

Luffing Boom Lifting Capacities

Unit: ton

Counterweight: 160 ton, Carbody weight: 51 ton
Crawler weight: 20 ton, HL mast: 9.5 m and 13 m

Working Radius (m)	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	Working Radius (m)
6.0	6.1 m/350.0	6.8 m/350.0									6.0
7.0	350.0	350.0	7.4 m/350.0								7.0
8.0	315.5	315.0	311.4	308.0	8.6 m/280.0						8.0
9.0	252.4	269.6	269.1	269.1	268.8	9.3 m/249.5	9.9 m/224.0				9.0
10.0	224.2	223.5	223.0	222.8	222.4	222.1	221.8	10.5 m/196.0			10.0
12.0	166.1	165.2	164.6	164.4	163.9	163.5	163.1	162.8			12.0
14.0	131.1	130.2	129.5	129.2	128.6	128.1	127.7	127.3	126.6		14.0
16.0	107.8	106.8	106.0	105.6	105.0	104.5	104.0	103.6	102.8		16.0
18.0	91.1	90.0	89.2	88.7	88.1	87.5	87.0	86.6	85.7	84.4	18.0
20.0	78.5	77.4	76.6	76.1	75.4	74.8	74.3	73.8	72.9	71.6	20.0
22.0	68.8	67.7	66.8	66.2	65.5	64.9	64.3	63.8	62.9	61.7	22.0
24.0	61.1	59.9	59.0	58.4	57.6	57.0	56.4	55.8	55.0	53.7	24.0
26.0	54.8	53.6	52.6	51.9	51.2	50.5	49.9	49.3	48.4	47.1	26.0
28.0	50.4	48.3	47.3	46.6	45.8	45.1	44.5	43.9	43.0	41.7	28.0
30.0	28.3 m/49.7	43.9	42.8	42.1	41.3	40.5	39.9	39.3	38.4	37.1	30.0
34.0		33.5 m/38.1	35.8	34.9	34.1	33.3	32.6	32.0	31.0	29.7	34.0
38.0			30.6	29.6	28.6	27.8	27.0	26.4	25.4	24.1	38.0
42.0			38.7 m/30.1	25.4	24.4	23.5	22.7	22.0	21.0	19.6	42.0
46.0				43.9 m/24.0	21.1	20.1	19.2	18.5	17.3	15.7	46.0
50.0					49.1 m/19.1	17.3	16.4	15.4	14.2	12.6	50.0
54.0						15.3	13.9	12.8	11.6	10.0	54.0
58.0						54.3 m/15.1	11.8	10.7	9.4	7.8	58.0
62.0							59.5 m/11.3	8.9	7.6	5.9	62.0
66.0								64.7 m/8.0	6.0	4.3	66.0
70.0									69.8 m/4.9		70.0
Reeves	32	32	32	28	24	20	20	16	12	12	Reeves

Note:

Designed and rated to comply with 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.

Listed 30 m boom lifting capacities are only for double drum configuration.



HYDRAULIC CRAWLER CRANE SL4500R

Unit: ton

Luffing Jib Lifting Capacity

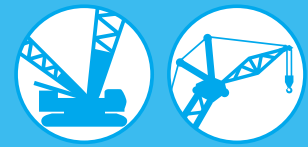
Counterweight: 160 ton, Carbody weight: 51 ton
Crawler weight: 20 ton, HL mast: 13 m

30.0 m Boom Length	Boom length (m)		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)	16.0	113.5				113.5												16.0	
	18.0	111.2				107.8			104.8									18.0	
	20.0	101.9				99.7			96.8									20.0	
	22.0	93.4				90.7			88.8									22.0	
	24.0	85.4	80.3			83.3			81.0			71.3						24.0	
	26.0	75.9	72.4			76.6	71.9		74.5			67.7						26.0	
	28.0	67.5	65.8			69.4	65.3		68.9			63.6			53.0			28.0	
	30.0		60.2			62.5	59.8		62.9	59.1		58.4			50.5			30.0	
	34.0		51.3	47.6		51.5	51.0		52.1	50.3		49.8			45.8			34.0	
	38.0			41.3			44.3	40.8	44.1	43.6		43.2	42.0		39.4			38.0	
	42.0							35.9		38.4	35.1	37.5	37.0		33.8	35.2		42.0	
	46.0									34.2	31.3	32.5	32.8		29.2	31.7		46.0	
	50.0										28.1	28.4	29.4	26.5	25.4	28.3		50.0	
	54.0											25.0	26.5	23.8	22.2	25.4		54.0	
	58.0											22.6	24.1	21.6	19.6	23.0	20.3	58.0	
	62.0												22.0	19.7	17.3	20.9	18.5	62.0	
	66.0													18.0	15.4	19.1	16.8	66.0	
	70.0														14.0	17.5	15.4	70.0	
	74.0															15.4	14.1	74.0	
	78.0																13.0	78.0	
	Reeves	9			9			9			6			4			Reeves		

36.0 m Boom Length	Boom length (m)		36.0															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	111.8				99.4												18.0	
	20.0	103.5				99.4												20.0	
	22.0	95.1				93.5			83.4									22.0	
	24.0	84.7				84.2			78.8			71.9						24.0	
	26.0	76.2				75.8			74.6			68.2						26.0	
	28.0	69.2	63.9			68.8			67.8			64.7			53.3			28.0	
	30.0	63.3	58.4			62.9	57.7		62.0			61.5			50.8			30.0	
	34.0	52.3	49.8			52.9	49.1		52.6			52.2			46.1			34.0	
	38.0		43.2	39.0		44.6	42.6		44.6	41.6		44.4	41.0		41.9			38.0	
	42.0		38.1	34.3			37.4	33.5	38.1	36.5		37.9	36.0		37.1			42.0	
	46.0			30.5			33.3	29.8	33.0	32.3		32.8	31.9		31.9	30.8		46.0	
	50.0							26.7	28.8	29.0	25.5	28.6	28.5		27.7	27.4		50.0	
	54.0									26.2	23.0	25.1	25.7	22.5	24.2	24.6		54.0	
	58.0									23.8	20.9	22.7	23.3	20.3	21.2	22.2		58.0	
	62.0										19.0		21.3	18.5	18.6	20.2	17.3	62.0	
	66.0													16.9	16.3	18.4	15.7	66.0	
	70.0													15.6	14.2	16.9	14.3	70.0	
	74.0															15.5	13.1	74.0	
	78.0																12.0	78.0	
	82.0																11.1	82.0	
	Reeves	9			8			7			6			5			Reeves		

Note: Designed and rated to comply with EN13000.

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



Unit: ton

Luffing Jib Lifting Capacity

Counterweight: 160 ton, Carbody weight: 51 ton
Crawler weight: 20 ton, HL mast: 13 m

42.0 m Boom Length	Boom length (m)		42.0															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	113.5																18.0	
	20.0	106.9				99.4												20.0	
	22.0	94.7				94.3			84.1									22.0	
	24.0	84.4				83.9			79.5			71.0						24.0	
	26.0	75.9				75.5			74.5			68.8						26.0	
	28.0	68.9				68.5			67.5			65.2			53.7			28.0	
	30.0	63.0	57.0			62.6			61.7			61.2			51.1			30.0	
	34.0	53.2	48.6			53.3	47.8		52.3			51.9			46.3			34.0	
	38.0		42.1			45.2	41.4		45.2	40.4		44.8			42.1			38.0	
	42.0		37.1	32.6			36.4		38.5	35.4		38.4	35.0		38.1			42.0	
	46.0			29.0			32.4	28.2	33.3	31.4		33.1	30.9		32.8	29.1		46.0	
	50.0			26.1				25.2	29.0	28.1		28.8	27.6		28.3	26.5		50.0	
	54.0							22.8		25.3	21.6	25.3	24.9		24.6	23.8		54.0	
	58.0									23.0	19.6	22.4	22.5	19.0	21.5	21.4		58.0	
	62.0										17.8		20.6	17.3	18.9	19.4	16.0	62.0	
	66.0										16.3		18.9	15.8	16.6	17.7	14.5	66.0	
	70.0													14.5	14.4	16.2	13.2	70.0	
	74.0															14.9	12.0	74.0	
	78.0															13.8	10.9	78.0	
	82.0																10.0	82.0	
	Reeves		9				8			7			6			5		Reeves	

48.0 m Boom Length	Boom length (m)		48.0															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	99.4																18.0	
	20.0	99.4				85.2												20.0	
	22.0	94.3				85.2												22.0	
	24.0	84.0				83.5			71.0			71.0						24.0	
	26.0	75.6				75.1			71.0			69.3						26.0	
	28.0	68.6				68.1			67.2			65.7			54.0			28.0	
	30.0	62.7	55.7			62.3			61.3			60.9			51.4			30.0	
	34.0	53.3	47.4			52.9	46.6		52.0			51.6			46.6			34.0	
	38.0		41.0			45.8	40.3		44.9			44.5			42.3			38.0	
	42.0		36.1			39.0	35.4		39.0	34.4		38.8	33.7		38.3			42.0	
	46.0			27.5			31.4	26.6	33.6	30.4		33.4	30.0		33.1			46.0	
	50.0			24.7			28.2	23.8	29.3	27.2		29.1	26.8		28.6	25.6		50.0	
	54.0							21.5		24.5	20.3	25.5	24.1		24.9	22.9		54.0	
	58.0							19.5		22.2	18.3	22.5	21.8	17.8	21.7	20.6		58.0	
	62.0									20.3	16.6		19.8	16.1	19.0	18.7		62.0	
	66.0										15.2		18.2	14.6	16.7	17.0	13.3	66.0	
	70.0										14.0				13.4	14.8	15.5	70.0	
	74.0															12.3	14.3	74.0	
	78.0																13.1	78.0	
	82.0																	8.8	82.0
	86.0																	8.0	86.0
	Reeves		8				7			6			6			5		Reeves	

Note: Designed and rated to comply with EN13000.

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



HYDRAULIC CRAWLER CRANE

SL4500R

Unit: ton

Luffing Jib Lifting Capacity

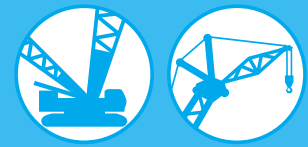
Counterweight: 160 ton, Carbody weight: 51 ton
Crawler weight: 20 ton, HL mast: 13 m

54.0 m Boom Length	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)	20.0	85.2			85.2												20.0
	22.0	85.2			85.2												22.0
	24.0	83.5			83.1			71.0									24.0
	26.0	75.2			74.7			71.0			69.9						26.0
	28.0	68.2			67.7			67.0			66.3			53.3			28.0
	30.0	62.3			61.9			61.2			60.5			51.7			30.0
	34.0	53.0	46.1		52.6			51.9			51.2			46.9			34.0
	38.0		39.9		45.5	39.1		44.8			44.2			42.6			38.0
	42.0		35.0		39.5	34.3		39.3	33.3		38.6			38.0			42.0
	46.0		31.2	25.9		30.4		34.3	29.4		33.8	29.0		33.5			46.0
	50.0			23.2		27.3	22.3	29.8	26.3		29.3	25.8		29.0	24.7		50.0
	54.0			20.9			20.0	25.8	23.6		25.7	23.2		25.1	22.0		54.0
	58.0						18.2		21.4	16.9	22.6	21.0		21.9	19.8		58.0
	62.0								19.5	15.3		19.1	14.8	19.2	17.9		62.0
	66.0									14.0		17.4	13.4	16.8	16.3		66.0
	70.0									12.8			12.1	14.7	14.8	10.5	70.0
	74.0												11.0		13.6	9.4	74.0
	78.0												10.1		12.5	8.4	78.0
	82.0															7.6	82.0
	86.0															6.8	86.0
	90.0															6.2	90.0
	Reeves	7			7			6			6			5			Reeves

60.0 m Boom Length	60.0																Boom length (m)
	Jib length (m)	36.0			42.0			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	71.0															20.0
	22.0	71.0			71.0												22.0
	24.0	71.0			71.0			71.0									24.0
	26.0	71.0			71.0			71.0			56.8						26.0
	28.0	67.3			66.9			66.6			56.8						28.0
	30.0	61.5			61.1			60.8			56.8			48.6			30.0
	34.0	52.2			51.8			51.6			51.2			47.2			34.0
	38.0	45.2	37.8		44.8			44.5			44.1			42.8			38.0
	42.0	39.6	33.1		39.3	32.6		39.0	32.0		38.6			37.7			42.0
	46.0		29.3		34.5	28.8		34.5	28.3		34.2	27.9		33.2			46.0
	50.0		26.2			25.8		30.1	25.2		30.0	24.8		29.3	22.8		50.0
	54.0			18.5		23.2		26.4	22.7		26.3	22.2		25.4	21.1		54.0
	58.0			16.7		21.1	16.1		20.5		23.1	20.1		22.1	18.9		58.0
	62.0			15.2			14.6		18.7	13.8		18.2	13.1	19.3	17.1		62.0
	66.0						13.2					16.6	11.8	17.0	15.5		66.0
	70.0											15.3	10.6	14.0	14.1	8.5	70.0
	74.0												9.5		12.9	7.9	74.0
	78.0												8.6		11.8	7.0	78.0
	82.0															6.2	82.0
	86.0															5.5	86.0
	Reeves	6			6			6			5			4			Reeves

Note: Designed and rated to comply with EN13000.

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



Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 160 ton, Carbody weight: 51 ton
Crawler weight: 20 ton, HL mast: 13 m

66.0 m Boom Length	66.0																Boom length (m)
	Jib length (m)	36.0			42.0			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)																Working Radius (m)
	20.0	71.0															20.0
	22.0	71.0			71.0												22.0
	24.0	71.0			71.0			56.8									24.0
	26.0	71.0			71.0			56.8			56.8						26.0
	28.0	66.9			66.5			56.8			56.8						28.0
	30.0	61.1			60.7			56.8			56.8			42.6			30.0
	34.0	51.8			51.4			51.2			50.8			42.6			34.0
	38.0	44.8	36.4		44.4			44.2			43.8			40.4			38.0
	42.0	39.3	31.8		38.9	31.3		38.7			38.3			37.2			42.0
	46.0		28.2		34.5	27.7		34.2	27.1		33.9	26.4		32.9			46.0
	50.0		25.2			24.7		30.4	24.2		30.2	23.7		29.3			50.0
	54.0		22.7	16.8		22.2		26.9	21.7		26.5	21.2		25.7	20.1		54.0
	58.0			15.0		20.1	14.3		19.6		23.3	19.1		22.3	18.0		58.0
	62.0			13.5			12.8		17.8	12.0		17.4		19.5	16.2		62.0
	66.0			12.3			11.5		16.3	10.7		15.8	10.1	16.3	14.6		66.0
	70.0						10.5			9.6		14.5	9.0	12.7	13.3		70.0
	74.0									8.7			8.0		12.1		74.0
	78.0												7.2		10.9		78.0
	82.0														10.0		82.0
	Reeves	6			6			5			5			4			Reeves

72.0 m Boom Length	72.0																Boom length (m)
	Jib length (m)	36.0			42.0			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)																Working Radius (m)
	22.0	71.0			65.5												22.0
	24.0	71.0			65.5			56.8									24.0
	26.0	66.7			63.5			56.8			52.4						26.0
	28.0	62.0			61.2			56.4			50.4						28.0
	30.0	57.6			57.6			53.5			48.4			41.1			30.0
	34.0	49.9			50.1			48.8			44.3			39.8			34.0
	38.0	43.5			43.8			44.0			40.3			37.7			38.0
	42.0	37.7	31.1		38.6	30.3		38.6			36.6			34.7			42.0
	46.0		27.5		33.9	26.8		34.2	26.2		33.2			31.9			46.0
	50.0		24.6			23.9		30.6	23.4		29.9	22.6		29.0			50.0
	54.0		22.2			21.5		27.2	20.9		26.7	20.2		25.9	19.0		54.0
	58.0			13.7		19.4			18.9		23.5	18.2		22.5	17.0		58.0
	62.0			12.3		17.7	11.3		17.2			16.4		18.3	15.3		62.0
	66.0			11.1			10.1		15.7	9.3		14.9		14.6	13.7		66.0
	70.0						9.1			8.3		13.7	7.4		12.3		70.0
	74.0						8.3			7.4			6.5		11.1		74.0
	78.0									6.7					10.0		78.0
	82.0														9.1		82.0
	Reeves	6			5			5			4			4			Reeves

Note: Designed and rated to comply with EN13000.

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



HYDRAULIC CRAWLER CRANE SL4500R

Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 160 ton, Carbody weight: 51 ton
Crawler weight: 20 ton, HL mast: 13 m

78.0 m Boom Length	78.0													Boom length (m)
	Boom length (m)	36.0			42.0			48.0			54.0			Jib length (m)
	Jib length (m)													Boom angle
	Boom angle	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
Working Radius (m)	22.0	56.8												22.0
	24.0	56.8			56.8									24.0
	26.0	54.3			53.8			51.4			42.6			26.0
	28.0	50.4			50.0			48.3			42.6			28.0
	30.0	46.7			46.5			46.0			42.6			30.0
	34.0	40.4			40.4			40.2			39.8			34.0
	38.0	35.1			35.3			35.2			34.8			38.0
	42.0	30.5	29.8		31.0			31.0			30.7			42.0
	46.0		26.4		27.2	25.4		27.4	23.2		27.2			46.0
	50.0		23.6			22.8		24.2	22.6		24.1	21.4		50.0
	54.0		21.3			20.5		21.3	20.2		21.4	19.2		54.0
	58.0					18.5			18.2		19.0	17.3		58.0
	62.0								16.6			15.5		62.0
	66.0								15.1			14.1		66.0
	70.0											13.0		70.0
	Reeves	5			5			5			4			Reeves

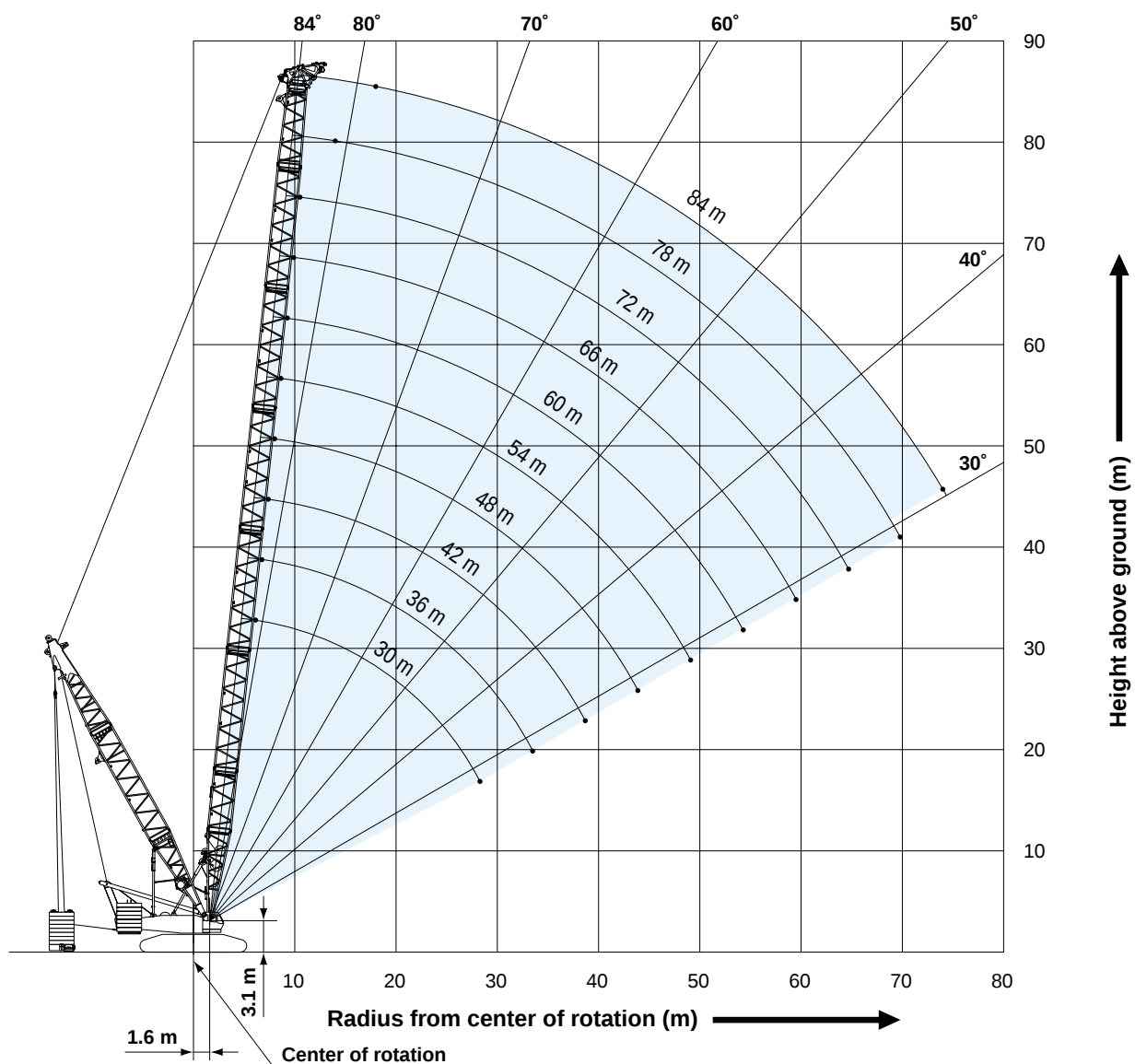
Note: Designed and rated to comply with EN13000.

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

SUPER HEAVY LIFT

WORKING RANGES

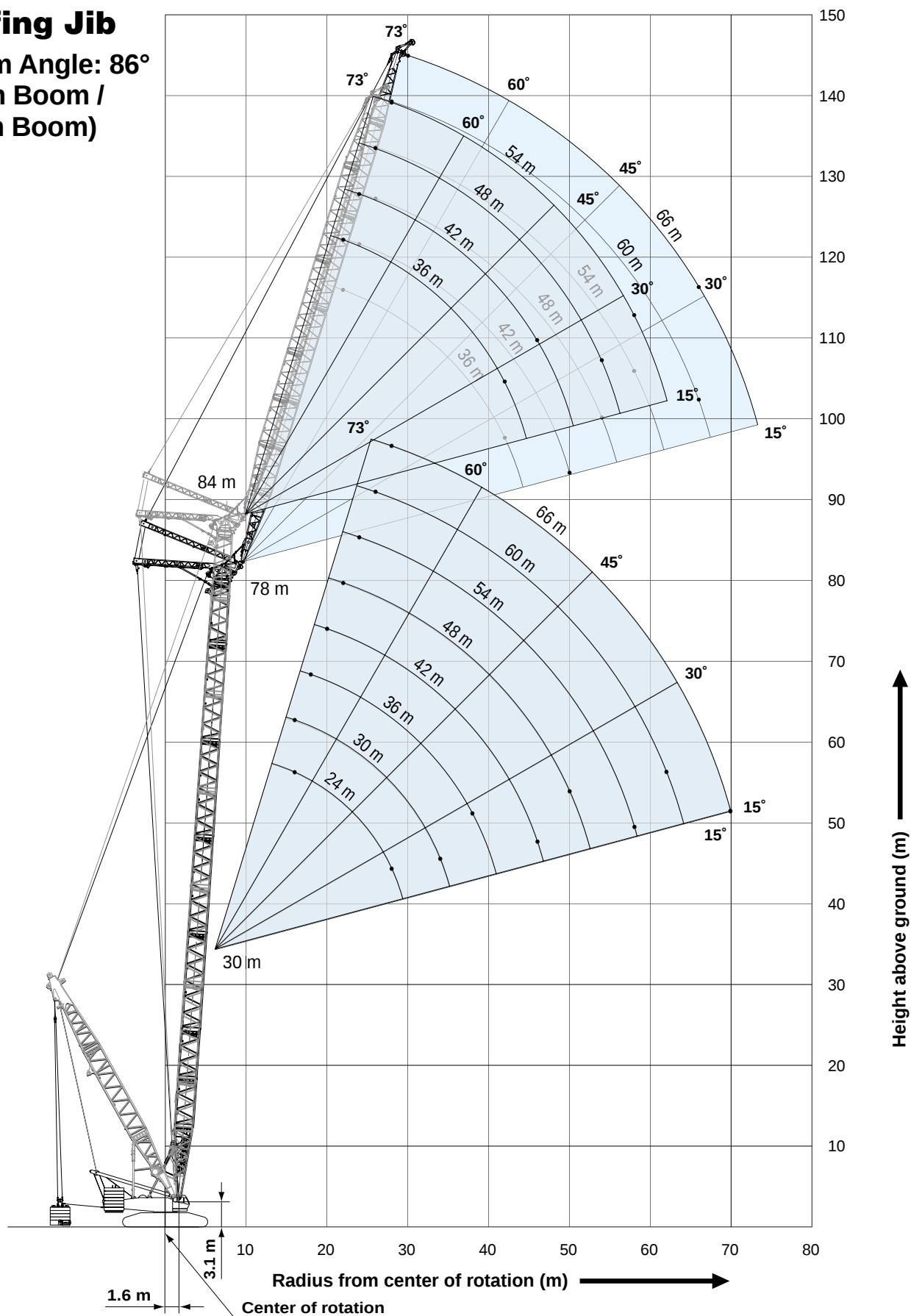
Luffing Boom



HYDRAULIC CRAWLER CRANE SL4500R

Luffing Jib

Boom Angle: 86°
(78 m Boom /
84 m Boom)

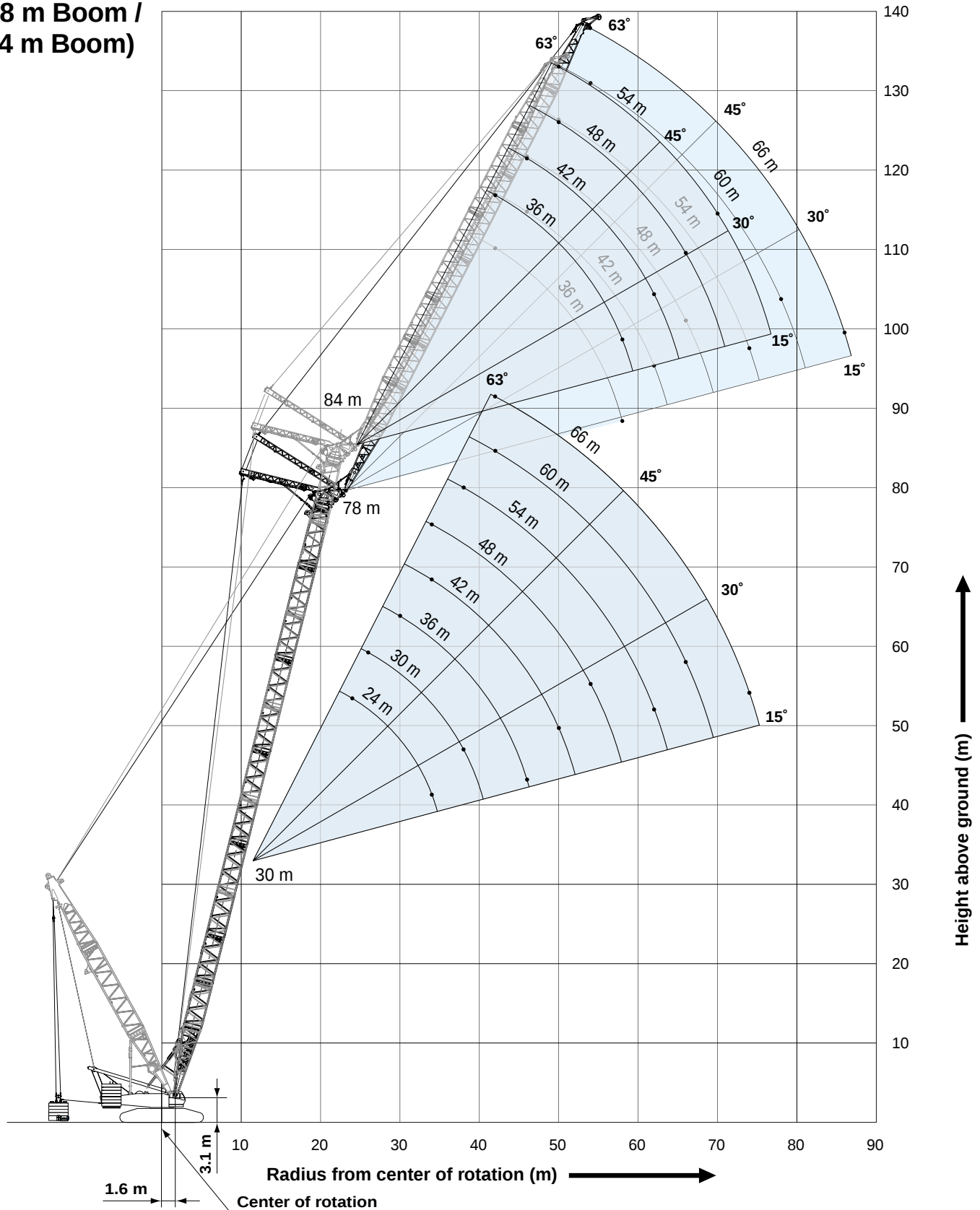


SUPER HEAVY LIFT

WORKING RANGES

Luffing Jib

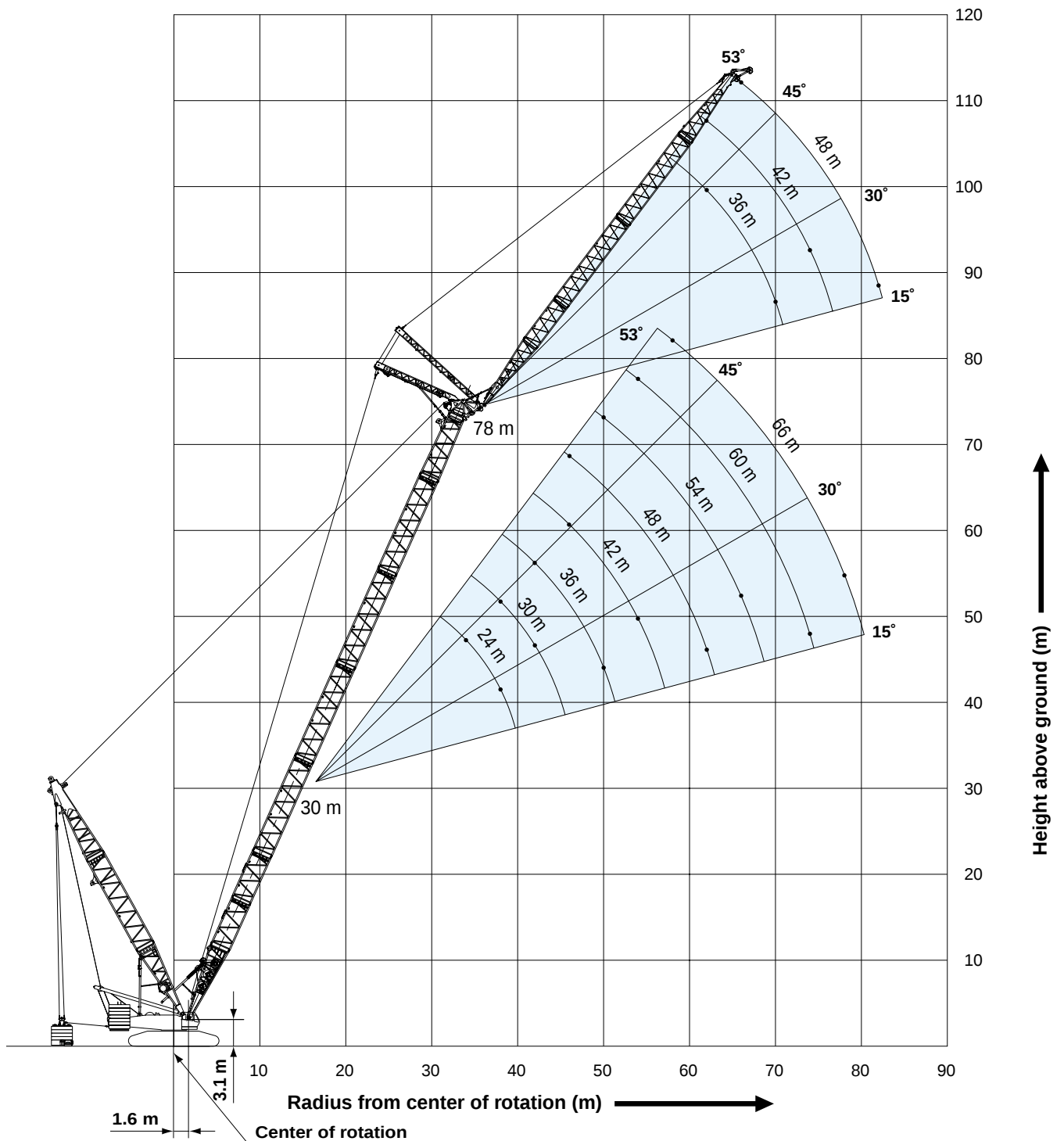
Boom Angle: 76°
(78 m Boom /
84 m Boom)



HYDRAULIC CRAWLER CRANE SL4500R

Luffing Jib

Boom Angle: 66°





Luffing Boom Lifting Capacities

Unit: ton

Counterweight: 160 ton, Carbody weight: 51 ton, Crawler weight: 20 ton,
Pallet weight: 250 ton x 13 m (Base + 10 t x 24)

Working Radius (m)	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	Working Radius (m)
6.0	6.1 m/350.0	6.8 m/350.0									6.0
7.0	350.0	350.0	7.4 m/350.0								7.0
8.0	350.0	350.0	350.0	8.0 m/308.0	8.6 m/280.0						8.0
9.0	350.0	350.0	350.0	308.0	280.0	9.3 m/249.5	9.9 m/224.0				9.0
10.0	350.0	350.0	349.9	308.0	280.0	249.5	224.0	10.5 m/196.0			10.0
12.0	350.0	350.0	349.2	308.0	280.0	249.5	224.0	196.0			12.0
14.0	336.0	332.5	331.7	308.0	280.0	249.5	224.0	196.0	176.8		14.0
16.0	293.0	293.0	293.0	293.0	280.0	249.5	224.0	196.0	176.8		16.0
18.0	257.1	263.7	260.4	262.9	262.4	249.5	224.0	196.0	176.8	152.6	18.0
20.0	217.8	234.6	231.5	233.7	235.8	233.0	221.8	196.0	176.8	152.6	20.0
22.0	184.5	214.1	209.1	213.1	212.6	205.7	209.7	196.0	176.8	152.6	22.0
24.0	155.1	195.7	191.0	194.5	192.1	187.7	189.3	191.0	176.8	152.6	24.0
26.0	128.1	177.1	176.2	175.7	175.2	171.2	172.6	174.0	173.3	152.6	26.0
28.0	105.1	154.3	160.7	160.1	159.5	159.0	158.6	158.2	157.5	152.6	28.0
30.0	28.3 m/101.7	131.6	147.5	146.9	146.3	145.7	145.3	144.9	144.2	142.9	30.0
34.0		33.5 m/95.6	126.6	125.9	125.1	124.5	124.0	123.5	122.8	121.5	34.0
38.0			96.3	109.8	109.0	108.3	107.7	107.2	106.4	105.1	38.0
42.0			38.7 m/91.5	97.3	96.4	95.6	94.9	94.3	93.5	92.2	42.0
46.0				43.9 m/87.4	81.9	85.3	84.6	84.0	83.1	81.8	46.0
50.0					49.1 m/80.1	76.9	76.1	75.4	74.5	73.1	50.0
54.0						70.4	69.0	68.3	67.3	65.9	54.0
58.0						54.3 m/69.9	63.1	62.2	61.3	60.0	58.0
62.0							59.5 m/61.4	57.1	56.1	54.7	62.0
66.0								64.7 m/54.3	51.6	50.2	66.0
70.0									69.8 m/48.0	46.4	70.0
74.0										42.9	74.0
Reeves	32	32	32	28	24	20	20	16	16	12	Reeves

Note:

Designed and rated to comply with 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.

Listed 30 m boom lifting capacities are only for double drum configuration.



HYDRAULIC CRAWLER CRANE SL4500R

Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 160 ton, Carbody weight: 51 ton, Crawler weight: 20 ton,
Pallet weight: 130 ton x 13 m (Base + 10 t x 12)

30.0 m Boom Length	Boom length (m)		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)	30.0 m Boom Length	16.0	113.5			113.5												16.0	Working Radius (m)
		18.0	111.2			107.8			104.8									18.0	
		20.0	101.9			99.7			96.8									20.0	
		22.0	93.4			90.7			88.8									22.0	
		24.0	86.5	90.5		83.3			81.0			71.3						24.0	
		26.0	80.2	82.2		77.0	81.4		74.5			67.7						26.0	
		28.0	73.4	75.2		71.8	74.4		68.9			63.6			53.0			28.0	
		30.0		69.3		67.1	68.5		64.1	67.4		58.4			50.5			30.0	
		34.0		59.5	58.6	57.8	58.9		56.5	57.9		49.8			45.8			34.0	
		38.0			51.2		51.5	50.4	49.8	50.6		43.2	48.7		39.4			38.0	
		42.0						44.7		44.7	43.5	37.8	42.8		33.8	41.3		42.0	
		46.0								40.0	38.9	33.5	38.0		29.2	36.5		46.0	
		50.0									35.1	30.0	34.1	32.8	25.4	32.5		50.0	
		54.0										27.3	30.8	29.6	22.2	29.2		54.0	
		58.0										22.6	28.0	26.8	19.6	26.3	25.1	58.0	
		62.0											25.6	24.5	17.4	23.2	22.8	62.0	
		66.0												22.5	15.7	20.5	20.7	66.0	
		70.0													14.6	18.2	19.0	70.0	
		74.0														15.4	17.4	74.0	
		78.0															16.0	78.0	
		Reeves		9			9			9			6			4		Reeves	

36.0 m Boom Length	Boom length (m)		36.0															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)	36.0 m Boom Length	18.0	111.8			99.4												18.0	Working Radius (m)
		20.0	103.5			99.4												20.0	
		22.0	96.5			93.5			83.4									22.0	
		24.0	87.0			86.1			78.8			71.9						24.0	
		26.0	79.0			78.1			74.6			68.2						26.0	
		28.0	72.3	72.7		71.4			70.4			64.7			53.3			28.0	
		30.0	66.5	66.9		65.6	65.8		64.7			61.5			50.8			30.0	
		34.0	57.2	57.5		56.3	56.4		55.3			54.9			46.1			34.0	
		38.0		50.2	48.3	49.2	49.2		48.1	47.8		47.6	47.3		41.9			38.0	
		42.0		44.5	42.7		43.5	41.5	42.4	42.1		41.9	41.5		38.1			42.0	
		46.0			38.2		38.9	37.1	37.7	37.5		37.0	36.9		32.9	35.3		46.0	
		50.0						33.4	33.7	33.6	31.7	32.4	33.0		28.7	31.4		50.0	
		54.0								30.4	28.6	28.4	29.8	27.9	25.1	28.2		54.0	
		58.0								27.7	26.0	22.7	27.0	25.3	22.2	25.4		58.0	
		62.0									23.8		24.7	23.1	19.6	23.0	21.3	62.0	
		66.0												21.1	17.4	21.0	19.3	66.0	
		70.0												19.5	15.0	18.9	17.6	70.0	
		74.0														16.8	16.1	74.0	
		78.0															14.8	78.0	
		82.0															13.7	82.0	
		Reeves		9			8			7			6			5		Reeves	

Note: Designed and rated to comply with EN13000.

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

SUPER HEAVY LIFT



Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 160 ton, Carbody weight: 51 ton, Crawler weight: 20 ton,
Pallet weight: 130 ton x 13 m (Base + 10 t x 12)

42.0 m Boom Length	42.0																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	113.5															18.0
	20.0	106.9			99.4												20.0
	22.0	95.9			94.9			84.1									22.0
	24.0	86.3			85.3			79.5			71.0						24.0
	26.0	78.3			77.4			75.2			68.8						26.0
	28.0	71.6			70.7			69.7			65.2			53.7			28.0
	30.0	65.8	65.2		64.9			64.0			62.0			51.1			30.0
	34.0	56.5	56.0		55.7	54.8		54.7			54.3			46.3			34.0
	38.0		48.9		48.6	47.8		47.5	46.4		47.1			42.1			38.0
	42.0		43.2	40.6		42.2		41.8	40.8		41.4	40.2		38.4			42.0
	46.0			36.2		37.6	35.0	37.2	36.2		36.7	35.6		33.3	34.0		46.0
	50.0			32.7			31.5	33.4	32.4		32.7	31.8		29.0	30.3		50.0
	54.0						28.6		29.3	26.8	28.7	28.7		25.4	27.1		54.0
	58.0								26.6	24.3	22.8	26.0	23.6	22.3	24.4		58.0
	62.0									22.2		23.7	21.5	19.7	22.1	19.7	62.0
	66.0									20.4		21.7	19.6	17.5	20.0	17.8	66.0
	70.0												18.0	15.3	18.3	16.2	70.0
	74.0														16.8	14.7	74.0
	78.0														15.0	13.5	78.0
	82.0															12.4	82.0
	Reeves		9			8			7			6			5		Reeves

48.0 m Boom Length	48.0																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	99.4															18.0
	20.0	99.4			85.2												20.0
	22.0	95.0			85.2												22.0
	24.0	85.5			84.5			71.0			71.0						24.0
	26.0	77.5			76.6			71.0			69.3						26.0
	28.0	70.8			69.9			69.0			65.7			54.0			28.0
	30.0	65.1	63.3		64.3			63.3			62.4			51.4			30.0
	34.0	55.9	54.3		55.1	53.2		54.1			53.7			46.6			34.0
	38.0		47.4		48.0	46.3		47.0			46.5			42.3			38.0
	42.0		41.9		39.0	40.8		41.3	39.4		40.9	38.8		38.5			42.0
	46.0			34.2		36.4	32.9	36.7	34.9		36.2	34.3		33.7			46.0
	50.0			30.8		32.7	29.5	32.9	31.3		32.4	30.7		29.3	29.1		50.0
	54.0						26.7		28.2	25.0	28.9	27.6		25.6	26.0		54.0
	58.0						24.4		25.6	22.6	25.5	24.9	21.9	22.5	23.3		58.0
	62.0								23.4	20.6		22.7	19.8	19.9	21.1		62.0
	66.0									18.8		20.8	18.1	17.6	19.1	16.3	66.0
	70.0									17.3				16.5	15.5	17.4	70.0
	74.0													15.2		15.9	74.0
	78.0														14.6	12.1	78.0
	82.0																82.0
	86.0																86.0
	Reeves		8			7			6			6			5		Reeves

Note: Designed and rated to comply with EN13000.

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



HYDRAULIC CRAWLER CRANE SL4500R

Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 160 ton, Carbody weight: 51 ton, Crawler weight: 20 ton,
Pallet weight: 130 ton x 13 m (Base + 10 t x 12)

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)	20.0	85.2				85.2												20.0	
	22.0	85.2				85.2												22.0	
	24.0	84.6				83.6			71.0									24.0	
	26.0	76.7				75.8			71.0			69.9						26.0	
	28.0	70.1				69.2			68.3			66.3			53.3			28.0	
	30.0	64.4				63.5			62.6			62.3			51.7			30.0	
	34.0	55.3	52.6			54.4			53.4			53.1			46.9			34.0	
	38.0		45.8			47.4	44.7		46.4			46.0			42.6			38.0	
	42.0		40.5			39.5	39.3		40.7	37.9		40.3			38.7			42.0	
	46.0		36.1	32.1		35.0			36.2	33.6		35.7	33.0		34.1			46.0	
	50.0			28.8		31.5	27.5		32.4	30.0		31.9	29.4		29.6	27.8		50.0	
	54.0			26.1			24.8	26.2	27.0			28.8	26.4		25.9	24.8		54.0	
	58.0						22.6		24.5	20.8		25.7	23.8		22.7	22.2		58.0	
	62.0								22.3	18.9			21.7	18.1	20.0	20.0		62.0	
	66.0									17.2			19.8	16.4	17.7	18.1		66.0	
	70.0									15.8				15.0	15.4	16.4	13.1	70.0	
	74.0													13.7		15.0	11.8	74.0	
	78.0													12.6		13.7	10.7	78.0	
	82.0																9.7	82.0	
	86.0																8.8	86.0	
	90.0																8.1	90.0	
	Reeves		7			7			6			6			5			Reeves	

60.0 m Boom Length	Boom length (m)		60.0															Boom length (m)	
	Jib length (m)		36.0			42.0			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	71.0																20.0	
	22.0	71.0				71.0												22.0	
	24.0	71.0				71.0			71.0									24.0	
	26.0	71.0				71.0			71.0			56.8						26.0	
	28.0	68.3				67.9			67.4			56.8						28.0	
	30.0	62.7				62.3			61.8			56.8			48.6			30.0	
	34.0	53.7				53.2			52.7			52.4			47.2			34.0	
	38.0	46.7	42.8			46.2			45.7			45.3			42.8			38.0	
	42.0	41.2	37.6			40.7	37.0		40.1	36.2		39.7			38.4			42.0	
	46.0		33.4			36.2	32.8		35.6	32.0		35.2	31.4		33.9			46.0	
	50.0		30.0				29.3		31.9	28.5		31.4	28.0		29.9	26.3		50.0	
	54.0			22.6			26.4		26.4	25.6		28.3	25.0		26.1	23.4		54.0	
	58.0			20.5			24.0	19.7		23.2		25.6	22.6		22.9	20.9		58.0	
	62.0			18.7				17.8		21.1	16.9		20.5	16.2	20.2	18.8		62.0	
	66.0							16.3			15.3		18.6	14.6	17.8	17.0		66.0	
	70.0										14.0		17.1	13.2	14.2	15.4	11.4	70.0	
	74.0										12.8			12.0		14.0	10.2	74.0	
	78.0													11.0		12.7	9.1	78.0	
	82.0															11.7	8.2	82.0	
	86.0																7.3	86.0	
	90.0																6.6	90.0	
	Reeves		6			6			6			5			4			Reeves	

Note: Designed and rated to comply with EN13000.

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



Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 160 ton, Carbody weight: 51 ton, Crawler weight: 20 ton,
Pallet weight: 130 ton x 13 m (Base + 10 t x 12)

66.0 m Boom Length	Boom length (m)		66.0														Boom length (m)		
	Jib length (m)		36.0			42.0			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	71.0																20.0
22.0		71.0			71.0													22.0	
24.0		71.0			71.0			56.8										24.0	
26.0		71.0			71.0			56.8			56.8							26.0	
28.0		67.4			67.0			56.8			56.8							28.0	
30.0		61.9			61.5			56.8			56.8			42.6				30.0	
34.0		52.9			52.5			52.0			51.7			42.6				34.0	
38.0		46.0	40.9		45.6			45.0			44.7			40.4				38.0	
42.0		40.5	35.9		40.1	35.2		39.5			39.1			37.2				42.0	
46.0			31.8		35.6	31.2		35.0	30.4		34.6	29.8		33.3				46.0	
50.0			28.5			27.8		31.3	27.1		30.9	26.5		29.6				50.0	
54.0			25.8	20.4		25.0		26.6	24.3		27.8	23.7		26.4	22.0			54.0	
58.0				18.4		22.7	17.6		21.9		25.1	21.3		23.1	19.6			58.0	
62.0				16.7			15.9		19.9	14.9		19.2		20.2	17.6			62.0	
66.0				15.3			14.4		18.2	13.5		17.5	12.7	16.3	15.8			66.0	
70.0							13.2				12.2		16.0	11.5	12.8	14.3		70.0	
74.0										11.1				10.3		12.9	8.5	74.0	
78.0													9.4		11.7	7.5	78.0		
82.0													8.5		10.7		82.0		
86.0																	86.0		
	Reeves	6			6			5			5			4			Reeves		

72.0 m Boom Length	Boom length (m)		72.0															Boom length (m)	
	Jib length (m)		36.0			42.0			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)	22.0	71.0			65.5													22.0	
	24.0	71.0			65.5			56.8										24.0	
	26.0	66.7			63.5			56.8			52.4							26.0	
	28.0	62.0			61.2			56.4			50.4							28.0	
	30.0	57.6			57.6			53.5			48.4			41.1				30.0	
	34.0	49.9			50.1			48.8			44.3			39.8				34.0	
	38.0	43.5			43.8			44.0			40.3			37.7				38.0	
	42.0	37.7	34.9		38.6	33.8		39.0			36.5			34.7				42.0	
	46.0		31.0		33.9	29.9		34.6	29.2		33.2			31.9				46.0	
	50.0		27.7			26.7		30.7	25.9		30.2	24.9		29.0				50.0	
	54.0		25.0			24.0		27.2	23.2		27.3	22.2		25.9	20.5			54.0	
	58.0			16.9		21.7			20.9		24.5	19.9		22.5	18.2			58.0	
	62.0			15.3		19.8	14.2		19.0			17.9		18.3	16.3			62.0	
	66.0			13.9			12.8		17.3	11.9		16.2		14.6	14.6			66.0	
	70.0						11.6			10.7		14.8	9.6		13.1			70.0	
	74.0						10.6			9.7			8.5		11.8			74.0	
	78.0									8.8			7.6		10.6			78.0	
82.0												6.9		9.6			82.0		
	Reeves	6			5			5			4			4			Reeves		

Note: Designed and rated to comply with EN13000.

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



HYDRAULIC CRAWLER CRANE SL4500R

Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 160 ton, Carbody weight: 51 ton, Crawler weight: 20 ton,
Pallet weight: 130 ton x 13 m (Base + 10 t x 12)

78.0 m Boom Length	78.0																Boom length (m)
	Jib length (m)	36.0			42.0			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)																
	22.0	56.8															22.0
	24.0	56.8			56.8												24.0
	26.0	54.3			53.8			51.4			42.6						26.0
	28.0	50.4			50.0			49.4			42.6						28.0
	30.0	46.7			46.5			46.0			42.6			37.2			30.0
	34.0	40.4			40.4			40.2			39.8			36.0			34.0
	38.0	35.1			35.3			35.2			34.8			34.0			38.0
	42.0	30.5	33.6		31.0			31.0			30.7			30.0			42.0
	46.0		29.8		27.2	29.2		27.4	28.0		27.2			26.6			46.0
	50.0		26.6		23.6	26.1		24.2	24.9		24.1	23.8		23.7			50.0
	54.0		24.0			23.4		21.3	22.3		21.4	21.2		21.1	19.6		54.0
	58.0		21.7			21.2			20.0		19.0	19.0		18.9	17.4		58.0
	62.0			13.6		19.2	12.9		18.1			17.1		16.2	15.5		62.0
	66.0			12.3			11.6		16.5	10.4		15.5		12.8	13.9		66.0
	70.0			11.2			10.5			9.3		14.0			12.4		70.0
	74.0						9.5			8.3		12.8			11.2		74.0
	78.0									7.4					10.0		78.0
	82.0									6.7					9.0		82.0
	86.0														8.2		86.0
	Reeves	5			5			5			4			3			Reeves

84.0 m Boom Length	Boom length (m)		84.0												Boom length (m)	
	Jib length (m)		36.0			42.0			48.0			54.0			Jib length (m)	
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle	
	Working Radius (m)															Working Radius (m)
22.0		52.8													22.0	
24.0		48.3			48.0										24.0	
26.0		44.4			44.1			43.8							26.0	
28.0		41.0			40.7			40.4			35.4				28.0	
30.0		38.0			37.7			37.4			34.4				30.0	
34.0		32.8			32.6			32.3			31.7				34.0	
38.0		28.4			28.4			28.2			27.7				38.0	
42.0		24.6	26.0		24.8			24.7			24.4				42.0	
46.0			22.8		21.7	22.3		21.7			21.5				46.0	
50.0			20.3			19.8		19.1	18.4		19.0	17.3			50.0	
54.0			18.5			17.6		16.7	16.4		16.9	15.3			54.0	
58.0			16.8			15.8			14.6		14.9	13.6			58.0	
62.0						14.3			13.2			12.1			62.0	
66.0									12.1				10.9		66.0	
70.0													9.8		70.0	
74.0														74.0		
78.0														78.0		
82.0														82.0		
Reeves		4			4			4			3			Reeves		

Note: Designed and rated to comply with EN13000.

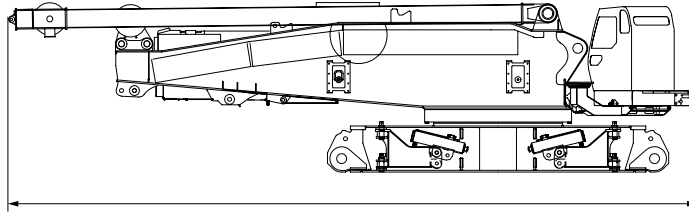
Ratings shown in are determined by the strength of the boom or other structural components.

TRANSPORTATION PLAN

Base Machine

Base machine (1)

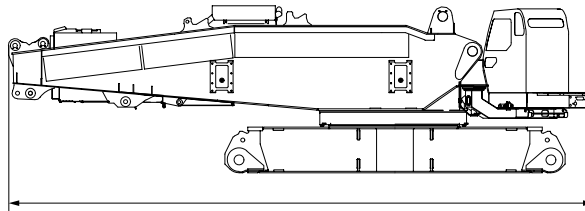
Base machine with mast and lower translifter without upper/lower connecting devices.



Weight	59,200 kg
Width	2.99 m
Height	3.4 m
(Machine)	
Length	13.85 m

Base machine (2)

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

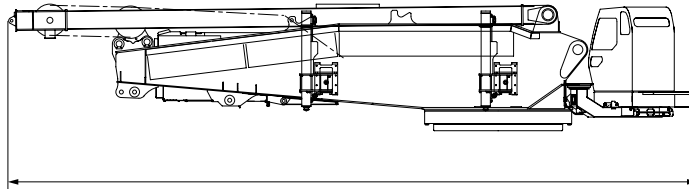


Weight	45,000 kg
Width	2.99 m
Height	3.4 m
(Machine)	
Length	11.8 m

Upper Structure

Upper Structure (1)

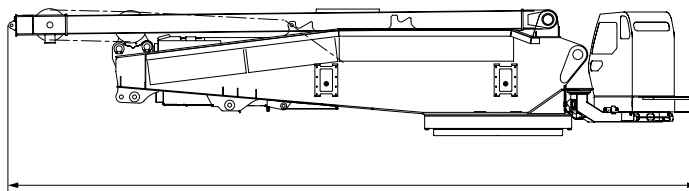
Upper structure with mast, upper translifter, and upper connecting devices.



Weight	44,600 kg
Width	3.48 m
Height	2.54 m
(Machine)	
Length	13.85 m

Upper Structure (2)

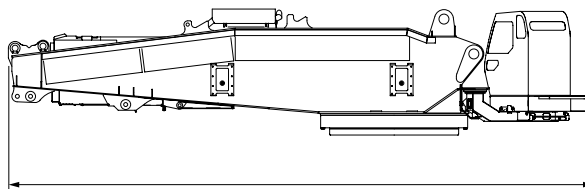
Upper structure with mast, and upper connecting devices.



Weight	42,100 kg
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 translifter.

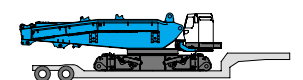


Weight	30,200 kg
Width	2.99 m
Height	2.54 m
(Machine)	
Length	11.8 m

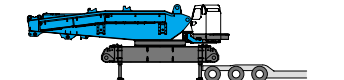
ASSEMBLY DISASSEMBLY

SELF-ERECTION SYSTEM

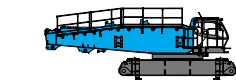
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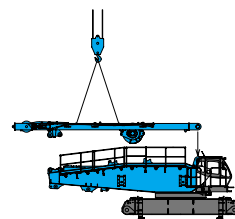
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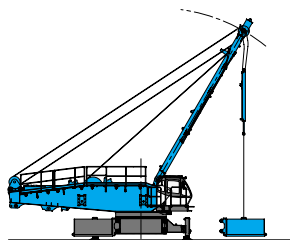
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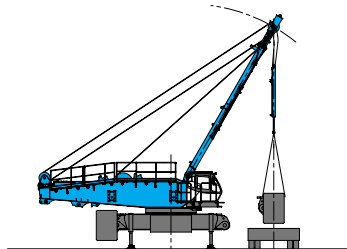
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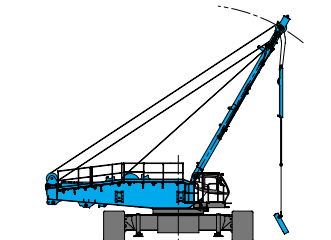
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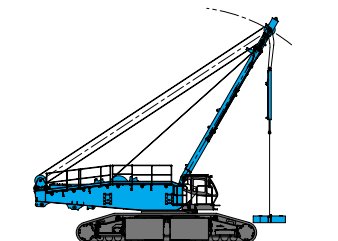
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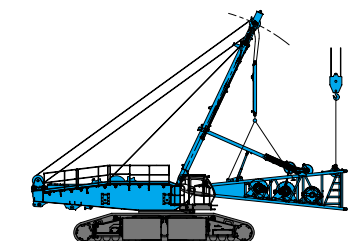
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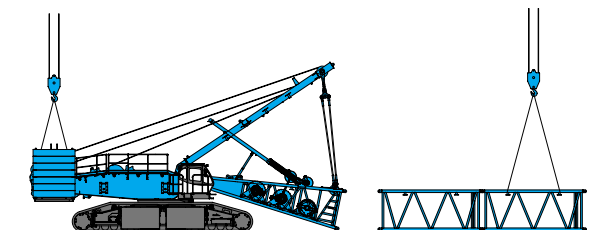
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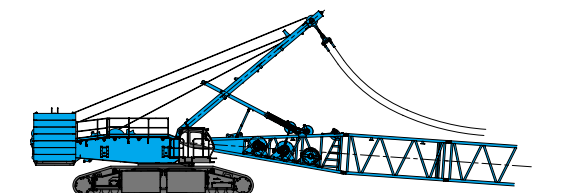
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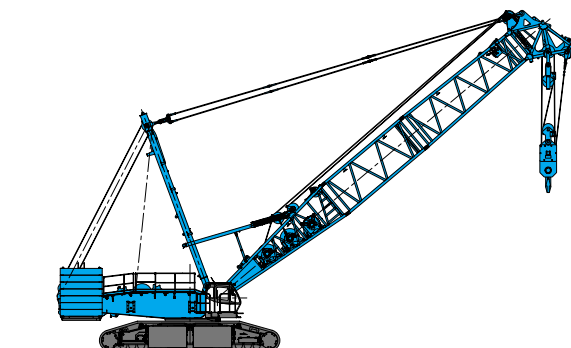
⑩



⑪



⑫

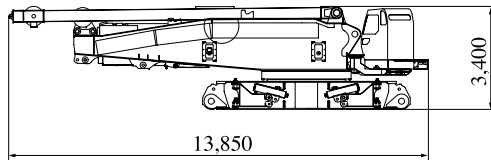


PARTS AND ATTACHMENTS

Base Machine

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

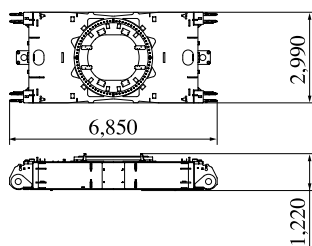
Weight: 59,200 kg Width: 2,990 mm



Carbody

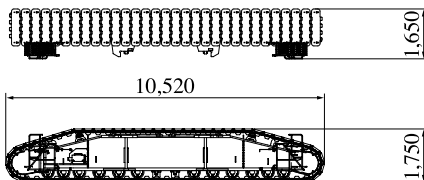
With upper/lower connecting devices.

Weight: 20,000 kg Width: 2,990 mm



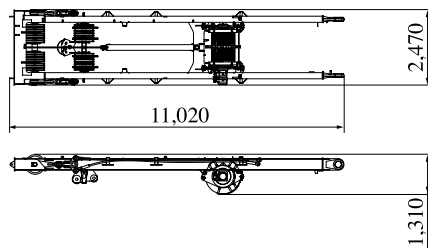
Crawler

Weight: 30,500 kg Width: 1,600 mm



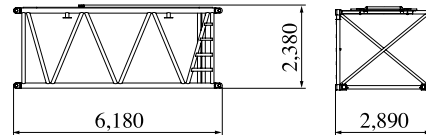
Crane Mast (Standard)

Weight: 11,900 kg



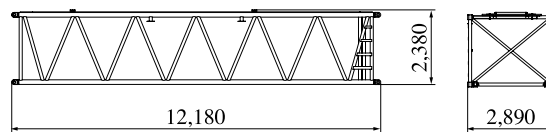
6 m Insert Boom

Weight: 3,500 kg



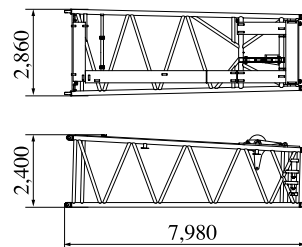
12 m Insert Boom

Weight: 6,500 kg



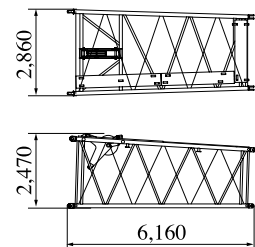
7.8 m Tapered Boom

Weight: 3,200 kg



6 m Long Tapered Boom

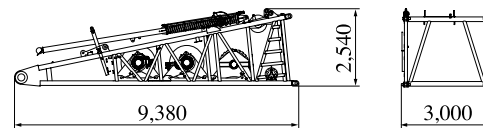
Weight: 1,600 kg



9 m Boom Base

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

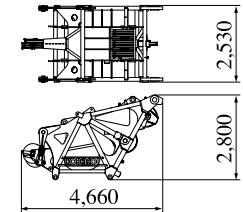
Weight: 24,100 kg



Dimensions: mm Weight: kg

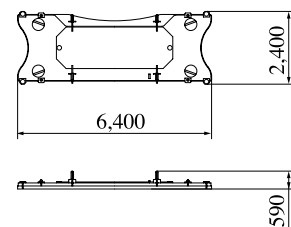
Luffing Boom Top

Weight: 6,100 kg



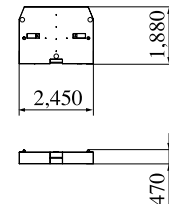
Base Counterweight

Weight: 20,040 kg



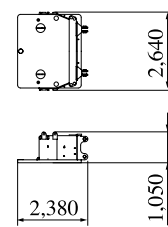
Counterweight (Carbodyweight)

Weight: 10,000 kg



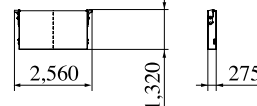
Base Carbody Weight

Weight: 5,690 kg



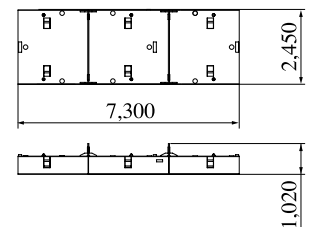
Crawler Weight

Weight: 5,000 kg



Base Pallet Weight

Weight: 9,300 kg

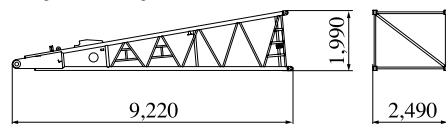


HYDRAULIC CRAWLER CRANE SL4500R

Dimensions: mm Weight: kg

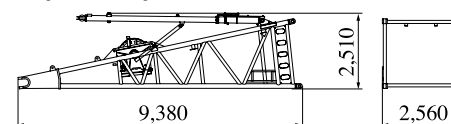
9 m Jib Base

Weight: 2,800 kg



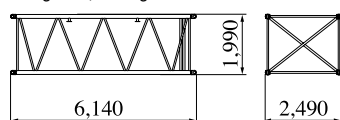
HL Mast Base

Weight: 8,100 kg



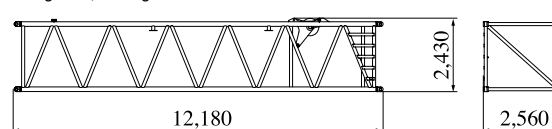
6 m Insert Jib

Weight: 1,400 kg



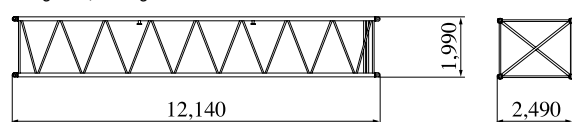
HL 12 m Insert Mast

Weight: 3,800 kg



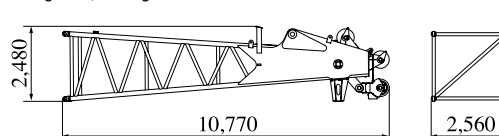
12 m Insert Jib

Weight: 2,440 kg



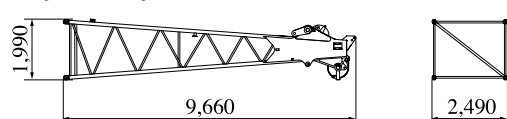
HL Mast top

Weight: 8,000 kg



9 m Jib Top

Weight: 2,400 kg

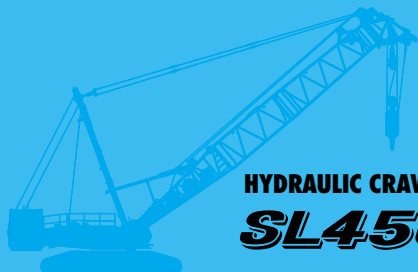


Other Attachments

Attachments	Weight	Dimensions (L x W x H)
200-ton hook	6,650 kg	1,340 mm x 1,000 mm x 3,270 mm
120-ton hook	3,500 kg	960 mm x 800 mm x 2,270 mm
70-ton hook	3,100 kg	760 mm x 900 mm x 2,120 mm
40-ton hook	2,000 kg	700 mm x 900 mm x 1,810 mm
13.5-ton ball hook	650 kg	1,355 mm x 400 ϕ mm

Note: Estimated weights may vary $\pm$ 2%.

[illegible]



HYDRAULIC CRAWLER CRANE
SL4500R

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

Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

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