

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	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	
	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		

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.