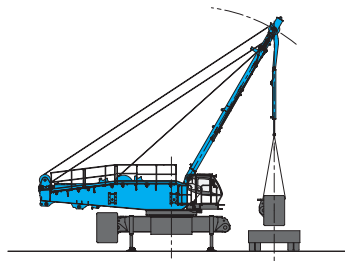
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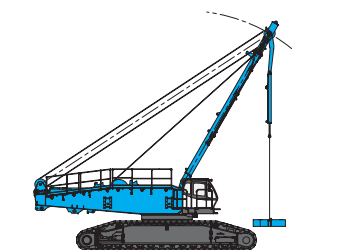
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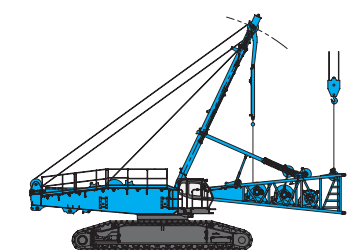
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7



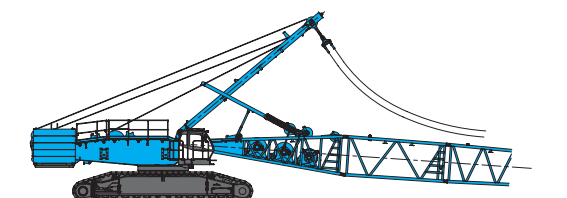
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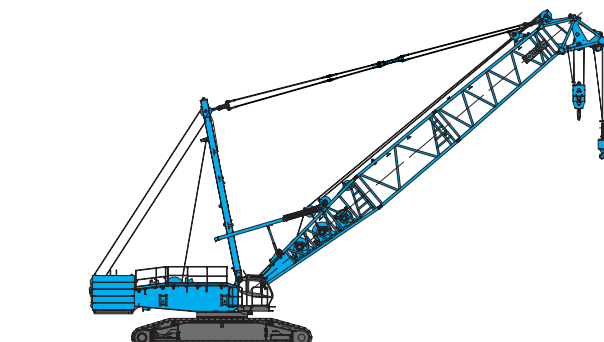
9



10



11



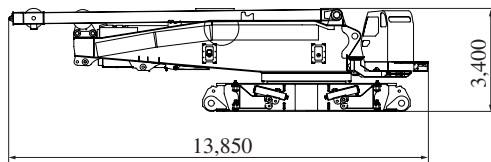
This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for handwriting practice or general note-taking. There are no margins, text, or other markings on the page.

PARTS AND ATTACHMENTS

Base Machine

With mast and lower transifter without upper/lower connecting devices.

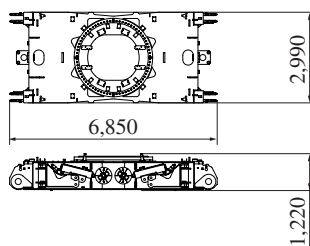
Weight: 59.2 ton Width: 2,990 mm



Carbody

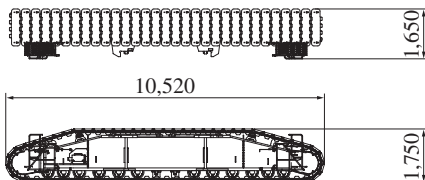
With upper/lower connecting devices.

Weight: 20.0 ton Width: 2,990 mm



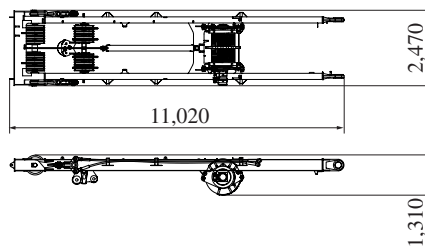
Crawler

Weight: 30.5 ton Width: 1,650 mm



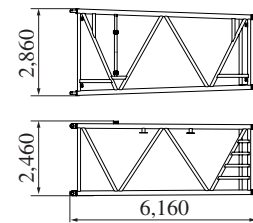
Crane Mast

Weight: 11.9 ton (with optional self-assembly cylinder)



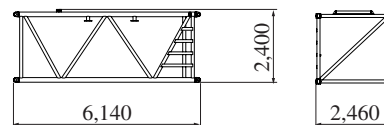
6 m Light Configuration Tapered Boom

Weight: 1.9 ton



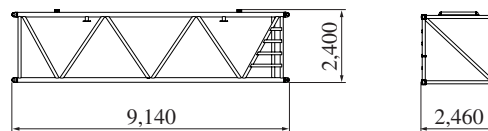
6 m Light Configuration Insert Boom

Weight: 1.8 ton



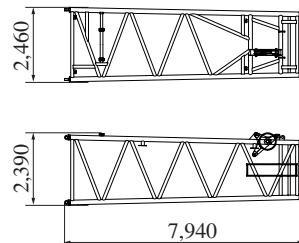
9 m Light Configuration Insert Boom

Weight: 2.6 ton



7.8 m Light Configuration Tapered Boom

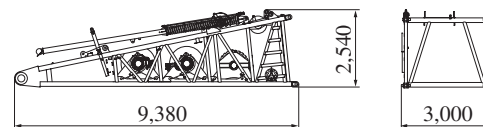
Weight: 2.9 ton



9 m Boom Base

With H1, H2 and W2 winches including ropes, guide sheave, and boom backstop

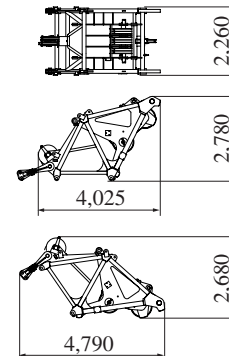
Weight: 21.6 ton



Dimensions: mm Weight: ton

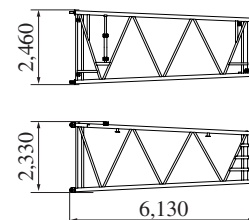
Light Configuration Luffing Boom Top

Weight: 4.4 ton



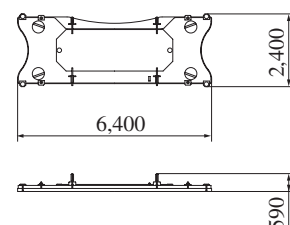
6 m Light Configuration Long Tapered Boom

Weight: 1.0 ton



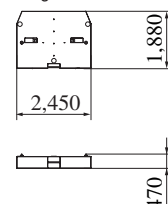
Base Counterweight

Weight: 20.0 ton



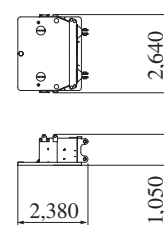
Counterweight (Carbodyweight)

Weight: 10.0 ton



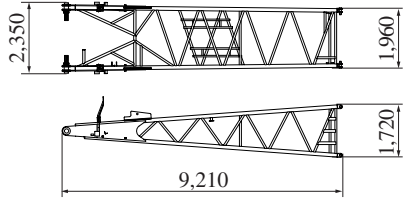
Base Carbody Weight

Weight: 5.7 ton



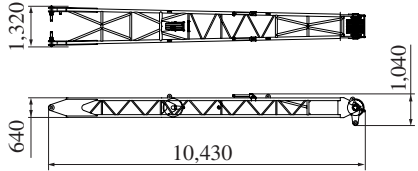
9 m Light Configuration Jib Base

Weight: 2.0 ton



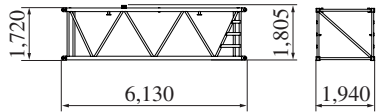
9 m Light Configuration Front Strut

Weight: 1.9 ton



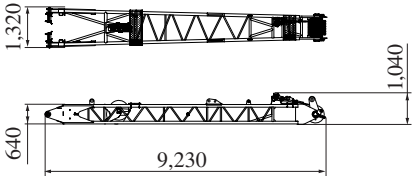
6 m Light Configuration Insert Jib

Weight: 0.9 ton



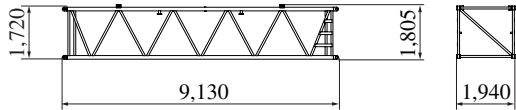
6 m Light Configuration Rear Strut

Weight: 2.6 ton



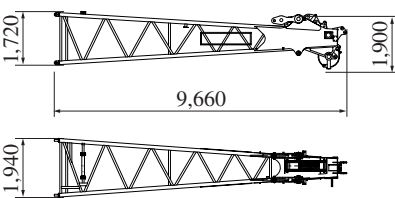
9 m Light Configuration Insert Jib

Weight: 1.3 ton



9 m Light Configuration Jib Top

Weight: 2.7 ton



[illegible]



HYDRAULIC CRAWLER CRANE

SL4500

Note: Standard equipment may vary depending on your areas or countries.

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