

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

CAPACITIES FOR VARIOUS BOOM LENGTHS, BOOM ANGLES, LUFFING JIB LENGTHS, AND LUFFING JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND ARE CALCULATED TO COMPLY WITH DIN 15018, ISO 4305, AND NEN 2022 STANDARDS AND INCLUDE FACTORS BASED ON 4.5 DEGREE MINIMUM TIPPING ANGLE. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*). CAPACITIES INDICATED BY (b) REQUIRE 1 200 kg MINIMUM BLOCK WEIGHT.

LOWER BOOM POINT ASSEMBLY MUST BE COMPLETELY REMOVED ON 51.8m BOOM LENGTH.

WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM AND LUFFING JIB POINT SHEAVES, IS CONSIDERED PART OF LUFFING JIB LOAD. BOOM AND LUFFING JIB ARE NOT TO BE LOWERED BEYOND RADII WHERE COMBINED WEIGHTS ARE GREATER THAN RATED CAPACITY. WHERE NO CAPACITY IS SHOWN, OPERATION IS NOT INTENDED OR APPROVED.

MACHINE TO OPERATE ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH CRAWLERS FULLY EXTENDED, GANTRY UP AND BEARING TURNABLE LEVEL WITHIN A TOLERANCE OF 13 mm IN 3m AND PROPERLY SUPPORTED. DURING OPERATION, BOOM MUST BE MAINTAINED AT ONE OF THE SELECTED ANGLES SHOWN IN CHART. REFER TO LUFFING JIB ASSEMBLY NO. 177063 OR NO. 177354, WIRE ROPE SPECIFICATION CHART NO. 7863-A AND LUFFING JIB RAISING PROCEDURE CHART NO. 7867-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, TRAVEL, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

MACHINE MAY BE OPERATED IN WINDS UP TO 10 m/s PROVIDED CRANE OPERATOR JUDGMENT IS USED TO ALLOW FOR WIND EFFECT ON LIFTED LOAD AND OTHER CONSIDERATIONS NOTED ON CAPACITY CHART ARE FOLLOWED. A SURFACE AREA OF 1.2 m²/t OF RATED LOAD HAS BEEN INCLUDED IN CAPACITY DETERMINATION. WIND WILL HAVE A CONSIDERABLE EFFECT ON A LOAD. LOADS WITH A SURFACE AREA GREATER THAN 1.2 m²/t OF RATED LOAD MUST BE COMPENSATED FOR ACCORDINGLY BY REDUCING LOAD RATINGS, REDUCING OPERATING SPEEDS OR BY A COMBINATION OF BOTH. RECOMMEND STOPPING OPERATION WHEN WIND IS ABOVE 10 m/s AND LOWERING BOOM AND LUFFING JIB TO GROUND WHEN WIND IS ABOVE 22 m/s.

MACHINE TO TRAVEL ON A FIRM, LEVEL AND UNIFORMLY SUPPORTING SURFACE WITH BOOM AND LUFFING JIB WITHIN ANGLE RANGE SHOWN IN CAPACITY CHART.

OPERATING RADIUS IS HORIZONTAL DISTANCE FROM AXIS OF ROTATION TO CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS ANGLE BETWEEN HORIZONTAL AND CENTERLINE OF BOOM BUTT AND INSERTS. LUFFING JIB ANGLE IS ANGLE BETWEEN HORIZONTAL AND CENTERLINE OF LUFFING JIB BUTT AND INSERTS, AND IS AN INDICATION OF OPERATING RADIUS. IN ALL CASES, OPERATING RADIUS SHALL GOVERN CAPACITY. LUFFING JIB POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF LUFFING JIB POINT SHAFT.

MACHINE EQUIPPED WITH 8 585 mm EXTENDIBLE CRAWLERS, 1 219 mm TREADS, 3 124 mm RETRACTABLE GANTRY, 9 144 mm LIVE MAST, 20 PART BOOM HOIST REEVING, FOUR 35 mm BOOM PENDANTS, 8 PART LUFFING JIB HOIST REEVING, TWO 38 mm LUFFING JIB PENDANTS AND BACKSTAYS, AND 65 360 kg COUNTERWEIGHT.

CONSULT CHART NO. 7875-AM FOR LIFTING OFF LOWER BOOM POINT WITH LUFFING JIB ATTACHED.

FOR WINDS GREATER THAN 6 m/s, DO NOT OPERATE LUFFING JIB LENGTHS ABOVE THE FOLLOWING LUFFING JIB ANGLES OR LUFFING JIB MAY COME OVER BACKWARDS WITH ONLY THE LOAD BLOCK.

LUFFING JIB LENGTH - METERS	MAXIMUM LUFFING JIB ANGLE
21.3	55 DEGREES
24.4	60 DEGREES
27.4 - 30.5	65 DEGREES
33.5 - 42.7	70 DEGREES

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EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

21.3m (70 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	64.3	43.0	46 100*b																			12.2
14.0	58.8	42.0	43 500*b	64.5	42.8	46 900b																14.0
16.0	52.3	40.6	41 700*b	58.4	41.7	40 900b	61.8	42.1	40 000b													16.0
18.0	45.2	38.9	38 100	51.8	40.3	36 300	55.5	40.9	35 400b													18.0
20.0	37.0	36.6	33 800*	44.6	38.5	32 600	48.7	39.4	31 700	54.8	40.3	30 400b										20.0
22.0	26.8	33.4	28 700*	36.3	36.2	29 200	41.0	37.4	28 500	47.9	38.7	27 300	54.0	39.5	26 200b							22.0
24.0				25.9	32.9	26 100	32.0	34.7	25 500	40.2	36.7	24 400	47.1	37.9	23 400							24.0
26.0										31.0	33.9	22 000	39.2	35.8	21 100							26.0
28.0										18.0	29.5	20 000	29.7	32.8	19 100	45.9	36.8	20 100				28.0
30.0													15.8	28.1	17 500	37.9	34.6	18 300	44.5	35.6	17 500	30.0
32.0																28.0	31.5	16 700	36.2	33.2	16 000	32.0
																12.4	26.1	15 300	25.8	29.9	14 600	

21.3m (70 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	67.7	46.3	43 100*b																			12.2
14.0	63.1	45.5	40 500*b	67.8	46.1	44 200b																14.0
16.0	57.7	44.4	38 700*b	62.7	45.2	40 200b	65.5	45.5	39 100b													16.0
18.0	51.9	42.9	36 300*	57.2	44.1	35 500	60.3	44.5	34 500b													18.0
20.0	45.6	41.2	33 300	51.5	42.6	31 800	54.7	43.2	31 000	59.7	44.0	29 700b										20.0
22.0	38.6	39.0	29 900*	45.2	40.8	28 800	48.7	41.7	28 100	54.1	42.6	26 800										22.0
24.0	30.3	36.1	26 400*	38.1	38.6	26 000	42.1	39.7	25 400	48.1	41.0	24 200	53.4	41.9	23 200							24.0
26.0				29.6	35.6	23 400	34.5	37.2	22 800	41.4	39.0	21 800	47.3	40.2	20 900	52.5	40.9	19 900				26.0
28.0				18.0	31.1	20 700	25.0	33.7	20 800	33.7	36.4	19 800	40.5	38.1	18 900	46.3	39.1	18 100				28.0
30.0										23.9	32.8	18 100	32.6	35.4	17 300	39.4	37.0	16 500				30.0
32.0										5.0	25.0	16 600	22.5	31.6	15 900	31.3	34.2	15 100	38.0	35.6	14 400	32.0
34.0																20.5	30.1	14 000	29.5	32.6	13 300	34.0
36.0																			17.8	28.1	12 300	36.0

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65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

21.3m (70 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	70.3	49.6	37 800*b																			12.2
14.0	66.3	48.9	35 600*b																			14.0
16.0	61.6	47.9	34 100*	65.9	48.6	36 400*b																16.0
18.0	56.7	46.7	32 000*	61.2	47.6	34 300*	63.8	48.0	33 900													18.0
20.0	51.6	45.3	30 300*	56.4	46.4	31 200	59.1	46.9	30 400													20.0
22.0	46.0	43.5	28 800*	51.2	44.9	28 300	54.1	45.6	27 500	58.6	46.3	26 300										22.0
24.0	39.9	41.4	26 600*	45.6	43.2	25 800	48.7	44.0	25 100	53.6	45.0	23 900										24.0
26.0	32.8	38.6	23 800*	39.4	41.0	23 300	42.9	42.0	22 700	48.2	43.3	21 700	52.9	44.2	20 700							26.0
28.0	24.1	34.9	20 900*	32.3	38.2	21 200	36.3	39.6	20 600	42.3	41.4	19 700	47.5	42.5	18 800							28.0
30.0				23.3	34.4	19 400	28.6	36.5	18 800	35.6	38.9	18 000	41.5	40.5	17 200	46.6	41.4	16 400				30.0
32.0				7.5	27.2	15 900	18.0	31.8	17 300	27.7	35.6	16 600	34.8	37.9	15 700	40.6	39.3	15 000				32.0
34.0										16.6	30.7	15 300	26.6	34.5	14 600	33.6	36.7	13 800	39.3	38.0	13 100	34.0
36.0													14.7	29.2	13 500	25.1	33.2	12 800	32.2	35.2	12 100	36.0
38.0																12.0	27.2	11 900	23.2	31.4	11 300	38.0

21.3m (70 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	72.3	52.8	35 300*b																			12.2
14.0	68.8	52.2	33 800*b																			14.0
16.0	64.7	51.3	31 700*	68.5	51.0	33 900*b																16.0
18.0	60.4	50.3	29 800*	64.3	51.0	31 900*																18.0
20.0	56.0	49.0	28 100*	60.1	50.0	30 000	62.5	50.4	29 700													20.0
22.0	51.3	47.6	26 500*	55.7	48.7	27 700	58.1	49.2	26 900													22.0
24.0	46.3	45.8	25 100*	51.0	47.2	25 200	53.6	47.9	24 500	57.7	48.7	23 400										24.0
26.0	40.9	43.7	23 800*	45.9	45.5	23 100	48.8	46.3	22 500	53.1	47.3	21 500	57.1	47.9	20 500							26.0
28.0	34.7	41.1	21 500*	40.4	43.3	21 000	43.5	44.3	20 400	48.3	45.6	19 500	52.5	46.5	18 600							28.0
30.0	27.5	37.8	19 500*	34.2	40.7	19 200	37.8	42.0	18 700	43.0	43.7	17 800	47.6	44.8	17 000	46.9	43.8	14 800				30.0
32.0	17.6	33.0	16 000*	26.8	37.3	17 600	31.1	39.1	17 100	37.2	41.3	16 300	42.3	42.8	15 600	41.5	41.7	13 600	45.9	42.5	12 900	32.0
34.0				16.7	32.3	15 900	22.8	35.2	15 800	30.4	38.3	15 100	36.4	40.4	14 300	35.4	39.2	12 600	40.4	40.3	11 900	34.0
36.0										21.8	34.2	14 000	29.5	37.3	13 200	28.3	36.0	11 700	34.2	37.7	11 100	36.0
38.0										6.4	26.3	13 000	20.6	33.0	12 300	18.9	31.4	10 900	26.8	34.3	10 300	38.0
40.0																			16.6	29.3	9 600	40.0
42.0																						42.0

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65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

21.3m (70 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	74.0	56.0	33 400*																			12.2
14.0	70.8	55.4	32 300*																			14.0
16.0	67.1	54.6	30 400*																			16.0
18.0	63.3	53.7	28 700*																			18.0
20.0	59.4	52.6	27 100*	66.8	54.4	30 600*																20.0
22.0	55.4	51.4	25 600*	63.1	53.4	28 900*	65.1	53.8	29 300													22.0
24.0	51.1	49.9	24 300*	59.1	52.3	27 200	61.3	52.8	26 600													24.0
26.0	46.6	48.1	23 100*	55.1	51.0	25 000	57.3	51.6	24 300													26.0
28.0	41.7	46.0	21 800*	53.2	50.2	22 300	53.2	50.2	22 300	56.9	51.0	21 300										28.0
30.0	36.2	43.6	19 700*	48.8	48.6	20 600	48.8	48.6	20 600	52.8	49.6	19 600	56.4	50.2	18 700							30.0
32.0	30.0	40.5	18 000*	44.1	46.7	18 700	44.1	46.7	18 700	46.3	47.9	17 900	52.2	48.8	17 000							32.0
34.0	22.2	36.4	15 000*	38.9	44.4	17 200	38.9	44.4	17 200	43.6	46.0	16 400	47.8	47.1	15 600							34.0
36.0				33.1	41.6	15 900	33.1	41.6	15 900	38.4	43.7	15 100	43.0	45.1	14 400	47.1	46.1	13 700				36.0
38.0				26.2	38.1	14 800	26.2	38.1	14 800	32.5	40.9	14 000	37.7	42.8	13 300	42.2	44.0	12 600				38.0
40.0				16.8	33.0	13 700	16.8	33.0	13 700	25.4	37.3	13 100	31.7	39.9	12 400	36.8	41.6	11 700	41.2	42.7	11 100	40.0
42.0										15.6	31.9	12 200	24.4	36.1	11 500	30.7	38.6	10 900	35.7	40.2	10 300	42.0
44.0													14.0	30.4	10 800	23.1	34.7	10 200	29.4	37.0	9 600	44.0
																11.6	28.3	9 600	21.4	32.8	9 000	

21.3m (70 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	75.4	59.1	30 900*b																			12.2
14.0	72.4	58.6	29 900*b																			14.0
16.0	69.1	57.9	28 200*																			16.0
18.0	65.7	57.1	26 600*	68.9	57.7	28 200*																18.0
20.0	62.2	56.1	25 100*	65.5	56.8	26 800*	67.3	57.1	27 500*													20.0
22.0	58.6	55.0	23 800*	62.0	55.8	25 300*	63.9	56.2	25 900													22.0
24.0	54.9	53.7	22 400*	58.3	54.7	23 900*	60.3	55.1	23 800													24.0
26.0	50.9	52.2	21 200*	54.6	53.4	22 500	56.7	53.9	21 800	60.0	54.6	20 800										26.0
28.0	46.8	50.4	20 100*	50.6	51.8	20 800	52.8	52.5	20 100	56.3	53.3	19 200										28.0
30.0	42.3	48.4	19 100*	46.5	50.1	19 100	48.8	50.9	18 600	52.4	51.9	17 700	55.8	52.5	16 800							30.0
32.0	37.4	46.0	18 000*	42.0	48.0	17 600	44.5	49.0	17 100	48.4	50.2	16 200	52.0	51.1	15 400							32.0
34.0	31.9	43.1	16 500*	37.0	45.6	16 200	39.8	46.8	15 700	44.0	48.3	15 000	47.9	49.4	14 200	51.4	50.1	13 500				34.0
36.0	25.4	39.4	14 600*	31.5	42.6	15 000	34.6	44.1	14 600	39.3	46.1	13 900	43.5	47.4	13 100	47.2	48.4	12 400				36.0
38.0	16.6	34.2	11 800*	24.8	38.9	14 000	28.7	40.9	13 600	34.1	43.4	12 900	38.7	45.2	12 200	42.8	46.4	11 500				38.0
40.0				15.8	33.5	12 600*	21.2	36.6	12 600	28.0	40.1	12 000	33.4	42.4	11 400	38.0	44.0	10 700	41.9	45.0	10 100	40.0
42.0										20.4	35.6	11 200	27.2	39.0	10 600	32.5	41.2	10 000	37.0	42.6	9 400	42.0
44.0										7.2	27.4	10 500	19.2	34.3	9 900	26.1	37.6	9 400	31.4	39.7	8 800	44.0
46.0																17.7	32.6	8 800	24.8	35.9	8 300	46.0
48.0																			15.7	30.5	7 700	48.0

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LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

21.3m (70 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.3	61.9	25 600*																			13.7
14.0	73.8	61.8	25 400*																			14.0
16.0	70.8	61.2	24 000*																			16.0
18.0	67.7	60.4	22 700*																			18.0
20.0	64.5	59.5	21 400*	67.5	60.1	22 700*																20.0
22.0	61.3	58.5	20 300*	64.3	59.3	21 500*	66.0	59.6	22 100*													22.0
24.0	57.9	57.3	19 200*	61.0	58.2	20 300*	62.8	58.6	21 000*													24.0
26.0	54.4	56.0	18 200*	57.7	57.0	19 300*	59.5	57.5	19 900*	62.5	58.0	20 400										26.0
28.0	50.8	54.5	17 200*	54.2	55.7	18 300*	56.1	56.2	18 800*	59.2	56.9	18 800										28.0
30.0	47.0	52.7	16 400*	50.5	54.1	17 300*	52.5	54.8	17 900*	55.8	55.7	17 400										30.0
32.0	42.9	50.7	15 600*	46.7	52.4	16 500*	48.8	53.2	16 900	52.2	54.2	16 100	55.3	54.9	15 200							32.0
34.0	38.4	48.4	14 800*	42.5	50.3	15 600*	44.8	51.3	15 600	48.4	52.5	14 800	51.7	53.4	14 100							34.0
36.0	33.5	45.6	14 100*	38.1	48.0	14 800	40.6	49.1	14 400	44.4	50.6	13 700	48.0	51.7	13 000	51.2	52.4	12 300				36.0
38.0	27.8	42.2	13 500*	33.1	45.2	13 800	35.9	46.6	13 400	40.1	48.4	12 700	43.9	49.8	12 000	47.4	50.7	11 400				38.0
40.0	20.8	37.8	11 700*	27.3	41.8	12 900	30.6	43.5	12 500	35.4	45.9	11 800	39.6	47.5	11 200	43.3	48.7	10 600	46.6	49.4	10 000	40.0
42.0				20.2	37.2	12 000	24.4	39.7	11 700	30.1	42.7	11 000	34.8	44.9	10 400	38.9	46.4	9 900	42.5	47.4	9 300	42.0
44.0				8.4	29.4	9 600*	16.0	34.3	10 900	23.7	38.8	10 300	29.4	41.7	9 800	34.0	43.7	9 200	38.0	45.0	8 700	44.0
46.0										14.9	33.1	9 700	22.8	37.6	9 200	28.5	40.4	8 600	33.0	42.2	8 100	46.0
48.0													13.5	31.5	8 600	21.6	36.1	8 100	27.3	38.8	7 600	48.0
50.0																11.4	29.4	7 600	20.1	34.2	7 100	50.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

21.3m (70 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.4	65.1	23 700*																			13.7
14.0	75.0	65.0	23 500*																			14.0
16.0	72.2	64.4	22 200*																			16.0
18.0	69.4	63.7	20 900*																			18.0
20.0	66.5	62.9	19 800*	69.1	63.4	20 900*																20.0
22.0	63.5	61.9	18 600*	66.2	62.6	19 800*																22.0
24.0	60.4	60.9	17 600*	63.3	61.7	18 700*	64.9	62.0	19 300*													24.0
26.0	57.3	59.7	16 600*	60.2	60.6	17 700*	61.9	61.0	18 200*													26.0
28.0	54.1	58.3	15 700*	57.1	59.4	16 700*	58.8	59.9	17 300*	61.6	60.4	18 000*										28.0
30.0	50.7	56.8	14 800*	53.8	58.0	15 800*	55.6	58.6	16 300*	58.5	59.3	17 000*										30.0
32.0	47.1	55.0	14 100*	50.4	56.4	14 900*	52.3	57.1	15 400*	55.3	58.0	15 700*										32.0
34.0	43.3	53.0	13 300*	46.8	54.7	14 100*	48.8	55.5	14 600*	52.0	56.5	14 600*	54.9	57.2	13 800*							34.0
36.0	39.2	50.8	12 600*	43.0	52.7	13 400*	45.1	53.6	13 800*	48.5	54.8	13 500*	51.6	55.7	12 700*							36.0
38.0	34.8	48.1	12 000*	38.9	50.4	12 700*	41.2	51.5	13 100*	44.8	52.9	12 500*	48.0	54.0	11 800*							38.0
40.0	29.8	44.9	11 400*	34.4	47.7	12 000*	37.0	49.0	12 300*	40.8	50.8	11 600*	44.3	52.1	11 000*	47.5	53.0	10 300*				40.0
42.0	23.8	41.0	10 900*	29.3	44.5	11 500*	32.2	46.1	11 500*	36.5	48.3	10 800*	40.3	49.9	10 200*	43.7	51.0	9 600*				42.0
44.0	15.9	35.4	9 400*	23.3	40.4	10 900*	26.8	42.6	10 800*	31.7	45.3	10 100*	36.0	47.3	9 500*	39.7	48.8	9 000*	43.0	49.7	8 400*	44.0
46.0				15.1	34.7	10 000*	20.0	38.0	10 100*	26.2	41.7	9 500*	31.1	44.3	8 900*	35.3	46.1	8 400*	38.9	47.4	7 900*	46.0
48.0										19.2	36.9	8 900*	25.4	40.6	8 400*	30.3	43.0	7 900*	34.4	44.7	7 400*	48.0
50.0										7.7	28.6	8 500*	18.2	35.6	7 900*	24.5	39.2	7 400*	29.3	41.5	6 900*	50.0
52.0																16.9	33.9	6 900*	23.2	37.4	6 500*	52.0
54.0																			15.0	31.7	6 100*	54.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

21.3m (70 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.5	67.8	21 000*																			15.2
16.0	73.4	67.6	20 600*																			16.0
18.0	70.8	66.9	19 400*																			18.0
20.0	68.1	66.2	18 300*	70.6	66.7	19 400*																20.0
22.0	65.4	65.3	17 300*	67.9	65.9	18 300*																22.0
24.0	62.6	64.3	16 200*	65.2	65.0	17 300*																24.0
26.0	59.7	63.2	15 300*	62.4	64.1	16 300*	63.9	64.4	16 800*													26.0
28.0	56.8	62.0	14 400*	59.5	63.0	15 400*	61.1	63.4	15 900*													28.0
30.0	53.7	60.6	13 600*	56.6	61.7	14 500*	58.2	62.2	15 000*	60.8	62.8	15 700*										30.0
32.0	50.6	59.1	12 800*	53.5	60.3	13 600*	55.2	60.9	14 100*	57.9	61.6	14 900*										32.0
34.0	47.2	57.3	12 100*	50.3	58.7	12 900*	52.1	59.4	13 300*	54.9	60.3	14 000*										34.0
36.0	43.7	55.4	11 400*	47.0	57.0	12 100*	48.8	57.8	12 600*	51.8	58.8	13 300*	54.5	59.5	12 900							36.0
38.0	40.0	53.1	10 800*	43.4	55.0	11 500*	45.4	55.9	11 900*	48.5	57.1	12 500*	51.4	58.0	11 900							38.0
40.0	35.9	50.6	10 200*	39.7	52.7	10 800*	41.8	53.8	11 200*	45.1	55.3	11 700	48.1	56.3	11 000	50.9	57.0	10 400				40.0
42.0	31.3	47.5	9 700*	35.6	50.1	10 200*	37.9	51.4	10 600*	41.4	53.1	10 900	44.6	54.4	10 300	47.6	55.3	9 700				42.0
44.0	26.1	43.9	9 100*	31.0	47.1	9 700*	33.6	48.6	10 000*	37.5	50.7	10 200	40.9	52.2	9 600	44.1	53.3	9 100				44.0
46.0	19.7	39.2	8 700*	25.7	43.4	9 200*	28.7	45.3	9 500*	33.1	47.9	9 600	37.0	49.8	9 000	40.4	51.1	8 500	43.4	52.0	7 900	46.0
48.0				19.1	38.5	8 700*	23.0	41.2	9 000*	28.2	44.5	9 000	32.6	46.9	8 400	36.3	48.6	7 900	39.6	49.8	7 400	48.0
50.0				8.7	30.5	7 600*	15.3	35.4	8 600*	22.3	40.3	8 500	27.6	43.4	8 000	31.8	45.6	7 500	35.5	47.2	7 000	50.0
52.0										14.4	34.2	8 000	21.5	39.0	7 500	26.7	42.1	7 000	30.9	44.1	6 500	52.0
54.0													13.1	32.6	7 100	20.5	37.5	6 600	25.7	40.4	6 100	54.0
56.0																11.3	30.4	6 200	19.1	35.5	5 800	56.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

21.3m (70 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.5	71.0	18 500*																			15.2
16.0	74.5	70.7	18 300*																			16.0
18.0	72.0	70.1	17 800*																			18.0
20.0	69.5	69.5	16 800*																			20.0
22.0	67.0	68.7	15 800*	69.4	69.2	16 600*																22.0
24.0	64.4	67.8	14 800*	66.8	68.4	15 800*																24.0
26.0	61.8	66.7	13 900*	64.2	67.5	14 800*	65.7	67.8	15 300*													26.0
28.0	59.1	65.6	13 100*	61.6	66.5	13 900*	63.1	66.8	14 400*													28.0
30.0	56.3	64.3	12 300*	58.9	65.3	13 100*	60.4	65.8	13 600*													30.0
32.0	53.4	62.9	11 500*	56.1	64.0	12 300*	57.6	64.6	12 700*	60.1	65.2	13 400*										32.0
34.0	50.5	61.4	10 800*	53.2	62.6	11 500*	54.8	63.2	12 000*	57.4	64.0	12 600*										34.0
36.0	47.3	59.6	10 100*	50.2	61.0	10 800*	51.9	61.7	11 200*	54.5	62.6	11 900*										36.0
38.0	44.1	57.7	9 500*	47.1	59.3	10 100*	48.8	60.1	10 500*	51.6	61.1	11 200*	54.2	61.8	11 700							38.0
40.0	40.6	55.5	8 900*	43.8	57.3	9 500*	45.6	58.2	9 900*	48.5	59.4	10 500*	51.2	60.3	10 900							40.0
42.0	36.8	53.0	8 400*	40.3	55.1	8 900*	42.3	56.1	9 300*	45.3	57.6	9 900*	48.2	58.6	10 100	50.8	59.3	9 500				42.0
44.0	32.7	50.1	7 900*	36.5	52.6	8 400*	38.6	53.8	8 700*	41.9	55.5	9 300*	44.9	56.7	9 400	47.7	57.6	8 900				44.0
46.0	28.0	46.7	7 400*	32.4	49.7	7 900*	34.7	51.1	8 200*	38.3	53.1	8 700*	41.5	54.6	8 800	44.4	55.6	8 300	47.1	56.3	7 700	46.0
48.0	22.5	42.4	7 000*	27.7	46.2	7 400*	30.3	48.0	7 700*	34.3	50.4	8 200*	37.8	52.2	8 300	40.9	53.5	7 700	43.8	54.3	7 200	48.0
50.0	15.3	36.6	6 600*	22.1	41.9	7 000*	25.3	44.2	7 200*	29.9	47.2	7 700*	33.8	49.4	7 800	37.2	51.0	7 200	40.3	52.1	6 800	50.0
52.0				14.6	35.8	6 600*	19.1	39.3	6 900*	24.7	43.3	7 200*	29.3	46.1	7 300	33.1	48.2	6 800	36.5	49.6	6 400	52.0
54.0										18.3	38.2	6 800*	24.1	42.1	6 900	28.6	44.8	6 400	32.3	46.7	5 900	54.0
56.0										8.0	29.7	6 500*	17.4	36.9	6 500	23.2	40.7	6 000	27.6	43.2	5 600	56.0
58.0																16.2	35.1	5 600	22.0	38.9	5 200	58.0
60.0																			14.5	32.8	4 900	60.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

21.3m (70 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.5	73.7	15 700*																			16.8
18.0	73.1	73.3	15 400*																			18.0
20.0	70.8	72.7	14 900*																			20.0
22.0	68.4	71.9	14 500*																			22.0
24.0	66.0	71.1	13 700*	68.3	71.7	14 000*																24.0
26.0	63.6	70.2	12 700*	65.9	70.8	13 600*	67.2	71.1	13 400*													26.0
28.0	61.1	69.1	12 000*	63.4	69.9	12 800*	64.8	70.2	13 100*													28.0
30.0	58.5	68.0	11 200*	60.9	68.8	12 000*	62.3	69.2	12 500*													30.0
32.0	55.9	66.7	10 500*	58.3	67.7	11 200*	59.8	68.1	11 700*													32.0
34.0	53.2	65.2	9 800*	55.7	66.4	10 500*	57.2	66.9	10 900*	59.5	67.5	11 600*										34.0
36.0	50.4	63.7	9 100*	53.0	64.9	9 800*	54.5	65.5	10 200*	56.9	66.3	10 800*										36.0
38.0	47.4	61.9	8 600*	50.2	63.3	9 100*	51.7	64.0	9 600*	54.2	64.9	10 100*										38.0
40.0	44.4	60.0	8 000*	47.2	61.6	8 500*	48.9	62.4	8 900*	51.5	63.4	9 500*	53.9	64.1	10 000*							40.0
42.0	41.1	57.8	7 400*	44.1	59.6	8 000*	45.8	60.5	8 300*	48.6	61.7	8 900*	51.1	62.6	9 400*							42.0
44.0	37.6	55.4	6 900*	40.8	57.4	7 400*	42.7	58.5	7 800*	45.5	59.9	8 300*	48.2	60.9	8 800*	50.7	61.6	8 700				44.0
46.0	33.8	52.6	6 500*	37.3	55.0	7 000*	39.3	56.2	7 200*	42.4	57.8	7 700*	45.2	59.0	8 200*	47.8	59.9	8 100				46.0
48.0	29.6	49.4	6 100*	33.5	52.2	6 500*	35.7	53.6	6 800*	39.0	55.5	7 200*	42.0	56.9	7 700*	44.7	57.9	7 600				48.0
50.0	24.8	45.5	5 600*	29.3	48.9	6 000*	31.7	50.6	6 300*	35.3	52.8	6 700*	38.5	54.6	7 200*	41.5	55.8	7 100	44.1	56.6	6 600	50.0
52.0	18.8	40.5	5 100*	24.4	44.9	5 600*	27.2	47.0	5 900*	31.3	49.8	6 300*	34.8	51.9	6 700*	38.0	53.4	6 700	40.8	54.5	6 200	52.0
54.0				18.3	39.8	5 100*	21.8	42.6	5 400*	26.7	46.2	5 900*	30.7	48.8	6 200*	34.2	50.7	6 300	37.3	52.0	5 800	54.0
56.0				8.9	31.6	4 700*	14.8	36.6	4 900*	21.3	41.7	5 300*	26.1	45.1	5 800*	30.1	47.5	5 900	33.5	49.2	5 400	56.0
58.0										13.9	35.4	4 800*	20.5	40.4	5 300*	25.3	43.7	5 500	29.2	45.9	5 100	58.0
60.0													12.8	33.7	4 800*	19.5	38.8	5 200	24.3	41.9	4 800	60.0
62.0																11.2	31.5	4 800*	18.2	36.8	4 500	62.0
64.0																			8.7	28.5	4 300	64.0

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LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

24.4m (80 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	64.6	46.1	46 100*b																			12.2
14.0	59.2	45.1	43 500*b																			14.0
16.0	52.7	43.8	41 400b	59.5	45.0	39 900b																16.0
18.0	45.6	42.0	37 400	53.1	43.6	35 300	57.2	44.3	34 300b													18.0
20.0	37.4	39.8	33 600	46.0	41.9	31 800	50.5	42.8	30 800	57.4	43.8	29 200b										20.0
22.0	27.4	36.6	29 900*	38.0	39.7	28 800	43.1	40.9	27 900	50.7	42.4	26 400b										22.0
24.0	11.1	30.9	21 300*	28.1	36.6	26 000	34.6	38.5	25 200	43.4	40.5	24 000	50.8	41.7	22 700							24.0
26.0							34.9	38.0	21 600	34.9	38.0	21 600	43.4	39.8	20 500	50.6	40.8	19 400				26.0
28.0							23.5	34.9	22 700	23.9	34.5	19 600	34.9	37.4	18 600	43.2	38.9	17 600				28.0
30.0													24.0	33.8	17 000	34.7	36.4	16 100	42.7	37.7	15 200	30.0
32.0																23.6	32.8	14 700	34.0	35.2	13 900	32.0
34.0																			22.7	31.5	12 800	34.0

24.4m (80 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	68.0	49.4	43 100*b																			12.2
14.0	63.3	48.6	40 600*b																			14.0
16.0	57.9	47.5	38 800*b	63.6	48.4	39 000b																16.0
18.0	52.2	46.1	36 200	58.3	47.3	34 500	61.7	47.8	33 500b													18.0
20.0	46.0	44.3	32 700	52.6	45.9	31 000	56.2	46.6	30 000	61.9	47.3	28 500b										20.0
22.0	39.0	42.2	29 800	46.4	44.2	28 100	50.3	45.1	27 200	56.4	46.1	25 800										22.0
24.0	30.8	39.3	26 900	39.5	42.1	25 700	43.9	43.3	24 900	50.5	44.7	23 500										24.0
26.0	19.8	35.1	22 800*	31.4	39.3	23 300	36.6	40.9	22 600	44.1	42.8	21 400	50.6	44.0	20 300							26.0
28.0				20.6	35.2	21 100	27.8	37.7	20 500	36.9	40.5	19 400	44.2	42.1	18 400	50.4	43.1	17 400				28.0
30.0							14.9	32.6	18 800	28.1	37.3	17 800	36.9	39.8	16 800	44.0	41.2	15 800				30.0
32.0										15.5	32.3	16 300	28.2	36.7	15 400	36.7	38.8	14 600				32.0
34.0																27.9	35.7	13 400	36.1	37.6	12 600	34.0
36.0																15.0	30.6	12 400	27.2	34.4	11 700	36.0
38.0																			13.7	29.0	10 800	38.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

24.4m (80 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			JIB OPER. RAD. m	83 DEGREE BOOM ANGLE			JIB OPER. RAD. m	80 DEGREE BOOM ANGLE			JIB OPER. RAD. m	75 DEGREE BOOM ANGLE			JIB OPER. RAD. m	70 DEGREE BOOM ANGLE			JIB OPER. RAD. m	65 DEGREE BOOM ANGLE			JIB OPER. RAD. m	60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	70.5	52.7	37 700*b	12.2	66.8	51.8	36 700*b	12.2	65.1	51.2	32 800b	12.2	60.5	49.7	25 300	12.2	55.6	47.8	20 000	12.2	50.2	45.4	15 700	12.2	44.1	42.3	12 500	12.2
14.0	66.5	52.0	35 600*b	14.0	62.1	50.8	33 800	14.0	60.4	50.2	29 400	14.0	55.6	48.5	23 000	14.0	50.4	46.3	18 200	14.0	44.7	42.3	13 000	14.0	38.2	41.2	13 300	14.0
16.0	61.9	51.0	34 100*b	16.0	57.3	49.7	30 400	16.0	55.4	48.9	26 700	16.0	50.4	47.0	21 100	16.0	44.7	44.4	16 600	16.0	38.9	38.3	12 200	16.0	30.3	37.1	10 600	16.0
18.0	57.0	49.8	32 100*	18.0	52.2	48.2	27 500	18.0	50.2	47.4	24 300	18.0	44.5	45.6	22 400	18.0	38.2	43.3	20 400	18.0	30.8	38.3	11 400	18.0	20.5	32.9	9 900	18.0
20.0	51.9	48.4	30 400*	20.0	46.7	46.5	25 200	20.0	44.5	45.6	22 400	20.0	38.4	42.9	17 600	20.0	31.1	39.3	14 100	20.0	21.4	34.3	11 400	20.0	13.1	30.1	8 400	20.0
22.0	46.3	46.6	28 700	22.0	40.6	44.4	23 200	22.0	38.2	43.3	20 400	22.0	31.0	40.0	16 200	22.0	21.7	35.3	13 000	22.0	14.2	31.7	9 700	22.0	13.1	30.1	8 400	22.0
24.0	40.2	44.5	26 700	24.0	33.7	41.8	21 000	24.0	30.8	40.4	18 600	24.0	21.6	35.9	14 900	24.0	14.5	33.5	12 700	24.0	14.2	31.7	9 700	24.0	13.1	30.1	8 400	24.0
26.0	33.3	41.8	24 200*	26.0	25.2	38.3	19 200	26.0	21.3	36.3	17 100	26.0	14.5	33.5	12 700	26.0	14.5	33.5	12 700	26.0	14.2	31.7	9 700	26.0	13.1	30.1	8 400	26.0
28.0	24.6	38.2	21 600*	28.0	12.1	32.3	17 700	28.0	12.1	32.3	17 700	28.0	14.5	33.5	12 700	28.0	14.5	33.5	12 700	28.0	14.2	31.7	9 700	28.0	13.1	30.1	8 400	28.0
30.0	10.9	32.0	16 400*	30.0	12.1	32.3	17 700	30.0	12.1	32.3	17 700	30.0	14.5	33.5	12 700	30.0	14.5	33.5	12 700	30.0	14.2	31.7	9 700	30.0	13.1	30.1	8 400	30.0
32.0				32.0				32.0				32.0				32.0				32.0				32.0				32.0
34.0				34.0				34.0				34.0				34.0				34.0				34.0				34.0
36.0				36.0				36.0				36.0				36.0				36.0				36.0				36.0
38.0				38.0				38.0				38.0				38.0				38.0				38.0				38.0
40.0				40.0				40.0				40.0				40.0				40.0				40.0				40.0

24.4m (80 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			JIB OPER. RAD. m	83 DEGREE BOOM ANGLE			JIB OPER. RAD. m	80 DEGREE BOOM ANGLE			JIB OPER. RAD. m	75 DEGREE BOOM ANGLE			JIB OPER. RAD. m	70 DEGREE BOOM ANGLE			JIB OPER. RAD. m	65 DEGREE BOOM ANGLE			JIB OPER. RAD. m	60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	72.6	55.9	35 300*b	12.2	69.2	55.1	34 200*b	12.2	63.6	53.6	28 800	12.2	59.4	52.1	22 500	12.2	55.0	50.8	20 600	12.2	50.2	48.6	16 400	12.2	45.0	45.8	13 000	12.2
14.0	69.0	55.3	33 800*b	14.0	64.9	54.4	31 700*	14.0	59.3	52.6	26 000	14.0	54.8	51.3	23 800	14.0	50.2	49.3	19 000	14.0	45.2	46.8	15 100	14.0	40.9	40.9	11 100	14.0
16.0	64.9	54.4	31 700*	16.0	60.9	53.2	29 800	16.0	54.8	51.3	23 800	16.0	50.1	49.7	21 900	16.0	45.1	47.4	17 400	16.0	39.6	44.6	13 800	16.0	34.6	42.4	10 400	16.0
18.0	60.6	53.4	29 800*	18.0	56.2	52.1	28 100*	18.0	50.1	49.7	21 900	18.0	45.0	47.9	20 100	18.0	40.9	40.9	11 100	18.0	33.2	41.8	12 800	18.0	25.3	37.3	9 700	18.0
20.0	56.2	52.1	28 100*	20.0	51.6	50.7	26 500*	20.0	45.0	47.9	20 100	20.0	39.4	45.7	18 400	20.0	35.0	42.5	14 700	20.0	25.6	38.3	11 900	20.0	14.2	31.7	9 700	20.0
22.0	51.6	50.7	26 500*	22.0	46.6	49.0	25 200*	22.0	39.4	45.7	18 400	22.0	33.2	42.5	14 700	22.0	25.6	38.3	11 900	22.0	14.2	31.7	9 700	22.0	13.1	30.1	8 400	22.0
24.0	46.6	49.0	25 200*	24.0	41.2	46.9	23 900*	24.0	33.0	42.9	16 900	24.0	25.3	39.4	15 600	24.0	14.1	33.8	14 500	24.0	14.2	31.7	9 700	24.0	13.1	30.1	8 400	24.0
26.0	41.2	46.9	23 900*	26.0	35.1	44.3	21 900*	26.0	28.4	41.1	17 500	26.0	19.0	36.5	16 200	26.0	14.1	33.8	14 500	26.0	14.2	31.7	9 700	26.0	13.1	30.1	8 400	26.0
28.0	35.1	44.3	21 900*	28.0	27.9	41.1	19 800*	28.0	19.0	36.5	16 200	28.0	14.1	33.8	14 500	28.0	14.1	33.8	14 500	28.0	14.2	31.7	9 700	28.0	13.1	30.1	8 400	28.0
30.0	27.9	41.1	19 800*	30.0	18.3	36.4	17 300*	30.0	14.1	33.8	14 500	30.0	14.1	33.8	14 500	30.0	14.1	33.8	14 500	30.0	14.2	31.7	9 700	30.0	13.1	30.1	8 400	30.0
32.0				32.0				32.0				32.0				32.0				32.0				32.0				32.0
34.0				34.0				34.0				34.0				34.0				34.0				34.0				34.0
36.0				36.0				36.0				36.0				36.0				36.0				36.0				36.0
38.0				38.0				38.0				38.0				38.0				38.0				38.0				38.0
40.0				40.0				40.0				40.0				40.0				40.0				40.0				40.0
42.0				42.0				42.0				42.0				42.0				42.0				42.0				42.0
44.0				44.0				44.0				44.0				44.0				44.0				44.0				44.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

24.4m (80 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	74.2	59.1	33 200*																		12.2	
14.0	71.0	58.5	32 200*																		14.0	
16.0	67.3	57.7	30 400*																		16.0	
18.0	63.5	56.8	28 700*	67.5		30 800*															18.0	
20.0	59.7	55.7	27 100*	63.8	56.7	29 100	66.1	57.0	28 400												20.0	
22.0	55.6	54.5	25 700*	59.9	55.6	26 700	62.3	56.0	25 800												22.0	
24.0	51.4	53.0	24 300*	55.8	54.3	24 300	58.4	54.9	23 600												24.0	
26.0	46.8	51.3	23 100*	51.6	52.9	22 400	54.3	53.6	21 600	58.5	54.4	20 500									26.0	
28.0	41.9	49.2	21 900*	47.1	51.1	20 700	50.0	52.0	20 000	54.4	53.1	18 900									28.0	
30.0	36.5	46.8	20 100*	42.2	49.1	19 200	45.3	50.2	18 500	50.1	51.6	17 500	54.5	52.4	16 500						30.0	
32.0	30.3	43.7	18 300*	36.9	46.7	17 600	40.3	48.0	17 000	45.5	49.7	16 100	50.1	50.9	15 100						32.0	
34.0	22.7	39.7	16 400*	30.7	43.7	16 200	34.7	45.4	15 700	40.5	47.6	14 800	45.5	49.1	13 900	50.0	50.0	13 100			34.0	
36.0	10.7	33.1	12 100*	23.2	39.8	15 100	28.1	42.2	14 600	34.9	45.0	13 700	40.5	46.9	12 900	45.4	48.1	12 100			36.0	
38.0				11.8	33.4	13 600	19.7	37.7	13 600	28.4	41.8	12 700	34.9	44.3	12 000	40.4	46.0	11 200			38.0	
40.0										20.0	37.3	11 900	28.4	41.1	11 100	34.7	43.4	10 400	40.0	44.8	9 800	40.0
42.0													20.1	36.6	10 400	28.2	40.1	9 700	34.3	42.1	9 100	42.0
44.0																19.8	35.6	9 100	27.7	38.8	8 500	44.0
46.0																			19.1	34.2	8 000	46.0

24.4m (80 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	75.5	62.2	30 800*	66.1	60.0	26 900*															12.2	
14.0	72.6	61.7	29 800*																			
16.0	69.3	61.0	28 100*																			
18.0	65.9	60.2	26 600*																			
20.0	62.4	59.2	25 100*																			
22.0	58.8	58.1	23 800*	62.6	59.1	25 500*	64.8	59.5	25 300	61.4	58.0	20 000									22.0	
24.0	55.1	56.8	22 500*	59.0	57.9	23 800	61.3	58.4	23 100													
26.0	51.2	55.3	21 300*	55.3	56.6	21 900	57.7	57.3	21 200													
28.0	47.0	53.6	20 200*	51.4	55.2	20 300	53.9	55.9	19 600													
30.0	42.6	51.5	19 200*	47.3	53.4	18 800	49.9	54.3	18 100													
32.0	37.7	49.2	18 200*	42.8	51.4	17 400	45.7	52.5	16 800	50.0	53.9	15 900	54.0	54.7	14 900	49.9	52.3	11 900				32.0
34.0	32.2	46.3	16 800*	38.0	49.1	16 100	41.1	50.4	15 500	45.8	52.1	14 600	50.0	53.2	13 700							
36.0	25.8	42.7	15 400*	32.6	46.3	14 900	36.1	47.9	14 400	41.2	49.9	13 500	45.8	51.4	12 700							
38.0	17.2	37.6	12 900*	26.2	42.7	13 800	30.3	44.8	13 400	36.2	47.5	12 600	41.3	49.3	11 800							
40.0				17.8	37.8	12 900	23.4	40.9	12 400	30.5	44.4	11 700	36.3	46.8	11 000							
42.0				40.8	47.1	8 900	40.8	47.1	8 900	23.7	40.5	10 900	30.6	43.7	10 200	36.1	45.8	9 500	35.7	44.6	8 300	42.0
44.0																30.4	42.8	8 900				
46.0																23.5	38.8	8 400				
48.0																13.6	32.9	7 800				
50.0																12.6	31.2	6 800				

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



888 SERIES 1

24.4m (80 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

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LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

24.4m (80 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.6	68.1	23 600*																			13.7
14.0	75.1	68.1	23 400*																			14.0
16.0	72.3	67.5	22 100*																			16.0
18.0	69.5	66.8	20 900*																			18.0
20.0	66.6	66.0	19 800*	69.7	66.6	21 100*																20.0
22.0	63.7	65.0	18 700*	66.8	65.8	20 000*																22.0
24.0	60.6	64.0	17 600*	63.8	64.9	18 900*	65.7	65.2	19 500*													24.0
26.0	57.5	62.8	16 600*	60.8	63.8	17 800*	62.7	64.3	18 500*													26.0
28.0	54.2	61.4	15 800*	57.7	62.6	16 900*	59.6	63.2	17 500*													28.0
30.0	50.9	59.9	14 900*	54.4	61.3	15 900*	56.5	61.9	16 600*	59.7	62.7	16 300										30.0
32.0	47.3	58.2	14 100*	51.1	59.8	15 100*	53.2	60.5	15 600*	56.6	61.5	15 100										32.0
34.0	43.5	56.2	13 300*	47.5	58.0	14 300*	49.8	58.9	14 800*	53.3	60.0	14 100	56.6	60.8	13 200							34.0
36.0	39.5	53.9	12 700*	43.8	56.1	13 500*	46.1	57.1	14 000	49.9	58.5	13 200	53.3	59.4	12 300							36.0
38.0	35.0	51.3	12 000*	39.7	53.8	12 800*	42.3	55.1	13 000	46.3	56.7	12 200	49.9	57.8	11 400							38.0
40.0	30.0	48.2	11 400*	35.3	51.2	12 200*	38.1	52.7	12 100	42.4	54.6	11 400	46.3	56.0	10 600	49.8	56.9	9 800				40.0
42.0	24.1	44.3	10 900*	30.4	48.1	11 600*	33.5	49.9	11 300	38.3	52.3	10 600	42.4	53.9	9 900	46.2	55.1	9 100				42.0
44.0	16.4	38.8	10 100*	24.5	44.3	11 000	28.3	46.6	10 600	33.7	49.5	9 900	38.3	51.6	9 200	42.3	53.0	8 500				44.0
46.0				16.9	39.0	10 300	22.0	42.3	9 900	28.5	46.2	9 300	33.7	48.8	8 600	38.2	50.6	7 900	42.0	51.8	7 300	46.0
48.0							13.1	36.0	9 400	22.2	42.0	8 700	28.5	45.5	8 000	33.6	47.9	7 400	37.9	49.4	6 800	48.0
50.0										13.4	35.8	8 200	22.3	41.3	7 600	28.4	44.5	7 000	33.2	46.6	6 400	50.0
52.0																22.1	40.3	6 500	28.0	43.2	6 000	52.0
54.0																13.2	34.0	6 200	21.5	38.9	5 600	54.0
56.0																			12.3	32.3	5 300	56.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

24.4m (80 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.6	70.9	21 000*																			15.2
16.0	73.6	70.7	20 500*																			16.0
18.0	70.9	70.0	19 400*																			18.0
20.0	68.3	69.3	18 300*																			20.0
22.0	65.5	68.4	17 300*	68.4	69.1	18 400*																22.0
24.0	62.7	67.4	16 300*	65.7	68.2	17 400*																24.0
26.0	59.9	66.4	15 300*	62.9	67.3	16 500*	64.7	67.7	17 100*													26.0
28.0	56.9	65.1	14 400*	60.1	66.2	15 500*	61.9	66.7	16 100*													28.0
30.0	53.9	63.7	13 600*	57.1	65.0	14 600*	59.0	65.5	15 200*													30.0
32.0	50.7	62.2	12 900*	54.1	63.6	13 800*	56.0	64.3	14 400*	59.1	65.1	15 100										32.0
34.0	47.4	60.5	12 100*	50.9	62.1	13 000*	52.9	62.8	13 600*	56.1	63.8	14 100										34.0
36.0	43.9	58.5	11 500*	47.6	60.3	12 300*	49.7	61.2	12 800*	53.0	62.4	13 100	56.1	63.1	12 300							36.0
38.0	40.2	56.3	10 800*	44.1	58.4	11 600*	46.3	59.4	12 000*	49.8	60.8	12 300	53.0	61.7	11 500							38.0
40.0	36.1	53.7	10 200*	40.4	56.2	10 900*	42.8	57.4	11 400*	46.4	59.0	11 400	49.8	60.1	10 700							40.0
42.0	31.6	50.8	9 700*	36.3	53.7	10 400*	38.9	55.1	10 800*	42.9	56.9	10 700	46.5	58.3	9 900	49.7	59.2	9 200				42.0
44.0	26.4	47.2	9 200*	31.9	50.7	9 800*	34.7	52.4	10 200*	39.1	54.6	10 000	42.9	56.3	9 300	46.4	57.4	8 600				44.0
46.0	20.1	42.5	8 700*	26.8	47.2	9 300*	30.1	49.3	9 600*	34.9	52.0	9 300	39.1	54.0	8 700	42.8	55.3	8 000	46.1	56.2	7 400	46.0
48.0	10.6	35.2	7 700*	20.5	42.6	8 800*	24.6	45.4	9 200*	30.2	48.9	8 800	34.9	51.3	8 100	39.0	53.0	7 500	42.5	54.1	6 900	48.0
50.0				11.4	35.6	8 500*	17.7	40.2	8 700*	24.8	45.0	8 200	30.3	48.2	7 600	34.8	50.4	7 000	38.7	51.8	6 500	50.0
52.0										17.9	39.9	7 800	24.8	44.3	7 200	30.1	47.2	6 600	34.5	49.1	6 100	52.0
54.0													18.0	39.2	6 800	24.7	43.3	6 200	29.8	45.9	5 700	54.0
56.0																17.7	38.2	5 900	24.2	42.0	5 400	56.0
58.0																			17.1	36.7	5 000	58.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

24.4m (80 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.6	74.0	18 300*																			15.2
16.0	74.6	73.8	18 100*																			16.0
18.0	72.2	73.2	17 500*																			18.0
20.0	69.7	72.5	16 800*																			20.0
22.0	67.1	71.7	15 800*	69.8	72.4	16 500*																22.0
24.0	64.6	70.8	14 900*	67.3	71.6	15 900*																24.0
26.0	61.9	69.8	14 000*	64.7	70.7	15 000*	66.3	71.0	15 400*													26.0
28.0	59.2	68.7	13 100*	62.1	69.7	14 100*	63.8	70.1	14 600*													28.0
30.0	56.5	67.5	12 300*	59.4	68.6	13 300*	61.1	69.0	13 800*													30.0
32.0	53.6	66.1	11 600*	56.6	67.3	12 400*	58.4	67.9	13 000*													32.0
34.0	50.6	64.5	10 800*	53.8	65.9	11 700*	55.6	66.6	12 200*	58.5	67.4	12 900*										34.0
36.0	47.5	62.8	10 200*	50.8	64.4	11 000*	52.7	65.1	11 400*	55.7	66.1	12 200*										36.0
38.0	44.2	60.8	9 500*	47.7	62.6	10 300*	49.7	63.5	10 700*	52.8	64.7	11 500*	55.7	65.4	11 100							38.0
40.0	40.8	58.6	9 000*	44.4	60.7	9 600*	46.5	61.7	10 100*	49.8	63.1	10 800*	52.8	64.0	10 400							40.0
42.0	37.0	56.2	8 400*	41.0	58.6	9 000*	43.2	59.7	9 400*	46.6	61.3	10 100*	49.8	62.4	9 800							42.0
44.0	32.9	53.3	7 900*	37.2	56.1	8 500*	39.6	57.5	8 900*	43.3	59.3	9 500*	46.6	60.6	9 100	49.7	61.5	8 400				44.0
46.0	28.3	49.9	7 400*	33.2	53.3	8 000*	35.8	54.9	8 300*	39.7	57.0	8 900*	43.3	58.6	8 500	46.5	59.7	7 800				46.0
48.0	22.9	45.7	7 000*	28.6	49.9	7 500*	31.5	51.9	7 800*	35.9	54.4	8 400*	39.8	56.3	7 900	43.2	57.7	7 300	46.3	58.5	6 700	48.0
50.0	15.7	40.0	6 600*	23.2	45.8	7 100*	26.7	48.3	7 400*	31.7	51.4	7 900*	35.9	53.8	7 500	39.6	55.4	6 900	43.0	56.5	6 300	50.0
52.0				16.2	40.2	6 700*	20.9	43.7	6 900*	26.9	47.9	7 400*	31.7	50.8	7 000	35.8	52.8	6 400	39.4	54.2	5 900	52.0
54.0							12.7	37.1	6 600*	21.1	43.4	7 000*	26.9	47.2	6 600	31.6	49.8	6 000	35.5	51.6	5 500	54.0
56.0										13.1	36.9	6 600*	21.1	42.7	6 200	26.7	46.2	5 600	31.3	48.5	5 100	56.0
58.0																20.9	41.7	5 300	26.4	44.9	4 800	58.0
60.0																12.8	35.1	5 000	20.5	40.3	4 500	60.0
62.0																			12.1	33.4	4 300	62.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

24.4m (80 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.6	76.8	15 500*																			16.8
18.0	73.2	76.4	15 200*																			18.0
20.0	70.9	75.8	14 700*																			20.0
22.0	68.6	75.0	14 300*																			22.0
24.0	66.2	74.2	13 700*	68.7	74.9	13 900*																24.0
26.0	63.7	73.3	12 800*	66.3	74.0	13 500*	67.8	74.3	13 300*													26.0
28.0	61.2	72.2	12 000*	63.9	73.1	13 000*	65.4	73.5	13 000*													28.0
30.0	58.7	71.1	11 200*	61.4	72.1	12 100*	62.9	72.5	12 600*													30.0
32.0	56.0	69.8	10 500*	58.8	70.9	11 400*	60.4	71.4	11 800*													32.0
34.0	53.3	68.4	9 800*	56.2	69.6	10 600*	57.9	70.2	11 100*	60.5	70.9	11 700*										34.0
36.0	50.5	66.8	9 200*	53.5	68.2	9 900*	55.2	68.9	10 400*	57.9	69.7	11 100*										36.0
38.0	47.6	65.1	8 600*	50.7	66.7	9 300*	52.5	67.4	9 700*	55.3	68.4	10 400*										38.0
40.0	44.5	63.1	8 000*	47.8	64.9	8 700*	49.6	65.8	9 100*	52.6	67.0	9 700*	55.3	67.7	10 200							40.0
42.0	41.3	61.0	7 500*	44.7	63.0	8 100*	46.7	64.0	8 500*	49.7	65.4	9 100*	52.6	66.3	9 500							42.0
44.0	37.8	58.6	7 000*	41.5	60.9	7 600*	43.5	62.0	7 900*	46.8	63.6	8 500*	49.7	64.7	8 900							44.0
46.0	34.0	55.8	6 500*	38.0	58.5	7 000*	40.2	59.8	7 400*	43.6	61.6	7 900*	46.8	62.9	8 300	49.6	63.8	7 700				46.0
48.0	29.9	52.6	6 000*	34.3	55.8	6 600*	36.7	57.3	6 900*	40.3	59.4	7 400*	43.7	60.9	7 800	46.7	62.0	7 200				48.0
50.0	25.1	48.7	5 600*	30.1	52.6	6 100*	32.8	54.4	6 400*	36.8	56.9	7 000*	40.3	58.7	7 300	43.6	60.0	6 700				50.0
52.0	19.2	43.8	5 200*	25.4	48.8	5 700*	28.4	51.0	6 000*	32.9	54.0	6 500*	36.8	56.2	6 800	40.2	57.7	6 300	43.3	58.8	5 700	52.0
54.0	10.6	36.3	4 700*	19.6	43.9	5 200*	23.4	46.9	5 500*	28.6	50.6	6 000*	32.9	53.3	6 400	36.7	55.2	5 900	40.0	56.5	5 300	54.0
56.0				11.2	36.7	4 700*	16.9	41.5	5 000*	23.5	46.5	5 600*	28.6	49.9	6 000	32.8	52.3	5 500	36.4	54.0	5 000	56.0
58.0										17.2	41.1	5 100*	23.6	45.9	5 600*	28.5	49.0	5 200	32.5	51.1	4 700	58.0
60.0													17.2	40.5	5 100*	23.4	44.9	4 900	28.1	47.7	4 400	60.0
62.0																17.0	39.4	4 600	23.0	43.5	4 100	62.0
64.0																5.8	29.5	4 300	16.5	37.9	3 900	64.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

27.4m (90 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	60.4	48.4	43 900*b																			13.7
14.0	59.5	48.2	43 700*b																			14.0
16.0	53.0	46.9	41 200b	60.7	48.2	38 800b																16.0
18.0	46.0	45.2	36 600	54.3	46.9	34 400b	58.8	47.6	33 200b													18.0
20.0	37.9	43.0	32 900	47.4	45.3	30 900	52.3	46.2	29 800b	59.9	47.2	28 000b										20.0
22.0	28.0	39.9	30 000	39.5	43.2	28 100	45.2	44.5	27 000	53.4	45.9	25 400b										22.0
24.0	12.5	34.5	23 500*	30.1	40.3	25 700	37.0	42.2	24 700	46.4	44.2	23 200	54.3	45.3	21 700							24.0
26.0							26.8	39.0	22 500	38.4	42.0	21 200	47.4	43.7	19 900							26.0
28.0										28.7	39.0	19 200	39.6	41.6	18 100	48.1	42.9	16 900				28.0
30.0										13.9	33.9	17 600	30.2	38.7	16 500	40.3	40.8	15 400				30.0
32.0													16.6	34.1	15 100	31.1	38.1	14 100	40.7	39.8	13 200	32.0
34.0																18.3	33.7	13 000	31.6	37.1	12 100	34.0
36.0																			19.1	32.8	11 200	36.0

27.4m (90 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	68.3	52.5	43 000*b																			12.2
14.0	63.6	51.7	40 600*b																			14.0
16.0	58.2	50.6	38 800*b	64.6	51.6	37 900b																16.0
18.0	52.5	49.2	35 700	59.3	50.6	33 600b	63.1	51.1	32 400b													18.0
20.0	46.3	47.5	32 100	53.7	49.2	30 200	57.7	50.0	29 100													20.0
22.0	39.4	45.3	29 200	47.6	47.6	27 400	51.9	48.6	26 400	58.6	49.6	24 800b										22.0
24.0	31.3	42.5	26 800	40.8	45.5	25 100	45.7	46.8	24 100	52.9	48.2	22 600										24.0
26.0	20.5	38.4	24 200*	33.0	42.9	23 100	38.7	44.6	22 200	46.7	46.5	20 700	53.7	47.6	19 400							26.0
28.0				23.0	39.1	21 000	30.4	41.7	20 300	39.9	44.4	19 100	47.6	46.0	17 900							28.0
30.0							19.1	37.3	18 500	31.8	41.6	17 400	40.8	43.9	16 300	48.2	45.2	15 200				30.0
32.0										21.3	37.6	16 000	33.0	41.3	14 900	41.5	43.2	13 900				32.0
34.0													23.0	37.5	13 700	33.8	40.6	12 800	41.8	42.1	11 900	34.0
36.0																24.1	37.0	11 900	34.2	39.6	11 000	36.0
38.0																5.8	29.5	11 000	24.6	36.0	10 200	38.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

27.4m (90 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB. OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	70.8	55.8	37 700*b																		12.2	
14.0	66.7	55.1	35 600*b																		14.0	
16.0	62.1	54.1	34 100*b	67.6	55.0	36 600b															16.0	
18.0	57.3	52.9	32 100*	63.0	54.0	33 000															18.0	
20.0	52.1	51.5	30 400*	58.2	52.9	29 600	61.6	53.5	28 500												20.0	
22.0	46.6	49.8	28 700	53.1	51.6	26 800	56.8	52.3	25 800												22.0	
24.0	40.6	47.7	26 200	47.7	49.9	24 500	51.6	50.9	23 600	57.6	51.9	22 200									24.0	
26.0	33.7	45.1	24 200	41.8	47.9	22 600	46.1	49.1	21 700	52.5	50.5	20 300									26.0	
28.0	25.1	41.5	22 100	35.1	45.4	20 900	39.9	47.0	20 000	47.0	48.8	18 800	53.2	50.0	17 500						28.0	
30.0	12.0	35.6	17 800*	27.0	42.0	19 100	32.9	44.2	18 400	41.0	46.8	17 200	47.7	48.3	16 100						30.0	
32.0				15.4	36.9	17 600	24.1	40.6	16 900	34.1	44.2	15 800	41.8	46.3	14 800	48.3	47.5	13 700			32.0	
34.0										25.7	40.7	14 600	35.1	43.8	13 600	42.4	45.5	12 600			34.0	
36.0										13.1	35.0	13 500	27.0	40.4	12 600	35.8	43.1	11 700	42.7	44.5	10 800	36.0
38.0													15.4	35.3	11 700	27.8	39.8	10 800	36.1	42.0	10 000	38.0
40.0																16.8	35.0	10 100	28.2	38.9	9 300	40.0
42.0																			17.5	34.1	8 700	42.0

27.4m (90 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	72.8	59.0	35 200*b																		12.2	
14.0	69.2	58.3	33 800*b																		14.0	
16.0	65.1	57.5	31 700*																		16.0	
18.0	60.9	56.5	29 900*	65.9	57.4	32 000															18.0	
20.0	56.5	55.3	28 100*	61.7	56.4	28 900	64.7	56.9	27 900												20.0	
22.0	51.8	53.8	26 600*	57.3	55.3	26 200	60.4	55.9	25 300												22.0	
24.0	46.9	52.1	25 200*	52.7	53.9	24 000	56.0	54.6	23 100												24.0	
26.0	41.5	50.0	23 600	47.9	52.2	22 000	51.3	53.2	21 200	56.7	54.3	19 800									26.0	
28.0	35.4	47.5	21 800	42.6	50.2	20 400	46.4	51.4	19 600	52.1	51.8	18 300									28.0	
30.0	28.3	44.3	20 100	36.7	47.8	18 900	40.9	49.3	18 100	47.2	52.1	16 900	52.8	52.3	15 700						30.0	
32.0	18.9	39.7	18 300*	29.8	44.7	17 400	34.8	46.7	16 700	41.8	49.1	15 600	47.9	50.6	14 600						32.0	
34.0				21.0	40.5	16 000	27.5	43.4	15 400	35.8	46.6	14 400	42.6	48.6	13 400	48.3	49.8	12 400			34.0	
36.0							17.7	38.6	14 300	28.8	43.5	13 300	36.7	46.2	12 400	43.1	47.9	11 400			36.0	
38.0										19.6	39.0	12 400	29.8	43.2	11 500	37.3	45.5	10 600	43.3	46.8	9 800	38.0
40.0													21.0	38.9	10 700	30.5	42.5	9 800	37.5	44.4	9 100	40.0
42.0																22.0	38.4	9 200	30.9	41.5	8 400	42.0
44.0																6.9	30.7	8 600	22.5	37.5	7 900	44.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

27.4m (90 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	74.4	62.1	33 100*b																			12.2
14.0	71.1	61.6	32 100*b																			14.0
16.0	67.5	60.8	30 300*																			16.0
18.0	63.7	59.9	28 700*	68.2	60.7	31 000*																18.0
20.0	59.9	58.8	27 200*	64.5	59.9	28 600	67.1	60.2	27 600													20.0
22.0	55.8	57.6	25 700*	60.6	58.8	26 000	63.4	59.3	25 000													22.0
24.0	51.6	56.1	24 400*	56.6	57.6	23 700	59.5	58.2	22 900													24.0
26.0	47.1	54.4	23 200	52.4	56.2	21 900	55.4	57.0	21 000	60.1	57.8	19 700										26.0
28.0	42.2	52.4	21 600	48.0	54.5	20 200	51.1	55.5	19 400	56.1	56.6	18 100										28.0
30.0	36.8	50.0	20 100	43.2	52.5	18 800	46.6	53.7	18 000	51.8	55.1	16 800										30.0
32.0	30.7	47.0	18 500	37.9	50.2	17 500	41.7	51.7	16 800	47.4	53.4	15 600	52.4	54.6	14 600							32.0
34.0	23.1	43.0	16 800*	31.9	47.3	16 100	36.3	49.2	15 500	42.5	51.4	14 500	48.0	52.9	13 500							34.0
36.0	11.7	36.6	13 200*	24.7	43.6	15 000	30.0	46.1	14 400	37.2	49.0	13 400	43.2	50.9	12 500	48.4	52.1	11 500				36.0
38.0				14.6	38.0	13 900	22.2	42.0	13 400	31.1	46.1	12 500	37.9	48.6	11 600	43.6	50.2	10 700				38.0
40.0										23.6	42.2	11 600	31.9	45.7	10 700	38.4	47.9	9 900	43.9	49.1	9 200	40.0
42.0										12.7	36.1	10 800	24.7	42.0	10 100	32.6	45.1	9 300	38.7	46.8	8 500	42.0
44.0													14.6	36.4	9 400	25.5	41.5	8 700	32.9	44.1	7 900	44.0
46.0																15.8	36.2	8 100	25.9	40.5	7 400	46.0
48.0																			16.4	35.3	7 000	48.0

27.4m (90 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	75.7	65.3	30 700*b																			12.2
14.0	72.8	64.8	29 700*b																			14.0
16.0	69.5	64.1	28 100*																			16.0
18.0	66.1	63.3	26 600*																			18.0
20.0	62.6	62.3	25 100*	66.7	63.2	27 100*																20.0
22.0	59.0	61.2	23 800*	63.3	62.3	25 500	65.7	62.7	24 500													22.0
24.0	55.3	59.9	22 500*	59.7	61.2	23 200	62.2	61.7	22 300													24.0
26.0	51.4	58.4	21 300*	56.0	59.9	21 400	58.6	60.6	20 500	62.8	61.3	19 200										26.0
28.0	47.2	56.7	20 200*	52.1	58.5	19 700	54.9	59.3	18 900	59.2	60.2	17 700										28.0
30.0	42.8	54.7	19 200*	48.0	56.8	18 300	51.0	57.8	17 600	55.5	58.9	16 400										30.0
32.0	38.0	52.4	18 300*	43.7	54.9	17 100	46.8	56.0	16 400	51.6	57.4	15 200										32.0
34.0	32.5	49.5	17 000*	38.9	52.6	16 000	42.3	54.0	15 300	47.5	55.7	14 200	52.1	56.9	13 200							34.0
36.0	26.1	46.0	15 600*	33.6	49.9	14 800	37.5	51.6	14 200	43.1	53.8	13 200	48.1	55.2	12 200							36.0
38.0	17.8	41.0	13 600*	27.5	46.5	13 700	31.9	48.7	13 200	38.3	51.4	12 200	43.7	53.3	11 300	48.4	54.4	10 500				38.0
40.0				19.6	41.9	12 800	25.4	45.1	12 300	32.9	48.6	11 400	38.9	51.0	10 600	44.1	52.5	9 700				40.0
42.0							16.7	39.9	11 500	26.6	45.1	10 700	33.6	48.3	9 800	39.4	50.3	9 100	44.3	51.4	8 300	42.0
44.0										18.4	40.3	10 000	27.5	44.9	9 200	34.2	47.6	8 400	39.6	49.2	7 700	44.0
46.0													19.6	40.3	8 600	28.1	44.3	7 900	34.4	46.6	7 200	46.0
48.0																20.5	39.8	7 400	28.4	43.3	6 700	48.0
50.0																7.5	31.8	6 900	20.9	38.9	6 300	50.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

27.4m (90 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.6	68.0	25 400*																			13.7
14.0	74.1	68.0	25 200*																			14.0
16.0	71.1	67.3	24 000*																			16.0
18.0	68.0	66.6	22 600*																			18.0
20.0	64.9	65.7	21 400*	68.6	66.5	23 000*																20.0
22.0	61.6	64.7	20 300*	65.5	65.7	21 800*																22.0
24.0	58.3	63.6	19 200*	62.2	64.7	20 700*	64.5	65.1	21 500*													24.0
26.0	54.8	62.2	18 200*	58.9	63.5	19 600*	61.3	64.1	20 100													26.0
28.0	51.2	60.7	17 300*	55.5	62.3	18 600*	57.9	62.9	18 500	61.8	63.7	17 300										28.0
30.0	47.4	59.0	16 400*	51.9	60.8	17 700*	54.5	61.6	17 200	58.5	62.6	16 000										30.0
32.0	43.3	57.0	15 600*	48.1	59.1	16 700	50.8	60.1	16 000	55.0	61.2	14 900										32.0
34.0	38.9	54.7	14 900*	44.1	57.2	15 600	47.0	58.3	15 000	51.4	59.8	13 900	55.5	60.7	12 800							34.0
36.0	34.0	52.0	14 200*	39.8	55.0	14 600	42.9	56.3	14 000	47.6	58.0	13 000	51.9	59.2	12 000							36.0
38.0	28.5	48.7	13 600*	35.0	52.3	13 600	38.4	54.0	13 000	43.6	56.1	12 100	48.1	57.5	11 200							38.0
40.0	21.6	44.5	13 000*	29.6	49.2	12 700	33.5	51.2	12 100	39.2	53.8	11 200	44.1	55.6	10 400	48.5	56.7	9 500				40.0
42.0	11.5	37.7	10 600*	23.1	45.1	11 900	27.8	47.9	11 300	34.4	51.1	10 500	39.8	53.4	9 700	44.5	54.8	8 900				42.0
44.0				14.0	39.2	11 100	20.8	43.4	10 600	28.8	47.9	9 800	35.0	50.7	9 000	40.2	52.6	8 300	44.7	53.7	7 500	44.0
46.0										22.1	43.7	9 200	29.6	47.6	8 400	35.5	50.0	7 700	40.4	51.6	7 000	46.0
48.0										12.3	37.2	8 600	23.1	43.5	7 900	30.2	46.9	7 200	35.7	49.0	6 500	48.0
50.0													14.0	37.6	7 500	23.8	43.0	6 800	30.4	45.9	6 100	50.0
52.0																15.1	37.3	6 400	24.1	42.1	5 800	52.0
54.0																			15.6	36.5	5 400	54.0

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LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

27.4m (90 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.7	71.2	23 500*																			13.7
14.0	75.3	71.1	23 400*																			14.0
16.0	72.5	70.5	22 100*																			16.0
18.0	69.7	69.9	20 900*																			18.0
20.0	66.8	69.1	19 800*	70.2	69.8	21 200*																20.0
22.0	63.8	68.1	18 700*	67.3	69.0	20 100*																22.0
24.0	60.8	67.1	17 600*	64.4	68.1	19 000*																24.0
26.0	57.7	65.9	16 700*	61.4	67.1	18 000*	63.5	67.5	18 700*													26.0
28.0	54.4	64.6	15 800*	58.3	65.9	17 100*	60.5	66.5	17 700*													28.0
30.0	51.0	63.0	14 900*	55.0	64.6	16 100*	57.3	65.3	16 800*	61.0	66.1	15 800										30.0
32.0	47.5	61.3	14 100*	51.7	63.1	15 200*	54.1	63.9	15 800	57.8	64.9	14 600										32.0
34.0	43.7	59.4	13 400*	48.2	61.4	14 500*	50.7	62.4	14 800	54.6	63.6	13 700										34.0
36.0	39.7	57.1	12 700*	44.5	59.5	13 700*	47.1	60.6	13 800	51.2	62.1	12 800	55.0	63.0	11 800							36.0
38.0	35.3	54.5	12 000*	40.5	57.3	13 000*	43.3	58.6	13 000	47.7	60.3	12 000	51.7	61.5	11 000							38.0
40.0	30.3	51.4	11 500*	36.2	54.8	12 300*	39.3	56.4	12 100	44.0	58.4	11 200	48.2	59.8	10 300	52.0	60.7	9 500				40.0
42.0	24.5	47.5	10 900*	31.3	51.8	11 700*	34.8	53.7	11 300	39.9	56.2	10 500	44.5	57.9	9 600	48.5	59.0	8 800				42.0
44.0	16.9	42.2	10 500*	25.7	48.1	11 100	29.8	50.5	10 600	35.6	53.6	9 800	40.5	55.7	9 000	44.8	57.1	8 200				44.0
46.0				18.6	43.2	10 400	23.8	46.6	9 900	30.6	50.5	9 200	36.2	53.2	8 400	40.9	55.0	7 700	45.0	56.1	7 000	46.0
48.0							15.9	41.1	9 300	24.9	46.7	8 600	31.3	50.2	7 900	36.6	52.5	7 200	41.1	53.9	6 500	48.0
50.0										17.4	41.6	8 100	25.7	46.5	7 400	31.8	49.5	6 700	36.8	51.4	6 100	50.0
52.0													18.6	41.6	6 900	26.3	45.9	6 300	32.1	48.5	5 700	52.0
54.0																19.4	41.2	5 900	26.6	45.0	5 300	54.0
56.0																8.0	32.9	5 600	19.7	40.3	5 000	56.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

27.4m (90 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.7	74.0	20 800*																			15.2
16.0	73.7	73.7	20 400*																			16.0
18.0	71.1	73.1	19 400*																			18.0
20.0	68.4	72.4	18 300*																			20.0
22.0	65.7	71.5	17 300*	68.9	72.3	18 600*																22.0
24.0	62.9	70.5	16 300*	66.2	71.4	17 600*																24.0
26.0	60.0	69.5	15 400*	63.4	70.5	16 600*	65.4	70.9	17 200*													26.0
28.0	57.1	68.2	14 500*	60.6	69.4	15 700*	62.6	69.9	16 300*													28.0
30.0	54.1	66.9	13 700*	57.7	68.2	14 800*	59.7	68.8	15 400*													30.0
32.0	50.9	65.3	12 900*	54.7	66.9	14 000*	56.8	67.6	14 600*	60.2	68.5	14 400										32.0
34.0	47.6	63.6	12 200*	51.5	65.4	13 200*	53.7	66.2	13 800*	57.3	67.2	13 500										34.0
36.0	44.1	61.7	11 500*	48.2	63.7	12 400*	50.6	64.7	13 000*	54.2	65.9	12 600										36.0
38.0	40.4	59.5	10 900*	44.8	61.8	11 700*	47.2	62.9	12 300*	51.1	64.4	11 800	54.7	65.3	10 900							38.0
40.0	36.3	56.9	10 300*	41.1	59.7	11 100*	43.7	61.0	11 600*	47.8	62.6	11 100	51.5	63.8	10 200							40.0
42.0	31.9	54.0	9 700*	37.1	57.2	10 500*	40.0	58.7	10 900*	44.3	60.7	10 400	48.2	62.1	9 600							42.0
44.0	26.7	50.4	9 200*	32.8	54.3	9 900*	35.9	56.2	10 300*	40.6	58.5	9 700	44.8	60.2	8 900	48.6	61.3	8 100				44.0
46.0	20.5	45.8	8 800*	27.8	50.9	9 400*	31.4	53.2	9 800*	36.6	56.0	9 100	41.1	58.1	8 300	45.1	59.4	7 600				46.0
48.0	11.3	38.8	8 100*	21.8	46.6	8 900*	26.2	49.5	9 300	32.1	53.1	8 500	37.1	55.6	7 800	41.5	57.3	7 100	45.3	58.4	6 400	48.0
50.0				13.5	40.3	8 600*	19.7	44.8	8 700	27.1	49.6	8 000	32.8	52.7	7 300	37.5	54.9	6 600	41.6	56.3	6 000	50.0
52.0										20.9	45.1	7 500	27.8	49.3	6 800	33.2	52.1	6 200	37.7	53.8	5 600	52.0
54.0										12.0	38.3	7 100	21.8	45.0	6 400	28.3	48.7	5 800	33.4	51.0	5 200	54.0
56.0													13.5	38.7	6 100	22.4	44.5	5 500	28.5	47.7	4 900	56.0
58.0																14.5	38.5	5 200	22.7	43.5	4 600	58.0
60.0																			15.0	37.7	4 300	60.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

27.4m (90 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.7	77.1	18 000*																			15.2
16.0	74.7	76.9	17 800*																			16.0
18.0	72.3	76.3	17 300*																			18.0
20.0	69.8	75.6	16 800*																			20.0
22.0	67.3	74.8	15 800*																			22.0
24.0	64.7	73.9	14 900*	67.8	74.7	15 900*																24.0
26.0	62.1	72.9	14 000*	65.2	73.9	15 100*	67.0	74.3	15 200*													26.0
28.0	59.4	71.8	13 100*	62.6	72.9	14 300*	64.4	73.4	14 800*													28.0
30.0	56.6	70.6	12 300*	59.9	71.8	13 400*	61.8	72.3	14 000*													30.0
32.0	53.8	69.2	11 600*	57.2	70.6	12 600*	59.1	71.2	13 200*													32.0
34.0	50.8	67.6	10 900*	54.3	69.2	11 800*	56.3	69.9	12 400*	59.6	70.8	13 100										34.0
36.0	47.7	65.9	10 200*	51.4	67.7	11 100*	53.5	68.5	11 600*	56.8	69.6	12 200										36.0
38.0	44.4	64.0	9 600*	48.3	66.0	10 400*	50.5	67.0	10 900*	53.9	68.2	11 500										38.0
40.0	41.0	61.8	9 000*	45.1	64.1	9 800*	47.4	65.2	10 300*	51.0	66.7	10 800	54.3	67.6	9 900							40.0
42.0	37.2	59.4	8 400*	41.6	62.0	9 200*	44.1	63.3	9 600*	47.9	64.9	10 100	51.4	66.1	9 200							42.0
44.0	33.1	56.5	7 900*	38.0	59.6	8 600*	40.6	61.1	9 000*	44.6	63.0	9 500	48.3	64.4	8 700	48.6	63.6	7 400				44.0
46.0	28.6	53.2	7 500*	34.0	56.8	8 100*	36.8	58.6	8 500*	41.2	60.9	8 900	45.1	62.5	8 100	45.4	61.7	6 900				46.0
48.0	23.2	49.0	7 000*	29.5	53.6	7 600*	32.7	55.7	8 000*	37.5	58.4	8 300	41.6	60.4	7 600	42.0	59.6	6 400	45.5	60.7	5 800	48.0
50.0	16.2	43.5	6 600*	24.3	49.7	7 200*	28.1	52.3	7 500*	33.4	55.6	7 800	38.0	58.0	7 100	38.3	57.3	6 000	42.1	58.6	5 400	50.0
52.0				17.7	44.5	6 800*	22.6	48.1	7 100*	28.9	52.3	7 300	34.0	55.2	6 700							52.0
54.0							15.3	42.2	6 700*	23.5	48.2	6 900	29.5	52.0	6 300	34.4	54.6	5 600	38.5	56.2	5 000	54.0
56.0										16.7	42.8	6 500	24.3	48.1	5 900	29.9	51.4	5 300	34.6	53.5	4 700	56.0
58.0													17.7	42.9	5 600	24.8	47.5	5 000	30.2	50.4	4 400	58.0
60.0																18.5	42.5	4 700	25.1	46.6	4 100	60.0
62.0																8.3	34.0	4 400	18.8	41.6	3 900	62.0
64.0																			9.0	33.5	3 600	64.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

27.4m (90 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.7	79.8	15 300*																			16.8
18.0	73.4	79.5	15 000*																			18.0
20.0	71.0	78.9	14 600*																			20.0
22.0	68.7	78.1	14 100*																			22.0
24.0	66.3	77.3	13 600*	69.1	78.0	13 700*																24.0
26.0	63.9	76.4	12 800*	66.8	77.2	13 400*																26.0
28.0	61.4	75.3	12 100*	64.3	76.3	13 000*	66.0	76.7	12 800*													28.0
30.0	58.8	74.2	11 300*	61.8	75.3	12 300*	63.6	75.8	12 600*													30.0
32.0	56.2	72.9	10 600*	59.3	74.2	11 500*	61.1	74.7	12 100*													32.0
34.0	53.5	71.5	9 900*	56.7	72.9	10 800*	58.5	73.6	11 300*	61.5	74.3	11 500*										34.0
36.0	50.7	69.9	9 200*	54.0	71.5	10 100*	55.9	72.3	10 600*	59.0	73.2	11 300*										36.0
38.0	47.8	68.2	8 600*	51.2	70.0	9 400*	53.2	70.8	9 900*	56.3	71.9	10 700*										38.0
40.0	44.7	66.3	8 100*	48.3	68.3	8 800*	50.4	69.3	9 300*	53.6	70.5	10 000*	56.7	71.3	9 600							40.0
42.0	41.5	64.2	7 500*	45.3	66.4	8 200*	47.5	67.5	8 600*	50.9	69.0	9 400*	54.0	69.9	9 000							42.0
44.0	38.0	61.7	7 000*	42.1	64.3	7 700*	44.4	65.6	8 100*	47.9	67.2	8 800*	51.2	68.4	8 400							44.0
46.0	34.2	59.0	6 500*	38.7	62.0	7 200*	41.1	63.4	7 500*	44.9	65.3	8 200*	48.3	66.7	7 900	51.5	67.6	7 100				46.0
48.0	30.1	55.8	6 100*	35.0	59.3	6 700*	37.6	61.0	7 000*	41.7	63.2	7 700*	45.3	64.8	7 400	48.6	65.9	6 700				48.0
50.0	25.3	52.0	5 700*	30.9	56.2	6 200*	33.8	58.2	6 600*	38.2	60.8	7 200*	42.1	62.7	7 000	45.6	64.0	6 300				50.0
52.0	19.5	47.2	5 200*	26.3	52.6	5 800*	29.6	55.0	6 100*	34.5	58.1	6 700*	38.7	60.4	6 500	42.4	62.0	5 900	45.7	63.0	5 200	52.0
54.0	11.2	39.9	4 800*	20.8	48.0	5 300*	24.8	51.1	5 700*	30.4	55.0	6 300*	35.0	57.7	6 100	39.0	59.6	5 500	42.6	60.9	4 900	54.0
56.0				13.2	41.4	4 800*	18.8	46.1	5 200*	25.6	51.2	5 800*	30.9	54.6	5 700	35.4	57.0	5 100	39.2	58.6	4 500	56.0
58.0										19.9	46.4	5 200*	26.3	51.0	5 400	31.3	54.0	4 800	35.5	56.0	4 200	58.0
60.0										11.8	39.4	4 800*	20.8	46.4	5 100	26.8	50.4	4 500	31.5	53.0	3 900	60.0
62.0													13.2	39.8	4 800	21.3	45.9	4 200	27.0	49.4	3 700	62.0
64.0																14.1	39.6	3 900	21.6	45.0	3 400	64.0
66.0																			14.5	38.8	3 200	66.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

30.5m (100 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	60.7	51.5	43 900*b																			13.7
14.0	59.8	51.3	43 600b																			14.0
16.0	53.4	50.0	40 400b	61.8	51.4	37 600b																16.0
18.0	46.4	48.3	35 700	55.5	50.2	33 400b																18.0
20.0	38.4	46.1	32 300	48.7	48.7	30 100	60.5	50.9	32 100b	54.1	49.6	28 800b	62.3	50.6	26 900b							20.0
22.0	28.6	43.1	29 400	41.1	46.7	27 300	47.2	48.0	26 200	56.0	49.4	24 400b										22.0
24.0	13.7	38.0	23 700	32.1	44.0	25 100	39.3	45.9	23 900	49.3	47.9	22 200										24.0
26.0							29.8	43.0	22 100	41.7	45.9	20 500	51.1	47.5	19 000							26.0
28.0										32.8	43.3	18 800	43.8	45.6	17 500							28.0
30.0										21.0	39.4	17 200	35.3	43.2	16 000	45.4	45.0	14 800				30.0
32.0													24.6	39.7	14 600	37.3	42.7	13 600				32.0
34.0																27.2	39.6	12 500				34.0
36.0																			38.7	41.9	11 500	36.0
38.0																			29.1	38.9	10 600	38.0
																			14.7	33.9	9 800	38.0

30.5m (100 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	68.5	55.6	43 000*b																			12.2
14.0	63.9	54.8	40 600*b																			14.0
16.0	58.5	53.7	38 600b	65.6	54.8	36 700b																16.0
18.0	52.8	52.3	35 000	60.3	53.8	32 600b	64.5	54.4	31 400b													18.0
20.0	46.7	50.6	31 500	54.7	52.5	29 400	59.1	53.3	28 200b													20.0
22.0	39.8	48.5	28 600	48.7	51.0	26 600	53.5	52.0	25 500	60.7	53.0	23 800b										22.0
24.0	31.8	45.7	26 300	42.1	49.0	24 400	47.4	50.3	23 300	55.2	51.7	21 700										24.0
26.0	21.2	41.7	24 200	34.6	46.5	22 500	40.6	48.2	21 500	49.2	50.2	19 900	56.6	51.2	18 400							26.0
28.0				25.1	43.0	20 800	32.8	45.5	19 900	42.7	48.3	18 400	50.8	49.8	17 000							28.0
30.0							22.6	41.7	18 300	35.2	45.8	17 000	44.5	47.9	15 700							30.0
32.0										26.0	42.4	15 600	37.3	45.6	14 400	45.9	47.3	13 300				32.0
34.0													28.6	42.5	13 300	38.9	45.1	12 200				34.0
36.0													16.3	37.7	12 300	30.7	42.2	11 300				36.0
38.0																19.6	38.0	10 500				38.0
40.0																			40.1	44.2	10 300	40.0
																			32.2	41.5	9 600	38.0
																			21.8	37.6	8 900	40.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

30.5m (100 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	71.0	58.8	37 600*b																			12.2
14.0	67.0	58.1	35 500*b																			14.0
16.0	62.4	57.2	34 100*b	68.4	58.1	36 000b																16.0
18.0	57.5	56.0	32 100*	63.9	57.3	32 000b																18.0
20.0	52.4	54.6	30 400	59.1	56.2	28 700	62.9	56.8	27 600b													20.0
22.0	46.9	52.9	28 100	54.1	54.9	26 100	58.1	55.6	25 000													22.0
24.0	40.9	50.9	25 700	48.8	53.3	23 900	53.0	54.3	22 900	59.5	55.4	21 200										24.0
26.0	34.1	48.3	23 700	42.9	51.3	22 000	47.6	52.6	21 000	54.5	54.1	19 500										26.0
28.0	25.7	44.8	22 000	36.4	48.9	20 400	41.6	50.6	19 400	49.2	52.5	18 000	55.8	53.6	16 600							28.0
30.0	13.0	39.1	18 500	28.6	45.8	18 900	34.9	48.0	18 100	43.4	50.6	16 700	50.6	52.1	15 400							30.0
32.0				18.1	41.1	17 400	26.7	44.7	16 600	36.9	48.2	15 400	45.0	50.3	14 300							32.0
34.0										38.7	45.1	14 200	38.7	48.0	13 100	46.2	49.6	12 100				34.0
36.0										19.1	40.7	13 200	31.4	45.2	12 100	40.1	47.5	11 100				36.0
38.0													22.2	41.2	11 300	33.1	44.8	10 300	41.2	46.6	9 400	38.0
40.0																24.4	41.1	9 600	34.4	44.0	8 700	40.0
42.0																			26.1	40.6	8 100	42.0
44.0																			13.8	35.0	7 600	44.0

30.5m (100 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	73.0	62.0	35 100*b																		12.2	
14.0	69.4	61.4	33 800*b																		14.0	
16.0	65.3	60.6	31 700*																		16.0	
18.0	61.1	59.6	29 900*	66.6	60.6	31 300															18.0	
20.0	56.7	58.4	28 100*	62.5	59.7	28 100															20.0	
22.0	52.1	56.9	26 600*	58.2	58.5	25 500	61.6	59.2	24 400												22.0	
24.0	47.2	55.2	25 000	53.6	57.2	23 300	57.2	58.0	22 300												24.0	
26.0	41.8	53.2	23 100	48.8	55.6	21 500	52.6	56.6	20 500	58.5	57.7	19 000									26.0	
28.0	35.8	50.7	21 400	43.6	53.6	19 800	47.7	54.9	18 900	54.0	56.4	17 500									28.0	
30.0	28.7	47.5	20 000	37.8	51.3	18 400	42.4	52.9	17 600	49.2	54.8	16 200	55.2	55.9	14 900						30.0	
32.0	19.5	43.1	18 400	31.2	48.4	17 200	36.5	50.5	16 400	44.0	52.9	15 100	50.5	54.4	13 800						32.0	
34.0				22.9	44.5	15 800	29.6	47.4	15 200	38.3	50.6	14 000	45.4	52.6	12 900	51.5	53.6	11 800			34.0	
36.0							20.7	43.1	14 000	31.7	47.8	13 000	39.8	50.4	11 900	46.5	51.9	10 900			36.0	
38.0										23.6	43.9	12 000	33.5	47.7	11 000	41.1	49.8	10 100			38.0	
40.0													26.0	44.2	10 200	35.0	47.3	9 300	42.0	48.9	8 400	40.0
42.0													15.2	38.9	9 600	27.8	44.0	8 700	36.1	46.5	7 900	42.0
44.0																18.1	39.3	8 100	29.1	43.3	7 300	44.0
46.0																			20.0	38.9	6 800	46.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

30.5m (100 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m																																																																																																																																																							
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg																																																																																																																																																								
12.2	74.6	65.2	32 900* b	65.2	63.1	27 800	64.4	62.6	24 200	61.6	61.2	18 800									12.2																																																																																																																																																								
14.0	71.3	64.7	32 000* b																			60.5	61.5	23 100	57.7	60.1	17 400	53.5	58.7	16 100								14.0																																																																																																																																							
16.0	67.7	63.9	30 300* a																																				56.5	60.3	20 300	52.3	58.9	18 800	47.8	57.2	17 400							16.0																																																																																																																							
18.0	63.9	63.0	28 700* a																																																				52.3	58.9	18 800	47.8	57.2	17 400								18.0																																																																																																									
20.0	60.1	62.0	27 200* a																																																																		43.0	55.2	16 300	37.8	52.9	15 200	39.4	53.0	13 100	45.7	54.9	12 000	46.7	54.2	10 200		20.0																																																																																								
22.0	56.0	60.7	25 700* a	44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400					22.0																																																																																																																																																									
24.0	51.8	59.3	24 400* a																		44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400					24.0																																																																																																																																								
26.0	47.3	57.5	22 900																																			44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400					26.0																																																																																																																							
28.0	42.5	55.5	21 200																																																				44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400																						28.0																																																																																					
30.0	37.1	53.1	19 800																																																																																						44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400					30.0																																																																				
32.0	31.0	50.2	18 500																																																																																																							44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400					32.0																																																			
34.0	23.6	46.3	17 100																																																																																																																								44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400					34.0																																		
36.0	12.6	40.2	14 100* a																																																																																																																																									44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400					36.0																	
38.0																																																																																																																																																													44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400					38.0
40.0																																																																																																																																																																													
42.0				44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400					42.0																																																																																																																																																									
44.0																					44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400					44.0																																																																																																																																								
46.0																																						44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400					46.0																																																																																																																							
48.0																																																							44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400					48.0																																																																																																						
50.0																																																																								44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400					50.0																																																																																					
																																																																																									44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400																																																																									
																																																																																																										44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400																																																								
																																																																																																																											44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400																																							
																																																																																																																																												44.5	55.2	14 000	40.7	52.7	11 100	40.7	52.7	11 100	41.9	52.2	9 400																						

30.5m (100 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m	
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		
12.2	75.9	68.4	31 100* b																			12.2	
14.0	72.9	67.9	29 600* b																			14.0	
16.0	69.6	67.2	28 000* b																			16.0	
18.0	66.3	66.4	26 500* b																			18.0	
20.0	62.8	65.4	25 100* b	67.4	66.4	27 200																20.0	
22.0	59.2	64.3	23 800* b	63.9	65.5	24 700	66.6	65.9	23 700													22.0	
24.0	55.5	63.0	22 600* b	60.4	64.4	22 600	63.2	65.0	21 600													24.0	
26.0	51.6	61.6	21 400* b	56.7	63.2	20 800	59.6	63.9	19 900													26.0	
28.0	47.5	59.8	20 200* b	52.9	61.8	19 200	55.9	62.6	18 400	60.7	63.6	16 900										28.0	
30.0	43.1	57.9	19 200	48.8	60.2	17 900	52.0	61.2	17 000	57.0	62.4	15 700										30.0	
32.0	38.2	55.5	18 000	44.5	58.3	16 600	47.9	59.5	15 900	53.2	61.0	14 600										32.0	
34.0	32.9	52.7	16 900	39.8	56.1	15 600	43.6	57.6	14 800	49.1	59.4	13 600	54.2	60.5	12 500							34.0	
36.0	26.5	49.2	15 700	34.7	53.4	14 600	38.8	55.3	13 900	44.9	57.5	12 700	50.2	59.0	11 600							36.0	
38.0	18.3	44.4	14 300	28.7	50.2	13 600	33.5	52.5	13 000	40.2	55.3	11 900	46.0	57.2	10 900							38.0	
40.0				21.3	45.9	12 700	27.3	49.1	12 100	35.1	52.8	11 100	41.5	55.1	10 200	46.9	56.5	9 200				40.0	
42.0							19.4	44.5	11 300		29.2	49.6	10 300	36.5	52.6	9 400	42.5	54.5	8 600				42.0
44.0											21.9	45.4	9 700	30.8	49.6	8 800	37.6	52.1	8 000	43.2	53.6	7 200	44.0
46.0														24.0	45.8	8 300	32.1	49.2	7 500	38.5	51.3	6 700	46.0
48.0														14.5	40.0	7 700	25.6	45.6	7 000	33.1	48.5	6 200	48.0
50.0																	17.0	40.5	6 500	26.8	45.0	5 800	50.0
52.0																				18.7	40.2	5 500	52.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

30.5m (100 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.7	71.1	25 100*b																			13.7
14.0	74.3	71.0	24 900*b																			14.0
16.0	71.3	70.4	23 900*																			16.0
18.0	68.2	69.7	22 600*																			18.0
20.0	65.0	68.8	21 400*	69.2	69.7	23 200*																20.0
22.0	61.8	67.8	20 300*	66.1	68.8	22 000*																22.0
24.0	58.5	66.7	19 300*	62.9	67.9	20 800*	65.4	68.4	21 200													24.0
26.0	55.0	65.4	18 300*	59.6	66.8	19 800*	62.2	67.4	19 500													26.0
28.0	51.4	63.9	17 300*	56.1	65.5	18 800	58.8	66.3	18 000													28.0
30.0	47.6	62.1	16 500*	52.6	64.1	17 500	55.4	65.0	16 700	59.8	66.0	15 300										30.0
32.0	43.5	60.2	15 700*	48.8	62.5	16 300	51.8	63.5	15 500	56.4	64.7	14 200										32.0
34.0	39.2	57.9	14 900*	44.9	60.6	15 200	48.0	61.8	14 500	52.9	63.3	13 300										34.0
36.0	34.3	55.2	14 300*	40.6	58.4	14 300	44.0	59.9	13 600	49.1	61.7	12 400	53.8	62.8	11 300							36.0
38.0	28.8	52.0	13 700*	35.9	55.9	13 400	39.7	57.6	12 700	45.2	59.8	11 600	50.1	61.3	10 600							38.0
40.0	22.0	47.8	13 100*	30.7	52.8	12 500	34.9	55.0	11 900	41.0	57.7	10 900	46.2	59.5	9 900	50.9	60.6	9 000				40.0
42.0	12.2	41.3	11 300*	24.4	49.0	11 700	29.4	51.8	11 100	36.3	55.2	10 200	42.1	57.4	9 300	47.1	58.8	8 400				42.0
44.0				16.0	43.6	10 900	22.9	47.8	10 400	31.1	52.2	9 500	37.6	55.0	8 600	43.0	56.8	7 800				44.0
46.0										25.0	48.4	8 900	32.5	52.2	8 100	38.6	54.5	7 300	43.7	55.9	6 500	46.0
48.0										16.8	43.2	8 400	26.7	48.7	7 600	33.7	51.8	6 800	39.3	53.6	6 000	48.0
50.0													19.3	43.9	7 100	28.0	48.4	6 400	34.5	51.0	5 600	50.0
52.0																21.1	44.0	6 000	29.0	47.7	5 300	52.0
54.0																			22.4	43.6	5 000	54.0
56.0																			12.8	37.3	4 600	56.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

30.5m (100 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.9	74.3	23 400*																			13.7
14.0	75.4	74.2	23 200*																			14.0
16.0	72.6	73.6	22 100*																			16.0
18.0	69.8	72.9	20 900*																			18.0
20.0	66.9	72.2	19 800*	70.7	72.9	21 300*																20.0
22.0	64.0	71.2	18 700*	67.9	72.2	20 200*																22.0
24.0	60.9	70.2	17 700*	64.9	71.3	19 200*																24.0
26.0	57.8	69.0	16 700*	61.9	70.3	18 200*	64.3	70.8	19 000													26.0
28.0	54.6	67.7	15 800*	58.8	69.1	17 200*	61.3	69.8	17 800													28.0
30.0	51.2	66.2	15 000*	55.6	67.9	16 300*	58.2	68.6	16 400													30.0
32.0	47.7	64.5	14 100*	52.3	66.4	15 400*	54.9	67.3	15 300	59.1	68.3	14 100										32.0
34.0	43.9	62.5	13 400*	48.8	64.8	14 600*	51.6	65.8	14 300	55.9	67.1	13 100										34.0
36.0	39.9	60.3	12 700*	45.2	62.9	13 800*	48.1	64.1	13 400	52.6	65.6	12 200										36.0
38.0	35.5	57.7	12 100*	41.3	60.8	13 100*	44.4	62.2	12 600	49.1	64.0	11 500	53.5	65.2	10 400							38.0
40.0	30.6	54.6	11 500*	37.0	58.3	12 400	40.4	60.0	11 800	45.5	62.1	10 800	50.0	63.6	9 800							40.0
42.0	24.8	50.8	11 000*	32.3	55.4	11 700	36.0	57.5	11 100	41.6	60.0	10 100	46.4	61.8	9 200	50.8	62.9	8 300				42.0
44.0	17.4	45.6	10 600*	26.8	51.9	10 900	31.2	54.4	10 400	37.3	57.6	9 500	42.6	59.8	8 600	47.2	61.1	7 800				44.0
46.0				20.1	47.3	10 200	25.5	50.7	9 800	32.7	54.8	8 900	38.5	57.4	8 000	43.5	59.1	7 200				46.0
48.0							18.3	45.8	9 200	27.3	51.3	8 300	33.9	54.7	7 500	39.4	56.9	6 800	44.1	58.2	6 000	48.0
50.0										20.7	46.8	7 800	28.8	51.4	7 000	35.0	54.2	6 300	40.1	56.0	5 600	50.0
52.0													22.6	47.2	6 600	30.0	51.1	5 900	35.7	53.4	5 200	52.0
54.0													14.0	41.2	6 200	24.0	47.2	5 500	30.8	50.4	4 900	54.0
56.0																16.2	41.7	5 200	25.1	46.6	4 500	56.0
58.0																			17.7	41.5	4 200	58.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

30.5m (100 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.9	77.0	20 400*																			15.2
16.0	73.8	76.8	20 200*																			16.0
18.0	71.2	76.2	19 400*																			18.0
20.0	68.5	75.4	18 300*																			20.0
22.0	65.8	74.6	17 300*	69.4	75.4	18 600*																22.0
24.0	63.0	73.6	16 300*	66.7	74.6	17 700*																24.0
26.0	60.2	72.6	15 400*	63.9	73.7	16 700*	66.1	74.2	17 500*													26.0
28.0	57.3	71.4	14 500*	61.1	72.7	15 800*	63.3	73.2	16 500*													28.0
30.0	54.2	70.0	13 700*	58.2	71.5	15 000*	60.5	72.2	15 700*													30.0
32.0	51.1	68.5	12 900*	55.2	70.2	14 100*	57.6	71.0	14 800*													32.0
34.0	47.8	66.8	12 200*	52.1	68.7	13 300*	54.6	69.6	14 000*	58.4	70.7	12 900										34.0
36.0	44.3	64.8	11 500*	48.9	67.1	12 600*	51.4	68.1	13 200	55.5	69.4	12 000										36.0
38.0	40.6	62.6	10 900*	45.4	65.2	11 900*	48.1	66.4	12 300	52.4	67.9	11 300										38.0
40.0	36.6	60.1	10 300*	41.8	63.1	11 200*	44.7	64.5	11 600	49.1	66.3	10 600	53.2	67.5	9 600							40.0
42.0	32.1	57.2	9 700*	37.9	60.7	10 600*	41.0	62.3	11 000	45.7	64.5	9 900	50.0	65.9	9 000							42.0
44.0	27.0	53.7	9 200*	33.6	57.9	10 000*	37.0	59.9	10 300	42.1	62.4	9 400	46.6	64.1	8 500	50.7	65.2	7 600				44.0
46.0	20.8	49.2	8 800*	28.8	54.6	9 500*	32.6	57.0	9 700	38.2	60.0	8 800	43.1	62.1	8 000	47.4	63.4	7 100				46.0
48.0	12.0	42.4	8 300*	23.0	50.5	9 000*	27.6	53.6	9 100	34.0	57.3	8 300	39.2	59.8	7 500	43.8	61.5	6 700				48.0
50.0				15.4	44.8	8 600*	21.6	49.2	8 600	29.2	54.0	7 800	35.1	57.2	7 000	40.1	59.2	6 200	44.4	60.5	5 500	50.0
52.0										23.5	50.0	7 300	30.5	54.0	6 500	36.0	56.7	5 800	40.7	58.4	5 100	52.0
54.0										16.1	44.4	6 900	25.1	50.3	6 200	31.5	53.7	5 500	36.7	55.9	4 800	54.0
56.0													18.3	45.2	5 800	26.3	50.1	5 100	32.3	52.9	4 500	56.0
58.0																20.0	45.4	4 800	27.3	49.5	4 200	58.0
60.0																			21.1	45.0	3 900	60.0
62.0																			12.5	38.4	3 700	62.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

30.5m (100 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.8	80.2	17 700*																			15.2
16.0	74.9	80.0	17 500*																			16.0
18.0	72.4	79.4	17 000*																			18.0
20.0	69.9	78.7	16 600*																			20.0
22.0	67.4	77.9	15 900*																			22.0
24.0	64.8	77.0	14 900*	68.2	77.9	15 700*																24.0
26.0	62.2	76.0	14 000*	65.7	77.1	15 300*	67.7	77.5	15 000*													26.0
28.0	59.5	74.9	13 200*	63.1	76.1	14 400*	65.1	76.6	14 800*													28.0
30.0	56.8	73.7	12 400*	60.4	75.0	13 500*	62.5	75.6	14 300*													30.0
32.0	53.9	72.3	11 600*	57.7	73.8	12 700*	59.8	74.5	13 400*													32.0
34.0	50.9	70.8	10 900*	54.8	72.5	12 000*	57.1	73.3	12 600*	60.6	74.2	12 500										34.0
36.0	47.9	69.1	10 300*	51.9	71.0	11 200*	54.2	71.9	11 900*	57.9	73.0	11 700										36.0
38.0	44.6	67.1	9 600*	48.9	69.4	10 500*	51.3	70.4	11 100*	55.1	71.7	10 900										38.0
40.0	41.1	65.0	9 000*	45.7	67.5	9 900*	48.2	68.7	10 400*	52.1	70.2	10 300	55.8	71.2	9 300							40.0
42.0	37.4	62.5	8 500*	42.3	65.4	9 300*	45.0	66.8	9 800*	49.1	68.6	9 600	52.9	69.8	8 700							42.0
44.0	33.4	59.7	8 000*	38.7	63.1	8 700*	41.5	64.7	9 200*	45.9	66.8	9 100	49.9	68.2	8 200							44.0
46.0	28.8	56.4	7 500*	34.7	60.4	8 200*	37.9	62.3	8 700*	42.6	64.7	8 500	46.8	66.4	7 700	50.6	67.5	6 800				46.0
48.0	23.5	52.3	7 000*	30.4	57.3	7 700*	33.8	59.5	8 100*	39.0	62.4	8 100	43.4	64.4	7 200	47.5	65.7	6 400				48.0
50.0	16.6	46.9	6 600*	25.3	53.5	7 300*	29.4	56.3	7 600*	35.0	59.7	7 600	39.9	62.2	6 800	44.2	63.8	6 000				50.0
52.0				19.1	48.6	6 900*	24.1	52.3	7 200*	30.7	56.6	7 100	36.1	59.6	6 400	40.7	61.6	5 600	44.7	62.8	4 900	52.0
54.0							17.5	47.0	6 800*	25.8	52.9	6 700	31.9	56.6	5 900	37.0	59.1	5 200	41.3	60.7	4 600	54.0
56.0										19.7	48.1	6 300	27.1	53.1	5 600	32.8	56.2	4 900	37.6	58.3	4 300	56.0
58.0													21.4	48.7	5 200	28.2	52.9	4 600	33.6	55.5	4 000	58.0
60.0													13.6	42.3	4 900	22.8	48.7	4 300	29.0	52.2	3 700	60.0
62.0																15.6	42.9	4 000	23.7	48.1	3 500	62.0
64.0																			17.0	42.8	3 200	64.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

30.5m (100 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.9	82.9	15 100*																			16.8
18.0	73.5	82.6	14 800*																			18.0
20.0	71.2	81.9	14 400*																			20.0
22.0	68.8	81.2	14 000*																			22.0
24.0	66.4	80.4	13 600*	69.6	81.2	13 600*																24.0
26.0	64.0	79.5	12 900*	67.2	80.4	13 300*																26.0
28.0	61.5	78.4	12 100*	64.8	79.5	12 900*	66.7	79.9	12 700*													28.0
30.0	58.9	77.3	11 300*	62.3	78.5	12 400*	64.3	79.0	12 500*													30.0
32.0	56.3	76.0	10 600*	59.8	77.4	11 700*	61.8	78.0	12 200*													32.0
34.0	53.6	74.6	9 900*	57.2	76.2	10 900*	59.2	76.9	11 500*													34.0
36.0	50.8	73.1	9 300*	54.5	74.8	10 200*	56.6	75.6	10 800*	60.0	76.6	11 200										36.0
38.0	47.9	71.4	8 600*	51.7	73.3	9 600*	53.9	74.2	10 100*	57.4	75.4	10 700										38.0
40.0	44.9	69.4	8 100*	48.9	71.7	8 900*	51.1	72.7	9 400*	54.7	74.0	9 900										40.0
42.0	41.6	67.3	7 500*	45.9	69.8	8 300*	48.2	71.0	8 800*	52.0	72.5	9 400	55.4	73.5	8 400							42.0
44.0	38.2	64.9	7 000*	42.7	67.8	7 800*	45.2	69.1	8 300*	49.1	70.9	8 800	52.7	72.1	7 900							44.0
46.0	34.5	62.2	6 500*	39.3	65.5	7 300*	42.0	67.0	7 700*	46.1	69.1	8 300	49.9	70.5	7 400							46.0
48.0	30.3	59.1	6 100*	35.7	62.9	6 800*	38.6	64.7	7 200*	43.0	67.0	7 800	46.9	68.7	7 000	50.5	69.8	6 200				48.0
50.0	25.6	55.3	5 700*	31.7	59.9	6 300*	34.9	62.0	6 700*	39.6	64.8	7 400*	43.8	66.7	6 600	47.5	68.0	5 800				50.0
52.0	19.9	50.5	5 200*	27.2	56.3	5 900*	30.8	58.9	6 300*	36.0	62.2	6 900*	40.5	64.5	6 200	44.5	66.1	5 400				52.0
54.0	11.8	43.5	4 800*	21.9	51.9	5 400*	26.2	55.2	5 800*	32.0	59.2	6 400*	37.0	62.0	5 800	41.2	63.9	5 100	45.0	65.1	4 400	54.0
56.0				14.9	45.9	4 900*	20.6	50.6	5 300*	27.6	55.7	6 000*	33.1	59.2	5 400	37.7	61.5	4 700	41.8	63.0	4 100	56.0
58.0										22.3	51.4	5 500*	28.8	55.8	5 100	34.0	58.7	4 400	38.3	60.7	3 800	58.0
60.0										15.5	45.6	5 000*	23.8	51.8	4 800	29.8	55.5	4 100	34.6	58.0	3 500	60.0
62.0													17.5	46.5	4 500	25.0	51.7	3 900	30.5	54.8	3 300	62.0
64.0													7.2	37.4	4 300	19.1	46.7	3 600	25.8	51.1	3 100	64.0
66.0																			20.2	46.4	2 900	66.0
68.0																			12.2	39.5	2 700	68.0

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

**LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING**

33.5m (110 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB. OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	61.1	54.6	44 300*b																		13.7	
14.0	60.1	54.4	43 700b																		14.0	
16.0	53.7	53.1	39 400b																		16.0	
18.0	46.7	51.5	35 000	56.7	53.5	32 500b															18.0	
20.0	38.8	49.3	31 600	50.0	52.0	29 200b	55.8	53.0	27 800b												20.0	
22.0	29.2	46.4	28 800	42.6	50.1	26 600	49.1	51.5	25 300b	58.5	52.9	23 300b									22.0	
24.0	14.9	41.4	24 100	33.9	47.6	24 300	41.5	49.5	23 100	52.0	51.5	21 300									24.0	
26.0				22.5	43.8	22 500	32.6	46.8	21 300	44.8	49.7	19 600	54.6	51.1	17 900b						26.0	
28.0										36.6	47.4	18 100	47.7	49.5	16 500						28.0	
30.0							20.5	42.8	19 800	26.2	44.1	16 700	39.9	47.4	15 300						30.0	
32.0										7.9	37.6	15 300	30.6	44.6	14 100	42.7	47.0	12 900			32.0	
34.0																34.0	44.5	11 800	44.9	46.2	10 700	34.0
36.0																22.7	40.8	10 900	36.6	43.9	9 900	36.0
38.0																			26.4	40.6	9 100	38.0

33.5m (110 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

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Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



EUROPEAN
STANDARDS

888 SERIES 1

33.5m (110 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	67.9	61.4	36 400*b																		13.7	
14.0	67.2	61.2	36 100*b																		14.0	
16.0	62.6	60.3	34 000*b																		16.0	
18.0	57.8	59.2	32 100*	64.7	60.5	31 100b															18.0	
20.0	52.7	57.8	30 300	60.0	59.4	27 900	64.1	60.0	26 600b												20.0	
22.0	47.3	56.1	27 500	55.1	58.1	25 400	59.4	59.0	24 200												22.0	
24.0	41.3	54.0	25 200	49.8	56.6	23 200	54.4	57.7	22 100												24.0	
26.0	34.5	51.5	23 300	44.1	54.7	21 400	49.1	56.1	20 300	56.5	57.5	18 600									26.0	
28.0	26.2	48.0	21 600	37.7	52.4	19 800	43.3	54.2	18 800	51.3	56.1	17 200									28.0	
30.0	14.0	42.6	18 800	30.2	49.5	18 400	36.8	51.8	17 500	45.8	54.3	15 900	53.4	55.7	14 500						30.0	
32.0				20.4	45.2	17 200	29.1	48.7	16 300	39.6	52.2	14 800	48.0	54.1	13 500						32.0	
34.0							18.7	44.2	15 100	32.5	49.4	13 900	42.1	52.1	12 500	49.9	53.5	11 300			34.0	
36.0										23.6	45.7	12 800	35.4	49.6	11 700	44.1	51.7	10 500			36.0	
38.0										8.4	38.7	11 900	27.4	46.3	10 800	37.8	49.4	9 700			38.0	
40.0																30.3	46.4	9 000	39.7	48.7	8 000	40.0
42.0																20.6	42.2	8 400	32.6	45.9	7 500	42.0
44.0																			23.7	42.2	7 000	44.0

33.5m (110 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	70.2	64.6	34 000* b																		13.7	
14.0	69.6	64.5	33 700* b																		14.0	
16.0	65.5	63.7	31 700* b																		16.0	
18.0	61.3	62.7	29 900* b	67.4	63.8	30 500 b															18.0	
20.0	57.0	61.5	28 200* b	63.3	62.9	27 500	66.9	63.4	26 200 b												20.0	
22.0	52.3	60.1	26 600	59.0	61.8	25 000	62.7	62.4	23 800												22.0	
24.0	47.4	58.4	24 900	54.5	60.5	22 800	58.4	61.3	21 700												24.0	
26.0	42.1	56.4	22 900	49.7	58.9	21 000	53.9	60.0	20 000	60.2	61.1	18 300									26.0	
28.0	36.1	53.9	21 200	44.6	57.0	19 400	49.0	58.4	18 500	55.8	59.9	16 800									28.0	
30.0	29.1	50.8	19 800	38.9	54.8	18 100	43.9	56.5	17 200	51.1	58.4	15 600									30.0	
32.0	20.1	46.4	18 500	32.5	52.0	16 900	38.1	54.2	16 000	46.1	56.6	14 600	53.0	58.1	13 200						32.0	
34.0				24.6	48.4	15 800	31.5	51.3	15 000	40.6	54.5	13 600	48.1	56.4	12 300						34.0	
36.0				12.9	42.5	14 700	23.4	47.5	14 000	34.4	51.9	12 700	42.8	54.4	11 500	49.8	55.8	10 300				36.0
38.0										10.4	40.9	13 000	27.1	48.5	11 800	36.9	52.0	10 700	44.6	54.0	9 600	
40.0										17.1	43.6	11 000	30.1	49.0	10 000	39.0	51.7	8 900	46.1	53.1	8 000	40.0
42.0																32.6	49.0	8 300	40.7	51.0	7 400	42.0
44.0													21.5	44.9	9 300	24.7	45.3	7 800	34.5	48.4	6 900	44.0
46.0																			27.2	45.1	6 400	46.0
48.0																			17.2	40.2	6 000	48.0

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



EUROPEAN
STANDARDS

888 SERIES 1

65 360 kg COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

33.5m (110 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

[illegible]

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

33.5m (110 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	73.6	71.0	26 500*																			13.7
14.0	73.1	70.9	26 400*																			14.0
16.0	69.8	70.3	25 600*																			16.0
18.0	66.4	69.5	24 400*																			18.0
20.0	63.0	68.5	23 100*	68.0	69.6	25 200*																20.0
22.0	59.4	67.4	21 900*	64.6	68.7	23 900																22.0
24.0	55.7	66.2	20 800*	61.0	67.7	22 000	64.1	68.3	20 900													24.0
26.0	51.8	64.7	19 700*	57.4	66.5	20 200	60.6	67.2	19 200													26.0
28.0	47.7	63.0	18 700*	53.6	65.1	18 700	56.9	66.0	17 700													28.0
30.0	43.3	61.0	17 800*	49.6	63.5	17 400	53.1	64.6	16 400	58.5	65.8	15 000										30.0
32.0	38.5	58.7	17 100*	45.3	61.7	16 200	49.0	63.0	15 300	54.7	64.5	13 900										32.0
34.0	33.2	55.9	16 300*	40.7	59.5	15 100	44.7	61.1	14 300	50.8	63.0	13 000	56.2	64.1	11 700							34.0
36.0	26.9	52.5	15 600	35.7	57.0	14 200	40.1	58.9	13 400	46.6	61.2	12 100	52.3	62.7	10 900							36.0
38.0	18.8	47.7	14 600	29.9	53.9	13 400	35.0	56.3	12 600	42.1	59.2	11 400	48.2	61.0	10 200							38.0
40.0				22.8	49.8	12 500	29.0	53.1	11 900	37.2	56.8	10 700	43.9	59.1	9 600	49.6	60.4	8 500				40.0
42.0				12.5	43.6	11 700	21.7	48.9	11 100	31.7	53.9	10 000	39.2	56.8	9 000	45.4	58.6	8 000				42.0
44.0							10.4	41.9	10 400	25.0	50.2	9 400	33.9	54.1	8 400	40.8	56.5	7 500				44.0
46.0										16.1	44.8	8 800	27.8	50.8	7 900	35.7	53.9	7 000	42.1	55.7	6 100	46.0
48.0													20.0	46.3	7 300	30.0	50.8	6 500	37.2	53.3	5 700	48.0
50.0																22.9	46.8	6 100	31.7	50.4	5 300	50.0
52.0																			25.1	46.7	5 000	52.0
54.0																			16.2	41.4	4 600	54.0



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

**LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING**

33.5m (110 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60DEGREE BOOM ANGLE					
JIB OPER. RAD.	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB OPER. RAD.		
13.7	74.9	74.2	24 800*																		13.7			
14.0	74.5	74.1	24 700*b																		14.0			
16.0	71.4	73.5	23 900*																		16.0			
18.0	68.3	72.8	22 600*																		18.0			
20.0	65.2	71.9	21 400*																		20.0			
22.0	62.0	70.9	20 300*	66.6	72.0	22 100*															22.0			
24.0	58.6	69.8	19 300*	63.5	71.1	21 000*															24.0			
26.0	55.2	68.5	18 300*	60.2	70.0	19 800															26.0			
28.0	51.6	67.0	17 400*	56.8	68.8	18 300															28.0			
30.0	47.8	65.3	16 500*	53.2	67.4	17 000															30.0			
32.0	43.8	63.3	15 700*	49.5	65.8	15 800	52.8	66.9	15 000	57.8	68.2	13 600									32.0			
34.0	39.4	61.1	15 000*	45.6	64.0	14 800	49.0	65.3	14 000	54.3	66.8	12 600									34.0			
36.0	34.6	58.4	14 300*	41.4	61.9	13 900	45.1	63.4	13 100	50.6	65.3	11 800									55.6	66.4	10 600	36.0
38.0	29.1	55.2	13 700*	36.8	59.4	13 100	40.8	61.3	12 300	46.8	63.5	11 100									52.1	65.0	9 900	38.0
40.0	22.5	51.1	13 200*	31.7	56.5	12 300	36.2	58.8	11 600	42.7	61.5	10 400									48.3	63.3	9 300	40.0
42.0	12.9	44.8	11 800*	25.7	52.8	11 600	31.0	55.7	10 900	38.2	59.2	9 800	44.3	61.4	8 700	49.6	62.7	7 700					42.0	
44.0				17.9	47.8	10 900	24.8	52.0	10 200	33.3	56.4	9 200	40.0	59.2	8 200	45.7	60.9	7 300					44.0	
46.0							16.6	46.7	9 600	27.5	53.0	8 600	35.2	56.6	7 700	41.5	58.8	6 800					46.0	
48.0										20.4	48.5	8 100	29.9	53.5	7 200	36.9	56.3	6 300					48.0	
50.0										9.0	40.9	7 600	23.4	49.5	6 700	31.8	53.4	5 900					50.0	
52.0																25.8	49.8	5 500	33.3	52.9	4 800	52.0		
54.0																18.0	44.8	5 200	27.6	49.5	4 400	54.0		
56.0																			20.5	45.0	4 100	56.0		

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

33.5m (110 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	76.0	77.3	23 100*b																			13.7
14.0	75.6	77.3	23 000*b																			14.0
16.0	72.8	76.7	22 000*																			16.0
18.0	70.0	76.0	20 800*																			18.0
20.0	67.1	75.2	19 800*																			20.0
22.0	64.1	74.3	18 700*	68.4	75.3	20 400*																22.0
24.0	61.1	73.3	17 700*	65.5	74.5	19 300*																24.0
26.0	58.0	72.1	16 700*	62.5	73.5	18 300*	65.1	74.1	18 500													26.0
28.0	54.8	70.8	15 900*	59.4	72.4	17 400*	62.1	73.1	17 100													28.0
30.0	51.4	69.3	15 000*	56.2	71.1	16 400*	59.0	71.9	15 900													30.0
32.0	47.9	67.6	14 200*	53.0	69.7	15 600*	55.8	70.7	14 800	60.3	71.7	13 400										32.0
34.0	44.1	65.7	13 500*	49.5	68.1	14 600	52.5	69.2	13 800	57.2	70.5	12 400										34.0
36.0	40.1	63.5	12 800*	45.9	66.3	13 700	49.0	67.6	12 900	53.9	69.2	11 600										36.0
38.0	35.8	60.9	12 100*	42.0	64.2	12 900	45.4	65.7	12 100	50.5	67.6	10 900	55.2	68.8	9 700							38.0
40.0	30.9	57.8	11 500*	37.8	61.8	12 200	41.5	63.6	11 400	46.9	65.8	10 200	51.8	67.3	9 100							40.0
42.0	25.2	54.1	11 000*	33.2	59.0	11 500	37.2	61.2	10 800	43.1	63.8	9 600	48.3	65.6	8 600							42.0
44.0	17.8	49.0	10 600*	27.9	55.6	10 800	32.5	58.3	10 200	39.1	61.6	9 100	44.6	63.7	8 100	49.6	65.0	7 100				44.0
46.0				21.5	51.3	10 200	27.1	54.8	9 600	34.6	58.9	8 600	40.7	61.5	7 600	45.9	63.2	6 600				46.0
48.0				12.2	44.7	9 500	20.5	50.3	9 000	29.5	55.7	8 000	36.4	59.0	7 100	42.1	61.1	6 200				48.0
50.0							10.3	43.0	8 400	23.5	51.7	7 500	31.6	56.1	6 700	37.9	58.8	5 900	43.2	60.4	5 000	50.0
52.0										15.4	46.0	7 100	26.0	52.4	6 300	33.3	56.0	5 400	39.1	58.1	4 700	52.0
54.0													18.9	47.6	5 900	28.0	52.6	5 100	34.6	55.4	4 400	54.0
56.0																21.6	48.2	4 800	29.6	52.2	4 100	56.0
58.0																			23.5	48.2	3 800	58.0
60.0																			15.5	42.6	3 600	60.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

33.5m (110 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.0	80.1	20 000*																			15.2
16.0	74.0	79.9	19 800*																			16.0
18.0	71.4	79.3	19 200*																			18.0
20.0	68.7	78.5	18 300*																			20.0
22.0	66.0	77.7	17 300*	69.9	78.6	18 300*																22.0
24.0	63.2	76.7	16 300*	67.2	77.8	17 800*																24.0
26.0	60.3	75.7	15 400*	64.5	76.9	16 900*	66.8	77.4	17 300*													26.0
28.0	57.4	74.5	14 600*	61.7	75.9	16 000*	64.1	76.5	16 800													28.0
30.0	54.4	73.1	13 700*	58.8	74.7	15 100*	61.3	75.4	15 600													30.0
32.0	51.2	71.6	13 000*	55.8	73.5	14 300*	58.4	74.3	14 500													32.0
34.0	48.0	69.9	12 300*	52.7	72.0	13 500*	55.4	73.0	13 600	59.6	74.1	12 300										34.0
36.0	44.5	68.0	11 600*	49.5	70.4	12 700*	52.3	71.5	12 700	56.6	72.9	11 500										36.0
38.0	40.8	65.8	11 000*	46.1	68.6	12 000*	49.0	69.9	11 900	53.6	71.5	10 700										38.0
40.0	36.8	63.3	10 400*	42.5	66.5	11 400*	45.6	68.0	11 200	50.4	69.9	10 000	54.8	71.1	9 000							40.0
42.0	32.4	60.4	9 800*	38.6	64.2	10 700*	42.0	65.9	10 600	47.1	68.1	9 400	51.7	69.6	8 400							42.0
44.0	27.3	56.9	9 300*	34.4	61.5	10 200*	38.1	63.6	10 000	43.6	66.2	8 900	48.4	67.9	7 900							44.0
46.0	21.2	52.5	8 800*	29.7	58.3	9 600*	33.8	60.8	9 400	39.8	63.9	8 400	44.9	66.0	7 400	49.5	67.3	6 500				46.0
48.0	12.6	45.9	8 500*	24.2	54.4	9 200*	29.0	57.5	8 900	35.7	61.3	8 000	41.3	63.9	7 000	46.1	65.5	6 100				48.0
50.0				17.1	49.1	8 700*	23.3	53.5	8 400	31.1	58.3	7 500	37.3	61.4	6 600	42.5	63.5	5 700				50.0
52.0							15.9	47.9	7 900	25.9	54.6	7 000	33.0	58.6	6 200	38.7	61.1	5 400	43.6	62.7	4 600	52.0
54.0										19.4	49.8	6 600	28.0	55.2	5 800	34.5	58.4	5 000	39.8	60.4	4 300	54.0
56.0										9.2	42.0	6 200	22.1	50.9	5 500	29.8	55.3	4 700	35.7	57.8	4 000	56.0
58.0																24.3	51.3	4 400	31.2	54.8	3 700	58.0
60.0																17.2	46.0	4 100	25.9	51.1	3 500	60.0
62.0																			19.4	46.4	3 200	62.0
64.0																			9.3	38.5	3 000	64.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

33.5m (110 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	76.0	83.3	17 300*																			15.2
16.0	75.0	83.0	17 200*																			16.0
18.0	72.6	82.5	16 700*																			18.0
20.0	70.1	81.8	16 400*																			20.0
22.0	67.6	81.0	15 800*																			22.0
24.0	65.0	80.1	14 900*	68.7	81.1	15 500*																24.0
26.0	62.4	79.1	14 000*	66.2	80.3	15 200*																26.0
28.0	59.7	78.0	13 200*	63.6	79.3	14 600*	65.8	79.8	14 600*													28.0
30.0	56.9	76.8	12 400*	60.9	78.3	13 700*	63.2	78.9	14 300*													30.0
32.0	54.1	75.4	11 700*	58.2	77.1	12 900*	60.5	77.8	13 600*													32.0
34.0	51.1	73.9	10 900*	55.4	75.8	12 100*	57.8	76.6	12 800*	61.7	77.6	11 900										34.0
36.0	48.0	72.2	10 300*	52.5	74.3	11 400*	55.0	75.3	12 100*	59.0	76.5	11 100										36.0
38.0	44.8	70.3	9 600*	49.4	72.7	10 700*	52.1	73.8	11 300*	56.2	75.2	10 400										38.0
40.0	41.3	68.1	9 100*	46.3	70.9	10 000*	49.0	72.2	10 700*	53.3	73.8	9 700	57.3	74.8	8 600							40.0
42.0	37.6	65.7	8 500*	42.9	68.9	9 400*	45.8	70.3	10 000*	50.3	72.2	9 100	54.4	73.4	8 100							42.0
44.0	33.6	62.9	8 000*	39.4	66.6	8 900*	42.5	68.3	9 400*	47.2	70.4	8 600	51.5	71.9	7 600							44.0
46.0	29.1	59.6	7 500*	35.5	64.0	8 300*	38.9	66.0	8 800*	43.9	68.5	8 100	48.4	70.2	7 100	52.5	71.2	6 200				46.0
48.0	23.8	55.6	7 100*	31.2	60.9	7 800*	34.9	63.3	8 300*	40.4	66.3	7 600	45.2	68.3	6 700	49.5	69.6	5 800				48.0
50.0	17.1	50.3	6 700*	26.3	57.3	7 400*	30.6	60.2	7 800*	36.6	63.8	7 200	41.8	66.2	6 300	46.3	67.8	5 400				50.0
52.0				20.4	52.7	6 900*	25.6	56.4	7 300*	32.5	60.9	6 900	38.1	63.8	5 900	43.0	65.8	5 100	47.2	67.0	4 300	52.0
54.0				12.0	45.8	6 600*	19.5	51.6	6 900*	27.8	57.4	6 400	34.1	61.1	5 600	39.4	63.5	4 800	43.9	65.0	4 000	54.0
56.0							10.3	44.1	6 600*	22.3	53.1	6 000	29.7	57.9	5 300	35.5	60.9	4 500	40.4	62.8	3 800	56.0
58.0										14.9	47.2	5 700	24.5	54.0	4 900	31.3	57.9	4 200	36.7	60.3	3 500	58.0
60.0													18.1	48.9	4 600	26.4	54.2	3 900	32.5	57.4	3 200	60.0
62.0																20.5	49.6	3 700	27.9	53.9	3 000	62.0
64.0																12.1	42.8	3 400	22.3	49.7	2 800	64.0
66.0																			14.9	43.7	2 600	66.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

33.5m (110 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.0	86.0	14 800*																			16.8
18.0	73.6	85.7	14 600*																			18.0
20.0	71.3	85.0	14 200*																			20.0
22.0	68.9	84.3	13 800*																			22.0
24.0	66.5	83.5	13 400*																			24.0
26.0	64.1	82.6	12 900*	67.6	83.6	13 100*																26.0
28.0	61.6	81.5	12 100*	65.2	82.7	12 800*	67.3	83.2	12 500*													28.0
30.0	59.1	80.4	11 300*	62.8	81.7	12 500*	64.9	82.3	12 300*													30.0
32.0	56.5	79.1	10 600*	60.3	80.6	11 800*	62.4	81.3	12 100*													32.0
34.0	53.8	77.7	10 000*	57.7	79.4	11 000*	59.9	80.2	11 700*													34.0
36.0	51.0	76.2	9 300*	55.0	78.1	10 300*	57.3	79.0	11 000*	61.0	80.0	10 800										36.0
38.0	48.1	74.5	8 700*	52.3	76.6	9 700*	54.7	77.6	10 300*	58.4	78.8	10 100										38.0
40.0	45.0	72.6	8 100*	49.4	75.0	9 000*	51.9	76.1	9 600*	55.8	77.5	9 400										40.0
42.0	41.8	70.5	7 600*	46.4	73.2	8 400*	49.0	74.5	9 000*	53.1	76.1	8 900	56.8	77.1	7 800							42.0
44.0	38.4	68.1	7 100*	43.3	71.2	7 900*	46.0	72.6	8 400*	50.2	74.5	8 300	54.1	75.7	7 300							44.0
46.0	34.7	65.4	6 600*	40.0	68.9	7 400*	42.9	70.6	7 900*	47.3	72.8	7 800	51.3	74.2	6 800							46.0
48.0	30.6	62.3	6 200*	36.4	66.4	6 900*	39.5	68.3	7 300*	44.2	70.8	7 400	48.5	72.5	6 400							48.0
50.0	25.9	58.6	5 800*	32.5	63.5	6 400*	35.9	65.7	6 900*	40.9	68.6	6 900	45.4	70.6	6 000	49.5	71.9	5 200				50.0
52.0	20.2	53.9	5 300*	28.1	60.1	6 000*	31.9	62.8	6 400*	37.5	66.2	6 600	42.2	68.6	5 700	46.5	70.1	4 800				52.0
54.0	12.3	47.0	4 800*	23.0	55.9	5 500*	27.5	59.3	6 000*	33.6	63.4	6 200	38.8	66.2	5 400	43.3	68.1	4 500				54.0
56.0				16.4	50.3	5 000*	22.2	54.9	5 500*	29.4	60.1	5 900	35.2	63.6	5 000	40.0	65.9	4 300	44.2	67.3	3 500	56.0
58.0							15.3	49.0	5 000*	24.5	56.2	5 600	31.1	60.5	4 800	36.4	63.3	4 000	41.0	65.1	3 200	58.0
60.0										18.5	51.1	5 200*	26.5	56.9	4 500	32.5	60.4	3 700	37.5	62.7	3 000	60.0
62.0										9.3	43.0	4 800*	21.0	52.3	4 200	28.2	57.0	3 500	33.7	59.9	2 800	62.0
64.0													13.6	45.9	3 900	23.0	52.8	3 300	29.5	56.6	2 600	64.0
66.0																16.5	47.3	3 000	24.6	52.7	2 400	66.0
68.0																			18.6	47.7	2 200	68.0
70.0																			9.4	39.6	2 100	70.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

36.6m (120 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	61.4	57.7	44 300*b																			13.7
14.0	60.5	57.6	43 500b																			14.0
16.0	54.1	56.3	38 400b																			16.0
18.0	47.1	54.6	34 300																			18.0
20.0	39.3	52.5	31 000	57.9	56.8	31 500b																20.0
				51.3	55.3	28 300b																
22.0	29.8	49.6	28 300	44.0	53.5	25 800	50.9	54.9	24 400b	61.0	56.3	22 300b										22.0
24.0	16.0	44.9	24 500	35.6	51.1	23 600	43.6	53.1	22 400	54.6	55.0	20 300b										24.0
26.0				25.0	47.7	21 800	35.1	50.6	20 600	47.7	53.4	18 700										26.0
28.0							24.3	47.1	19 100	40.0	51.3	17 300	51.4	53.3	15 600b							28.0
30.0										30.7	48.5	16 000	44.1	51.4	14 400							30.0
32.0										17.5	44.0	15 000	35.7	49.1	13 400	47.6	51.1	12 000				32.0
34.0													25.1	45.6	12 500	39.8	49.0	11 200				34.0
36.0																30.4	46.1	10 300	43.0	48.4	9 200	36.0
38.0																17.1	41.6	9 600	34.5	45.9	8 500	38.0
40.0																			23.3	42.2	7 800	40.0

36.6m (120 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	65.2	61.1	40 000*b																			13.7
14.0	64.5	61.0	39 600*b																			14.0
16.0	59.1	59.9	37 100b																			16.0
18.0	53.5	58.6	33 500																			18.0
20.0	47.4	56.9	30 200	62.3	60.3	30 800b																20.0
				56.8	59.1	27 700b																
22.0	40.6	54.9	27 500	51.0	57.6	25 200	56.5	58.7	23 800b													22.0
24.0	32.7	52.2	25 300	44.7	55.8	23 000	50.7	57.2	21 800	59.6	58.6	19 800b										24.0
26.0	22.6	48.4	23 300	37.5	53.5	21 200	44.3	55.4	20 000	54.0	57.3	18 200										26.0
28.0				28.9	50.5	19 700	37.1	53.1	18 600	47.9	55.7	16 800										28.0
30.0				16.8	45.7	18 400	28.4	50.0	17 300	41.2	53.7	15 500	51.1	55.6	14 000							30.0
32.0							15.9	45.0	16 200	33.4	51.0	14 500	44.7	53.8	13 000							32.0
34.0										23.6	47.4	13 500	37.6	51.5	12 100	47.7	53.4	10 800				34.0
36.0													29.0	48.4	11 300	41.0	51.3	10 000				36.0
38.0													17.0	43.7	10 500	33.2	48.7	9 300				38.0
40.0																23.3	45.0	8 600				40.0
42.0																			36.5	48.3	7 600	42.0
44.0																			27.7	45.1	7 000	44.0
																			14.6	39.9	6 500	

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

36.6m (120 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	68.1	64.4	36 200*b																			13.7
14.0	67.5	64.3	35 900*b																			14.0
16.0	62.9	63.4	34 000*b																			16.0
18.0	58.1	62.3	32 100*	65.6	63.7	30 100b																18.0
20.0	53.0	60.9	29 600	60.9	62.7	27 100	65.3	63.3	25 700b													20.0
22.0	47.6	59.2	27 000	56.0	61.4	24 600	60.6	62.3	23 300b													22.0
24.0	41.6	57.2	24 700	50.8	59.9	22 500	55.7	61.0	21 300													24.0
26.0	34.8	54.7	22 800	45.2	58.1	20 700	50.5	59.5	19 600	58.5	61.0	17 800										26.0
28.0	26.7	51.3	21 200	38.9	55.9	19 200	44.8	57.7	18 100	53.4	59.6	16 400										28.0
30.0	14.9	46.0	19 000	31.7	53.1	17 900	38.6	55.5	16 800	48.0	58.0	15 200										30.0
32.0				22.5	49.2	16 800	31.3	52.6	15 700	42.1	56.0	14 100	50.8	57.9	12 700							32.0
34.0							21.9	48.6	14 700	35.4	53.5	13 200	45.2	56.1	11 800							34.0
36.0										27.4	50.3	12 400	39.0	53.9	11 000	47.9	55.7	9 700				36.0
38.0										16.2	45.3	11 500	31.8	51.0	10 300	42.0	53.7	9 100				38.0
40.0													22.6	47.1	9 600	35.3	51.2	8 500	44.4	53.0	7 400	40.0
42.0																27.2	47.9	7 900	38.1	50.7	6 800	42.0
44.0																15.8	42.8	7 300	30.7	47.8	6 300	44.0
46.0																			21.1	43.7	5 900	46.0

36.6m (120 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	70.4	67.7	33 900*b																			13.7
14.0	69.8	67.6	33 600*b																			14.0
16.0	65.8	66.8	31 600*b																			16.0
18.0	61.6	65.8	29 900*																			18.0
20.0	57.2	64.6	28 200*	68.2	67.0	29 600b																20.0
				64.0	66.1	26 700																
22.0	52.6	63.2	26 500	59.8	65.0	24 200	63.8	65.7	23 000													22.0
24.0	47.7	61.5	24 300	55.3	63.7	22 200	59.5	64.6	21 000													24.0
26.0	42.4	59.5	22 500	50.6	62.2	20 400	55.1	63.4	19 200	61.9	64.5	17 400										26.0
28.0	36.5	57.1	20 800	45.6	60.4	18 900	50.3	61.8	17 800	57.6	63.3	16 100										28.0
30.0	29.6	54.0	19 400	40.0	58.3	17 600	45.3	60.0	16 500	53.0	62.0	14 900										30.0
32.0	20.7	49.8	18 200	33.8	55.6	16 400	39.7	57.8	15 400	48.1	60.3	13 800										32.0
34.0				26.2	52.2	15 400	33.4	55.1	14 400	42.8	58.3	12 900	50.7	60.2	11 500							34.0
36.0				15.7	46.9	14 500	25.8	51.6	13 600	37.0	55.9	12 100	45.6	58.4	10 800							36.0
38.0							14.9	46.2	12 700	30.2	52.9	11 400	40.1	56.2	10 100							38.0
40.0										21.6	48.8	10 700	33.8	53.6	9 400	48.0	58.0	8 900				40.0
																42.7	56.0	8 300				
42.0													26.3	50.1	8 900	36.8	53.6	7 800	44.9	55.3	6 700	42.0
44.0													15.8	44.9	8 300	30.0	50.6	7 300	39.3	53.1	6 300	44.0
46.0																21.3	46.4	6 700	32.9	50.3	5 800	46.0
48.0																			25.1	46.7	5 400	48.0
50.0																			13.8	41.1	5 000	50.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

36.6m (120 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.3	70.9	31 800*																			13.7
14.0	71.7	70.8	31 600*																			14.0
16.0	68.1	70.1	30 000*																			16.0
18.0	64.3	69.2	28 600*																			18.0
20.0	60.5	68.2	27 200*	66.6	69.4	26 200																20.0
22.0	56.5	66.9	25 700	62.8	68.5	23 900	66.4	69.1	22 600													22.0
24.0	52.3	65.5	24 000	58.9	67.4	21 800	62.6	68.1	20 700													24.0
26.0	47.8	63.8	22 100	54.8	66.1	20 100	58.6	67.0	19 000													26.0
28.0	43.0	61.9	20 500	50.5	64.5	18 600	54.5	65.7	17 500	60.8	66.9	15 800										28.0
30.0	37.7	59.5	19 100	45.9	62.8	17 300	50.2	64.1	16 300	56.8	65.7	14 700										30.0
32.0	31.7	56.6	17 900	40.9	60.6	16 100	45.6	62.3	15 200	52.6	64.3	13 600										32.0
34.0	24.5	52.9	16 800	35.4	58.1	15 100	40.6	60.2	14 200	48.2	62.6	12 700	54.8	64.0	11 300							34.0
36.0	14.1	47.2	15 000	29.0	54.9	14 200	35.0	57.6	13 300	43.4	60.7	11 900	50.5	62.5	10 600							36.0
38.0				20.8	50.6	13 500	28.6	54.4	12 600	38.2	58.3	11 200	45.9	60.7	9 900							38.0
40.0							20.3	50.0	11 800	32.3	55.5	10 500	41.0	58.6	9 300	48.1	60.3	8 100				40.0
42.0										25.2	51.9	9 900	35.4	56.0	8 700	43.3	58.3	7 600				42.0
44.0										15.3	46.4	9 300	29.0	52.9	8 200	38.1	56.0	7 200				44.0
46.0													20.9	48.6	7 700	32.1	53.1	6 700	40.2	55.5	5 800	46.0
48.0																25.0	49.5	6 300	34.6	52.8	5 400	48.0
50.0																14.9	44.0	5 900	28.0	49.6	5 000	50.0
52.0																			19.6	45.0	4 700	52.0

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LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

36.6m (120 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m	
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		
13.7	73.8	74.1	26 200*	68.6	72.7	25 300															13.7		
14.0	73.3	74.0	26 100*																				14.0
16.0	70.0	73.4	25 400*																				16.0
18.0	66.6	72.6	24 400*																				18.0
20.0	63.2	71.6	23 100*																				20.0
22.0	59.6	70.5	21 900*	65.2	71.9	23 400															22.0		
24.0	55.9	69.3	20 800*	61.7	70.9	21 300	65.0	71.5	20 200												24.0		
26.0	52.0	67.8	19 700*	58.1	69.7	19 700	61.5	70.5	18 500												26.0		
28.0	47.9	66.1	18 800*	54.3	68.4	18 100	57.9	69.3	17 100												28.0		
30.0	43.5	64.2	17 900*	50.4	66.8	16 800	54.1	68.0	15 900	59.9	69.3	14 300									30.0		
32.0	38.8	61.9	17 100*	46.2	65.1	15 700	50.1	66.4	14 700	56.2	68.0	13 200									32.0		
34.0	33.5	59.2	16 300	41.6	63.0	14 700	45.9	64.6	13 800	52.3	66.6	12 300									34.0		
36.0	27.3	55.7	15 400	36.7	60.5	13 800	41.4	62.5	12 900	48.3	64.9	11 500	54.3	66.3	10 200						36.0		
38.0	19.3	51.1	14 500	31.0	57.5	13 000	36.4	60.1	12 100	43.9	63.0	10 800	50.4	64.8	9 600						38.0		
40.0				24.3	53.7	12 300	30.7	57.0	11 500	39.2	60.7	10 200	46.2	63.0	8 900	52.2	64.2	7 800			40.0		
42.0				15.0	48.1	11 600	23.9	53.2	10 800	33.9	58.0	9 600	41.7	60.9	8 400	48.2	62.6	7 300			42.0		
44.0							14.3	47.4	10 200	27.8	54.7	9 100	36.7	58.5	7 900	43.8	60.6	6 800			44.0		
46.0										20.1	50.2	8 500	31.1	55.5	7 500	39.1	58.4	6 400	45.6	59.9	5 400	46.0	
48.0													24.4	51.7	7 000	33.8	55.7	6 000	41.0	57.8	5 100	48.0	
50.0													15.0	46.1	6 500	27.7	52.3	5 600	36.0	55.3	4 800	50.0	
52.0																19.9	47.8	5 300	30.3	52.2	4 400	52.0	
54.0																			23.3	48.3	4 100	54.0	
56.0																			13.3	42.2	3 800	56.0	

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

36.6m (120 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.1	77.3	24 500*																			13.7
14.0	74.6	77.2	24 400*																			14.0
16.0	71.6	76.6	23 700*																			16.0
18.0	68.5	75.9	22 500*																			18.0
20.0	65.4	75.0	21 400*	70.3	76.0	23 300*																20.0
22.0	62.1	74.0	20 300*	67.2	75.2	22 300*																22.0
24.0	58.8	72.9	19 300*	64.1	74.3	20 900																24.0
26.0	55.4	71.6	18 300*	60.8	73.3	19 200	63.9	73.9	18 100													26.0
28.0	51.8	70.1	17 400*	57.4	72.1	17 800	60.6	72.9	16 700													28.0
30.0	48.0	68.4	16 600*	53.9	70.7	16 500	57.2	71.7	15 500													30.0
32.0	44.0	66.5	15 800*	50.2	69.1	15 400	53.7	70.3	14 400	59.1	71.6	12 900										32.0
34.0	39.6	64.3	15 000*	46.4	67.4	14 400	50.0	68.7	13 500	55.7	70.3	12 000										34.0
36.0	34.9	61.6	14 400*	42.2	65.3	13 500	46.2	66.9	12 600	52.1	68.9	11 200										36.0
38.0	29.4	58.5	13 800*	37.7	62.9	12 700	42.0	64.9	11 800	48.3	67.2	10 500	53.9	68.6	9 200							38.0
40.0	22.9	54.4	13 200*	32.7	60.1	11 900	37.5	62.5	11 100	44.3	65.3	9 900	50.3	67.1	8 600							40.0
42.0	13.6	48.3	12 100*	26.9	56.6	11 300	32.4	59.6	10 500	40.0	63.1	9 300	46.4	65.3	8 100							42.0
44.0				19.6	51.9	10 700	26.5	56.1	10 000	35.3	60.5	8 800	42.3	63.2	7 600	48.2	64.9	6 600				44.0
46.0							19.1	51.3	9 400	29.9	57.4	8 300	37.8	60.9	7 200	44.2	63.0	6 200				46.0
48.0										23.5	53.4	7 800	32.8	58.0	6 800	39.9	60.7	5 800	45.9	62.2	4 800	48.0
50.0										14.6	47.6	7 300	26.9	54.6	6 400	35.2	58.1	5 400	41.7	60.1	4 500	50.0
52.0													19.6	49.9	6 000	29.8	55.0	5 100	37.1	57.7	4 200	52.0
54.0																23.3	51.0	4 700	32.0	54.8	3 900	54.0
56.0																14.3	45.1	4 500	26.1	51.2	3 700	56.0
58.0																			18.4	46.3	3 400	58.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

36.6m (120 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.1	80.0	22 300*																			15.2
16.0	72.9	79.8	21 900*																			16.0
18.0	70.1	79.1	20 800*																			18.0
20.0	67.2	78.3	19 700*																			20.0
22.0	64.3	77.4	18 700*	68.9	78.5	20 500*																22.0
24.0	61.3	76.4	17 700*	66.0	77.7	19 400*																24.0
26.0	58.2	75.2	16 800*	63.1	76.7	18 500*	65.9	77.3	17 900													26.0
28.0	54.9	73.9	15 900*	60.0	75.6	17 500	62.9	76.3	16 500													28.0
30.0	51.6	72.4	15 100*	56.8	74.4	16 300	59.8	75.3	15 300													30.0
32.0	48.1	70.7	14 300*	53.6	73.0	15 200	56.7	74.0	14 200													32.0
34.0	44.3	68.8	13 500*	50.2	71.4	14 200	53.4	72.6	13 300	58.4	74.0	11 800										34.0
36.0	40.4	66.6	12 800*	46.6	69.7	13 300	50.0	71.0	12 400	55.2	72.7	11 100										36.0
38.0	36.0	64.1	12 200*	42.7	67.6	12 500	46.4	69.2	11 600	51.9	71.2	10 300										38.0
40.0	31.2	61.1	11 600*	38.6	65.3	11 700	42.5	67.2	11 000	48.4	69.5	9 700	53.6	70.9	8 500							40.0
42.0	25.5	57.4	11 100*	34.1	62.6	11 100	38.4	64.9	10 300	44.7	67.6	9 100	50.2	69.4	7 900							42.0
44.0	18.3	52.4	10 600*	29.0	59.3	10 500	33.8	62.1	9 800	40.7	65.4	8 600	46.6	67.6	7 500							44.0
46.0				22.8	55.2	10 000	28.6	58.8	9 300	36.4	62.9	8 100	42.8	65.6	7 000	48.3	67.2	6 000				46.0
48.0				14.4	49.3	9 400	22.4	54.6	8 800	31.6	60.0	7 700	38.7	63.3	6 600	44.6	65.3	5 600				48.0
50.0							13.7	48.5	8 300	26.0	56.3	7 300	34.1	60.5	6 300	40.6	63.1	5 300				50.0
52.0										19.0	51.5	6 900	29.0	57.3	5 900	36.3	60.6	5 000	42.2	62.5	4 100	52.0
54.0													22.9	53.2	5 500	31.5	57.6	4 700	38.1	60.1	3 800	54.0
56.0													14.5	47.2	5 200	25.9	53.9	4 400	33.5	57.3	3 600	56.0
58.0																18.8	49.1	4 100	28.2	54.0	3 300	58.0
60.0																			21.9	49.7	3 100	60.0
62.0																			12.9	43.3	2 900	62.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

36.6m (120 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.2	83.2	19 600*																			15.2
16.0	74.1	83.0	19 400*																			16.0
18.0	71.5	82.3	19 000*																			18.0
20.0	68.8	81.6	18 300*																			20.0
22.0	66.1	80.8	17 300*																			22.0
24.0	63.3	79.8	16 400*	67.7	81.0	17 700*																24.0
26.0	60.5	78.8	15 500*	65.0	80.1	17 000*	67.6	80.6	16 900													26.0
28.0	57.6	77.6	14 600*	62.2	79.1	16 100*	64.8	79.7	16 300													28.0
30.0	54.6	76.2	13 800*	59.3	78.0	15 200*	62.0	78.7	15 000													30.0
32.0	51.4	74.7	13 000*	56.3	76.7	14 400*	59.1	77.6	14 000													32.0
34.0	48.1	73.0	12 300*	53.3	75.3	13 600*	56.2	76.3	13 100	60.7	77.5	11 600										34.0
36.0	44.7	71.1	11 600*	50.1	73.7	12 900*	53.1	74.9	12 200	57.8	76.3	10 800										36.0
38.0	41.0	69.0	11 000*	46.7	72.0	12 200*	49.9	73.3	11 500	54.8	75.0	10 100										38.0
40.0	37.0	66.5	10 400*	43.2	70.0	11 500*	46.5	71.5	10 800	51.7	73.5	9 500	56.4	74.7	8 300							40.0
42.0	32.6	63.6	9 800*	39.4	67.7	10 900*	43.0	69.5	10 200	48.4	71.8	9 000	53.3	73.3	7 800							42.0
44.0	27.6	60.2	9 300*	35.2	65.1	10 300*	39.2	67.2	9 600	45.0	69.9	8 400	50.1	71.7	7 300							44.0
46.0	21.6	55.8	8 900*	30.6	62.0	9 800*	35.0	64.6	9 100	41.3	67.8	8 000	46.8	69.9	6 900	51.6	71.2	5 800				46.0
48.0	13.2	49.4	8 500*	25.3	58.2	9 200*	30.4	61.5	8 600	37.3	65.3	7 500	43.2	67.9	6 500	48.3	69.5	5 500				48.0
50.0				18.6	53.2	8 800	25.0	57.7	8 200	33.0	62.5	7 100	39.4	65.6	6 100	44.9	67.6	5 100				50.0
52.0							18.1	52.6	7 700	28.1	59.1	6 700	35.3	63.0	5 700	41.2	65.4	4 800	46.3	66.8	4 000	52.0
54.0										22.1	54.8	6 400	30.7	59.9	5 400	37.2	63.0	4 500	42.7	64.8	3 700	54.0
56.0										14.1	48.7	6 000	25.3	56.2	5 100	32.9	60.1	4 300	38.9	62.5	3 400	56.0
58.0													18.6	51.2	4 800	27.9	56.7	4 000	34.7	59.8	3 200	58.0
60.0																22.0	52.4	3 800	30.0	56.7	3 000	60.0
62.0																13.8	46.2	3 500	24.5	52.8	2 800	62.0
64.0																			17.5	47.6	2 600	64.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

36.6m (120 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.2	85.9	16 600*																			16.8
18.0	72.7	85.5	16 400*																			18.0
20.0	70.2	84.9	16 000*																			20.0
22.0	67.7	84.1	15 700*																			22.0
24.0	65.1	83.2	14 900*	69.2	84.3	15 200*																24.0
26.0	62.5	82.2	14 100*	66.6	83.4	15 000*																26.0
28.0	59.8	81.1	13 200*	64.1	82.5	14 600*	66.5	83.1	14 300*													28.0
30.0	57.1	79.9	12 400*	61.4	81.5	13 900*	63.9	82.2	14 100*													30.0
32.0	54.2	78.6	11 700*	58.7	80.3	13 000*	61.3	81.1	13 600*													32.0
34.0	51.3	77.0	11 000*	55.9	79.1	12 200*	58.5	80.0	12 700*													34.0
36.0	48.2	75.3	10 300*	53.0	77.6	11 500*	55.7	78.7	11 900*	60.1	79.9	10 500										36.0
38.0	45.0	73.4	9 700*	50.0	76.0	10 800*	52.9	77.2	11 100*	57.3	78.7	9 800										38.0
40.0	41.5	71.3	9 100*	46.9	74.3	10 200*	49.8	75.6	10 400*	54.5	77.3	9 200										40.0
42.0	37.8	68.9	8 600*	43.6	72.3	9 600*	46.7	73.8	9 800*	51.5	75.8	8 600	55.9	77.0	7 500							42.0
44.0	33.8	66.1	8 000*	40.0	70.1	9 000*	43.4	71.9	9 300*	48.4	74.1	8 100	53.0	75.6	7 000							44.0
46.0	29.3	62.9	7 500*	36.2	67.5	8 400*	39.8	69.6	8 800*	45.2	72.2	7 600	50.0	74.0	6 600							46.0
48.0	24.1	58.9	7 100*	32.0	64.6	7 900*	36.0	67.0	8 300*	41.8	70.1	7 200	46.9	72.2	6 100	51.4	73.5	5 200				48.0
50.0	17.5	53.6	6 800*	27.3	61.0	7 500*	31.8	64.1	7 900*	38.2	67.7	6 800	43.6	70.2	5 800	48.4	71.8	4 800				50.0
52.0				21.6	56.6	7 000*	27.0	60.5	7 400*	34.2	65.0	6 400	40.1	68.0	5 500	45.1	69.9	4 500				52.0
54.0				13.9	50.4	6 700*	21.3	56.0	7 100*	29.7	61.8	6 100	36.3	65.4	5 100	41.7	67.8	4 200	46.5	69.1	3 400	54.0
56.0							13.4	49.6	6 700	24.6	57.9	5 800	32.1	62.5	4 800	38.1	65.4	3 900	43.1	67.1	3 100	56.0
58.0										18.1	52.8	5 500	27.3	59.0	4 600	34.1	62.6	3 700	39.6	64.9	2 900	58.0
60.0													21.7	54.6	4 300	29.6	59.4	3 500	35.7	62.3	2 700	60.0
62.0													14.0	48.4	4 100	24.4	55.5	3 300	31.5	59.3	2 500	62.0
64.0																17.9	50.3	3 100	26.6	55.7	2 300	64.0
66.0																			20.8	51.1	2 200	66.0
68.0																			12.6	44.4	2 000	68.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

36.6m (120 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.1	89.1	14 600*																			16.8
18.0	73.7	88.7	14 300*																			18.0
20.0	71.4	88.1	14 000*																			20.0
22.0	69.1	87.4	13 600*																			22.0
24.0	66.7	86.6	13 200*																			24.0
26.0	64.2	85.7	12 900*	68.1	86.8	12 900*																26.0
28.0	61.8	84.6	12 100*	65.7	85.9	12 600*																28.0
30.0	59.2	83.5	11 400*	63.2	84.9	12 400*	65.5	85.5	12 100*													30.0
32.0	56.6	82.3	10 700*	60.7	83.9	11 900*	63.1	84.6	11 900*													32.0
34.0	53.9	80.9	10 000*	58.2	82.7	11 200*	60.6	83.5	11 700*													34.0
36.0	51.1	79.3	9 300*	55.5	81.4	10 500*	58.0	82.3	11 200*													36.0
38.0	48.2	77.6	8 700*	52.8	79.9	9 800*	55.4	81.0	10 500*	59.4	82.2	9 600										38.0
40.0	45.2	75.8	8 100*	50.0	78.3	9 200*	52.6	79.5	9 800*	56.8	81.0	8 900										40.0
42.0	42.0	73.7	7 600*	47.0	76.6	8 600*	49.8	77.9	9 200*	54.1	79.6	8 300										42.0
44.0	38.6	71.3	7 100*	43.9	74.6	8 000*	46.8	76.2	8 600*	51.4	78.1	7 800	55.5	79.3	6 700							44.0
46.0	34.9	68.6	6 600*	40.6	72.4	7 500*	43.7	74.2	8 000*	48.5	76.4	7 400	52.8	77.9	6 300							46.0
48.0	30.8	65.5	6 200*	37.1	69.9	7 000*	40.4	72.0	7 500*	45.5	74.5	6 900	50.0	76.3	5 900							48.0
50.0	26.1	61.8	5 800*	33.2	67.1	6 500*	36.9	69.5	7 000*	42.3	72.5	6 500	47.0	74.5	5 500	51.3	75.8	4 600				50.0
52.0	20.6	57.2	5 300*	29.0	63.8	6 100*	33.0	66.6	6 500*	38.9	70.1	6 200	43.9	72.5	5 200	48.4	74.1	4 300				52.0
54.0	12.9	50.5	4 800*	24.0	59.8	5 600*	28.7	63.2	6 100*	35.2	67.5	5 800	40.6	70.3	4 900	45.4	72.2	4 000				54.0
56.0				17.8	54.5	5 100*	23.7	59.2	5 600*	31.1	64.4	5 500	37.1	67.9	4 600	42.2	70.1	3 700				56.0
58.0							17.4	53.8	5 100*	26.6	60.8	5 200	33.3	65.0	4 300	38.8	67.8	3 500	43.5	69.5	2 700	58.0
60.0										21.1	56.3	5 000	29.0	61.7	4 000	35.1	65.1	3 200	40.2	67.2	2 500	60.0
62.0										13.7	49.9	4 700	24.0	57.7	3 800	31.0	62.0	3 000	36.6	64.7	2 300	62.0
64.0													17.8	52.5	3 700	26.4	58.4	2 900	32.7	61.8	2 100	64.0
66.0																20.9	53.8	2 700	28.4	58.4	1 900	66.0
68.0																13.4	47.4	2 500				68.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

39.6m (130 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	61.7	60.8	43 300b																			13.7
14.0	60.8	60.7	42 500b																			14.0
16.0	54.4	59.4	37 500b																			16.0
18.0	47.5	57.8	33 500	59.1	60.0	30 500b																18.0
20.0	39.7	55.7	30 300	52.6	58.6	27 500b	59.2	59.7	26 000b													20.0
22.0	30.4	52.8	27 700	45.5	56.9	25 000	52.7	58.3	23 600b													22.0
24.0	17.0	48.3	24 800	37.3	54.6	22 900	45.6	56.6	21 600	57.2	58.5	19 400b										24.0
26.0				27.3	51.5	21 200	37.5	54.4	19 900	50.5	57.0	17 800b										26.0
28.0							27.5	51.2	18 400	43.2	55.2	16 500	54.9	56.9	14 700b							28.0
30.0										34.6	52.7	15 300	48.0	55.3	13 600							30.0
32.0										23.6	49.1	14 300	40.3	53.3	12 700							32.0
34.0													31.0	50.5	11 800	44.9	53.1	10 300				34.0
36.0													18.1	46.1	11 000	36.7	50.8	9 700				36.0
38.0																26.4	47.6	9 000	41.1	50.5	7 800	38.0
40.0																			32.1	47.8	7 200	40.0
42.0																			19.8	43.7	6 700	42.0

39.6m (130 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	65.5	64.2	39 900*b																			13.7
14.0	64.7	64.1	39 500*b																			14.0
16.0	59.4	63.0	36 800b																			16.0
18.0	53.8	61.7	32 800	63.3	63.5	29 800b																18.0
20.0	47.7	60.1	29 600	57.9	62.4	26 900b	63.4	63.2	25 300b													20.0
22.0	41.0	58.0	27 000	52.1	61.0	24 400	58.0	62.0	23 000b													22.0
24.0	33.2	55.4	24 800	45.9	59.2	22 400	52.3	60.6	21 000													24.0
26.0	23.2	51.7	22 900	38.9	57.0	20 600	46.1	58.9	19 300	56.2	60.8	17 300										26.0
28.0				30.7	54.2	19 100	39.1	56.7	17 900	50.4	59.3	16 000										28.0
30.0				19.6	49.9	17 900	30.9	53.9	16 600	43.9	57.5	14 800	54.2	59.2	13 100							30.0
32.0							20.0	49.7	15 600	36.7	55.1	13 800	48.1	57.6	12 200							32.0
34.0										27.9	51.9	12 900	41.4	55.6	11 400							34.0
36.0										15.0	46.8	12 100	33.7	53.0	10 600	45.4	55.5	9 300				36.0
38.0													24.0	49.4	10 000	38.4	53.2	8 600				38.0
40.0																30.0	50.3	8 100				40.0
42.0																18.6	45.9	7 500	42.2	50.3	6 900	42.0
44.0																			25.2	46.8	6 000	44.0

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

**LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING**

39.6m (130 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	68.4	67.5	36 100*b																		13.7	
14.0	67.7	67.4	35 900*b																		14.0	
16.0	63.1	66.5	33 900*b																		16.0	
18.0	58.3	65.4	31 900																		18.0	
20.0	53.3	64.0	29 000																		20.0	
22.0	47.9	62.4	26 400	66.4	66.8	29 200b															22.0	
24.0	41.9	60.4	24 200	61.8	65.9	26 300b	66.5	66.5	24 800b												24.0	
26.0	35.2	57.9	22 400				61.9	65.6	22 500b												26.0	
28.0	27.2	54.6	20 800				57.1	64.4	20 600												28.0	
30.0	15.7	49.5	19 200				51.9	63.0	18 900	60.4	64.4	16 900									30.0	
32.0							46.4	61.2	17 500	55.4	63.1	15 600									32.0	
34.0							40.3	59.1	16 200	50.2	61.6	14 500									34.0	
36.0				24.5	53.1	16 300	33.3	56.4	15 100	44.5	59.8	13 400	53.6	61.5	11 800						36.0	
38.0							24.7	52.8	14 200	38.2	57.5	12 500	48.2	59.9	11 000						38.0	
40.0										30.8	54.6	11 800	42.3	57.9	10 300						40.0	
42.0										21.3	50.5	11 100	35.7	55.5	9 600	45.8	57.8	8 300			42.0	
44.0													27.7	52.2	9 100	39.7	55.6	7 800			44.0	
46.0													16.7	47.3	8 500	32.6	52.9	7 300	43.0	55.1	6 200	
48.0																23.8	49.1	6 800	36.4	52.7	5 800	
																			28.7	49.6	5 400	
																			18.1	45.0	5 000	

39.6m (130 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	70.6	70.8	33 700* b																		13.7	
14.0	70.0	70.7	33 500* b																		14.0	
16.0	66.0	69.9	31 600* b																		16.0	
18.0	61.8	68.9	29 800* b																		18.0	
20.0	57.4	67.7	28 200	64.8	69.3	25 900															20.0	
22.0	52.8	66.3	26 100	60.6	68.3	23 500	64.9	69.0	22 100 b												22.0	
24.0	48.0	64.7	23 900	56.2	67.0	21 500	60.7	67.9	20 200												24.0	
26.0	42.7	62.7	22 000	51.5	65.6	19 800	56.3	66.7	18 600												26.0	
28.0	36.8	60.3	20 400	46.5	63.8	18 400	51.6	65.3	17 200	59.3	66.8	15 400									28.0	
30.0	30.0	57.3	19 100	41.1	61.7	17 100	46.7	63.5	16 000	54.8	65.5	14 200									30.0	
32.0	21.2	53.1	17 900	35.0	59.2	16 000	41.2	61.5	14 900	50.1	63.9	13 200									32.0	
34.0				27.8	55.9	15 000	35.2	58.9	13 900	45.0	62.1	12 300	53.2	63.8	10 800						34.0	
36.0				18.1	51.2	14 100	28.0	55.7	13 100	39.4	59.9	11 500	48.3	62.2	10 100						36.0	
38.0							18.4	51.0	12 400	33.0	57.2	10 800	43.0	60.3	9 400						38.0	
40.0										25.3	53.6	10 200	37.2	57.9	8 800	46.2	60.1	7 600			40.0	
42.0										14.1	48.0	9 600	30.4	54.9	8 300	40.7	58.0	7 100			42.0	
44.0													21.9	50.8	7 800	34.5	55.4	6 700	43.6	57.5	5 600	44.0
46.0																27.2	52.0	6 300	37.8	55.1	5 200	46.0
48.0																17.3	47.1	5 900	31.2	52.2	4 900	48.0
50.0																			22.9	48.3	4 500	50.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

39.6m (130 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.5	74.0	31 600*b																			13.7
14.0	71.9	73.9	31 400*b																			14.0
16.0	68.3	73.2	29 900*b																			16.0
18.0	64.5	72.3	28 500*																			18.0
20.0	60.7	71.3	27 100*	67.2	72.6	25 500																20.0
22.0	56.7	70.1	25 600	63.5	71.7	23 200																22.0
24.0	52.5	68.6	23 500	59.6	70.6	21 200	63.6	71.4	19 900													24.0
26.0	48.1	67.0	21 600	55.5	69.4	19 500	59.7	70.3	18 300													26.0
28.0	43.3	65.0	20 100	51.3	67.9	18 100	55.6	69.0	16 900													28.0
30.0	38.0	62.7	18 700	46.8	66.1	16 800	51.4	67.6	15 700	58.4	69.1	14 000										30.0
32.0	32.1	59.8	17 500	41.9	64.1	15 700	46.9	65.8	14 600	54.3	67.8	13 000										32.0
34.0	24.9	56.2	16 500	36.5	61.6	14 700	42.0	63.8	13 700	50.0	66.2	12 100	57.0	67.6	10 600							34.0
36.0	14.9	50.6	15 200	30.2	58.6	13 800	36.6	61.3	12 800	45.4	64.4	11 300	52.8	66.2	9 900							36.0
38.0				22.5	54.6	13 000	30.4	58.3	12 100	40.3	62.3	10 600	48.4	64.5	9 300							38.0
40.0							22.7	54.3	11 400	34.7	59.7	10 000	43.6	62.6	8 700	51.0	64.1	7 400				40.0
42.0										28.2	56.4	9 400	38.4	60.3	8 200	46.4	62.4	7 000				42.0
44.0										19.7	51.9	9 000	32.5	57.5	7 700	41.5	60.3	6 500				44.0
46.0													25.4	53.9	7 300	36.0	57.8	6 200	44.1	59.8	5 100	46.0
48.0													15.7	48.5	6 900	29.8	54.7	5 800	39.0	57.5	4 800	48.0
50.0																21.9	50.6	5 400	33.2	54.8	4 500	50.0
52.0																			26.3	51.3	4 200	52.0
54.0																			17.0	46.2	3 900	54.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

39.6m (130 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.0	77.2	25 900*b																			13.7
14.0	73.5	77.1	25 800*b																			14.0
16.0	70.2	76.4	25 100*b																			16.0
18.0	66.8	75.7	24 300*																			18.0
20.0	63.3	74.7	23 100*	69.2	75.9	24 900																20.0
22.0	59.8	73.6	21 900*	65.8	75.1	22 600																22.0
24.0	56.1	72.4	20 800*	62.4	74.1	20 700	65.9	74.8	19 400													24.0
26.0	52.2	70.9	19 800*	58.8	73.0	19 100	62.4	73.8	17 800													26.0
28.0	48.1	69.3	18 800*	55.0	71.7	17 600	58.9	72.7	16 500													28.0
30.0	43.8	67.3	17 900*	51.1	70.2	16 400	55.1	71.4	15 300													30.0
32.0	39.0	65.1	17 100	47.0	68.4	15 300	51.2	69.9	14 200	57.7	71.5	12 600										32.0
34.0	33.8	62.4	16 000	42.5	66.4	14 300	47.1	68.1	13 300	53.9	70.1	11 700										34.0
36.0	27.6	59.0	15 100	37.6	64.0	13 400	42.6	66.1	12 500	49.9	68.5	10 900										36.0
38.0	19.8	54.4	14 300	32.2	61.2	12 600	37.8	63.8	11 700	45.7	66.7	10 200	52.5	68.5	8 900							38.0
40.0				25.7	57.5	11 900	32.3	60.9	11 000	41.1	64.6	9 600	48.4	66.8	8 300							40.0
42.0				17.1	52.4	11 300	25.8	57.3	10 400	36.1	62.1	9 100	44.1	64.9	7 800	50.8	66.4	6 600				42.0
44.0							17.3	52.2	9 900	30.4	59.0	8 600	39.4	62.7	7 300	46.6	64.7	6 200				44.0
46.0										23.4	55.1	8 100	34.1	60.0	6 900	42.2	62.6	5 800				46.0
48.0										13.5	49.1	7 700	28.1	56.7	6 500	37.3	60.2	5 400	44.5	62.1	4 400	48.0
50.0													20.4	52.2	6 200	31.7	57.3	5 100	39.9	59.9	4 100	50.0
52.0																25.1	53.6	4 800	34.7	57.3	3 900	52.0
54.0																16.3	48.3	4 500	28.7	54.0	3 600	54.0
56.0																			21.3	49.7	3 400	56.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

39.6m (130 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.2	80.3	24 200*																			13.7
14.0	74.8	80.3	24 100*																			14.0
16.0	71.8	79.7	23 500*																			16.0
18.0	68.7	78.9	22 500*																			18.0
20.0	65.5	78.1	21 400*																			20.0
22.0	62.3	77.1	20 300*	67.8	78.4	22 100																22.0
24.0	59.0	76.0	19 300*	64.6	77.5	20 300																24.0
26.0	55.6	74.7	18 400*	61.4	76.5	18 700	64.7	77.2	17 500													26.0
28.0	52.0	73.2	17 400*	58.1	75.3	17 300	61.5	76.2	16 100													28.0
30.0	48.2	71.6	16 600*	54.6	74.0	16 000	58.1	75.0	15 000													30.0
32.0	44.2	69.7	15 800*	50.9	72.5	14 900	54.7	73.7	13 900	60.4	75.0	12 200										32.0
34.0	39.9	67.4	15 100*	47.1	70.7	13 900	51.0	72.2	12 900	57.0	73.8	11 400										34.0
36.0	35.1	64.8	14 400*	43.0	68.7	13 100	47.2	70.4	12 100	53.5	72.4	10 600										36.0
38.0	29.7	61.7	13 800*	38.6	66.4	12 300	43.1	68.4	11 400	49.8	70.8	10 000										38.0
40.0	23.2	57.7	13 200	33.7	63.7	11 600	38.7	66.1	10 700	45.9	69.0	9 300	52.2	70.8	8 000							40.0
42.0	14.2	51.8	12 200	28.1	60.3	11 000	33.8	63.4	10 100	41.8	66.9	8 800	48.5	69.1	7 500							42.0
44.0				21.1	56.0	10 400	28.2	60.1	9 600	37.2	64.5	8 300	44.5	67.2	7 000							44.0
46.0							21.3	55.7	9 100	32.1	61.6	7 800	40.2	65.0	6 600	46.8	67.0	5 500				46.0
48.0										26.2	58.0	7 400	35.4	62.4	6 300	42.7	65.0	5 200				48.0
50.0										18.6	53.2	7 000	30.1	59.3	5 900	38.3	62.6	4 800	44.9	64.4	3 800	50.0
52.0													23.7	55.4	5 600	33.3	59.8	4 500	40.6	62.2	3 600	52.0
54.0													15.0	49.7	5 300	27.6	56.5	4 300	36.0	59.7	3 400	54.0
56.0																20.5	52.0	4 000	30.7	56.7	3 100	56.0
58.0																			24.5	52.8	2 900	58.0
60.0																			16.1	47.4	2 800	60.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

39.6m (130 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.2	83.1	22 000*																			15.2
16.0	73.1	82.9	21 700*																			16.0
18.0	70.3	82.2	20 800*																			18.0
20.0	67.4	81.4	19 700*																			20.0
22.0	64.4	80.5	18 700*	69.5	81.7	20 300*																22.0
24.0	61.4	79.5	17 700*	66.6	80.9	19 600*																24.0
26.0	58.3	78.4	16 800*	63.6	79.9	18 400	66.6	80.5	17 300													26.0
28.0	55.1	77.0	15 900*	60.6	78.9	17 000	63.7	79.6	15 900													28.0
30.0	51.8	75.6	15 100*	57.4	77.7	15 800	60.6	78.6	14 800													30.0
32.0	48.3	73.9	14 300*	54.2	76.3	14 700	57.5	77.4	13 700													32.0
34.0	44.6	72.0	13 500*	50.8	74.8	13 700	54.3	76.0	12 800	59.7	77.4	11 200										34.0
36.0	40.6	69.8	12 900*	47.2	73.0	12 900	50.9	74.5	12 000	56.5	76.1	10 500										36.0
38.0	36.3	67.3	12 300*	43.5	71.1	12 100	47.3	72.7	11 200	53.2	74.7	9 800										38.0
40.0	31.4	64.3	11 600*	39.4	68.8	11 400	43.6	70.8	10 600	49.8	73.1	9 200	55.3	74.6	7 900							40.0
42.0	25.8	60.6	11 100*	35.0	66.2	10 800	39.5	68.5	9 900	46.2	71.3	8 600	52.0	73.1	7 400							42.0
44.0	18.7	55.8	10 700*	30.0	63.0	10 200	35.1	65.9	9 400	42.3	69.3	8 100	48.5	71.4	6 900							44.0
46.0				24.1	59.1	9 700	30.1	62.8	8 900	38.1	66.9	7 600	44.8	69.5	6 500	50.6	71.0	5 400				46.0
48.0				16.3	53.6	9 200	24.2	58.9	8 400	33.6	64.1	7 200	40.8	67.4	6 100	47.0	69.3	5 000				48.0
50.0							16.5	53.5	8 100	28.3	60.8	6 800	36.6	64.9	5 700	43.2	67.3	4 700				50.0
52.0										22.0	56.6	6 500	31.8	61.9	5 400	39.1	65.0	4 400	45.2	66.7	3 500	52.0
54.0										13.1	50.2	6 200	26.2	58.3	5 100	34.6	62.3	4 100	41.3	64.6	3 200	54.0
56.0													19.3	53.5	4 800	29.6	59.1	3 900	37.0	62.1	3 000	56.0
58.0																23.6	55.2	3 700	32.3	59.2	2 800	58.0
60.0																15.6	49.5	3 400	26.9	55.7	2 600	60.0
62.0																			20.1	51.1	2 400	62.0
64.0																			9.6	43.6	2 300	64.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

39.6m (130 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.3	86.3	19 100*																			15.2
16.0	74.3	86.0	19 000*																			16.0
18.0	71.6	85.4	18 600*																			18.0
20.0	69.0	84.7	18 200*																			20.0
22.0	66.3	83.9	17 300*																			22.0
24.0	63.5	82.9	16 400*	68.2	84.2	17 400*																24.0
26.0	60.7	81.9	15 500*	65.5	83.3	17 200*																26.0
28.0	57.7	80.7	14 600*	62.7	82.3	16 300*	65.6	83.0	15 700													28.0
30.0	54.7	79.4	13 800*	59.8	81.2	15 400*	62.8	82.0	14 500													30.0
32.0	51.6	77.9	13 000*	56.9	80.0	14 500	59.9	80.9	13 500													32.0
34.0	48.3	76.2	12 300*	53.9	78.6	13 500	57.0	79.7	12 600	61.9	80.9	11 100										34.0
36.0	44.9	74.3	11 700*	50.7	77.1	12 700	53.9	78.3	11 800	59.0	79.7	10 300										36.0
38.0	41.2	72.1	11 000*	47.4	75.3	11 900	50.8	76.8	11 100	56.0	78.5	9 600										38.0
40.0	37.2	69.7	10 500*	43.9	73.4	11 200	47.4	75.0	10 400	52.9	77.0	9 000										40.0
42.0	32.9	66.8	9 900*	40.1	71.2	10 600	43.9	73.1	9 800	49.7	75.4	8 500	54.9	76.9	7 200							42.0
44.0	27.9	63.4	9 400*	36.0	68.6	10 000	40.2	70.9	9 200	46.4	73.6	7 900	51.8	75.4	6 800							44.0
46.0	21.9	59.1	8 900*	31.5	65.6	9 500	36.1	68.3	8 700	42.8	71.6	7 500	48.5	73.7	6 300							46.0
48.0	13.8	52.9	8 600*	26.4	62.0	9 000	31.7	65.4	8 300	38.9	69.3	7 100	45.1	71.8	5 900	50.5	73.3	4 900				48.0
50.0				20.0	57.3	8 600	26.5	61.8	7 900	34.8	66.6	6 700	41.4	69.7	5 600	47.1	71.6	4 600				50.0
52.0							20.2	57.1	7 500	30.1	63.5	6 300	37.5	67.3	5 300	43.6	69.6	4 300				52.0
54.0										24.6	59.6	6 000	33.1	64.5	5 000	39.8	67.4	4 000	45.5	69.0	3 100	54.0
56.0										17.7	54.4	5 700	28.2	61.1	4 700	35.7	64.8	3 700	41.8	66.9	2 900	56.0
58.0													22.4	56.9	4 400	31.2	61.8	3 500	37.9	64.5	2 700	58.0
60.0													14.4	50.8	4 200	26.0	58.1	3 300	33.6	61.7	2 400	60.0
62.0																19.5	53.3	3 100	28.8	58.4	2 300	62.0
64.0																9.4	45.5	2 900	23.0	54.3	2 100	64.0
66.0																			15.4	48.6	2 000	66.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

39.6m (130 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.3	89.0	16 400*																			16.8
18.0	72.8	88.6	16 100*																			18.0
20.0	70.3	88.0	15 700*																			20.0
22.0	67.8	87.2	15 400*																			22.0
24.0	65.3	86.3	14 900*																			24.0
26.0	62.6	85.4	14 100*	67.1	86.6	14 700*																26.0
28.0	60.0	84.3	13 200*	64.5	85.7	14 500*	67.2	86.3	14 100*													28.0
30.0	57.2	83.0	12 500*	61.9	84.7	14 000*	64.6	85.4	13 900*													30.0
32.0	54.4	81.7	11 700*	59.2	83.6	13 200*	62.0	84.4	13 100													32.0
34.0	51.4	80.2	11 000*	56.4	82.3	12 400*	59.3	83.3	12 200													34.0
36.0	48.4	78.5	10 400*	53.6	80.9	11 700*	56.5	82.0	11 400	61.1	83.3	10 000										36.0
38.0	45.1	76.6	9 700*	50.6	79.4	11 000*	53.6	80.6	10 700	58.4	82.1	9 300										38.0
40.0	41.7	74.5	9 100*	47.5	77.6	10 300*	50.7	79.1	10 000	55.6	80.8	8 700										40.0
42.0	38.0	72.1	8 600*	44.2	75.7	9 700*	47.5	77.3	9 400	52.7	79.3	8 100										42.0
44.0	34.0	69.3	8 100*	40.7	73.5	9 100*	44.3	75.4	8 900	49.7	77.7	7 600	54.6	79.2	6 400							44.0
46.0	29.6	66.1	7 600*	37.0	71.0	8 600*	40.8	73.2	8 400	46.5	75.9	7 200	51.6	77.7	6 000							46.0
48.0	24.4	62.2	7 200*	32.9	68.2	8 000*	37.1	70.7	7 900	43.2	73.9	6 700	48.6	76.0	5 600							48.0
50.0	17.9	57.0	6 800*	28.2	64.8	7 600*	33.0	67.9	7 500	39.6	71.7	6 400	45.3	74.1	5 300	50.4	75.6	4 300				50.0
52.0				22.8	60.6	7 100*	28.3	64.5	7 100	35.8	69.1	6 000	41.9	72.0	5 000	47.2	73.9	4 000				52.0
54.0				15.6	54.8	6 800*	22.9	60.3	6 800	31.6	66.1	5 700	38.3	69.7	4 700	44.0	71.9	3 700				54.0
56.0							15.8	54.7	6 500	26.7	62.5	5 400	34.3	67.0	4 400	40.5	69.7	3 400	45.7	71.3	2 500	56.0
58.0										20.9	58.0	5 100	29.9	63.8	4 100	36.7	67.2	3 200	42.3	69.3	2 300	58.0
60.0										12.8	51.4	4 900	24.8	59.9	3 900	32.5	64.3	3 000	38.7	66.9	2 200	60.0
62.0													18.4	54.8	3 700	27.9	60.9	2 800	34.7	64.2	1 900	62.0
64.0													8.1	46.3	3 500	22.3	56.6	2 600	30.4	61.1	1 800	64.0
66.0																15.0	50.7	2 500				66.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

39.6m (130 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.2	92.1	14 300*																16.8
18.0	73.9	91.8	14 000*																18.0
20.0	71.5	91.2	13 700*																20.0
22.0	69.2	90.5	13 400*																22.0
24.0	66.8	89.7	13 000*																24.0
26.0	64.4	88.8	12 700*	68.5	89.9	12 700*													26.0
28.0	61.9	87.7	12 200*	66.1	89.1	12 400*													28.0
30.0	59.4	86.6	11 400*	63.7	88.2	12 200*	66.2	88.8	11 900*										30.0
32.0	56.8	85.4	10 700*	61.2	87.1	12 000*	63.7	87.8	11 800*										32.0
34.0	54.1	84.0	10 000*	58.6	86.0	11 300*	61.3	86.8	11 600*										34.0
36.0	51.3	82.5	9 400*	56.0	84.7	10 600*	58.7	85.6	11 200*										36.0
38.0	48.4	80.8	8 800*	53.3	83.2	10 000*	56.1	84.4	10 400*	60.4	85.6	9 000							38.0
40.0	45.4	78.9	8 200*	50.5	81.7	9 300*	53.4	82.9	9 800	57.9	84.4	8 400							40.0
42.0	42.2	76.8	7 700*	47.6	79.9	8 700*	50.6	81.4	9 200	55.2	83.1	7 900							42.0
44.0	38.8	74.5	7 200*	44.5	78.0	8 100*	47.6	79.6	8 600	52.5	81.7	7 400							44.0
46.0	35.1	71.8	6 700*	41.2	75.9	7 600*	44.6	77.7	8 100	49.6	80.0	6 900	54.2	81.5	5 700				46.0
48.0	31.0	68.7	6 300*	37.8	73.4	7 100*	41.3	75.6	7 700*	46.7	78.2	6 500	51.5	80.0	5 400				48.0
50.0	26.4	65.1	5 800*	34.0	70.7	6 600*	37.8	73.2	7 200*	43.5	76.3	6 100	48.6	78.3	5 000				50.0
52.0	20.9	60.5	5 300*	29.8	67.5	6 200*	34.1	70.4	6 700*	40.2	74.0	5 800	45.6	76.5	4 700	50.3	77.9	3 700	52.0
54.0	13.4	54.0	4 900*	25.0	63.6	5 800*	29.9	67.2	6 300*	36.7	71.5	5 400	42.4	74.4	4 400	47.3	76.2	3 400	54.0
56.0				19.1	58.7	5 300*	25.1	63.3	5 800*	32.8	68.6	5 100	39.0	72.1	4 100	44.3	74.2	3 200	56.0
58.0							19.2	58.4	5 300*	28.5	65.2	4 800	35.3	69.4	3 900	41.0	72.1	3 000	58.0
60.0										23.4	61.1	4 600	31.3	66.4	3 600	37.5	69.6	2 800	60.0
62.0										17.0	55.7	4 400	26.7	62.8	3 400	33.7	66.8	2 600	62.0
64.0										5.7	45.7	4 200	21.3	58.3	3 200	29.5	63.6	2 400	64.0
66.0													14.0	52.0	3 100	24.6	59.7	2 200	66.0
68.0																18.6	54.6	2 000	68.0
70.0																9.5	46.6	1 900	70.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

42.7m (140 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	62.0	63.9	42 200b																			13.7
14.0	61.1	63.8	41 500b																			14.0
16.0	54.8	62.5	36 600b																			16.0
18.0	47.9	60.9	32 800																			18.0
20.0	40.2	58.8	29 700	53.8	62.0	26 600b	60.9	63.0	25 000b													20.0
22.0	30.9	56.0	27 100	46.8	60.3	24 300	54.5	61.7	22 700b													22.0
24.0	17.9	51.6	24 200	38.9	58.1	22 200	47.6	60.1	20 800													24.0
26.0				29.4	55.2	20 600	39.8	58.0	19 200	53.2	60.6	17 000b										26.0
28.0							30.5	55.2	17 700	46.2	58.9	15 700										28.0
30.0							17.1	50.6	16 600	38.2	56.7	14 500	51.7	59.1	12 700							30.0
32.0										28.4	53.6	13 600	44.4	57.3	11 800							32.0
34.0													36.1	54.9	11 000	49.6	57.1	9 500				34.0
36.0													25.6	51.6	10 300	42.1	55.2	8 800				36.0
38.0																33.4	52.6	8 200				38.0
40.0																21.7	48.7	7 700	39.1	52.5	6 400	40.0
42.0																			29.6	49.6	6 000	42.0
44.0																			15.6	44.8	5 600	44.0

42.7m (140 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	65.8	67.3	39 700*b																			13.7
14.0	65.0	67.2	39 300b																			14.0
16.0	59.7	66.1	35 900b																			16.0
18.0	54.1	64.8	32 000	64.2	66.7	28 900b																18.0
20.0	48.0	63.2	28 900	58.9	65.6	26 000b	64.8	66.4	24 400b													20.0
22.0	41.4	61.2	26 400	53.2	64.3	23 700	59.5	65.4	22 100b													22.0
24.0	33.6	58.6	24 300	47.1	62.6	21 700	53.8	64.0	20 200													24.0
26.0	23.9	54.9	22 400	40.3	60.5	20 000	47.8	62.4	18 600	58.4	64.3	16 500b										26.0
28.0				32.4	57.8	18 500	41.0	60.4	17 200	52.7	62.9	15 200										28.0
30.0				22.1	53.9	17 300	33.3	57.7	16 000	46.6	61.2	14 100										30.0
32.0							23.3	54.0	15 000	39.7	59.1	13 100	51.3	61.4	11 400							32.0
34.0										31.6	56.3	12 200	45.0	59.6	10 600							34.0
36.0										21.0	52.2	11 500	37.9	57.3	9 900	49.5	59.4	8 400				36.0
38.0													29.4	54.3	9 200	43.0	57.5	7 800				38.0
40.0																35.6	55.0	7 300				40.0
42.0																26.5	51.7	6 900	40.5	54.9	5 600	42.0
44.0																12.3	46.1	6 500	32.6	52.2	5 300	44.0
46.0																			22.4	48.4	4 900	46.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

42.7m (140 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	68.6	70.6	36 000*b																		13.7	
14.0	67.9	70.5	35 700*b																		14.0	
16.0	63.4	69.6	33 800*b																		16.0	
18.0	58.6	68.5	31 400	67.3	70.0	28 300b															18.0	
20.0	53.5	67.1	28 400	62.7	69.1	25 500b															20.0	
22.0	48.2	65.5	25 800	57.9	68.0	23 200	63.1	68.8	21 700b												22.0	
24.0	42.3	63.5	23 700	52.8	66.6	21 200	58.4	67.7	19 800												24.0	
26.0	35.6	61.1	21 900	47.3	64.9	19 500	53.3	66.4	18 200	62.3	67.8	16 100b									26.0	
28.0	27.6	57.8	20 400	41.3	62.9	18 100	47.9	64.7	16 800	57.4	66.6	14 800									28.0	
30.0	16.5	52.9	18 700	34.5	60.3	16 800	42.0	62.7	15 600	52.3	65.2	13 700									30.0	
32.0				26.3	56.9	15 800	35.3	60.2	14 600	46.8	63.5	12 700									32.0	
34.0							27.2	56.9	13 700	40.8	61.4	11 900	51.1	63.7	10 300						34.0	
36.0							15.8	51.9	12 900	38.9	58.8	11 100	45.5	61.9	9 600						36.0	
38.0										25.5	55.3	10 500	39.3	59.7	8 900						38.0	
40.0													32.1	56.9	8 400	43.7	59.8	7 000			40.0	
42.0													23.1	53.1	7 900	37.3	57.5	6 600			42.0	
44.0																29.7	54.4	6 200	41.5	57.2	5 000	
46.0																19.7	50.1	5 800	34.7	54.7	4 700	
48.0																			26.5	51.3	4 400	
50.0																			14.6	46.0	4 100	

42.7m (140 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m		
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg			
13.7	70.8	73.9	33 600*b																			13.7		
14.0	70.2	73.8	33 300*b																			14.0		
16.0	66.2	73.0	31 500*b																			16.0		
18.0	62.0	72.0	29 800*																			18.0		
20.0	57.7	70.8	28 000	65.6	72.5	25 100b																20.0		
22.0	53.1	69.5	25 400	61.4	71.5	22 800	66.0	72.2	21 300b													22.0		
24.0	48.2	67.8	23 300	57.0	70.3	20 900	61.8	71.2	19 500													24.0		
26.0	43.0	65.9	21 600	52.4	68.9	19 200	57.5	70.1	17 900													26.0		
28.0	37.1	63.5	20 000	47.5	67.2	17 800	52.9	68.7	16 500	61.0	70.2	14 600										28.0		
30.0	30.4	60.5	18 700	42.2	65.2	16 600	48.0	67.0	15 400	56.6	69.0	13 500										30.0		
32.0	21.8	56.4	17 500	36.2	62.7	15 500	42.7	65.0	14 300	52.0	67.5	12 500										32.0		
29.2				59.6	14 500	36.8	62.6	13 400	47.0	65.8	11 600	55.6	67.5	10 000								34.0		
20.3				55.3	13 700	30.0	59.6	12 500	41.7	63.8	10 900	50.9	66.0	9 300	55.6	67.5	8 300						36.0	
						21.3	55.5	11 900	35.6	61.3	10 200	45.8	64.2	8 700	49.4	64.0	7 800							38.0
42.0										19.3	53.6	9 100	34.1	59.4	7 700	44.3	62.1	6 400				42.0		
44.0													26.7	56.0	7 200	38.6	59.9	6 000				44.0		
46.0																32.1	57.0	5 600	42.3	59.6	4 500	46.0		
48.0																24.1	53.3	5 300	36.4	57.1	4 100	48.0		
50.0																11.9	47.1	5 000	29.4	54.0	3 900	50.0		
52.0																			20.5	49.8	3 600	52.0		

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

42.7m (140 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.6	77.1	31 400*																			13.7
14.0	72.1	77.0	31 200*																			14.0
16.0	68.5	76.3	29 700*																			16.0
18.0	64.8	75.4	28 300*																			18.0
20.0	60.9	74.4	27 000	67.9	75.8	24 700																20.0
22.0	56.9	73.2	25 100	64.2	74.9	22 500																22.0
24.0	52.7	71.8	23 000	60.3	73.9	20 600	64.6	74.6	19 200													24.0
26.0	48.3	70.1	21 200	56.3	72.6	18 900	60.7	73.6	17 600													26.0
28.0	43.5	68.2	19 700	52.1	71.2	17 500	56.7	72.4	16 300													28.0
30.0	38.3	65.9	18 300	47.6	69.5	16 300	52.5	71.0	15 100	60.0	72.5	13 300										30.0
32.0	32.4	63.1	17 200	42.8	67.5	15 200	48.1	69.3	14 100	56.0	71.3	12 300										32.0
34.0	25.3	59.4	16 100	37.5	65.1	14 200	43.3	67.4	13 200	51.7	69.8	11 500										34.0
36.0	15.5	54.1	15 100	31.5	62.2	13 400	38.1	65.0	12 400	47.2	68.1	10 700	55.0	69.8	9 200							36.0
38.0				24.1	58.4	12 600	32.1	62.2	11 600	42.4	66.1	10 100	50.7	68.3	8 600							38.0
40.0							25.0	58.5	11 000	37.0	63.7	9 500	46.1	66.5	8 000							40.0
42.0							15.0	53.0	10 400	30.9	60.7	8 900	41.2	64.4	7 500	49.4	66.3	6 300				42.0
44.0										23.4	56.8	8 400	35.7	61.9	7 100	44.7	64.4	5 800				44.0
46.0													29.3	58.7	6 700	39.6	62.2	5 500				46.0
48.0													21.3	54.5	6 300	33.9	59.6	5 100				48.0
50.0																27.2	56.2	4 800	42.9	61.9	4 100	50.0
52.0																18.4	51.4	4 600	37.6	59.6	3 800	52.0
54.0																			31.6	56.7	3 500	54.0
56.0																			24.3	52.9	3 300	56.0
																			13.9	47.1	3 100	

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



EUROPEAN
STANDARDS

888 SERIES 1

65 360 kg COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

42.7m (140 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.1	80.3	25 500*b																		13.7	
14.0	73.6	80.2	25 400*b																		14.0	
16.0	70.3	79.5	24 800*b																		16.0	
18.0	67.0	78.7	24 200*																		18.0	
20.0	63.5	77.8	23 100*	69.9	79.1	24 100															20.0	
22.0	60.0	76.7	21 900*	66.5	78.3	21 900															22.0	
24.0	56.3	75.5	20 800*	63.0	77.3	20 100															24.0	
26.0	52.4	74.1	19 800*	59.4	76.2	18 500	63.4	77.1	17 200												26.0	
28.0	48.4	72.4	18 900*	55.7	75.0	15 900	59.8	76.0	15 900												28.0	
30.0	44.0	70.5	17 900	51.8	73.5	17 100	56.1	74.7	14 700												30.0	
32.0	39.3	68.3	16 700	47.7	71.8	14 800	52.3	73.3	13 700	59.1	74.9	11 900									32.0	
34.0	34.1	65.6	15 700	43.4	69.8	13 800	48.2	71.6	12 800	55.4	73.6	11 100									34.0	
36.0	28.0	62.2	14 800	38.6	67.5	13 000	43.8	69.7	12 000	51.5	72.1	10 300									36.0	
38.0	20.3	57.8	14 000	33.2	64.8	12 000	39.1	67.4	11 200	47.4	70.4	9 700	54.5	72.1	8 200						38.0	
40.0				27.0	61.3	11 500	33.8	64.7	10 600	43.0	68.4	9 000	50.6	70.6	7 700						40.0	
42.0				18.9	56.6	11 000	27.7	61.4	10 000	38.1	66.1	8 500	46.4	68.8	7 200						42.0	
44.0							19.9	56.8	9 500	32.7	63.3	8 000	41.9	66.7	6 700	49.4	68.6	5 500			44.0	
46.0										26.4	59.7	7 600	36.9	64.3	6 300	45.1	66.7	5 100			46.0	
48.0										18.1	54.9	7 300	31.3	61.4	5 900	40.5	64.6	4 800			48.0	
50.0													24.7	57.6	5 600	35.4	62.0	4 500	43.5	64.2	3 400	50.0
52.0																29.5	58.9	4 200	38.7	61.9	3 200	52.0
54.0																22.4	54.8	4 000	33.4	59.2	3 000	54.0
56.0																11.7	48.2	3 700	27.1	55.8	2 700	56.0
58.0																			19.2	51.1	2 600	58.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

42.7m (140 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.4	83.4	23 900*																			13.7
14.0	74.9	83.3	23 800*																			14.0
16.0	71.9	82.7	23 200*																			16.0
18.0	68.8	82.0	22 400*																			18.0
20.0	65.7	81.2	21 300*																			20.0
22.0	62.5	80.2	20 300*	68.4	81.6	21 500																22.0
24.0	59.2	79.1	19 300*	65.2	80.7	19 600																24.0
26.0	55.7	77.8	18 400*	62.0	79.7	18 100	65.6	80.4	16 800													26.0
28.0	52.2	76.4	17 500*	58.7	78.6	16 700	62.3	79.5	15 500													28.0
30.0	48.4	74.7	16 700*	55.2	77.3	15 500	59.0	78.3	14 300													30.0
32.0	44.4	72.8	15 900*	51.6	75.8	14 400	55.6	77.1	13 300													32.0
34.0	40.1	70.6	15 100*	47.8	74.1	13 500	52.0	75.6	12 400	58.4	77.2	10 700										34.0
36.0	35.4	68.0	14 400	43.8	72.2	12 700	48.2	73.9	11 600	54.9	75.9	10 000										36.0
38.0	30.0	64.9	13 600	39.5	69.9	11 900	44.2	72.0	10 900	51.3	74.4	9 400										38.0
40.0	23.6	61.0	12 900	34.7	67.3	11 200	39.9	69.8	10 300	47.5	72.7	8 800	54.1	74.4	7 400							40.0
42.0	14.8	55.2	12 200	29.2	64.0	10 600	35.2	67.2	9 700	43.4	70.7	8 200	50.4	72.9	6 900							42.0
44.0				22.5	59.9	10 100	29.8	64.0	9 200	39.1	68.5	7 700	46.6	71.1	6 400							44.0
46.0							23.3	60.0	8 700	34.2	65.8	7 300	42.5	69.1	6 100	49.3	70.9	4 800				46.0
48.0							14.3	54.2	8 300	28.7	62.5	6 900	38.0	66.7	5 700	45.4	69.1	4 500				48.0
50.0										21.9	58.3	6 600	33.0	63.9	5 300	41.2	66.9	4 200				50.0
52.0													27.2	60.4	5 000	36.6	64.5	4 000	43.9	66.6	2 900	52.0
54.0													20.0	55.9	4 800	31.4	61.5	3 700	39.6	64.3	2 700	54.0
56.0																25.3	57.8	3 500	34.8	61.7	2 500	56.0
58.0																17.4	52.7	3 300	29.3	58.5	2 300	58.0
60.0																			22.7	54.4	2 100	60.0
62.0																			13.4	48.3	2 000	62.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

42.7m (140 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.4	86.2	21 400*																			15.2
16.0	73.2	85.9	21 300*																			16.0
18.0	70.4	85.3	20 600*																			18.0
20.0	67.5	84.5	19 600*																			20.0
22.0	64.6	83.6	18 700*	70.0	84.8	20 000*																22.0
24.0	61.6	82.6	17 700*	67.1	84.0	19 300																24.0
26.0	58.5	81.5	16 800*	64.2	83.1	17 900	67.4	83.8	16 600													26.0
28.0	55.3	80.2	16 000*	61.1	82.1	16 500	64.5	82.9	15 300													28.0
30.0	51.9	78.7	15 100*	58.0	80.9	15 300	61.5	81.8	14 200													30.0
32.0	48.5	77.0	14 300*	54.8	79.6	14 300	58.4	80.7	13 200													32.0
34.0	44.8	75.1	13 600*	51.4	78.1	13 300	55.1	79.4	12 300	60.9	80.8	10 600										34.0
36.0	40.8	73.0	12 900*	47.9	76.4	12 500	51.8	77.9	11 500	57.8	79.6	9 900										36.0
38.0	36.5	70.5	12 300*	44.2	74.5	11 700	48.3	76.2	10 800	54.5	78.2	9 200										38.0
40.0	31.7	67.5	11 700*	40.2	72.3	11 000	44.6	74.3	10 100	51.1	76.7	8 600	57.0	78.1	7 300							40.0
42.0	26.2	63.9	11 200*	35.8	69.7	10 400	40.6	72.1	9 500	47.6	75.0	8 100	53.7	76.7	6 800							42.0
44.0	19.2	59.1	10 700*	31.0	66.7	9 900	36.3	69.6	9 000	43.9	73.1	7 600	50.3	75.2	6 300							44.0
46.0				25.3	62.9	9 400	31.5	66.6	8 500	39.8	70.8	7 200	46.8	73.4	5 900							46.0
48.0				18.0	57.9	8 900	25.9	63.0	8 100	35.4	68.2	6 800	42.9	71.4	5 500	49.3	73.2	4 400				48.0
50.0							18.8	58.1	7 700	30.5	65.2	6 400	38.8	69.1	5 200	45.7	71.4	4 100				50.0
52.0										24.7	61.3	6 000	34.3	66.4	4 900	41.8	69.3	3 800				52.0
54.0										17.2	56.1	5 800	29.2	63.2	4 600	37.6	66.9	3 500	44.3	68.9	2 600	54.0
56.0													23.1	59.1	4 300	32.9	64.0	3 300	40.3	66.7	2 400	56.0
58.0																27.6	60.6	3 100	35.9	64.1	2 200	58.0
60.0																21.1	56.2	2 900	31.1	61.1	2 000	60.0
62.0																11.5	49.3	2 700	25.4	57.4	1 800	62.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

42.7m (140 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.4	89.3	18 700*																			15.2
16.0	74.4	89.1	18 500*																			16.0
18.0	71.8	88.5	18 200*																			18.0
20.0	69.1	87.8	17 800*																			20.0
22.0	66.4	87.0	17 300*																			22.0
24.0	63.6	86.0	16 400*	68.7	87.3	17 000*																24.0
26.0	60.8	85.0	15 500*	66.0	86.5	16 900*																26.0
28.0	57.9	83.8	14 600*	63.2	85.5	16 400	66.3	86.2	15 000													28.0
30.0	54.9	82.5	13 900*	60.4	84.5	15 100	63.5	85.3	13 900													30.0
32.0	51.8	81.0	13 100*	57.5	83.3	14 100	60.7	84.2	13 000													32.0
34.0	48.5	79.3	12 400*	54.4	81.9	13 100	57.8	83.0	12 100													34.0
36.0	45.0	77.4	11 700*	51.3	80.4	12 300	54.7	81.7	11 300	60.1	83.1	9 700										36.0
38.0	41.4	75.3	11 100*	48.0	78.7	11 500	51.6	80.2	10 600	57.2	81.9	9 100										38.0
40.0	37.4	72.9	10 500*	44.5	76.8	10 800	48.3	78.5	9 900	54.2	80.6	8 500										40.0
42.0	33.1	70.0	9 900*	40.8	74.6	10 200	44.9	76.6	9 400	51.0	79.0	8 000	56.5	80.4	6 600							42.0
44.0	28.2	66.7	9 400*	36.8	72.1	9 700	41.2	74.5	8 800	47.7	77.3	7 500	53.4	79.0	6 200							44.0
46.0	22.3	62.4	9 000*	32.4	69.2	9 200	37.3	72.0	8 300	44.2	75.4	7 000	50.2	77.5	5 800							46.0
48.0	14.3	56.4	8 600*	27.4	65.8	8 700	32.9	69.2	7 900	40.5	73.2	6 600	46.9	75.7	5 400							48.0
50.0				21.3	61.3	8 300	27.9	65.8	7 500	36.5	70.7	6 300	43.4	73.7	5 100	49.3	75.5	4 000				50.0
52.0							22.0	61.5	7 100	32.0	67.7	5 900	39.6	71.5	4 800	45.9	73.7	3 700				52.0
54.0							13.9	55.3	6 800	26.9	64.2	5 600	35.5	68.9	4 500	42.3	71.6	3 400				54.0
56.0										20.7	59.7	5 300	30.9	65.8	4 200	38.4	69.3	3 200	44.6	71.2	2 300	56.0
58.0													25.6	62.1	4 000	34.2	66.5	3 000	40.9	69.0	2 000	58.0
60.0													19.0	57.2	3 700	29.4	63.3	2 800	36.9	66.5	1 800	60.0
62.0																23.8	59.3	2 600				62.0
64.0																16.6	53.9	2 400				64.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

42.7m (140 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.4	92.1	16 000*																16.8
18.0	72.9	91.7	15 800*																18.0
20.0	70.5	91.0	15 400*																20.0
22.0	68.0	90.3	15 100*																22.0
24.0	65.4	89.4	14 800*																24.0
26.0	62.8	88.5	14 100*	67.6	89.8	14 500*													26.0
28.0	60.1	87.4	13 300*	65.0	88.9	14 200*													28.0
30.0	57.4	86.1	12 500*	62.4	87.9	14 000*	65.3	88.7	13 400										30.0
32.0	54.5	84.8	11 800*	59.7	86.8	13 300*	62.7	87.7	12 600										32.0
34.0	51.6	83.3	11 100*	57.0	85.6	12 600*	60.0	86.6	11 700										34.0
36.0	48.5	81.6	10 400*	54.1	84.2	11 800*	57.2	85.4	10 900										36.0
38.0	45.3	79.7	9 800*	51.1	82.7	11 100*	54.4	84.0	10 200	59.5	85.5	8 700							38.0
40.0	41.9	77.6	9 200*	48.1	81.0	10 400*	51.5	82.5	9 600	56.7	84.3	8 100							40.0
42.0	38.2	75.3	8 700*	44.8	79.1	9 800*	48.4	80.8	9 000	53.8	82.9	7 600							42.0
44.0	34.3	72.5	8 100*	41.4	77.0	9 200*	45.2	78.9	8 500	50.9	81.3	7 200	56.0	82.8	5 800				44.0
46.0	29.8	69.3	7 600*	37.7	74.5	8 700*	41.7	76.8	8 000	47.8	79.6	6 700	53.2	81.4	5 400				46.0
48.0	24.7	65.5	7 200*	33.7	71.8	8 200*	38.1	74.4	7 600	44.5	77.7	6 300	50.2	79.8	5 100				48.0
50.0	18.3	60.4	6 800*	29.1	68.5	7 700*	34.1	71.7	7 200	41.1	75.5	5 900	47.0	78.0	4 800				50.0
52.0				23.9	64.5	7 300*	29.6	68.5	6 800	37.3	73.1	5 600	43.7	76.0	4 500	49.3	77.8	3 400	52.0
54.0				17.2	59.1	6 900*	24.5	64.6	6 500	33.3	70.3	5 300	40.2	73.8	4 200	46.1	76.0	3 100	54.0
56.0							18.0	59.4	6 200	28.7	66.9	5 000	36.4	71.3	3 900	42.7	73.9	2 900	56.0
58.0										23.4	62.8	4 700	32.3	68.4	3 700	39.1	71.6	2 700	58.0
60.0										16.5	57.3	4 500	27.6	64.9	3 400	35.3	69.0	2 500	60.0
62.0													21.9	60.5	3 200	31.0	65.9	2 300	62.0
64.0													14.4	54.4	3 100	26.0	62.2	2 100	64.0
66.0																20.0	57.5	2 000	66.0
68.0																11.3	50.4	1 800	68.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

42.7m (140 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.4	95.2	14 000*																16.8
18.0	74.0	94.9	13 800*																18.0
20.0	71.7	94.3	13 400*																20.0
22.0	69.3	93.6	13 100*																22.0
24.0	66.9	92.8	12 800*																24.0
26.0	64.5	91.9	12 500*	69.0	93.1	12 500*													26.0
28.0	62.0	90.8	12 200*	66.6	92.3	12 300*													28.0
30.0	59.5	89.7	11 400*	64.1	91.4	12 100*													30.0
32.0	56.9	88.5	10 700*	61.7	90.3	11 900*	64.4	91.1	11 600*										32.0
34.0	54.2	87.1	10 000*	59.1	89.2	11 500*	61.9	90.1	11 400										34.0
36.0	51.4	85.6	9 400*	56.5	87.9	10 700*	59.4	89.0	10 700										36.0
38.0	48.5	83.9	8 800*	53.8	86.5	10 100*	56.8	87.7	10 000										38.0
40.0	45.5	82.1	8 200*	51.0	85.0	9 400*	54.1	86.3	9 300	58.9	87.9	7 900							40.0
42.0	42.3	80.0	7 700*	48.1	83.3	8 900*	51.3	84.8	8 700	56.3	86.6	7 400							42.0
44.0	38.9	77.6	7 200*	45.1	81.4	8 300*	48.4	83.1	8 200	53.6	85.2	6 900							44.0
46.0	35.3	75.0	6 700*	41.9	79.3	7 700*	45.4	81.3	7 700	50.8	83.6	6 500	55.7	85.1	5 200				46.0
48.0	31.2	72.0	6 300*	38.4	76.9	7 200*	42.2	79.2	7 300	47.9	81.9	6 100	52.9	83.7	4 800				48.0
50.0	26.7	68.3	5 900*	34.7	74.2	6 700*	38.8	76.8	6 900	44.8	80.0	5 700	50.1	82.1	4 500				50.0
52.0	21.2	63.8	5 400*	30.6	71.1	6 300*	35.1	74.2	6 500	41.6	77.9	5 300	47.2	80.3	4 200	52.1	81.7	3 100	52.0
54.0	13.9	57.5	4 900*	25.9	67.4	5 900*	31.1	71.1	6 200	38.1	75.5	5 000	44.1	78.4	3 900	49.3	80.1	2 900	54.0
56.0				20.3	62.7	5 300*	26.5	67.4	5 900	34.4	72.8	4 700	40.8	76.2	3 700	46.3	78.3	2 700	56.0
58.0							20.9	62.9	5 400*	30.2	69.6	4 500	37.3	73.7	3 400	43.1	76.3	2 400	58.0
60.0							13.5	56.4	5 000*	25.5	65.8	4 200	33.4	70.9	3 200	39.8	74.0	2 200	60.0
62.0										19.7	61.0	4 000	29.2	67.6	3 000	36.2	71.4	2 000	62.0
64.0										11.5	53.9	3 800	24.3	63.6	2 800	32.3	68.5	1 900	64.0
66.0													18.2	58.5	2 600				66.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

45.7m (150 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	62.4	67.0	41 200b																			13.7
14.0	61.5	66.9	40 500b																			14.0
16.0	55.1	65.6	35 800b																			16.0
18.0	48.3	64.1	32 100																			18.0
20.0	40.6	62.0	29 000	55.0	65.2	25 800b																20.0
22.0	31.5	59.3	26 500	48.2	63.7	23 500b	56.2	65.1	21 800b													22.0
24.0	18.8	55.0	24 200	40.5	61.6	21 600	49.5	63.6	20 000													24.0
26.0				31.3	58.9	19 900	42.0	61.6	18 400	55.8	64.1	16 000b										26.0
28.0				18.6	54.6	18 600	33.2	59.0	17 000	49.1	62.6	14 800b										28.0
30.0							21.4	55.2	15 900	41.5	60.6	13 700										30.0
32.0										32.6	57.9	12 800	48.3	61.1	10 900							32.0
34.0										20.5	53.9	12 000	40.6	59.1	10 200							34.0
36.0													31.5	56.3	9 500	47.1	59.2	7 900				36.0
38.0													18.8	52.1	8 900	39.2	57.1	7 400				38.0
40.0																29.7	54.2	6 800	45.2	56.9	5 500	40.0
42.0																15.8	49.4	6 500	37.1	54.6	5 100	42.0
44.0																			26.9	51.4	4 800	44.0

45.7m (150 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	66.1	70.4	39 500*b																			13.7
14.0	65.3	70.3	39 000b																			14.0
16.0	60.0	69.2	35 000b																			16.0
18.0	54.4	68.0	31 300																			18.0
20.0	48.4	66.4	28 400	59.9	68.9	25 200b	66.1	69.7	23 400b													20.0
22.0	41.7	64.4	25 900	54.3	67.6	22 900b	60.9	68.7	21 200b													22.0
24.0	34.1	61.8	23 800	48.3	66.0	21 000	55.4	67.4	19 400													24.0
26.0	24.5	58.2	22 100	41.6	64.0	19 300	49.4	65.9	17 900	60.6	67.7	15 500b										26.0
28.0				34.0	61.4	17 900	42.9	64.0	16 500	55.0	66.4	14 300b										28.0
30.0				24.3	57.8	16 700	35.5	61.5	15 400	49.1	64.9	13 200										30.0
32.0				6.6	50.5	15 800	26.3	58.2	14 400	42.5	62.9	12 300										32.0
34.0										35.0	60.4	11 500	48.4	63.4	9 700							34.0
36.0										25.7	57.0	10 800	41.7	61.4	9 100							36.0
38.0										10.4	50.9	10 200	34.1	58.9	8 500	47.3	61.5	7 000				38.0
40.0													24.5	55.3	8 000	40.5	59.5	6 500				40.0
42.0																32.6	56.8	6 000				42.0
44.0																22.5	52.9	5 700				44.0
46.0																			38.7	57.0	4 400	46.0
48.0																			30.4	54.1	4 100	46.0
																			19.2	49.7	3 800	48.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

45.7m (150 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m	
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		
13.7	68.9	73.7	35 800*b	63.5	72.3	24 700b															13.7		
14.0	68.2	73.6	35 500*b																				14.0
16.0	63.6	72.7	33 600b																				16.0
18.0	58.8	71.6	30 800																				18.0
20.0	53.8	70.3	27 800																				20.0
22.0	48.4	68.7	25 300	58.8	71.2	22 400	64.4	72.1	20 800b												22.0		
24.0	42.6	66.7	23 300	53.7	69.9	20 600	59.6	71.0	19 000												24.0		
26.0	36.0	64.2	21 500	48.4	68.3	18 900	54.7	69.7	17 500												26.0		
28.0	28.1	61.1	20 000	42.5	66.3	17 500	49.4	68.2	16 100	59.4	70.0	14 000b									28.0		
30.0	17.3	56.3	18 800	35.9	63.8	16 300	43.6	66.3	15 000	54.4	68.7	12 900									30.0		
32.0				28.0	60.6	15 200	37.2	63.9	14 000	49.0	67.2	12 000									32.0		
34.0				17.1	55.8	14 400	29.6	60.9	13 100	43.3	65.2	11 200	53.8	67.3	9 400						34.0		
36.0										36.7	62.9	10 400	48.5	65.7	8 800						36.0		
38.0										29.1	59.8	9 800	42.6	63.8	8 200						38.0		
40.0										18.7	55.2	9 200	36.0	61.3	7 700	47.5	63.8	6 200			40.0		
42.0													28.1	58.1	7 200	41.5	61.8	5 800			42.0		
44.0													17.3	53.3	6 800	34.8	59.3	5 400			44.0		
46.0																26.6	55.9	5 000			46.0		
48.0																14.7	50.6	4 800			48.0		
50.0																			40.0	59.3	3 800	48.0	
																			24.2	53.0	3 300	50.0	

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

45.7m (150 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	71.1	77.0	33 400*b																			13.7
14.0	70.5	76.9	33 200*b																			14.0
16.0	66.4	76.1	31 400*b																			16.0
18.0	62.2	75.1	29 700*																			18.0
20.0	57.9	73.9	27 300	66.4	75.7	24 300b																20.0
22.0	53.3	72.6	25 000	62.2	74.7	22 100																22.0
24.0	48.5	71.0	22 900	57.8	73.6	20 200	62.9	74.5	18 700													24.0
26.0	43.3	69.0	21 100	53.3	72.2	18 600	58.6	73.4	17 200													26.0
28.0	37.5	66.7	19 600	48.4	70.6	17 200	54.1	72.1	15 900													28.0
30.0	30.7	63.7	18 300	43.2	68.6	16 000	49.3	70.5	14 700	56.4	72.4	12 700										30.0
32.0	22.3	59.7	17 200	37.4	66.3	15 000	44.2	68.6	13 700	53.8	71.1	11 800										32.0
34.0				30.6	63.3	14 000	38.5	66.3	12 800	49.0	69.5	11 000										34.0
36.0				22.2	59.3	13 200	32.0	63.5	12 000	43.9	67.6	10 200	53.3	69.6	8 600							36.0
38.0				7.4	51.7	12 600	23.9	59.7	11 300	38.1	65.3	9 600	48.5	68.0	8 000							38.0
40.0										31.5	62.4	9 000	43.3	66.1	7 500							40.0
42.0										23.4	58.5	8 500	37.5	63.7	7 000	47.7	66.1	5 600				42.0
44.0										10.4	51.9	8 100	30.8	60.8	6 600	42.3	64.1	5 200				44.0
46.0													22.3	56.8	6 200	36.4	61.7	4 800	46.4	63.8	3 600	46.0
48.0																29.5	58.6	4 600	40.9	61.7	3 400	48.0
50.0																20.6	54.3	4 300	34.8	59.1	3 100	50.0
52.0																			27.6	55.8	2 900	52.0
54.0																			17.8	51.0	2 700	54.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

45.7m (150 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.8	80.2	31 100*b																			13.7
14.0	72.3	80.1	30 900*b																			14.0
16.0	68.7	79.4	29 500*b																			16.0
18.0	65.0	78.5	28 200*																			18.0
20.0	61.1	77.5	26 900	68.6	79.0	23 900b																20.0
22.0	57.1	76.3	24 600	64.9	78.1	21 700																22.0
24.0	53.0	74.9	22 500	61.1	77.1	19 900	65.6	77.9	18 400													24.0
26.0	48.5	73.3	20 800	57.1	75.9	18 300	61.8	76.9	16 900													26.0
28.0	43.8	71.3	19 300	52.9	74.5	17 000	57.8	75.7	15 700													28.0
30.0	38.6	69.1	18 000	48.5	72.9	15 800	53.7	74.4	14 500													30.0
32.0	32.8	66.3	16 900	43.7	70.9	14 700	49.3	72.8	13 500	57.6	74.7	11 600										32.0
34.0	25.8	62.7	15 900	38.5	68.6	13 800	44.6	70.9	12 600	53.4	73.4	10 800										34.0
36.0	16.2	57.5	15 000	32.7	65.9	13 000	39.5	68.7	11 800	49.0	71.8	10 100										36.0
38.0				25.7	62.3	12 200	33.8	66.0	11 100	44.3	69.9	9 400	53.0	72.0	7 800							38.0
40.0				16.0	57.0	11 600	27.0	62.6	10 500	39.2	67.6	8 900	48.6	70.3	7 300							40.0
42.0							18.1	57.8	10 000	33.4	64.9	8 300	43.8	68.4	6 800							42.0
44.0										26.6	61.5	7 900	38.6	66.1	6 400	47.8	68.4	5 100				44.0
46.0										17.5	56.5	7 500	32.8	63.3	6 000	43.0	66.5	4 800				46.0
48.0													25.8	59.8	5 700	37.7	64.1	4 400				48.0
50.0													16.2	54.5	5 400	31.7	61.2	4 200	41.7	64.0	3 000	50.0
52.0																24.4	57.5	3 900	36.3	61.6	2 800	52.0
54.0																14.0	51.7	3 700	30.0	58.5	2 600	54.0
56.0																			22.3	54.4	2 400	56.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

45.7m (150 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.3	83.3	25 200*b	70.5	82.2	23 300b																
14.0	73.8	83.3	25 100*b																			
16.0	70.5	82.6	24 400*b																			
18.0	67.2	81.8	23 900*																			
20.0	63.7	80.9	23 000*																			
22.0	60.2	79.9	21 900*	67.1	81.5	21 200																
24.0	56.5	78.6	20 800*	63.7	80.5	19 400																
26.0	52.6	77.2	19 800*	60.1	79.5	17 900																
28.0	48.6	75.6	18 800	56.4	78.2	16 500																
30.0	44.3	73.7	17 600	52.6	76.8	15 400																
32.0	39.6	71.4	16 400	48.5	75.2	14 300	53.3	76.7	13 100	56.9	77.1	10 400										
34.0	34.4	68.8	15 400	44.2	73.3	13 400	49.3	75.1	12 200													
36.0	28.3	65.5	14 500	39.5	71.0	12 500	45.0	73.2	11 400													
38.0	20.8	61.1	13 700	34.3	68.4	11 800	40.4	71.1	10 700													
40.0				28.2	65.1	11 200	35.3	68.5	10 100													
42.0				20.7	60.7	10 600	29.4	65.3	9 600	40.1	70.0	8 000	48.6	72.6	6 500	47.9	70.7	4 400				
44.0				8.0	52.8	10 100	22.2	61.2	9 100	34.9	67.4	7 500	44.3	70.7	6 100							
46.0										29.0	64.2	7 100	39.6	68.5	5 700							
48.0										21.7	60.0	6 700	34.4	65.8	5 300							
50.0										10.4	53.0	6 400	28.3	62.5	5 000							
52.0													20.8	58.2	4 700	33.4	63.7	3 600	42.4	66.4	2 400	52.0
54.0																27.2	60.3	3 300	37.5	64.0	2 200	54.0
56.0																19.2	55.7	3 100	32.0	61.1	2 000	56.0
58.0																			25.5	57.4	1 900	58.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

45.7m (150 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.5	86.5	23 500*b																			13.7
14.0	75.1	86.4	23 500*b																			14.0
16.0	72.1	85.8	22 900*b																			16.0
18.0	69.0	85.1	22 300*																			18.0
20.0	65.9	84.3	21 300*																			20.0
22.0	62.7	83.3	20 300*	69.0	84.7	21 000																22.0
24.0	59.4	82.2	19 300*	65.8	83.9	19 300																24.0
26.0	55.9	81.0	18 400*	62.6	82.9	17 800	66.4	83.7	16 400													26.0
28.0	52.4	79.5	17 500*	59.3	81.8	16 400	63.2	82.7	15 100													28.0
30.0	48.6	77.9	16 700*	55.9	80.6	15 200	59.9	81.7	14 000													30.0
32.0	44.6	76.0	15 900*	52.3	79.1	14 200	56.5	80.4	13 000													32.0
34.0	40.4	73.8	15 200	48.6	77.5	13 300	53.0	79.0	12 100	59.7	80.7	10 300										34.0
36.0	35.7	71.2	14 400	44.6	75.6	12 500	49.3	77.4	11 300	56.3	79.4	9 600										36.0
38.0	30.3	68.1	13 500	40.3	73.4	11 700	45.3	75.5	10 600	52.8	78.0	9 000										38.0
40.0	24.0	64.3	12 800	35.6	70.8	11 000	41.1	73.4	10 000	49.0	76.4	8 400	55.9	78.0	6 900							40.0
42.0	15.4	58.7	12 200	30.3	67.7	10 400	36.5	70.9	9 400	45.1	74.5	7 900	52.4	76.6	6 400							42.0
44.0				23.9	63.8	9 900	31.3	67.9	8 900	40.8	72.4	7 400	48.6	74.9	6 000							44.0
46.0				15.3	58.2	9 400	25.2	64.2	8 500	36.2	69.8	7 000	44.6	73.0	5 700	51.7	74.7	4 400				46.0
48.0							17.2	59.1	8 100	31.0	66.8	6 600	40.4	70.8	5 300	48.0	73.0	4 100				48.0
50.0										24.8	63.0	6 300	35.7	68.3	5 000	43.9	71.1	3 800				50.0
52.0										16.6	57.7	6 000	30.3	65.2	4 700	39.6	68.9	3 500	47.0	70.7	2 400	52.0
54.0													24.0	61.3	4 400	34.8	66.2	3 300	42.9	68.7	2 200	54.0
56.0													15.4	55.7	4 200	29.4	63.0	3 000	38.5	66.4	2 000	56.0
58.0																22.8	59.0	2 800				58.0
60.0																13.5	52.8	2 700				60.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

45.7m (150 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.5	89.3	20 800*																15.2
16.0	73.4	89.0	20 600*																16.0
18.0	70.6	88.4	20 300*																18.0
20.0	67.7	87.6	19 600*																20.0
22.0	64.8	86.7	18 600*																22.0
24.0	61.8	85.7	17 700*	67.7	87.2	18 700													24.0
26.0	58.7	84.6	16 800*	64.7	86.3	17 300													26.0
28.0	55.5	83.3	15 900*	61.7	85.3	16 000	65.3	86.1	14 700										28.0
30.0	52.1	81.8	15 100*	58.6	84.2	14 800	62.3	85.1	13 600										30.0
32.0	48.6	80.2	14 400*	55.4	82.9	13 800	59.2	84.0	12 600										32.0
34.0	45.0	78.3	13 700*	52.1	81.4	12 900	56.0	82.7	11 800	62.1	84.1	9 900							34.0
36.0	41.0	76.1	12 900*	48.6	79.8	12 100	52.7	81.3	11 000	59.0	83.0	9 200							36.0
38.0	36.7	73.7	12 400*	44.9	77.9	11 300	49.2	79.7	10 300	55.8	81.7	8 600							38.0
40.0	32.0	70.7	11 800*	41.0	75.7	10 700	45.6	77.8	9 700	52.5	80.3	8 100							40.0
42.0	26.5	67.2	11 200*	36.7	73.2	10 100	41.7	75.8	9 100	49.0	78.7	7 600	55.5	80.3	6 100				42.0
44.0	19.6	62.5	10 800*	31.9	70.3	9 500	37.5	73.3	8 600	45.4	76.8	7 100	52.1	78.9	5 700				44.0
46.0				26.4	66.7	9 000	32.8	70.5	8 100	41.5	74.7	6 700	48.6	77.2	5 300				46.0
48.0				19.5	62.0	8 600	27.5	67.0	7 700	37.2	72.3	6 300	45.0	75.3	5 000	51.6	77.0	3 700	48.0
50.0				8.3	53.9	8 200	20.9	62.6	7 300	32.5	69.4	5 900	41.0	73.2	4 600	48.0	75.3	3 400	50.0
52.0										27.1	65.9	5 600	36.7	70.7	4 300	44.3	73.4	3 200	52.0
54.0										20.5	61.4	5 300	32.0	67.8	4 100	40.3	71.2	2 900	54.0
56.0										10.3	54.1	5 100	26.5	64.2	3 800	36.0	68.7	2 700	56.0
58.0													19.6	59.5	3 600	31.1	65.7	2 500	58.0
60.0																25.4	61.9	2 300	60.0
62.0																18.2	56.9	2 200	62.0
64.0																4.6	47.1	2 000	64.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

45.7m (150 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.6	92.4	18 200*																15.2
16.0	74.5	92.2	18 000*																16.0
18.0	71.9	91.6	17 700*																18.0
20.0	69.3	90.9	17 400*																20.0
22.0	66.5	90.1	17 000*																22.0
24.0	63.8	89.1	16 300*	69.2	90.5	16 600*													24.0
26.0	61.0	88.1	15 500*	66.5	89.7	16 400													26.0
28.0	58.0	86.9	14 600*	63.7	88.8	15 800	67.0	89.5	14 400										28.0
30.0	55.0	85.6	13 900*	60.9	87.7	14 600	64.3	88.5	13 400										30.0
32.0	51.9	84.1	13 100*	58.0	86.5	13 600	61.4	87.5	12 400										32.0
34.0	48.7	82.5	12 400*	55.0	85.2	12 700	58.5	86.4	11 600										34.0
36.0	45.2	80.6	11 700*	51.9	83.7	11 900	55.6	85.1	10 800	61.3	86.5	9 100							36.0
38.0	41.6	78.5	11 100*	48.6	82.1	11 100	52.5	83.6	10 100	58.4	85.4	8 500							38.0
40.0	37.7	76.1	10 500*	45.2	80.2	10 500	49.2	82.0	9 500	55.4	84.1	7 900							40.0
42.0	33.3	73.3	10 000*	41.5	78.1	9 900	45.8	80.2	8 900	52.3	82.6	7 400							42.0
44.0	28.5	69.9	9 500*	37.6	75.7	9 300	42.2	78.1	8 400	49.0	81.0	6 900	55.0	82.7	5 500				44.0
46.0	22.6	65.7	9 000*	33.3	72.8	8 800	38.3	75.7	8 000	45.6	79.1	6 500	51.9	81.2	5 200				46.0
48.0	14.8	59.8	8 600*	28.4	69.5	8 400	34.1	73.0	7 500	42.0	77.0	6 100	48.7	79.5	4 800				48.0
50.0				22.6	65.3	8 000	29.3	69.8	7 100	38.1	74.7	5 800	45.2	77.7	4 500				50.0
52.0				14.7	59.4	7 600	23.7	65.7	6 800	33.8	71.9	5 500	41.6	75.5	4 200	48.1	77.6	3 100	52.0
54.0							16.4	60.3	6 500	29.0	68.6	5 200	37.7	73.1	3 900	44.6	75.7	2 800	54.0
56.0										23.3	64.6	4 900	33.3	70.3	3 700	40.9	73.6	2 600	56.0
58.0										15.9	58.9	4 600	28.5	67.0	3 500	37.0	71.1	2 400	58.0
60.0													22.6	62.8	3 200	32.6	68.2	2 200	60.0
62.0													14.8	56.9	3 100	27.6	64.8	2 000	62.0
64.0																21.5	60.4	1 900	64.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

45.7m (150 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.5	95.1	15 600*																16.8
18.0	73.1	94.8	15 400*																18.0
20.0	70.6	94.1	15 100*																20.0
22.0	68.1	93.4	14 800*																22.0
24.0	65.5	92.5	14 500*																24.0
26.0	62.9	91.6	14 100*	68.1	93.0	14 100*													26.0
28.0	60.3	90.5	13 300*	65.5	92.1	14 000*													28.0
30.0	57.5	89.3	12 500*	62.9	91.2	13 800*	66.0	91.9	13 000										30.0
32.0	54.7	87.9	11 800*	60.2	90.1	13 200	63.4	91.0	12 100										32.0
34.0	51.7	86.4	11 100*	57.5	88.9	12 300	60.7	89.9	11 200										34.0
36.0	48.7	84.8	10 500*	54.6	87.5	11 600	58.0	88.7	10 400										36.0
38.0	45.5	82.9	9 800*	51.7	86.0	10 800	55.2	87.4	9 800	60.5	88.9	8 100							38.0
40.0	42.1	80.8	9 200*	48.6	84.4	10 200	52.2	85.9	9 200	57.8	87.7	7 600							40.0
42.0	38.4	78.5	8 700*	45.4	82.5	9 600	49.2	84.3	8 600	55.0	86.4	7 100							42.0
44.0	34.5	75.7	8 200*	42.0	80.4	9 000	46.0	82.5	8 100	52.1	84.9	6 600							44.0
46.0	30.1	72.6	7 700*	38.4	78.0	8 500	42.7	80.4	7 600	49.0	83.3	6 200	54.7	85.0	4 800				46.0
48.0	25.0	68.7	7 300*	34.4	75.3	8 100	39.1	78.1	7 200	45.8	81.4	5 800	51.7	83.5	4 500				48.0
50.0	18.7	63.8	6 900*	30.0	72.2	7 600	35.2	75.5	6 800	42.5	79.4	5 400	48.7	81.8	4 200				50.0
52.0				24.9	68.3	7 300	30.9	72.4	6 400	38.8	77.0	5 100	45.5	80.0	3 900	51.2	81.6	2 700	52.0
54.0				18.6	63.3	6 900	25.9	68.7	6 100	34.9	74.4	4 800	42.1	77.9	3 600	48.2	79.9	2 500	54.0
56.0				8.6	55.0	6 600*	19.9	64.0	5 800	30.6	71.3	4 500	38.4	75.5	3 400	44.9	78.0	2 300	56.0
58.0										25.6	67.5	4 300	34.5	72.8	3 200	41.5	75.9	2 100	58.0
60.0										19.5	62.7	4 100	30.1	69.6	2 900	37.8	73.5	1 900	60.0
62.0										10.3	55.2	3 900	25.0	65.8	2 800				62.0
64.0													18.7	60.8	2 600				64.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

45.7m (150 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.5	98.3	13 700*																16.8
18.0	74.1	98.0	13 500*																18.0
20.0	71.8	97.3	13 200*																20.0
22.0	69.4	96.6	12 900*																22.0
24.0	67.1	95.8	12 600*																24.0
26.0	64.6	94.9	12 300*	69.4	96.3	12 200*													26.0
28.0	62.2	93.9	12 000*	67.0	95.5	12 100*													28.0
30.0	59.6	92.8	11 500*	64.6	94.6	11 800*													30.0
32.0	57.0	91.6	10 700*	62.1	93.6	11 700*	65.0	94.3	11 300*										32.0
34.0	54.4	90.2	10 100*	59.6	92.4	11 400*	62.6	93.4	11 000*										34.0
36.0	51.6	88.7	9 500*	57.0	91.2	10 900*	60.1	92.3	10 200*										36.0
38.0	48.7	87.1	8 900*	54.3	89.8	10 200*	57.5	91.1	9 500*										38.0
40.0	45.7	85.2	8 300*	51.5	88.3	9 600*	54.8	89.7	8 900*	59.9	91.3	7 300*							40.0
42.0	42.5	83.1	7 700*	48.7	86.7	8 900*	52.1	88.2	8 300*	57.3	90.1	6 800*							42.0
44.0	39.1	80.8	7 300*	45.6	84.8	8 400*	49.2	86.6	7 800*	54.6	88.7	6 300*							44.0
46.0	35.5	78.2	6 700*	42.5	82.7	7 900*	46.2	84.8	7 400*	51.9	87.2	5 900*	57.0	88.7	4 600*				46.0
48.0	31.5	75.2	6 300*	39.1	80.4	7 300*	43.1	82.7	7 000*	49.0	85.6	5 600*	54.4	87.3	4 300*				48.0
50.0	26.9	71.6	5 900*	35.4	77.8	6 900*	39.7	80.5	6 500*	46.0	83.7	5 200*	51.6	85.8	3 900*				50.0
52.0	21.5	67.2	5 400*	31.4	74.8	6 400*	36.1	77.9	6 200*	42.9	81.7	4 900*	48.7	84.1	3 600*				52.0
54.0	14.4	61.0	5 000*	26.9	71.2	6 000*	32.2	75.0	5 800*	39.5	79.4	4 600*	45.7	82.3	3 400*	51.1	83.9	2 300*	54.0
56.0				21.5	66.7	5 500*	27.7	71.5	5 500*	35.9	76.8	4 300*	42.5	80.2	3 100*	48.2	82.2	2 000*	56.0
58.0				14.2	60.5	5 000*	22.5	67.2	5 300*	31.9	73.8	4 100*	39.1	77.9	2 900*				58.0
60.0							15.8	61.5	5 000*	27.5	70.3	3 800*	35.5	75.3	2 700*				60.0
62.0										22.2	66.0	3 600*	31.5	72.2	2 500*				62.0
64.0										15.3	60.1	3 400*	26.9	68.7	2 300*				64.0
66.0													21.5	64.2	2 200*				66.0
68.0													14.4	58.0	2 000*				68.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

48.8m (160 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	58.1	69.3	36 500b																			15.2
16.0	55.5	68.8	35 000b																			16.0
18.0	48.7	67.2	31 300																			18.0
20.0	41.1	65.2	28 400																			20.0
22.0	32.0	62.5	26 000																			22.0
24.0	19.7	58.4	24 000																			24.0
26.0																						26.0
28.0																						28.0
30.0																						30.0
32.0																						32.0
34.0																						34.0
36.0																						36.0
38.0																						38.0
40.0																						40.0
42.0																						42.0
44.0																						44.0
46.0																						46.0

48.8m (160 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	66.3	73.5	39 100*b																			13.7
14.0	65.6	73.4	38 500b																			14.0
16.0	60.3	72.4	34 100b																			16.0
18.0	54.7	71.1	30 600																			18.0
20.0	48.7	69.5	27 700	60.9	72.1	24 400b																20.0
22.0	42.1	67.5	25 300	55.4	70.8	22 100b	62.3	72.0	20 400b													22.0
24.0	34.5	65.0	23 300	49.5	69.3	20 300	56.9	70.8	18 600b													24.0
26.0	25.1	61.5	21 600	42.9	67.4	18 700	51.0	69.3	17 100	62.7	71.1	14 600b										26.0
28.0				35.5	64.9	17 300	44.7	67.5	15 800	57.2	69.9	13 500b										28.0
30.0				26.3	61.6	16 200	37.6	65.2	14 700	51.5	68.5	12 500										30.0
32.0				12.0	55.8	15 200	29.0	62.2	13 700	45.2	66.7	11 600										32.0
34.0										38.1	64.4	10 800	51.6	67.2	8 900							34.0
36.0										29.6	61.5	10 100	45.3	65.4	8 300							36.0
38.0										18.0	56.9	9 500	38.2	63.1	7 700							38.0
40.0													29.8	60.2	7 200	45.0	63.6	5 700				40.0
42.0													18.3	55.7	6 800	37.9	61.3	5 300				42.0
44.0																29.4	58.3	4 900				44.0
46.0																			36.9	59.0	3 300	46.0
48.0																			28.2	55.9	3 000	48.0
50.0																			15.5	50.9	2 800	50.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

48.8m (160 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	69.1	76.8	35 500 ^b																			13.7
14.0	68.4	76.7	35 300 ^b																			14.0
16.0	63.9	75.8	33 200 ^b																			16.0
18.0	59.1	74.7	30 000																			18.0
20.0	54.1	73.4	27 100	64.4	75.5	23 800 ^b																20.0
22.0	48.7	71.8	24 700	59.7	74.5	21 700 ^b	65.6	75.3	19 900 ^b													22.0
24.0	42.9	69.9	22 800	54.7	73.2	19 900	60.9	74.3	18 200													24.0
26.0	36.4	67.4	21 000	49.4	71.6	18 300	56.0	73.1	16 700													26.0
28.0	28.6	64.3	19 600	43.6	69.7	16 900	50.8	71.6	15 400	61.3	73.4	13 100 ^b										28.0
30.0	18.0	59.7	18 300	37.2	67.4	15 700	45.2	69.8	14 400	56.4	72.2	12 100										30.0
32.0				29.6	64.3	14 700	39.0	67.6	13 400	51.2	70.8	11 200										32.0
34.0				19.5	60.0	13 800	31.7	64.8	12 500	45.6	69.0	10 500	56.5	70.9	8 600							34.0
36.0										39.4	66.8	9 800	51.3	69.5	8 000							36.0
38.0							22.6	60.9	11 800	32.3	64.0	9 100	45.7	67.7	7 400							38.0
40.0										23.3	60.2	8 600	39.6	65.5	6 900	51.1	67.7	5 400				40.0
42.0													32.4	62.8	6 500	45.5	65.9	5 000				42.0
44.0													23.5	59.0	6 100	39.2	63.7	4 600				44.0
46.0																32.1	60.9	4 300	44.7	63.6	3 000	46.0
48.0																23.0	57.1	4 000	38.4	61.4	2 800	48.0
50.0																			31.1	58.5	2 500	50.0
52.0																			21.6	54.5	2 300	52.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

48.8m (160 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	71.3	80.0	32 900*b																			13.7
14.0	70.7	79.9	32 700*b																			14.0
16.0	66.6	79.2	31 200*b																			16.0
18.0	62.5	78.2	29 400																			18.0
20.0	58.1	77.1	26 700	67.1	78.9	23 500b																20.0
22.0	53.6	75.7	24 400	63.0	77.9	21 300																22.0
24.0	48.8	74.1	22 400	58.7	76.8	19 500	64.1	77.8	17 900													24.0
26.0	43.6	72.2	20 700	54.1	75.5	18 000	59.8	76.7	16 400													26.0
28.0	37.8	69.8	19 200	49.4	73.9	16 700	55.3	75.4	15 200													28.0
30.0	31.1	66.9	17 900	44.2	72.0	15 500	50.6	73.9	14 100	60.1	75.8	11 900										30.0
32.0	22.8	63.0	16 800	38.5	69.8	14 500	45.6	72.1	13 100	55.7	74.6	11 000										32.0
34.0				32.0	66.9	13 500	40.0	70.0	12 300	51.0	73.1	10 300										34.0
36.0				24.0	63.2	12 800	33.8	67.3	11 500	46.0	71.3	9 600	55.8	73.2	7 800							36.0
38.0				11.7	56.9	12 100	26.3	63.9	10 800	40.5	69.2	9 000	51.1	71.8	7 200							38.0
40.0										34.3	66.5	8 400	46.1	70.0	6 800							40.0
42.0										26.9	63.2	7 900	40.6	67.9	6 300	50.8	70.0	4 800				42.0
44.0										16.7	58.2	7 500	34.4	65.3	5 900	45.8	68.2	4 500				44.0
46.0													27.0	61.9	5 500	40.3	66.1	4 100				46.0
48.0													17.0	57.0	5 200	34.1	63.4	3 800	45.1	66.0	2 600	48.0
50.0																26.6	60.0	3 600	39.6	63.8	2 300	50.0
52.0																			33.2	61.1	2 200	52.0
54.0																			25.6	57.5	2 000	54.0
56.0																			14.6	52.0	1 800	56.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

48.8m (160 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	73.0	83.2	30 400*b																			13.7
14.0	72.5	83.1	30 300*b																			14.0
16.0	68.9	82.4	29 300*b																			16.0
18.0	65.2	81.6	28 000*																			18.0
20.0	61.3	80.6	26 300	69.3	82.1	23 100b																20.0
22.0	57.3	79.4	24 000	65.6	81.3	21 000																22.0
24.0	53.2	78.0	22 100	61.8	80.3	19 300																24.0
26.0	48.8	76.4	20 400	57.8	79.2	17 700	62.8	80.2	16 200													26.0
28.0	44.1	74.5	18 900	53.7	77.8	16 400	58.9	79.1	15 000													28.0
30.0	38.9	72.2	17 600	49.3	76.2	15 300	54.8	77.8	13 900													30.0
32.0	33.1	69.5	16 500	44.7	74.3	14 200	50.5	76.2	12 900	59.2	78.2	10 900										32.0
34.0	26.2	66.0	15 500	39.6	72.1	13 300	45.9	74.4	12 000	55.1	76.9	10 100										34.0
36.0	16.8	60.9	14 700	33.8	69.4	12 500	40.9	72.3	11 300	50.8	75.4	9 400										36.0
38.0				27.1	66.0	11 800	35.4	69.8	10 600	46.2	73.6	8 800										38.0
40.0				18.2	61.2	11 200	29.0	66.6	10 000	41.3	71.5	8 200	50.9	74.1	6 600							40.0
42.0							20.9	62.3	9 500	35.8	69.0	7 800	46.3	72.3	6 200							42.0
44.0										29.5	65.9	7 300	41.4	70.2	5 800							44.0
46.0										21.5	61.7	6 900	35.9	67.7	5 400	46.1	70.5	4 000				46.0
48.0													29.6	64.6	5 100	41.2	68.4	3 700				48.0
50.0													21.7	60.4	4 800	35.7	65.9	3 500				50.0
52.0																29.3	62.8	3 200	40.5	66.1	2 100	52.0
54.0																21.3	58.5	3 000	34.9	63.5	1 900	54.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

48.8m (160 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.5	86.4	24 800*b																13.7
14.0	74.0	86.3	24 700*b																14.0
16.0	70.7	85.7	24 100*b																16.0
18.0	67.3	84.9	23 500*																18.0
20.0	63.9	84.0	23 000*																20.0
22.0	60.4	83.0	21 900*	67.7	84.6	20 500													22.0
24.0	56.7	81.7	20 800*	64.3	83.7	18 800													24.0
26.0	52.8	80.3	19 900	60.8	82.7	17 300	65.2	83.6	15 800										26.0
28.0	48.8	78.7	18 500	57.1	81.5	16 000	61.7	82.6	14 500										28.0
30.0	44.5	76.8	17 200	53.3	80.1	14 800	58.1	81.4	13 500										30.0
32.0	39.8	74.6	16 100	49.3	78.5	13 800	54.3	80.1	12 500										32.0
34.0	34.7	72.0	15 100	45.0	76.7	12 900	50.4	78.5	11 700	58.4	80.5	9 700							34.0
36.0	28.7	68.7	14 200	40.4	74.5	12 100	46.2	76.8	10 900	54.6	79.2	9 000							36.0
38.0	21.3	64.4	13 500	35.3	71.9	11 400	41.6	74.7	10 200	50.6	77.7	8 500							38.0
40.0				29.4	68.8	10 800	36.7	72.2	9 600	46.5	75.9	7 900	54.7	77.9	6 300				40.0
42.0				22.3	64.6	10 200	31.1	69.2	9 100	42.0	73.9	7 400	50.7	76.4	5 800				42.0
44.0				11.4	58.0	9 700	24.3	65.4	8 600	37.1	71.4	6 900	46.6	74.6	5 400				44.0
46.0										31.5	68.5	6 600	42.1	72.6	5 100	50.5	74.6	3 700	46.0
48.0										24.8	64.8	6 200	37.2	70.1	4 700	46.4	72.8	3 400	48.0
50.0										15.8	59.4	5 900	31.6	67.2	4 400	41.9	70.8	3 100	50.0
52.0													25.0	63.5	4 200	36.9	68.3	2 900	52.0
54.0													16.0	58.2	4 000	31.3	65.4	2 700	54.0
56.0																24.6	61.6	2 500	56.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

48.8m (160 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.7	89.6	23 200*																
14.0	75.2	89.5	23 100*																
16.0	72.2	88.9	22 600*																
18.0	69.2	88.2	22 100*																
20.0	66.0	87.4	21 200*																
22.0	62.8	86.4	20 200*	69.5	87.9	20 300													
24.0	59.5	85.3	19 300*	66.4	87.1	18 600													
26.0	56.1	84.1	18 400*	63.2	86.2	17 100													
28.0	52.6	82.6	17 500*	59.9	85.1	15 800													
30.0	48.8	81.0	16 700*	56.5	83.8	14 700													
32.0	44.9	79.1	15 900*	53.0	82.4	13 700	57.4	83.8	12 400										
34.0	40.6	77.0	14 900	49.3	80.8	12 800	53.9	82.4	11 600										
36.0	35.9	74.4	14 100	45.3	79.0	12 000	50.3	80.8	10 900										
38.0	30.6	71.4	13 300	41.1	76.8	11 300	46.4	79.1	10 200										
40.0	24.4	67.5	12 600	36.5	74.3	10 600	42.2	77.0	9 500										
42.0	16.0	62.1	12 000	31.3	71.4	10 100	37.7	74.6	9 000	46.7	78.2	7 400	54.2	80.2	5 800				
44.0				25.2	67.7	9 500	32.7	71.8	8 500	42.5	76.2	6 900	50.6	78.7	5 400				
46.0				17.2	62.5	9 100	26.9	68.3	8 100	38.1	73.8	6 500	46.7	76.9	5 000				
48.0							19.6	63.6	7 700	33.1	71.0	6 100	42.6	74.9	4 700				
50.0										27.4	67.6	5 800	38.2	72.5	4 400				
52.0										20.2	63.1	5 500	33.2	69.8	4 100	42.4	73.1	2 900	52.0
54.0													27.5	66.3	3 900	38.0	70.7	2 600	54.0
56.0													20.3	61.8	3 600	33.0	67.9	2 400	56.0
58.0																27.2	64.5	2 300	58.0
60.0																20.0	59.9	2 100	60.0

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LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

48.8m (160 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			JIB OPER. RAD. m	83 DEGREE BOOM ANGLE			JIB OPER. RAD. m	80 DEGREE BOOM ANGLE			JIB OPER. RAD. m	75 DEGREE BOOM ANGLE			JIB OPER. RAD. m	70 DEGREE BOOM ANGLE			JIB OPER. RAD. m	65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.7	92.3	20 100* ^b	15.2				15.2				15.2				15.2				15.2				15.2
16.0	73.5	92.1	20 000* ^b	16.0				16.0				16.0				16.0				16.0				16.0
18.0	70.7	91.5	19 600*	18.0				18.0				18.0				18.0				18.0				18.0
20.0	67.9	90.7	19 300*	20.0				20.0				20.0				20.0				20.0				20.0
22.0	64.9	89.8	18 600*	22.0				22.0				22.0				22.0				22.0				22.0
24.0	61.9	88.8	17 700*	24.0	68.2	90.4	18 100	24.0				24.0				24.0				24.0				24.0
26.0	58.8	87.7	16 800*	26.0	65.3	89.5	16 700	26.0				26.0				26.0				26.0				26.0
28.0	55.6	86.4	16 000*	28.0	62.3	88.6	15 400	28.0	66.0	89.4	14 000	28.0				28.0				28.0				28.0
30.0	52.3	84.9	15 200*	30.0	59.2	87.4	14 300	30.0	63.1	88.4	13 000	30.0				30.0				30.0				30.0
32.0	48.8	83.3	14 400*	32.0	56.0	86.2	13 300	32.0	60.0	87.3	12 100	32.0				32.0				32.0				32.0
34.0	45.2	81.4	13 700*	34.0	52.7	84.7	12 400	34.0	56.9	86.1	11 200	34.0				34.0				34.0				34.0
36.0	41.2	79.3	13 000*	36.0	49.3	83.1	11 600	36.0	53.6	84.7	10 500	36.0	60.2	86.4	8 600	36.0				36.0				36.0
38.0	37.0	76.8	12 400*	38.0	45.6	81.3	11 000	38.0	50.2	83.1	9 800	38.0	57.1	85.2	8 000	38.0				38.0				38.0
40.0	32.3	73.9	11 800*	40.0	41.7	79.2	10 300	40.0	46.6	81.4	9 200	40.0	53.8	83.8	7 500	40.0				40.0				40.0
42.0	26.8	70.4	11 300*	42.0	37.5	76.8	9 700	42.0	42.8	79.3	8 700	42.0	50.4	82.3	7 000	42.0				42.0				42.0
44.0	20.0	65.8	10 800*	44.0	32.8	73.9	9 200	44.0	38.6	77.0	8 200	44.0	46.8	80.5	6 600	44.0	53.9	82.5	5 100	44.0				44.0
46.0				46.0	27.5	70.5	8 700	46.0	34.1	74.3	7 700	46.0	43.0	78.5	6 200	46.0	50.5	81.0	4 700	46.0				46.0
48.0				48.0	20.9	66.0	8 300	48.0	29.0	71.0	7 300	48.0	38.9	76.2	5 800	48.0	46.9	79.2	4 400	48.0	50.3	79.2	2 800	48.0
50.0				50.0	11.3	59.1	7 900	50.0	22.8	66.9	6 900	50.0	34.4	73.5	5 400	50.0	43.1	77.2	4 100	50.0	46.7	77.4	2 600	50.0
52.0				52.0				52.0				52.0	29.4	70.3	5 100	52.0	39.0	74.9	3 800	52.0				52.0
54.0				54.0				54.0				54.0	23.3	66.3	4 900	54.0	34.5	72.2	3 500	54.0	42.9	75.4	2 300	54.0
56.0				56.0				56.0				56.0	15.1	60.5	4 600	56.0	29.5	69.0	3 300	56.0	38.8	73.1	2 100	56.0
58.0				58.0				58.0				58.0				58.0	23.4	65.0	3 100	58.0	34.3	70.4	1 900	58.0
60.0				60.0				60.0				60.0				60.0	15.3	59.3	2 900	60.0				60.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

48.8m (160 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.7	95.5	17 700*																15.2
16.0	74.7	95.3	17 500*																16.0
18.0	72.1	94.7	17 200*																18.0
20.0	69.4	94.0	16 900*																20.0
22.0	66.7	93.2	16 600*																22.0
24.0	63.9	92.2	16 200*																24.0
26.0	61.1	91.2	15 500*	67.0	92.9	16 000													26.0
28.0	58.2	90.0	14 600*	64.3	92.0	15 200													28.0
30.0	55.2	88.7	13 900*	61.4	90.9	14 100	65.0	91.8	12 800										30.0
32.0	52.1	87.2	13 100*	58.6	89.8	13 100	62.2	90.8	11 800										32.0
34.0	48.8	85.6	12 400*	55.6	88.5	12 200	59.3	89.7	11 000										34.0
36.0	45.4	83.7	11 800*	52.5	87.0	11 500	56.4	88.4	10 300										36.0
38.0	41.8	81.6	11 200*	49.2	85.4	10 700	53.3	87.0	9 600	59.5	88.8	7 900							38.0
40.0	37.9	79.2	10 600*	45.8	83.6	10 100	50.1	85.4	9 000	56.6	87.5	7 300							40.0
42.0	33.6	76.5	10 000*	42.2	81.5	9 500	46.7	83.7	8 500	53.5	86.1	6 900							42.0
44.0	28.7	73.2	9 500*	38.4	79.2	9 000	43.2	81.7	8 000	50.3	84.6	6 400							44.0
46.0	23.0	69.0	9 000*	34.1	76.4	8 500	39.4	79.4	7 600	47.0	82.8	6 000	53.6	84.8	4 600				46.0
48.0	15.4	63.3	8 700*	29.3	73.2	8 000	35.3	76.8	7 100	43.5	80.8	5 600	50.4	83.3	4 200				48.0
50.0				23.7	69.2	7 700	30.7	73.7	6 800	39.7	78.6	5 300	47.0	81.5	3 900				50.0
52.0				16.4	63.7	7 300	25.3	69.9	6 400	35.6	76.0	5 000	43.5	79.5	3 600	50.2	81.5	2 400	52.0
54.0							18.6	64.9	6 100	31.0	72.9	4 700	39.7	77.3	3 400	46.9	79.7	2 200	54.0
56.0										25.7	69.2	4 400	35.6	74.7	3 200	43.4	77.8	2 000	56.0
58.0										19.1	64.4	4 200	31.1	71.7	3 000				58.0
60.0													25.8	68.0	2 800				60.0
62.0													19.3	63.2	2 600				62.0
64.0													9.0	55.2	2 400				64.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

48.8m (160 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.7	98.2	15 200*													16.8
18.0	73.2	97.9	15 000*													18.0
20.0	70.7	97.2	14 700*													20.0
22.0	68.2	96.5	14 400*													22.0
24.0	65.7	95.6	14 100*													24.0
26.0	63.1	94.7	13 900*	68.5	96.2	13 800*										26.0
28.0	60.4	93.6	13 300*	66.0	95.3	13 600*										28.0
30.0	57.7	92.4	12 500*	63.4	94.4	13 500*	66.6	95.1	12 400							30.0
32.0	54.8	91.0	11 800*	60.7	93.3	12 700	64.1	94.2	11 500							32.0
34.0	51.9	89.6	11 100*	58.0	92.1	11 900	61.4	93.2	10 700							34.0
36.0	48.9	87.9	10 500*	55.2	90.8	11 100	58.7	92.0	9 900							36.0
38.0	45.7	86.0	9 900*	52.3	89.3	10 400	55.9	90.8	9 300							38.0
40.0	42.3	84.0	9 300*	49.2	87.7	9 800	53.0	89.3	8 700	58.9	91.1	7 000				40.0
42.0	38.6	81.6	8 700*	46.0	85.9	9 200	50.0	87.7	8 200	56.1	89.9	6 500				42.0
44.0	34.7	78.9	8 200*	42.7	83.8	8 700	46.9	86.0	7 700	53.2	88.5	6 100				44.0
46.0	30.3	75.8	7 700*	39.1	81.5	8 200	43.6	84.0	7 200	50.2	86.9	5 700	56.2	88.6	4 300	46.0
48.0	25.3	72.0	7 300*	35.2	78.9	7 700	40.0	81.7	6 800	47.1	85.1	5 300	53.3	87.1	3 900	48.0
50.0	19.1	67.1	6 900*	30.9	75.8	7 300	36.2	79.2	6 400	43.8	83.2	5 000	50.3	85.6	3 600	50.0
52.0				25.9	72.1	6 900	32.1	76.3	6 100	40.3	80.9	4 700	47.2	83.8	3 400	52.0
54.0				19.9	67.4	6 700	27.3	72.7	5 700	36.5	78.4	4 400	43.9	81.9	3 100	54.0
56.0				11.1	60.2	6 400	21.6	68.3	5 500	32.4	75.5	4 100	40.4	79.6	2 900	56.0
58.0										27.7	72.0	3 900	36.6	77.1	2 700	58.0
60.0										22.1	67.7	3 700	32.5	74.2	2 400	60.0
62.0										14.6	61.7	3 500	27.8	70.8	2 300	62.0
64.0													22.2	66.5	2 100	64.0
66.0													14.8	60.5	2 000	66.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

48.8m (160 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.6	101.4	13 400*													16.8
18.0	74.2	101.0	13 200*													18.0
20.0	71.9	100.4	12 900*													20.0
22.0	69.6	99.7	12 600*													22.0
24.0	67.2	98.9	12 300*													24.0
26.0	64.8	98.0	12 000*	69.8	99.4	12 000*										26.0
28.0	62.3	97.1	11 800*	67.5	98.6	11 800*										28.0
30.0	59.8	95.9	11 400*	65.1	97.8	11 600*										30.0
32.0	57.2	94.7	10 800*	62.6	96.8	11 400*	65.7	97.6	11 200*							32.0
34.0	54.5	93.4	10 100*	60.1	95.7	11 300*	63.2	96.6	10 400							34.0
36.0	51.7	91.9	9 500*	57.5	94.5	10 900	60.7	95.6	9 700							36.0
38.0	48.9	90.2	8 900*	54.8	93.1	10 100	58.2	94.4	9 000							38.0
40.0	45.9	88.4	8 300*	52.1	91.7	9 500	55.5	93.1	8 500	60.9	94.7	6 800				40.0
42.0	42.7	86.3	7 800*	49.2	90.0	8 900	52.8	91.6	7 900	58.3	93.5	6 300				42.0
44.0	39.3	84.0	7 300*	46.2	88.2	8 400	50.0	90.0	7 400	55.7	92.2	5 800				44.0
46.0	35.7	81.4	6 800*	43.1	86.2	7 900	47.0	88.3	7 000	53.0	90.8	5 400				46.0
48.0	31.7	78.4	6 400*	39.7	83.9	7 500*	43.9	86.3	6 600	50.2	89.2	5 100	55.8	90.9	3 700	48.0
50.0	27.2	74.9	6 000*	36.1	81.3	7 000*	40.6	84.1	6 200	47.2	87.4	4 800	53.0	89.5	3 400	50.0
52.0	21.9	70.5	5 500*	32.2	78.4	6 500*	37.1	81.6	5 800	44.1	85.5	4 400	50.2	87.9	3 100	52.0
54.0	14.8	64.4	5 000*	27.8	74.9	6 100*	33.3	78.8	5 500	40.9	83.3	4 200	47.3	86.1	2 900	54.0
56.0				22.6	70.7	5 600*	29.0	75.5	5 200	37.3	80.8	3 900	44.2	84.2	2 600	56.0
58.0				15.8	64.9	5 100*	24.0	71.5	4 900	33.5	78.0	3 700	40.9	82.0	2 400	58.0
60.0							17.8	66.2	4 700	29.3	74.7	3 400	37.4	79.5	2 200	60.0
62.0										24.4	70.8	3 200	33.6	76.7	2 000	62.0
64.0										18.3	65.7	3 000	29.4	73.5	1 900	64.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

51.8m (170 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	62.7	75.9	35 000b																			15.2
16.0	60.6	75.5	33 500b																			16.0
18.0	55.0	74.2	30 000																			18.0
20.0	49.0	72.6	27 200																			20.0
22.0	42.5	70.7	24 900																			22.0
24.0	35.0	68.2	22 900																			24.0
26.0	25.6	64.8	21 200																			26.0
28.0																						28.0
30.0																						30.0
32.0																						32.0
34.0																						34.0
36.0																						36.0
38.0																						38.0
40.0																						40.0
42.0																						42.0
44.0																						44.0
46.0																						46.0
48.0																						48.0
50.0																						50.0

51.8m (170 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	69.3	79.9	34 700*b																			13.7
14.0	68.7	79.8	34 600*b																			14.0
16.0	64.1	78.9	32 900b																			16.0
18.0	59.4	77.8	29 700																			18.0
20.0	54.4	76.5	26 900	65.3	78.7	23 500b																20.0
22.0	49.0	74.9	24 600	60.6	77.7	21 400b																22.0
24.0	43.2	73.0	22 600	55.6	76.5	19 600	62.2	77.6	18 000b													24.0
26.0	36.7	70.6	20 900	50.4	74.9	18 100	57.3	76.5	16 500													26.0
28.0	29.0	67.5	19 400	44.8	73.1	16 800	52.2	75.1	15 300													28.0
30.0	18.7	63.0	18 200	38.5	70.9	15 600	46.7	73.3	14 200	58.3	75.7	12 000										30.0
32.0				31.1	68.0	14 600	40.7	71.3	13 200	53.3	74.3	11 100										32.0
34.0				21.7	64.0	13 700	33.8	68.6	12 400	47.9	72.7	10 300										34.0
36.0							25.3	65.1	11 600	41.9	70.7	9 700	54.0	73.1	7 900							36.0
38.0							12.3	59.2	11 000	35.2	68.2	9 000	48.7	71.5	7 300							38.0
40.0										27.2	64.9	8 500	42.9	69.6	6 800							40.0
42.0										15.7	59.8	8 100	36.3	67.2	6 400	49.1	69.9	4 900				42.0
44.0													43.3	68.0	4 500	43.3	68.0	4 500				44.0
46.0																36.8	65.6	4 200				46.0
48.0																29.2	62.5	3 900				48.0
50.0																18.9	58.0	3 700	43.3	65.8	2 600	48.0
52.0																			36.8	63.4	2 400	50.0
54.0																			29.1	60.3	2 200	52.0
																			18.8	55.8	2 000	54.0

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



EUROPEAN
STANDARDS

**LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING**

	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			
JIB OPER. RAD.	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB OPER RAD. m
13.7	71.5	83.1	32 000*b																13.7
14.0	70.9	83.0	31 900*b																14.0
16.0	66.9	82.2	31 100*b																16.0
18.0	62.7	81.3	29 000																18.0
20.0	58.4	80.2	26 300	67.9	82.0	23 000b													20.0
22.0	53.8	78.8	24 000	63.8	81.1	20 900b													22.0
24.0	49.0	77.2	22 100	59.5	80.1	19 100	65.2	81.0	17 500										24.0
26.0	43.8	75.3	20 400	55.0	78.8	17 600	60.9	80.0	16 100										26.0
28.0	38.1	73.0	18 900	50.3	77.2	16 300	56.5	78.8	14 900										28.0
30.0	31.5	70.2	17 700	45.2	75.4	15 200	51.9	77.4	13 800										30.0
32.0	23.4	66.3	16 600	39.6	73.2	14 100	47.0	75.6	12 800	57.4	78.0	10 700							32.0
34.0				33.3	70.5	13 300	41.6	73.6	12 000	52.9	76.6	9 900							34.0
36.0				25.6	67.0	12 500	35.5	71.1	11 200	48.0	75.0	9 200							36.0
38.0				14.7	61.5	11 800	28.4	67.9	10 500	42.7	73.0	8 700	53.5	75.4	6 900				38.0
40.0							19.1	63.3	10 000	36.8	70.6	8 100	48.7	73.8	6 400				40.0
42.0										30.0	67.6	7 600	43.5	71.9	6 000				42.0
44.0										21.3	63.4	7 200	37.7	69.6	5 600	49.1	72.2	4 200	44.0
46.0													31.1	66.6	5 300	43.9	70.3	3 900	46.0
48.0													22.7	62.7	5 000	38.2	68.0	3 600	48.0
50.0													8.9	55.7	4 700	31.6	65.1	3 300	50.0
52.0																23.5	61.3	3 100	52.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

51.8m (170 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	73.2	86.3	25 900*b																13.7
14.0	72.7	86.2	25 800*b																14.0
16.0	69.1	85.5	25 200*b																16.0
18.0	65.4	84.7	24 600*																18.0
20.0	61.5	83.7	24 000*	70.0	85.3	22 600b													20.0
22.0	57.6	82.5	23 300	66.3	84.5	20 600													22.0
24.0	53.4	81.1	21 800	62.5	83.5	18 900													24.0
26.0	49.0	79.5	20 100	58.6	82.4	17 300	63.8	83.5	15 800										26.0
28.0	44.3	77.7	18 600	54.5	81.1	16 100	59.9	82.4	14 600										28.0
30.0	39.2	75.4	17 400	50.2	79.5	14 900	55.9	81.1	13 600										30.0
32.0	33.4	72.7	16 300	45.5	77.7	13 900	51.7	79.7	12 600										32.0
34.0	26.6	69.2	15 300	40.5	75.6	13 000	47.1	77.9	11 800	56.7	80.4	9 800							34.0
36.0	17.5	64.3	14 500	35.0	73.0	12 200	42.3	75.9	11 000	52.5	78.9	9 100							36.0
38.0				28.4	69.8	11 500	36.9	73.5	10 400	48.1	77.3	8 500							38.0
40.0				20.1	65.3	10 900	30.8	70.5	9 800	43.3	75.3	8 000	53.1	77.7	6 300				40.0
42.0							23.3	66.6	9 200	38.0	73.0	7 500	48.7	76.1	5 900				42.0
44.0							11.9	60.3	8 800	32.1	70.1	7 100	44.0	74.2	5 500				44.0
46.0										24.9	66.5	6 700	38.9	71.9	5 100	49.1	74.5	3 700	46.0
48.0										14.9	60.9	6 300	33.0	69.2	4 800	44.4	72.6	3 500	48.0
50.0													26.1	65.7	4 500	39.3	70.4	3 200	50.0
52.0													16.7	60.6	4 300	33.5	67.6	3 000	52.0
54.0																26.7	64.2	2 700	54.0
56.0																17.6	59.3	2 600	56.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

51.8m (170 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.6	89.5	24 400*																13.7
14.0	74.2	89.4	24 300*																14.0
16.0	70.9	88.8	23 700*																16.0
18.0	67.5	88.0	23 200*																18.0
20.0	64.1	87.1	22 700*																20.0
22.0	60.6	86.1	21 800*	68.4	87.8	20 100													22.0
24.0	56.9	84.9	20 800*	65.0	86.9	18 400													24.0
26.0	53.1	83.5	19 600	61.5	85.9	16 900	66.1	86.8	15 400										26.0
28.0	49.0	81.8	18 200	57.8	84.8	15 700	62.7	85.9	14 200										28.0
30.0	44.7	80.0	16 900	54.0	83.4	14 500	59.1	84.7	13 200										30.0
32.0	40.1	77.8	15 800	50.1	81.8	13 500	55.3	83.5	12 200										32.0
34.0	34.9	75.2	14 800	45.8	80.0	12 600	51.4	82.0	11 400	59.8	83.9	9 400							34.0
36.0	29.0	72.0	14 000	41.3	77.9	11 800	47.3	80.3	10 600	56.1	82.7	8 700							36.0
38.0	21.7	67.7	13 200	36.3	75.5	11 100	42.9	78.3	10 000	52.2	81.2	8 100							38.0
40.0				30.6	72.4	10 500	38.0	75.9	9 400	48.2	79.6	7 600	56.6	81.5	5 900				40.0
42.0				23.7	68.5	10 000	32.6	73.1	8 800	43.8	77.6	7 100	52.8	80.1	5 500				42.0
44.0				14.1	62.7	9 500	26.3	69.5	8 400	39.1	75.4	6 700	48.8	78.4	5 200				44.0
46.0							17.9	64.6	8 000	33.8	72.7	6 300	44.5	76.5	4 800				46.0
48.0										27.6	69.3	5 900	39.8	74.3	4 500	49.1	76.8	3 100	48.0
50.0										19.9	64.8	5 600	34.6	71.7	4 200	44.8	74.9	2 800	50.0
52.0													28.6	68.4	3 900	40.2	72.7	2 600	52.0
54.0													21.2	64.1	3 700	35.0	70.1	2 400	54.0
56.0													9.2	56.7	3 500	29.1	66.9	2 200	56.0
58.0																21.8	62.7	2 000	58.0

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

51.8m (170 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.9	92.6	22 400*																13.7
14.0	75.4	92.6	22 400*																14.0
16.0	72.4	92.0	22 000*																16.0
18.0	69.3	91.3	21 600*																18.0
20.0	66.2	90.5	21 100*																20.0
22.0	63.0	89.5	20 100*																22.0
24.0	59.7	88.4	19 200*	67.0	90.3	18 300													24.0
26.0	56.3	87.2	18 300*	63.8	89.4	16 800													26.0
28.0	52.8	85.8	17 500*	60.6	88.3	15 500	64.9	89.3	14 100										28.0
30.0	49.0	84.1	16 700*	57.2	87.1	14 400	61.7	88.2	13 100										30.0
32.0	45.1	82.3	15 700	53.7	85.7	13 400	58.3	87.1	12 200										32.0
34.0	40.8	80.1	14 700	50.0	84.2	12 500	54.9	85.8	11 300										34.0
36.0	36.2	77.6	13 800	46.1	82.4	11 800	51.2	84.3	10 600	59.0	86.3	8 700							36.0
38.0	30.9	74.6	13 100	41.9	80.3	11 100	47.4	82.6	9 900	55.6	85.0	8 100							38.0
40.0	24.8	70.8	12 400	37.4	77.9	10 400	43.4	80.6	9 300	52.0	83.6	7 600							40.0
42.0	16.6	65.5	11 800	32.3	75.0	9 800	39.0	78.3	8 800	48.2	81.9	7 100	56.1	83.8	5 500				42.0
44.0				26.4	71.4	9 300	34.1	75.6	8 300	44.2	80.0	6 700	52.5	82.4	5 100				44.0
46.0				18.9	66.7	8 900	28.6	72.3	7 800	39.9	77.7	6 200	48.8	80.7	4 800				46.0
48.0							21.8	68.1	7 400	35.1	75.1	5 900	44.8	78.8	4 500				48.0
50.0							11.7	61.4	7 100	29.7	72.0	5 500	40.5	76.7	4 200	49.1	79.1	2 800	50.0
52.0										23.3	68.0	5 200	35.9	74.1	3 900	45.1	77.2	2 600	52.0
54.0										14.3	62.1	5 000	30.6	71.1	3 600	40.9	75.1	2 400	54.0
56.0													24.3	67.2	3 400	36.2	72.6	2 200	56.0
58.0													15.9	61.8	3 200	31.0	69.6	2 000	58.0
60.0																24.8	65.8	1 900	60.0

LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

**LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING**

51.8m (170 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.8	95.4	19 400* b																15.2
16.0	73.7	95.2	19 300* b																16.0
18.0	70.9	94.5	19 000*																18.0
20.0	68.0	93.8	18 600*																20.0
22.0	65.1	92.9	18 300*																22.0
24.0	62.1	91.9	17 700*	68.7	93.6	17 700													24.0
26.0	59.0	90.8	16 800*	65.8	92.7	16 400													26.0
28.0	55.8	89.5	16 000*	62.8	91.8	15 100													28.0
30.0	52.5	88.1	15 200*	59.8	90.7	14 000	66.8	92.6	13 700										30.0
32.0	49.0	86.4	14 500*	56.6	89.4	13 100	63.9	91.7	12 700										32.0
34.0	45.4	84.6	13 700*	53.3	88.0	12 200	60.8	90.6	11 700										34.0
36.0	41.5	82.5	13 100*	49.9	86.5	11 400	57.7	89.4	11 000										36.0
38.0	37.2	80.0	12 500*	46.3	84.7	10 700	54.5	88.1	10 200	61.4	89.8	8 300							38.0
40.0	32.5	77.2	11 900*	42.5	82.6	10 100	51.1	86.6	9 600	58.3	88.7	7 700							40.0
42.0	27.1	73.7	11 300*	38.3	80.3	9 500	47.5	84.9	9 000	55.1	87.3	7 200							42.0
44.0	20.5	69.1	10 800	33.7	77.5	9 000	43.8	82.9	8 400	51.8	85.9	6 700							44.0
46.0				28.6	74.2	8 500	39.8	80.7	7 900	48.3	84.2	6 300	55.6	86.1	4 800				46.0
48.0				22.3	70.0	8 100	35.4	78.1	7 500	44.6	82.3	5 900	52.3	84.7	4 400				48.0
50.0				13.6	63.8	7 700	30.4	75.0	7 100	40.6	80.1	5 600	48.8	83.0	4 100				50.0
52.0							24.6	71.1	6 700	36.3	77.6	5 200	45.1	81.2	3 800				52.0
54.0							17.0	65.9	6 400	31.5	74.6	4 900	41.2	79.0	3 600	49.1	81.4	2 300	54.0
56.0										25.8	70.9	4 600	36.9	76.6	3 300	45.4	79.5	2 100	56.0
58.0										18.8	66.1	4 400	32.2	73.7	3 100	41.5	77.4	1 900	58.0
60.0													26.7	70.1	2 900				60.0
62.0													20.0	65.5	2 700				62.0
													9.3	57.8	2 500				

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LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN
STANDARDS

888 SERIES 1

LUFFING JIB NO. 135 ON BOOM NO. 22EL
65 360 kg COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

51.8m (170 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.8	98.6	17 100*													15.2
16.0	74.8	98.3	17 000*													16.0
18.0	72.2	97.7	16 700*													18.0
20.0	69.5	97.1	16 400*													20.0
22.0	66.8	96.3	16 100*													22.0
24.0	64.1	95.3	15 800*													24.0
26.0	61.3	94.3	15 500*	67.5	96.1	15 600										26.0
28.0	58.4	93.1	14 600*	64.8	95.2	14 900										28.0
30.0	55.4	91.8	13 900*	62.0	94.2	13 800	65.7	95.0	12 500							30.0
32.0	52.3	90.4	13 200*	59.1	93.0	12 800	62.9	94.1	11 600							32.0
34.0	49.0	88.7	12 500*	56.1	91.8	12 000	60.1	93.0	10 700							34.0
36.0	45.6	86.9	11 800*	53.1	90.3	11 200	57.1	91.8	10 000							36.0
38.0	42.0	84.8	11 200*	49.8	88.8	10 500	54.1	90.4	9 400	60.7	92.2	7 600				38.0
40.0	38.1	82.4	10 600*	46.5	87.0	9 900	51.0	88.9	8 800	57.7	91.0	7 100				40.0
42.0	33.8	79.7	10 100*	42.9	84.9	9 300	47.6	87.2	8 300	54.7	89.7	6 600				42.0
44.0	29.0	76.4	9 600*	39.1	82.6	8 800	44.2	85.2	7 800	51.6	88.2	6 200				44.0
46.0	23.3	72.3	9 100*	34.9	80.0	8 300	40.4	83.0	7 300	48.3	86.5	5 800	55.2	88.4	4 300	46.0
48.0	15.8	66.7	8 700*	30.3	76.9	7 900	36.4	80.5	6 900	44.9	84.6	5 400	52.1	87.0	4 000	48.0
50.0				24.9	73.0	7 500	31.9	77.5	6 500	41.2	82.4	5 100	48.8	85.3	3 700	50.0
52.0				18.0	67.9	7 100	26.8	74.0	6 200	37.2	80.0	4 800	45.4	83.5	3 400	52.0
54.0							20.6	69.4	5 900	32.9	77.1	4 500	41.8	81.4	3 200	54.0
56.0							11.5	62.5	5 700	27.9	73.7	4 200	37.8	79.0	2 900	56.0
58.0										22.0	69.4	4 000	33.5	76.2	2 800	58.0
60.0										13.8	63.2	3 800	28.7	72.9	2 500	60.0
62.0													22.9	68.7	2 400	62.0
64.0													15.3	62.9	2 200	64.0