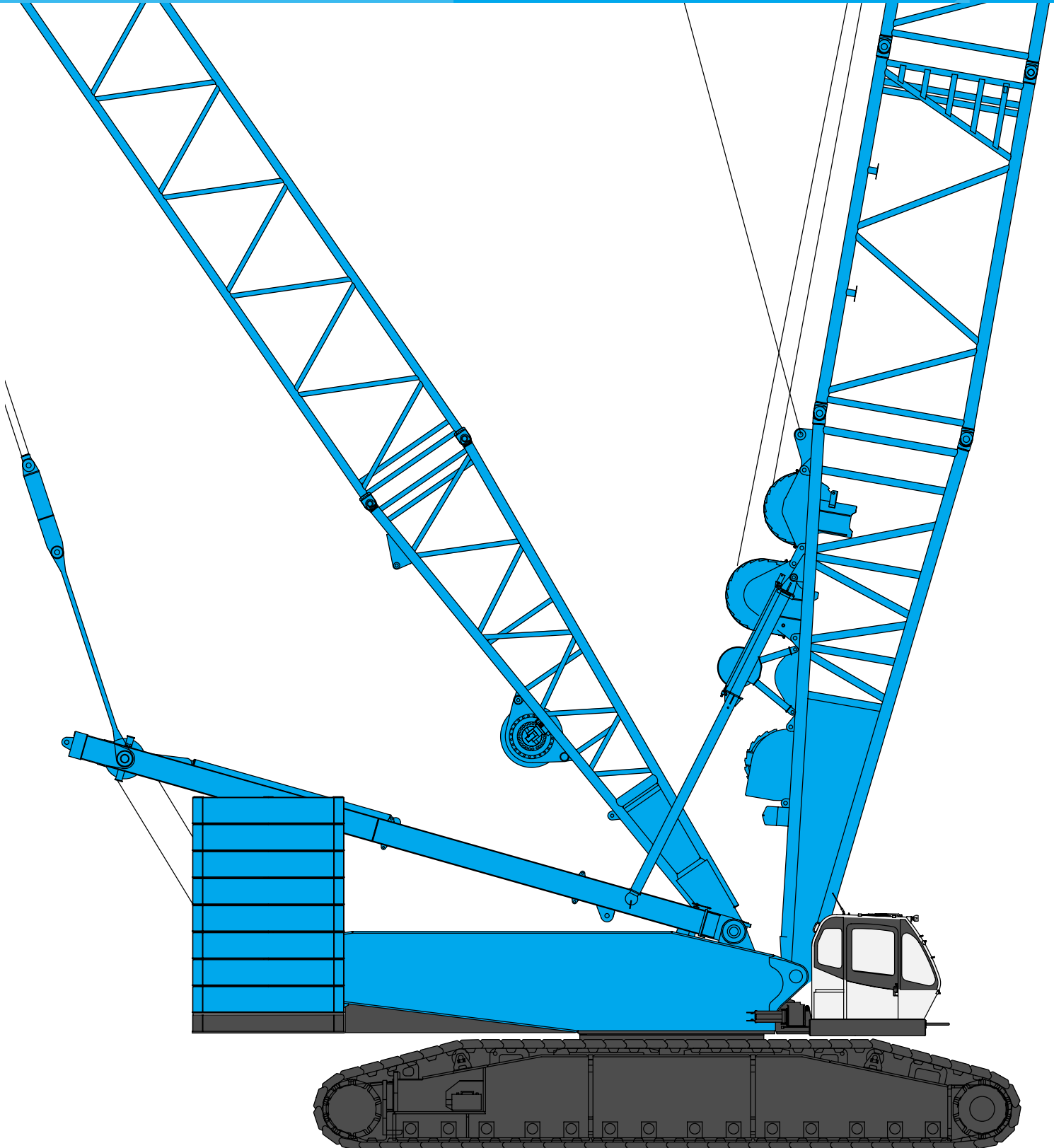


KOBELCO

HYDRAULIC CRAWLER CRANE ***SL6000***

⌘ ⒶⒺⒻⒼⒶ⒦ ⒼⒾⒻⒻⒶⒶⒶ



Max. Lifting Capacity: 550 t
Max. Boom Length: 126 m
Max. Luffing Jib: 84 m

MAIN SPECIFICATIONS

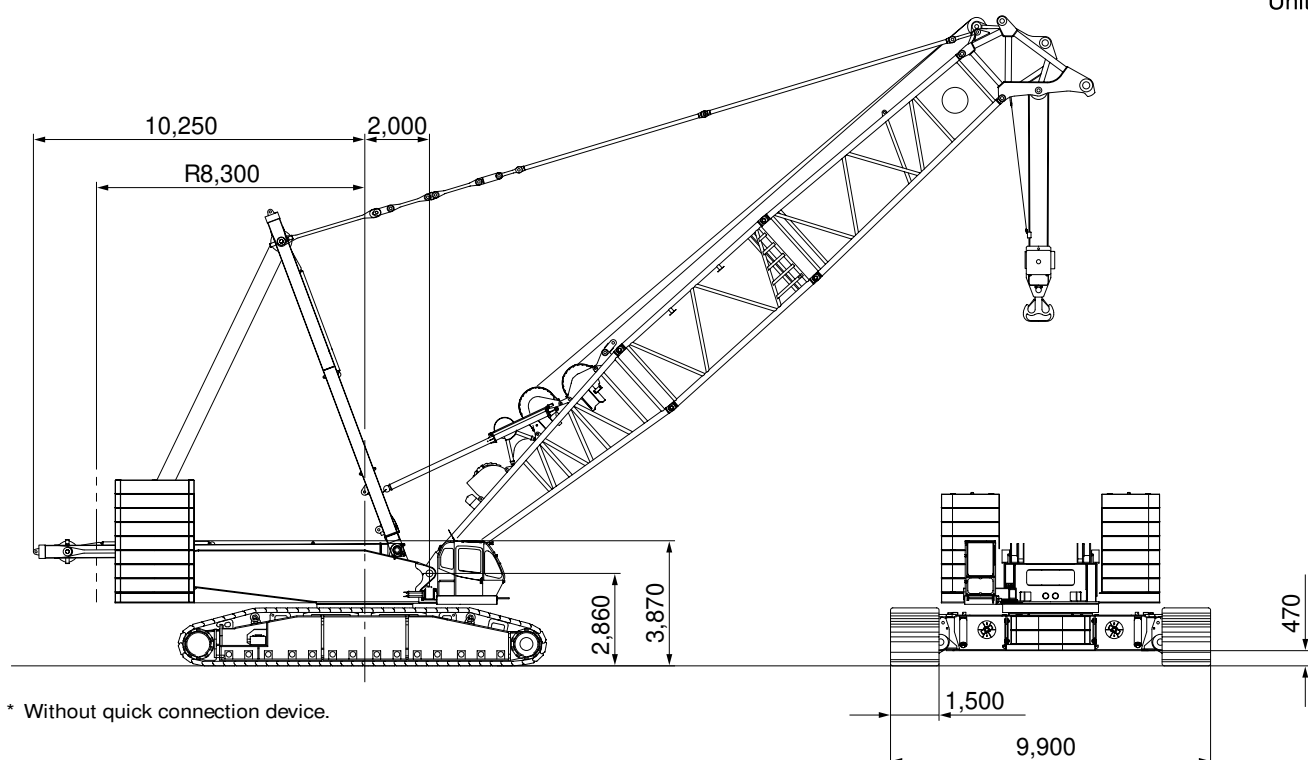
Lift Enhancer	STD	HL	SHL
HL Mast	-	30 m	30 m
Additional Weight	-	-	~ 250 t
Heavy Duty Crane Boom			
Max. Lifting Capacity	450 t	367.5 t	550 t
	6.7 m		
Length	24 ~ 42 m	36 ~ 42 m	36 ~ 42 m
Crane Boom			
Max. Lifting Capacity	300 t	300 t	300 t
	9 m		
Length	30 ~ 84 m	36 ~ 84 m	36 ~ 84 m
Long Boom			
Length	90 ~ 108 m	90 ~ 108 m	90 ~ 126 m
Luffing Jib			
Max. Lifting Capacity	184 t	200 t	200 t
Max. Combination (Boom) (Jib)	60 m	60 m	84 m
	72 m	72 m	84 m
Luffing Angle	66° ~ 86°		
Power Plant			
Model	Hino E13C-UV		
Engine Output	320 kW/2,000 min ⁻¹ {rpm}		
Fuel Tank Capacity	600 liters		

Hoist Winch (H1, H2)	
Max. Line Speed	110 m/min (1st layer)
Rated Line Pull (Single line)	137 kN {14.0 tf}
Wire Rope Diameter	28 mm
Wire Rope Length	830 m
Working Speed	
Swing	0.9 min ⁻¹ {rpm}
Travel	1.0/0.6 km/h
Hydraulic System	
Pumps	6 variable displacement
Max. Pressure	31.9 MPa {325 kgf/cm ² }
Hydraulic Tank Capacity	710 liters
Weight	
Operating Weight*	Approx. 424 t
Ground Pressure*	136 kPa {1.4 kgf/cm ² }
Counterweight	180.0 t (Upper) + 50.0 t (Lower)

* Including upper and lower machine, 180.0 ton counterweight and 50.0 ton carbodyweight, basic boom, hook and other accessories.
Units are SI units. { } indicates conventional units.

GENERAL DIMENSIONS

Unit: mm



BOOM CONFIGURATIONS

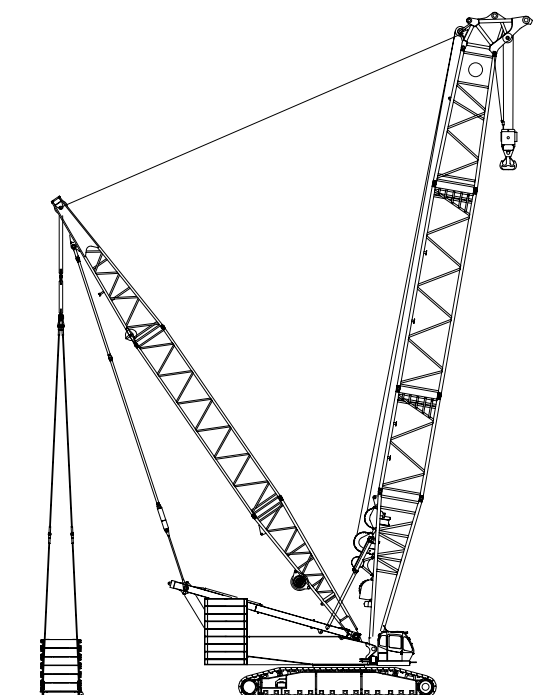
Lift Enhancer				STD			HL			SHL		
Boom Configurations				Crane		Luffing	Crane		Luffing	Crane		Luffing
				Heavy	STD		Heavy	STD		Heavy	STD	
			Length	42 m	84 m	60 m + 72 m	42 m	84 m	60 m + 72 m	42 m	84 m	84 m + 84 m
Boom	Boom Base		9 m	1	1	1	1	1	1	1	1	1
	Boom Top	Heavy Duty (550 t Capacity)	1 m	1	0	0	1	0	0	1	0	0
		Standard (300 t Capacity)	1 m	0	1	1	0	1	1	0	1	1
	Insert Boom	6 m	6 m	2	1	1	2	1	1	2	1	1
		12 m	12 m	1	5	3	1	5	3	1	5	5
		Taper	8 m	1	1	1	1	1	1	1	1	1
Luffing	Jib Base		10 m	NA		1	NA		1	NA		1
	Jib Top		8 m			1			1			
	Insert Jib	6 m	6 m			1			1			
		12 m	12 m			4			4			5
HL Mast	Lower		9 m	NA		NA	1		1			
	Upper		9 m				1		1			
	Insert		12 m				1		1			
SHL Counterweight	Base Weight (10 t)			NA		NA	NA		1			
	Piece Weight (~240 t)								1			

* Additional jack or support crane is not necessary to lift above boom configuration

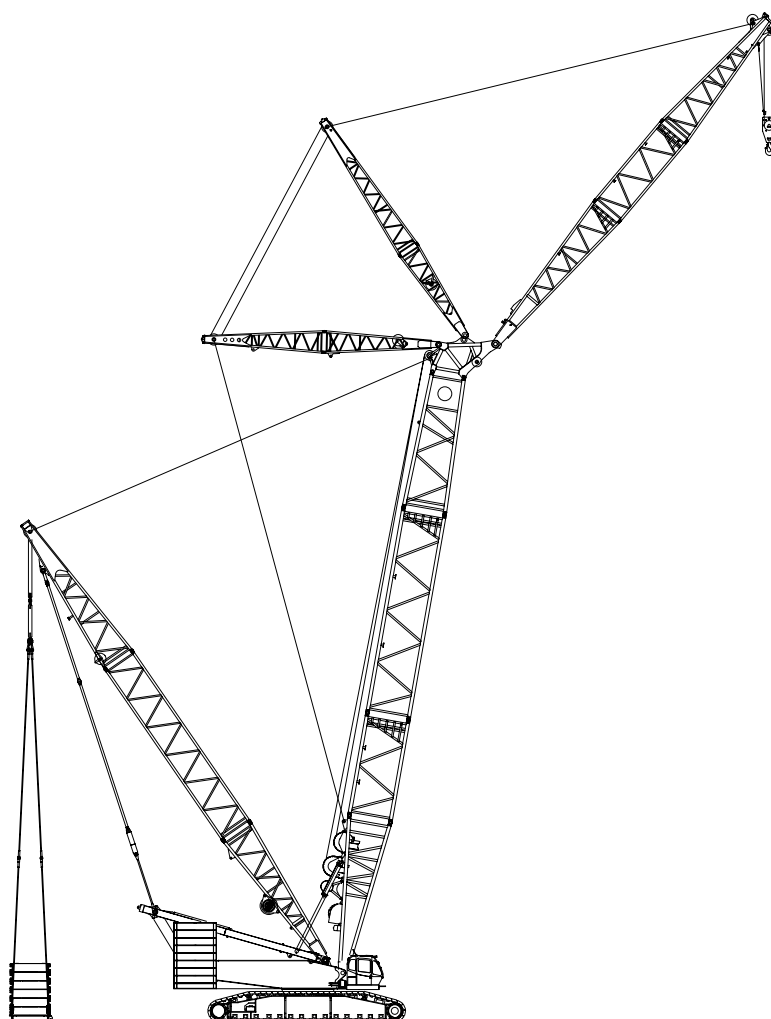
HOOK BLOCKS

Hooks	Weight	No. of sheaves
550 ton	9.1 t	22
300 ton	6.8 t	13
120 ton	4.5 t	5
70 ton	3.1 t	3
40 ton	2.0 t	1
Ball hook	0.8 t	0

LIFT ENHANCER



SHL CRANE

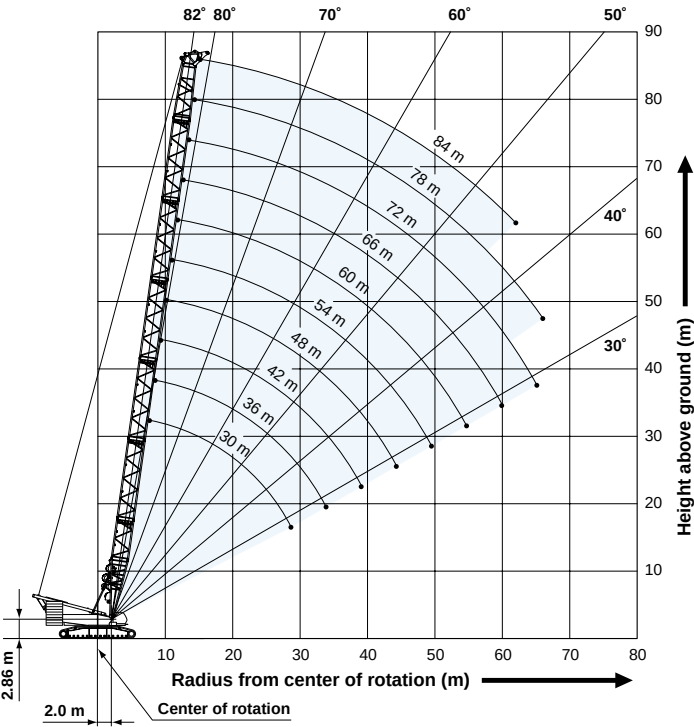


SHL LUFFING

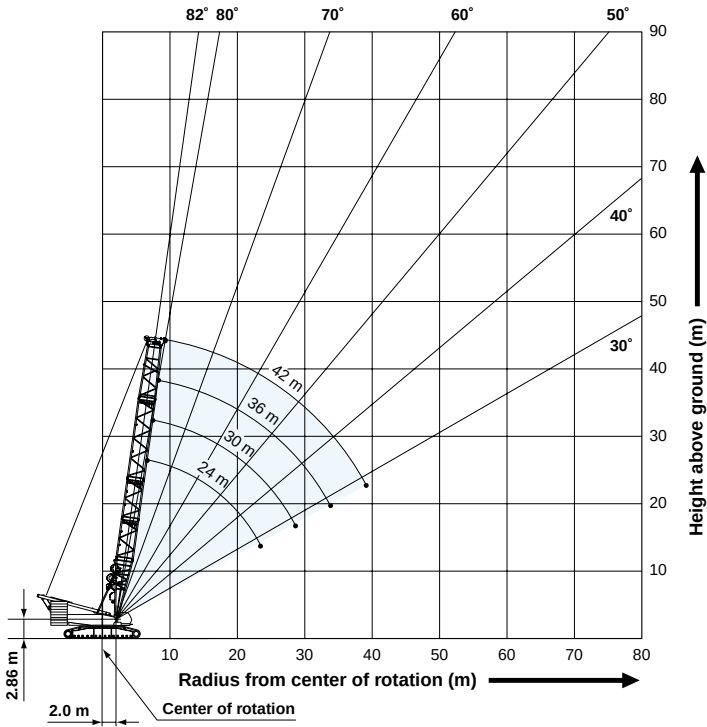
STANDARD

WORKING RANGES

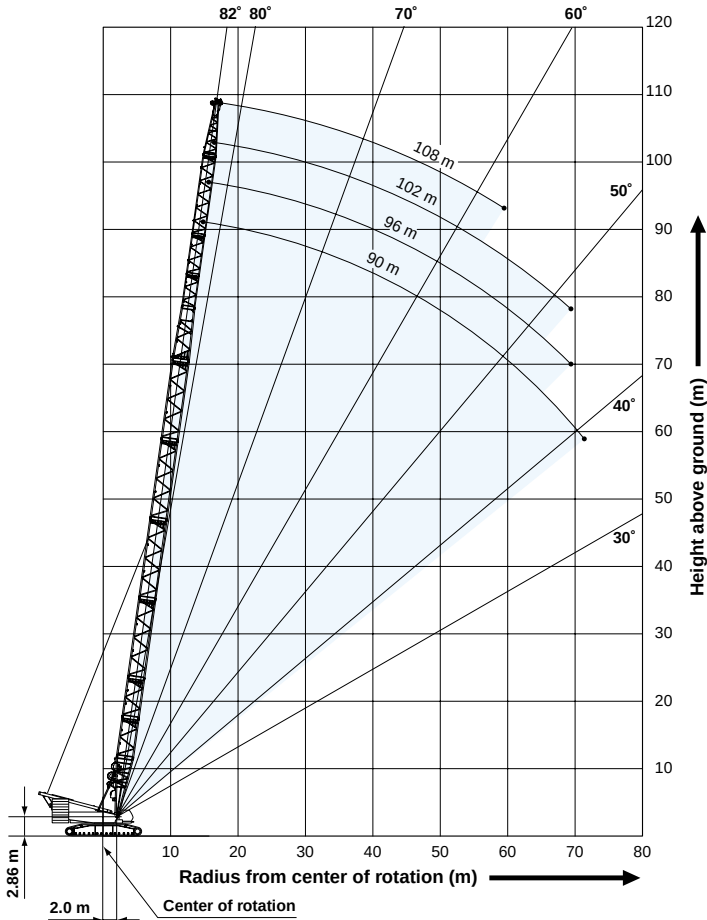
CRANE BOOM



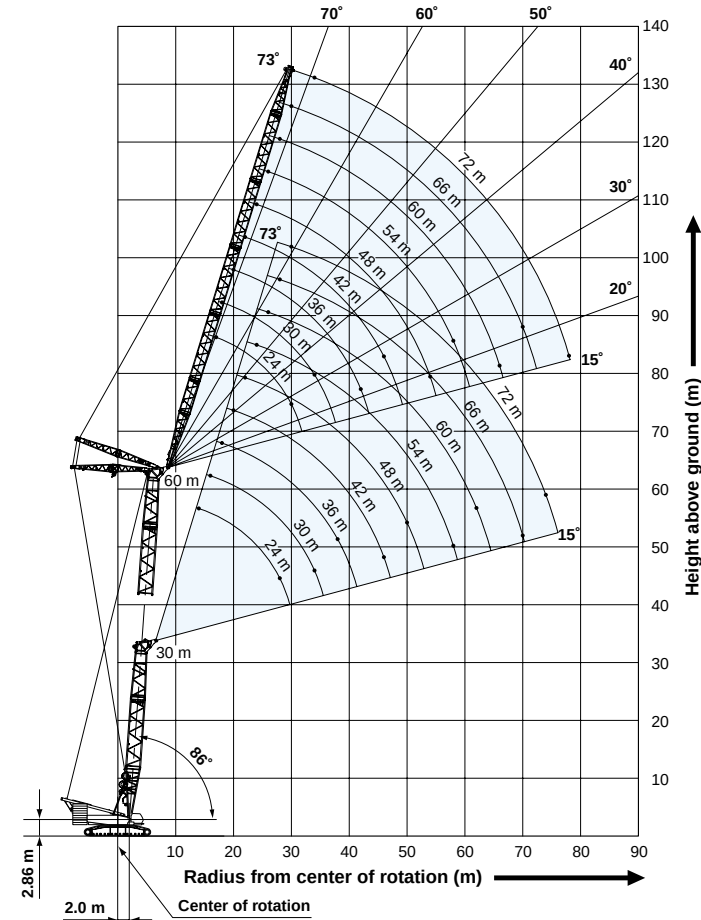
HEAVY DUTY CRANE BOOM



LONG BOOM



LUFFING JIB (Boom Angle 86°)



STANDARD

CRANE BOOM LIFTING CAPACITY

Unit: metric ton

Counterweight: 180.0 t, Carbody weight: 50.0 t											
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)
7.0	7.7 m/300.0										7.0
8.0	300.0	8.5 m/300.0									8.0
9.0	300.0	300.0	9.3 m/300.0								9.0
10.0	292.1	291.4	278.2	10.2 m/258.6	11.0 m/224.6	11.8 m/197.3					10.0
12.0	230.2	229.5	222.9	212.7	203.2	194.3	12.7 m/175.1	13.5 m/156.1			12.0
14.0	188.9	188.2	184.8	177.0	169.8	163.0	156.5	149.9	14.3 m/140.3	15.2 m/126.4	14.0
16.0	157.8	157.6	156.9	150.7	145.0	139.4	134.1	128.6	123.8	119.0	16.0
18.0	132.4	132.1	131.4	130.5	125.7	121.0	116.5	111.9	107.8	103.6	18.0
20.0	113.4	113.0	112.3	111.8	110.3	106.2	102.4	98.3	94.7	91.1	20.0
22.0	98.6	98.3	97.5	96.9	96.4	94.2	90.7	87.0	83.9	80.6	22.0
24.0	86.9	86.5	85.7	85.1	84.6	83.9	81.0	77.6	74.8	71.8	24.0
26.0	77.3	76.9	76.1	75.5	74.9	74.2	72.7	69.6	67.0	64.2	26.0
28.0	69.4	68.9	68.1	67.4	66.8	66.1	65.4	62.7	60.3	57.7	28.0
30.0	28.7 m/66.8	62.2	61.4	60.7	60.1	59.3	58.6	56.7	54.4	52.0	30.0
34.0		33.9 m/51.7	50.7	49.9	49.3	48.4	47.7	46.7	44.7	42.4	34.0
38.0			42.6	41.8	41.0	40.2	39.4	38.4	37.0	34.9	38.0
42.0			39.1 m/40.7	35.4	34.6	33.7	32.7	31.4	30.4	28.7	42.0
46.0				44.3 m/32.3	29.5	28.3	27.2	25.9	24.8	23.6	46.0
50.0					49.5 m/25.7	23.8	22.6	21.3	20.2	19.0	50.0
54.0						20.6	18.9	17.5	16.4	15.1	54.0
58.0						54.7 m/19.6	15.7	14.3	13.1	11.9	58.0
62.0							59.9 m/14.4	11.6	10.3	8.8	62.0
66.0								65.1 m/9.7	7.6		66.0

Note:
Designed and rated to comply with ASME Code B30.5 and EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.

HEAVY DUTY CRANE BOOM LIFTING CAPACITY

Unit: metric ton

Counterweight: 180.0 t, Carbody weight: 50.0 t					
Working Radius (m)	24.0	30.0	36.0	42.0	Working Radius (m)
6.0	6.7 m/450.0				6.0
7.0	425.0	7.5 m/390.0			7.0
8.0	375.0	365.0	8.3 m/340.0		8.0
9.0	330.0	325.0	322.0	9.2 m/311.7	9.0
10.0	294.0	292.0	290.0	280.1	10.0
12.0	233.3	232.8	232.1	225.0	12.0
14.0	192.0	191.5	190.7	187.0	14.0
16.0	158.7	158.8	158.9	158.6	16.0
18.0	133.3	133.3	133.4	133.1	18.0
20.0	114.4	114.4	114.3	114.0	20.0
22.0	97.4	97.3	97.2	97.1	22.0
24.0		87.0	86.9	86.4	24.0
26.0		78.5	78.3	77.8	26.0
28.0		70.7	70.4	69.8	28.0
30.0		28.6 m/68.5	63.7	63.1	30.0
34.0			33.8 m/53.5	52.4	34.0
38.0				44.4	38.0
42.0				39.0 m/42.6	42.0

Note:
Designed and rated to comply with ASME Code B30.5 and EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.

LONG BOOM LIFTING CAPACITY

Unit: metric ton

Counterweight: 180.0 t, Carbody weight: 50.0 t					
Working Radius (m)	90.0	96.0	102.0	108.0	Working Radius (m)
14.0	15.0 m/98.0	15.8 m/84.0			14.0
16.0	96.0	83.7	16.6 m/70.0	17.5m /60.0	16.0
18.0	93.0	81.1	68.5	58.8	18.0
20.0	90.0	78.5	66.3	55.1	20.0
22.0	81.1	76.0	64.2	51.4	22.0
24.0	72.6	70.8	62.1	48.4	24.0
26.0	64.9	64.2	60.0	45.4	26.0
28.0	58.4	58.3	57.3	42.9	28.0
30.0	52.9	52.8	51.3	40.4	30.0
34.0	44.1	43.3	42.1	36.7	34.0
38.0	37.0	35.8	35.1	33.2	38.0
42.0	31.0	30.2	29.7	28.6	42.0
46.0	26.0	25.4	24.9	22.6	46.0
50.0	21.8	21.3	20.8	17.3	50.0
54.0	18.1	17.6	17.1	12.7	54.0
58.0	14.8	14.4	14.0	8.7	58.0
62.0	12.0	11.6	11.1	60.0m /6.8	62.0
66.0	9.5	9.0	8.5		66.0
70.0	7.2	6.7	6.2		70.0
72.0	6.2				72.0

Note:
Designed and rated to comply with ASME Code B30.5 and EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.

STANDARD

LUFFING JIB LIFTING CAPACITY

Unit: metric ton

Counterweight: 180.0 t, Carbody weight: 50.0 t

Boom length (m)		30.0										36.0										Boom length (m)	
Jib length (m)		24.0		42.0		54.0		66.0		72.0		24.0		42.0		54.0		66.0		72.0		Jib length (m)	
Boom angle		86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	Boom angle	
Working Radius (m)	14.0	184.0										15.0m/167.8										14.0	
	16.0	160.5										157.0										16.0	
	18.0	141.6										139.4										18.0	
	20.0	125.3		111.6								124.3		111.0								20.0	
	22.0	112.2		107.1								111.3		103.7								22.0	
	24.0	100.1		97.9		85.2						99.8		95.0		84.7						24.0	
	26.0	89.8		89.3		85.2						89.6		87.6		82.7						26.0	
	28.0	81.3		80.9		78.9		67.3				81.1		80.7		76.6		66.8				28.0	
	30.0			73.8		73.1		67.3		60.2		73.8		73.6		71.3		66.8		59.7		30.0	
	34.0		54.9	62.5		61.9		60.4		58.7				62.4		61.5		58.7		57.0		34.0	
	38.0		47.3	54.0		53.3		52.2		51.8		45.4	53.8		53.0		51.9		50.3			38.0	
	42.0			47.2		46.6		45.5		45.1		39.6	47.1		46.3		45.2		44.9			42.0	
	46.0			41.8	35.1	41.2		40.1		39.4				41.7	33.5	40.9		39.8		39.2		46.0	
	50.0				31.3	36.7	30.2	34.6		33.0					29.8	36.5		34.4		32.8		50.0	
	54.0				28.1	32.7	27.0	29.5		27.8					26.7	32.4	25.1	29.2		27.5		54.0	
	58.0					28.5	24.2	25.2	21.9	23.5					24.0	28.1	22.4	24.9		23.1		58.0	
	62.0						21.9	21.6	19.5	19.8	18.3						20.1	21.2	17.7	19.4		62.0	
	66.0						19.9	18.6	17.5	16.7	16.3						18.1	18.1	15.8	16.3	14.5	66.0	
	70.0							16.1	15.8	14.1	14.5						16.3	15.5	14.1	13.6	12.8	70.0	
	74.0								14.3	11.9	13.0								12.7	11.3	11.4	74.0	
	78.0								13.0		11.7								11.3		10.1	78.0	
	82.0										10.6								10.1		9.1	82.0	
	86.0										9.8										8.2	86.0	

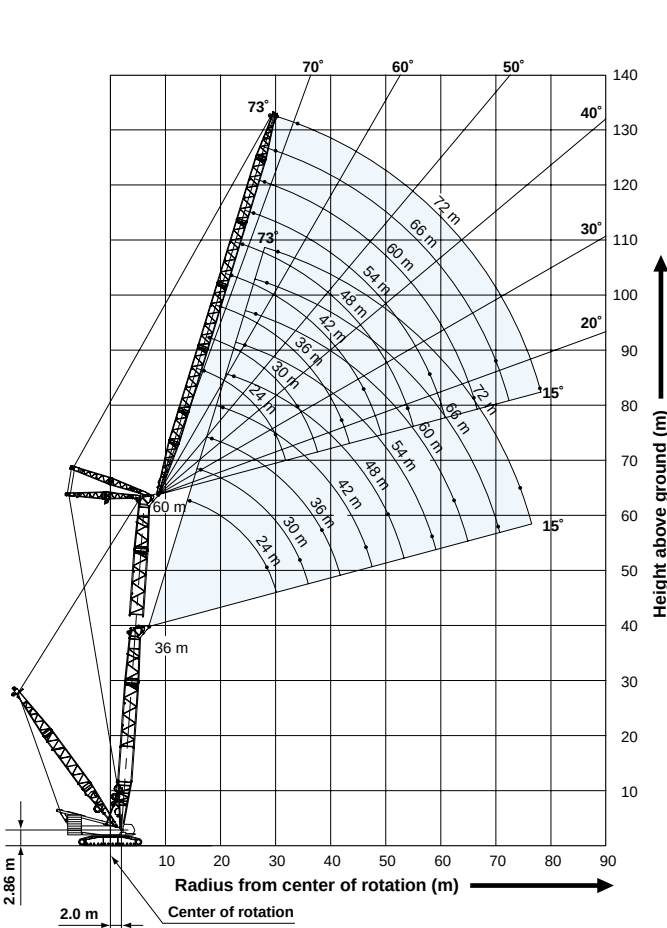
Boom length (m)		42.0										48.0										Boom length (m)	
Jib length (m)		24.0		42.0		54.0		66.0		72.0		24.0		42.0		54.0		66.0		72.0		Jib length (m)	
Boom angle		86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	Boom angle	
Working Radius (m)	14.0	15.0m/159.9																				14.0	
	16.0	151.0										145.2										16.0	
	18.0	134.4										129.6										18.0	
	20.0	121.0										116.9										20.0	
	22.0	110.0		96.6								106.4		96.0								22.0	
	24.0	99.3		92.1		84.1						97.7		89.1		82.4						24.0	
	26.0	89.1		85.0		80.2						88.8		82.3		77.6						26.0	
	28.0	80.6		78.8		74.4		66.3				80.3		76.4		72.0		65.7				28.0	
	30.0	73.4		73.4		69.2		65.1		59.2		73.2		71.2		67.1		63.0		58.6		30.0	
	34.0			62.2		60.7		57.0		55.3				61.8		58.9		55.2		53.5		34.0	
	38.0		43.1	53.7		52.7		50.4		48.9				53.3		51.9		48.8		47.3		38.0	
	42.0		37.6	47.0		46.0		44.9		43.5		35.2	46.6		45.4		43.6		42.2		42.0		
	46.0			41.6		40.6		39.5		38.7		30.9	41.2		40.2		39.2		37.9		46.0		
	50.0				27.8	36.2		34.0		32.4					25.0	35.9		33.5		31.9		50.0	
	54.0				24.8	32.0		28.8		27.1					22.2	31.4		28.3		26.6		54.0	
	58.0				22.2	27.7	20.1	24.4		22.7					19.7	27.1	17.6	23.9		22.2		58.0	
	62.0				19.9		17.9	20.8	15.8	19.0					17.6		15.6	20.2		18.4		62.0	
	66.0						16.0	17.6	13.9	15.8	12.6						13.8	17.1	11.7	15.2		66.0	
	70.0						14.3	15.0	12.3	13.1	11.0						12.2	14.4	10.1	12.5	9.1	70.0	
	74.0						12.9		10.8	10.8	9.6						10.9		8.8	10.2	7.8	74.0	
	78.0								9.5		8.4								7.6		6.7	78.0	
	82.0								8.4		7.4								6.5			82.0	
	86.0										6.6											86.0	
	90.0										5.7											90.0	

Boom length (m)		54.0										60.0										Boom length (m)		
Jib length (m)		24.0		42.0		54.0		66.0		72.0		24.0		42.0		54.0		66.0		72.0		Jib length (m)		
Boom angle		86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	Boom angle		
Working Radius (m)	16.0	139.5										17.0m/126.9										16.0	Working Radius (m)	
	18.0	124.8										120.1										18.0		
	20.0	112.8										108.7										20.0		
	22.0	102.8		93.7								99.3		90.4								22.0		
	24.0	94.5		86.1								91.3		83.2								24.0		
	26.0	87.3		79.6		74.0						84.5		77.0		72.4						26.0		
	28.0	80.0		74.0		69.7		64.2				78.6		71.5		67.3						28.0		
	30.0	72.8		69.0		65.0		60.9		58.1		72.5		66.7		62.8		58.3				30.0		
	34.0			60.6		57.0		53.4		51.7				58.7		55.2		51.5		47.7		34.0		
	38.0			52.9		50.6		47.2		45.8				52.3		49.0		45.6		44.2		38.0		
	42.0				32.1	46.2		45.2		42.2		40.8			45.8		43.9		40.7		39.4			42.0
	46.0			28.1	40.9		39.9		37.9		36.6		25.1	40.5		39.6		36.6		35.3		46.0		
	50.0					35.5		32.7		31.2		22.0				34.8		31.7		30.1		50.0		
	54.0					19.5	30.7		27.6		25.9					29.8		26.7		25.0		54.0		
	58.0					17.2	26.4		23.2		21.5				14.4	25.6		22.4		20.7		58.0		
	62.0					15.2		13.1	19.6		17.8				12.7		10.9	18.8		17.1		62.0		
	66.0					13.6		11.5	16.5		14.6				11.1		9.4	15.8		14.0		66.0		
	70.0							10.0	13.8		11.9						8.0	13.1		11.3		70.0		
	74.0								8.8		9.6							6.9			9.0			74.0
78.0								7.7												7.0		78.0		
82.0																						82.0		
86.0																						86.0		

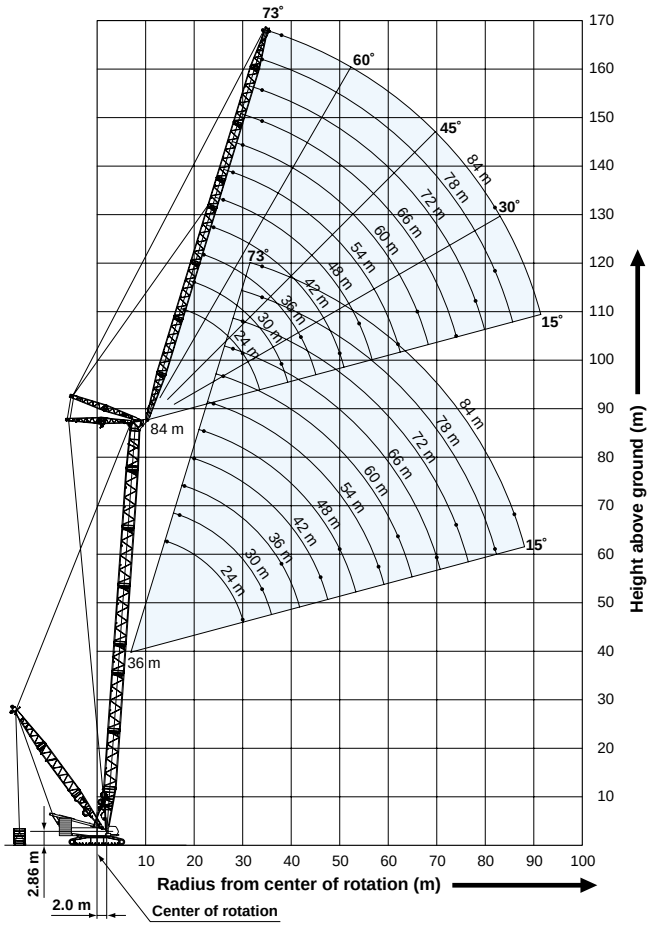
HEAVY LIFT/SUPER HEAVY LIFT

WORKING RANGES

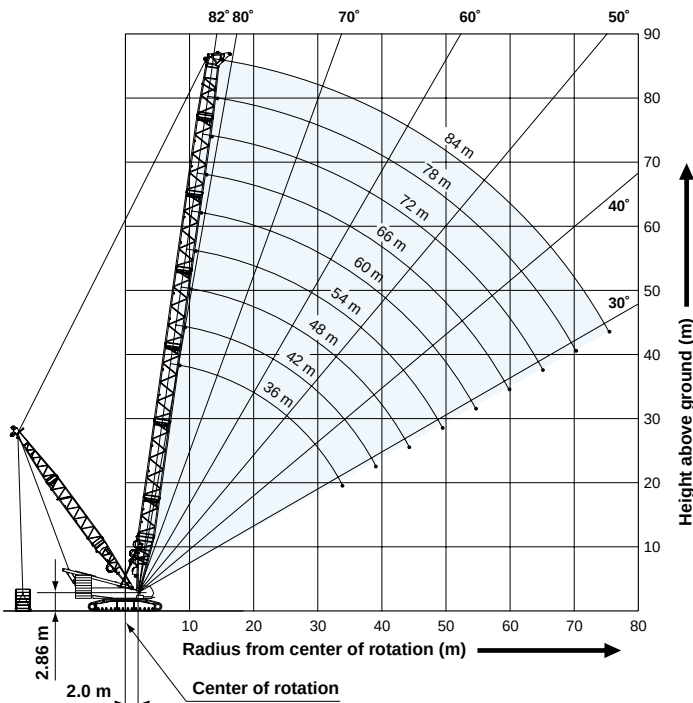
HL LUFFING JIB (Boom Angle 86°)



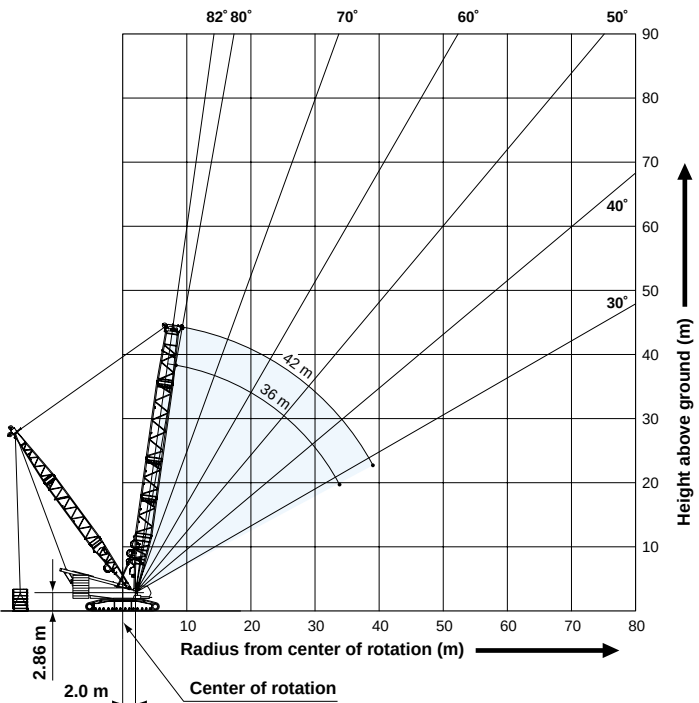
SHL LUFFING JIB (Boom Angle 86°)



SHL CRANE BOOM



SHL HEAVY DUTY CRANE BOOM



HEAVY LIFT

LUFFING JIB LIFTING CAPACITY

Unit: metric ton

Counterweight: 180.0 t, Carbody weight: 50.0 t, HL mast point radius: 16 m

Boom length (m)		36.0										42.0										Boom length (m)	
Jib length (m)		24.0		42.0		54.0		66.0		72.0		24.0		42.0		54.0		66.0		72.0		Jib length (m)	
Boom angle		86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	Boom angle	
Working Radius (m)	14.0	14.4m/200.0										15.0m/185.7										14.0	
	16.0	181.9										175.9										16.0	
	18.0	159.4										156.3										18.0	
	20.0	141.1		132.7								140.0										20.0	
	22.0	126.4		120.5								125.4		116.7								22.0	
	24.0	114.4		110.2		101.5						113.5		106.9		94.1						24.0	
	26.0	103.2		101.4		96.5						102.7		98.4		93.1						26.0	
	28.0	93.9		92.1		89.3		76.0				93.4		91.2		86.7		74.9				28.0	
	30.0	85.9		84.3		83.0		74.1		64.3		85.5		83.8		80.6		73.6		61.0		30.0	
	34.0			71.7		70.9		68.8		60.0				71.3		70.4		66.9		58.9		34.0	
	38.0		54.8	62.2		61.3		60.2		54.2		52.5	61.8		60.9		59.1		54.0		38.0		
	42.0		48.2	54.7		53.8		52.7		49.3		46.1	54.3		53.4		52.3		48.9		42.0		
	46.0			48.7	40.4	47.7		46.6		45.1			48.4		47.4		46.3		45.0		46.0		
	50.0				36.2	42.7		41.6		41.1				34.1	42.4		41.3		40.8		50.0		
	54.0				32.6	38.6	30.5	37.4		36.9				30.9	38.3		37.1		36.7		54.0		
	58.0				29.7	35.1	28.3	33.8		33.4				28.0	34.8	25.7	33.5		33.1		58.0		
	62.0						25.7	30.8	22.8	30.3				25.6		24.1	30.5	20.9	30.0		62.0		
	66.0						23.5	28.2	22.0	27.7	19.4						22.0	27.9	20.5	27.4	17.4	66.0	
	70.0						21.6	25.9	20.0	25.4	19.4						20.2	25.7	18.6	25.1	17.4	70.0	
	74.0								18.3	23.4	17.7						18.6		17.0	23.1	16.3	74.0	
	78.0								16.8		16.2								15.5		14.8	78.0	
	82.0								15.5		14.9								14.3		13.5	82.0	
	86.0										13.7										12.3	86.0	
	90.0																				11.2	90.0	

Boom length (m)		54.0										60.0										Boom length (m)	
Jib length (m)		24.0		42.0		54.0		66.0		72.0		24.0		42.0		54.0		66.0		72.0		Jib length (m)	
Boom angle		86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	Boom angle	
Working Radius (m)	16.0	163.1										17.0m/148.6										16.0	
	18.0	145.5										140.3										18.0	
	20.0	131.2										126.7										20.0	
	22.0	119.3		109.3								115.4		103.2								22.0	
	24.0	109.4		100.2								105.9		97.0								24.0	
	26.0	101.0		92.5		80.7						97.8		89.5		76.5						26.0	
	28.0	92.4		85.7		78.2		63.1				90.8		83.0		74.2						28.0	
	30.0	84.5		79.8		75.6		61.8		55.1		84.0		77.3		71.7		58.2				30.0	
	34.0			69.9		66.5		58.7		52.9				67.8		64.4		55.3		49.4		34.0	
	38.0			60.9		58.9		55.2		50.3				60.2		57.1		52.1		47.0		38.0	
	42.0		41.4	53.5		52.6		49.6		47.5				53.1		51.0		48.1		44.3		42.0	
	46.0		36.7	47.6		46.7		44.6		43.4		34.5	47.1		46.0		43.2		41.6			46.0	
	50.0					41.7		40.3		39.2		30.7				41.3		39.0		37.9		50.0	
	54.0				26.7	37.6		36.5		35.5						37.2		35.4		34.4		54.0	
	58.0				24.3	34.2		33.0		32.4				21.7	33.8		32.3		31.3			58.0	
	62.0				22.0		19.0	30.0		29.5				19.7		16.8	29.6		28.6			62.0	
	66.0				20.1		18.2	27.4		26.9				18.0		15.6	27.1		26.3			66.0	
	70.0						16.6	25.1	12.6	24.6						14.1	24.8	10.5	24.2			70.0	
	74.0						15.2		12.6	22.6	9.8					12.8		10.3	22.4			74.0	
	78.0						14.1		11.4		9.8					11.7		9.1	20.6			78.0	
	82.0								10.3		9.3							8.1				82.0	
	86.0								9.3		8.3								7.2			86.0	
	90.0								8.6		7.4								6.5			90.0	
	94.0										6.7											94.0	

Boom length (m)		66.0* (See notes)										78.0* (See notes)						Boom length (m)	
Jib length (m)		24.0		42.0		54.0		66.0		72.0		30.0		36.0		42.0		Jib length (m)	
Boom angle		86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	Boom angle	
Working Radius (m)	16.0	17.0m/143.0																16.0	
	18.0	135.1																18.0	
	20.0	122.2										104.5						20.0	
	22.0	111.4		95.3								99.2		91.2				22.0	
	24.0	102.3		91.5								92.1		87.0		77.9		24.0	
	26.0	94.5		86.5		71.3						85.1		82.7		74.7		26.0	
	28.0	87.8		80.3		68.1						79.0		77.0		71.3		28.0	
	30.0	82.0		74.8		66.6		55.1				73.7		71.8		68.0		30.0	
	34.0			65.6		61.6		52.2		46.4		64.8		63.1		61.1		34.0	
	38.0			58.2		55.2		49.0		44.0		58.0		56.1		54.2		38.0	
	42.0			52.2		49.3		45.7		41.4				50.5		48.6		42.0	
	46.0			46.7		44.5		41.7		38.8						44.0		46.0	
	50.0		28.0			40.3		37.6		36.2						40.3		50.0	
	54.0		25.4			36.9		34.2		33.1								54.0	
	58.0				18.4	33.4		31.2		30.1		14.5						58.0	
	62.0				16.6			28.6		27.5		12.9		11.8		10.4		62.0	
	66.0				15.0			26.3		25.3				10.5		9.0		66.0	
	70.0				13.7			24.4		23.3				9.4		7.9		70.0	
	74.0					10.2				21.5						7.0		74.0	
	78.0					9.1				20.1								78.0	
	82.0					8.3												82.0	

Note:
Designed and rated to comply with ASME Code B30.5 and EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.
*When erecting or lowering the boom length of 66 m or over, palette weight must be required.

SUPER HEAVY LIFT

CRANE BOOM LIFTING CAPACITY

Unit: metric ton

Counterweight: 180.0 t, Carbody weight: 50.0 t, Palette weight: 250.0 t x 16 m

Working Radius (m) \ Boom Length (m)	36.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	Working Radius (m) \ Boom Length (m)
8.0	8.5 m/300.0									8.0
9.0	300.0	9.3 m/300.0								9.0
10.0	300.0	300.0	10.2 m/300.0	11.0 m/280.0	11.8 m/280.0					10.0
12.0	300.0	300.0	300.0	280.0	280.0	12.7 m/280.0	13.5 m/252.0			12.0
14.0	300.0	300.0	300.0	280.0	280.0	280.0	252.0	14.3 m/213.5	15.2 m/182.8	14.0
16.0	300.0	300.0	300.0	280.0	280.0	280.0	252.0	213.5	182.8	16.0
18.0	300.0	300.0	300.0	280.0	280.0	280.0	252.0	213.5	182.8	18.0
20.0	300.0	300.0	300.0	280.0	280.0	280.0	252.0	213.5	182.8	20.0
22.0	277.5	276.6	275.6	274.4	273.5	272.2	252.0	213.5	182.8	22.0
24.0	248.9	251.3	251.0	250.2	249.7	248.4	247.1	213.5	182.8	24.0
26.0	223.0	228.6	228.3	227.5	227.1	226.1	225.1	213.5	182.8	26.0
28.0	199.8	209.5	209.1	208.3	207.8	206.8	205.8	205.0	182.8	28.0
30.0	177.0	193.0	192.6	191.9	191.3	190.3	189.3	188.5	182.5	30.0
34.0	33.9 m/136.8	161.9	165.9	165.1	164.5	163.5	162.5	161.6	160.5	34.0
38.0		130.7	145.1	144.3	143.7	142.7	141.6	140.8	139.6	38.0
42.0		39.1 m/122.1	123.2	127.6	127.0	126.0	124.9	124.0	122.9	42.0
46.0			44.3 m/109.1	113.1	113.4	112.3	111.2	110.4	109.2	46.0
50.0				49.5 m/97.3	102.0	100.9	99.8	99.0	97.8	50.0
54.0					90.0	91.3	90.2	89.3	88.2	54.0
58.0					54.7 m/87.2	83.0	81.9	81.1	79.9	58.0
62.0						59.9 m/77.8	74.7	73.9	72.7	62.0
66.0							65.1 m/69.4	67.6	66.4	66.0
70.0								62.0	60.9	70.0
74.0								70.3 m/61.7	55.9	74.0
78.0									75.5 m/54.2	78.0

Note:

Designed and rated to comply with ASME Code B30.5 and EN13000.

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

HEAVY DUTY CRANE BOOM LIFTING CAPACITY

Unit: metric ton

Working Radius (m) \ Boom Length (m)	36.0	42.0	Working Radius (m) \ Boom Length (m)
8.0	8.3 m/550.0		8.0
9.0	544.9	9.2 m/527.3	9.0
10.0	537.4	519.9	10.0
12.0	511.5	503.7	12.0
14.0	439.6	438.8	14.0
16.0	385.3	384.2	16.0
18.0	342.4	341.4	18.0
20.0	307.9	306.9	20.0
22.0	279.5	278.5	22.0
24.0	250.7	253.5	24.0
26.0	224.9	230.9	26.0
28.0	201.5	211.7	28.0
30.0	178.8	195.2	30.0
34.0	33.8 m/139.6	164.0	34.0
38.0		132.8	38.0
42.0		39.0 m/124.8	42.0

Counterweight: 180.0 t,
Carbody weight: 50.0 t,
Palette weight: 250.0 t x 16 m

Note:

Designed and rated to comply with ASME Code B30.5 and EN13000.

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

SUPER HEAVY LIFT

LUFFING JIB LIFTING CAPACITY

Unit: metric ton

Counterweight: 180.0 t, Carbody weight: 50.0 t, Palette weight: 130.0 t x 16 m

Boom length (m)		36.0										42.0										Boom length (m)	
Jib length (m)		24.0		42.0		60.0		78.0		84.0		24.0		42.0		60.0		78.0		84.0		Jib length (m)	
Boom angle		86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	Boom angle	
Working Radius (m)	14.0	14.4m/200.0										15.0m/193.1										14.0	
	16.0	181.9										187.1										16.0	
	18.0	169.5										177.2										18.0	
	20.0	163.4		139.6								169.7										20.0	
	22.0	158.1		133.8								164.4	127.7									22.0	
	24.0	155.5		126.8								158.2	122.6									24.0	
	26.0	145.9		120.7		87.0						146.3	117.2		81.8							26.0	
	28.0	129.4		115.5		85.4						132.6	111.8		80.1							28.0	
	30.0	98.3		111.2		83.6						108.4	106.2		78.1							30.0	
	34.0			104.4		79.5		54.8		48.4			95.3		73.7		52.0		46.2			34.0	
	38.0		105.7	89.9		74.8		53.1		47.2		102.9	85.2		68.9		50.2		44.9			38.0	
	42.0		94.6	78.0		69.9		51.2		45.8		92.1	76.4		63.9		48.1		43.3			42.0	
	46.0			64.8		82.3		64.9		49.0			67.6		59.1		45.8		41.6			46.0	
	50.0					74.8		60.1		46.6				72.6		54.5		43.1		39.7		50.0	
	54.0					68.4		55.2		44.6				66.4		50.1		41.1		37.2		54.0	
	58.0					63.0		51.7		59.1				61.1		46.4		38.8		34.7		58.0	
	62.0					43.6		55.5		39.7				56.5		42.9		36.5		32.5		62.0	
	66.0							51.4		37.4						49.7		34.3		30.4		66.0	
	70.0							47.8		35.1						46.2		32.2		28.6		70.0	
	74.0							44.6		31.6						43.1		30.3		26.9		74.0	
	78.0									28.5						40.3		28.5		25.3		78.0	
	82.0									23.5								24.7		21.5		82.0	
	86.0									33.7										17.6		86.0	
	90.0									30.8										30.3		90.0	
	94.0									27.8										28.4		94.0	
	98.0																				24.4	98.0	
	102.0																				23.3	102.0	

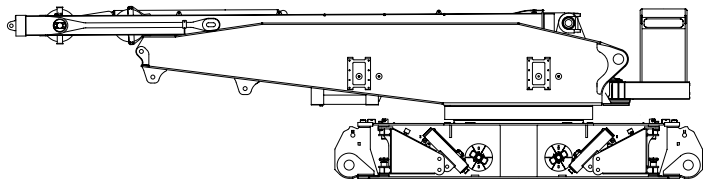
Boom length (m)		54.0										66.0										Boom length (m)	
Jib length (m)		24.0		42.0		60.0		78.0		84.0		24.0		42.0		60.0		78.0		84.0		Jib length (m)	
Boom angle		86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	Boom angle	
Working Radius (m)	16.0	194.2										17.0m/151.8										16.0	Working Radius (m)
	18.0	179.8										147.2										18.0	
	20.0	167.2										137.9										20.0	
	22.0	155.0		110.4								128.7		95.3								22.0	
	24.0	143.6		105.9								120.0		91.5								24.0	
	26.0	133.0		101.2								111.9		87.5								26.0	
	28.0	123.6		96.3		70.8						104.5		83.3		62.2						28.0	
	30.0	115.5		91.5		68.9						98.0		79.2		60.4						30.0	
	34.0			82.1		64.6		46.9		42.0				71.4		56.6		41.9				34.0	
	38.0			73.5		60.1		45.1		40.6				64.1		52.5		40.1		35.9		38.0	
	42.0		86.4	65.9		55.6		42.9		39.0				57.7		48.5		38.1		34.4		42.0	
	46.0		78.0	59.4		51.2		40.7		37.3				52.3		44.7		36.0		32.7		46.0	
	50.0					47.1		38.4		35.4			65.6			41.1		33.8		31.0		50.0	
	54.0				61.8	43.3		36.1		33.6			60.2			37.8		31.7		29.3		54.0	
	58.0				56.8	40.1		33.9		31.7				52.0		34.8		29.7		27.5		58.0	
	62.0				52.5	36.9		31.7		29.9					48.0	32.3		27.7		25.9		62.0	
	66.0				48.7	34.4	45.8	29.7		28.1					44.5	30.1		25.9		24.3		66.0	
	70.0						42.5	27.8		26.5							38.3	24.2		22.8		70.0	
	74.0						39.6	26.1	36.1	24.9							35.7	22.7		21.4		74.0	
	78.0						37.0	24.5	33.5	23.3	32.6						33.3	21.4		20.1		78.0	
	82.0						34.6	23.0		31.2	18.6	30.3					31.1	19.6	27.5	15.6		82.0	
	86.0								29.2	14.6	28.3						29.2		25.6	11.6	24.7	86.0	
	90.0								27.3		26.4								23.9	8.3	23.0	90.0	
	94.0								25.5		24.7								22.3		21.4	94.0	
	98.0								24.0		23.1								20.9		20.0	98.0	
	102.0								22.5		21.7								19.5		18.7	102.0	
	106.0										20.3								18.3		17.4	106.0	
	110.0																				16.3	110.0	

Boom length (m)		78.0										84.0										Boom length (m)	
Jib length (m)		30.0		42.0		60.0		78.0		84.0		36.0		42.0		60.0		78.0		84.0		Jib length (m)	
Boom angle		86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	86°	66°	Boom angle	
Working Radius (m)	20.0	104.5																				20.0	Working Radius (m)
	22.0	99.2										85.4										22.0	
	24.0	93.8		77.9								81.7		75.6								24.0	
	26.0	88.5		74.7								77.5		72.6								26.0	
	28.0	83.4		71.3		54.3						72.1		69.5								28.0	
	30.0	78.6		68.0		52.7						67.2		65.9		48.8						30.0	
	34.0	69.5		61.6		49.4		37.0				58.6		58.8		45.8		34.0				34.0	
	38.0	59.8		55.6		45.9		35.3		31.6		51.4		51.9		42.7		32.5		29.7		38.0	
	42.0			50.4		42.4		33.5		30.2		45.0		45.9		39.5		30.8		28.4		42.0	
	46.0			45.8		39.1		31.6		28.6				40.7		36.5		29.0		26.9		46.0	
	50.0			42.2		36.1		29.7		27.1				35.8		33.7		27.3		25.4		50.0	
	54.0					33.2		27.8		25.5						31.2		25.5		23.9		54.0	
	58.0		48.9			30.7		26.0		24.0						28.9		23.9		22.5		58.0	
	62.0		45.2			28.5		24.3		22.5						26.2		22.4		21.2		62.0	
	66.0					39.7		26.6		22.7		21.1				24.1		20.9		19.9		66.0	
	70.0					36.9				21.2		19.8						19.6		18.6		70.0	
	74.0					34.4				31.2		19.9						18.4		17.5		74.0	
	78.0							29.1		18.7		16.3						17.3		14.2		78.0	
	82.0							27.1		15.6		12.1						13.5		10.2		82.0	
	86.0							25.4			21.7		8.4										
90.0							23.8			20.1			19.3									90.0	
94.0							22.3			18.7			19.2									94.0	
98.0										17.4			17.8									98.0	
102.0										16.2			16.5									102.0	
106.0										15.1			15.3									106.0	
110.0										14.1			14.2									110.0	
114.0													13.2									114.0	

TRANSPORTATION

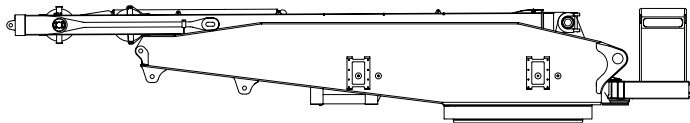
Base Machine

Condition 1 :
With
Lower Trans-lifter



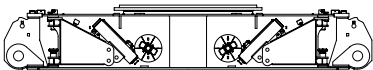
Weight 64.0 t
Width 3.0 m
Height 3.4 m
(Machine)

Condition 2 :
With
Quick connection



Weight 45.3 t
Width 3.0 m
Height 2.4 m
(Machine)

With
Lower Trans-lifter
Quick connection

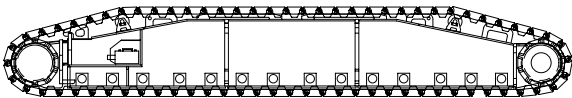


Weight 22.6 t
Width 3.0 m

Upper trans-lifter and quick connection device is an optional item.

Crawler

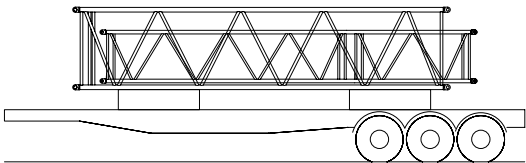
With
1 x Crawler frame
and shoes



Weight 40.0 t
Width 1.9 m

Attachments

With
1 x 12 m insert boom
1 x 12 m insert jib
2 x Counterweights



Weight 29.3 t
Width 3.0 m
Height 2.9 m
(Boom)



HYDRAULIC CRAWLER CRANE

SL6000

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