

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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 EN 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 1 280 kg MINIMUM BLOCK WEIGHT.

57.9m BOOM LENGTH REQUIRES ONLY THE MIDDLE TWO SHEAVES IN LOWER BOOM POINT. ALL OTHER SHEAVES MUST BE REMOVED FROM LOWER BOOM POINT FOR 57.9m BOOM LENGTH. LOWER BOOM POINT ASSEMBLY MUST BE COMPLETELY REMOVED ON 61.0m BOOM LENGTH. WIRE ROPE GUIDE ASSEMBLY NO. 177364 MUST BE REMOVED ON 61.0m BOOM LENGTH WHEN EQUIPPED WITH 42.7m THRU 51.8m LUFFING JIB LENGTHS. LOWER WIRE ROPE GUIDE SHEAVE AND SHAFT IN JIB STRUT MUST BE REMOVED ON 61.0m BOOM WHEN EQUIPPED WITH 48.8m AND 51.8m LUFFING JIB LENGTHS.

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 TURNTABLE 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 m<sup>2</sup>/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 m<sup>2</sup>/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, 81 240 kg CRANE COUNTERWEIGHT, AND 19 960 kg CARBODY COUNTERWEIGHT.

CONSULT CHART NO. 7861-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 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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	47 400*b																14.0
16.0	52.3	40.6	41 700*b	58.4	41.7	44 400*b	61.8	42.1	46 200*b													16.0
18.0	45.2	38.9	38 700*	51.8	40.3	42 000*	55.5	40.9	43 500*b													18.0
20.0	37.0	36.6	33 800*	44.6	38.5	38 800*	48.7	39.4	40 600*	54.8	40.3	39 100b										20.0
22.0	26.8	33.4	28 700*	36.3	36.2	33 500*	41.0	37.4	36 100*	47.9	38.7	35 000	54.0	39.5	33 900b							22.0
24.0				25.9	32.9	29 100*	32.0	34.7	31 700*	40.2	36.7	31 400	47.1	37.9	30 300*							24.0
26.0										31.0	33.9	28 400	39.2	35.8	27 400	45.9	36.8	26 500				26.0
28.0										18.0	29.5	25 200	29.7	32.8	25 000	37.9	34.6	24 100	44.5	35.6	23 300	28.0
30.0													15.8	28.1	22 900	28.0	31.5	22 100	36.2	33.2	21 300	30.0
32.0																12.4	26.1	20 400	25.8	29.9	19 700	32.0

### 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	44 300*b																14.0
16.0	57.7	44.4	38 700*b	62.7	45.2	41 400*b	65.5	45.5	43 000*b													16.0
18.0	51.9	42.9	36 300*	57.2	44.1	38 900*	60.3	44.5	40 400*b													18.0
20.0	45.6	41.2	34 000*	51.5	42.6	36 700*	54.7	43.2	38 000*	59.7	44.0	38 300b										20.0
22.0	38.6	39.0	29 800*	45.2	40.8	33 900*	48.7	41.7	35 600*	54.1	42.6	34 600										22.0
24.0	30.3	36.1	26 400*	38.1	38.6	29 600*	42.1	39.7	31 900*	48.1	41.0	31 200	53.4	41.9	30 200							24.0
26.0				29.6	35.6	26 200*	34.5	37.2	28 100*	41.4	39.0	28 200	47.3	40.2	27 200	52.5	40.9	26 300				26.0
28.0				18.0	31.1	22 100*	25.0	33.7	24 900*	33.7	36.4	25 700	40.5	38.1	24 800	46.3	39.1	23 900				28.0
30.0										23.9	32.8	23 500	32.6	35.4	22 700	39.4	37.0	21 900				30.0
32.0										5.0	25.0	19 300	22.5	31.6	20 900	31.3	34.2	20 200	38.0	35.6	19 500	32.0
34.0																20.5	30.1	18 700	29.5	32.6	18 000	34.0
36.0																			17.8	28.1	16 700	36.0

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**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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* <sup>b</sup>																			12.2
14.0	66.3	48.9	35 600* <sup>b</sup>																			14.0
16.0	61.6	47.9	34 100*	65.9	48.6	36 400* <sup>b</sup>																16.0
18.0	56.7	46.7	32 000*	61.2	47.6	34 300*	63.8	48.0	35 500*													18.0
20.0	51.6	45.3	30 300*	56.4	46.4	32 400*	59.1	46.9	33 500*													20.0
22.0	46.0	43.5	28 800*	51.2	44.9	30 600*	54.1	45.6	31 800*	58.6	46.3	33 400*										22.0
24.0	39.9	41.4	26 600*	45.6	43.2	29 100*	48.7	44.0	30 100*	53.6	45.0	31 000										24.0
26.0	32.8	38.6	23 800*	39.4	41.0	26 400*	42.9	42.0	28 200*	48.2	43.3	28 000	52.9	44.2	27 000							26.0
28.0	24.1	34.9	20 900*	32.3	38.2	23 700*	36.3	39.6	25 100*	42.3	41.4	25 500	47.5	42.5	24 600							28.0
30.0				23.3	34.4	21 200*	28.6	36.5	22 600*	35.6	38.9	23 400	41.5	40.5	22 600	46.6	41.4	21 800				30.0
32.0				7.5	27.2	15 900*	18.0	31.8	20 200*	27.7	35.6	21 500	34.8	37.9	20 800	40.6	39.3	20 000				32.0
34.0										16.6	30.7	19 500	26.6	34.5	19 200	33.6	36.7	18 500	39.3	38.0	17 900	34.0
36.0													14.7	29.2	17 900	25.1	33.2	17 200	32.2	35.2	16 600	36.0
38.0																12.0	27.2	16 100	23.2	31.4	15 400	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* <sup>b</sup>																			12.2
14.0	68.8	52.2	33 800* <sup>b</sup>																			14.0
16.0	64.7	51.3	31 700*	68.5	51.9	33 900* <sup>b</sup>																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	31 100*													20.0
22.0	51.3	47.6	26 500*	55.7	48.7	28 300*	58.1	49.2	29 300*													22.0
24.0	46.3	45.8	25 100*	51.0	47.2	26 800*	53.6	47.9	27 700*	57.7	48.7	29 200*										24.0
26.0	40.9	43.7	23 800*	45.9	45.5	25 400*	48.8	46.3	26 300*	53.1	47.3	27 700	57.1	47.9	26 800							26.0
28.0	34.7	41.1	21 500*	40.4	43.3	23 800*	43.5	44.3	24 800*	48.3	45.6	25 300	52.5	46.5	24 400							28.0
30.0	27.5	37.8	19 500*	34.2	40.7	21 400*	37.8	42.0	22 700*	43.0	43.7	23 200	47.6	44.8	22 300							30.0
32.0	17.6	33.0	16 000*	26.8	37.3	19 500*	31.1	39.1	20 500*	37.2	41.3	21 400	42.3	42.8	20 500	46.9	43.8	19 800				32.0
34.0				16.7	32.3	16 900*	22.8	35.2	18 600*	30.4	38.3	19 800	36.4	40.4	19 000	41.5	41.7	18 300	45.9	42.5	17 600	34.0
36.0										21.8	34.2	18 400	29.5	37.3	17 700	35.4	39.2	17 000	40.4	40.3	16 300	36.0
38.0										6.4	26.3	15 100	20.6	33.0	16 500	28.3	36.0	15 800	34.2	37.7	15 200	38.0
40.0																18.9	31.4	14 800	26.8	34.3	14 200	40.0
42.0																			16.6	29.3	13 300	42.0

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81 240 kg CRANE COUNTERWEIGHT  
19 960 kg CARBODY 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*b																			12.2
14.0	70.8	55.4	32 300*b																			14.0
16.0	67.1	54.6	30 400*																			16.0
18.0	63.3	53.7	28 700*	66.8	54.4	30 600*																18.0
20.0	59.4	52.6	27 100*	63.1	53.4	28 900*																20.0
22.0	55.4	51.4	25 600*	59.1	52.3	27 300*	61.3	52.8	28 200*													22.0
24.0	51.1	49.9	24 300*	55.1	51.0	25 800*	57.3	51.6	26 700*													24.0
26.0	46.6	48.1	23 100*	50.8	49.5	24 500*	53.2	50.2	25 300*	56.9	51.0	26 500*										26.0
28.0	41.7	46.0	21 800*	46.2	47.8	23 300*	48.8	48.6	24 100*	52.8	49.6	25 100	56.4	50.2	24 500							28.0
30.0	36.2	43.6	19 700*	41.3	45.7	21 700*	44.1	46.7	22 700*	48.3	47.9	23 300	52.2	48.8	22 400							30.0
32.0	30.0	40.5	18 000*	35.8	43.2	19 600*	38.9	44.4	20 700*	43.6	46.0	21 500	47.8	47.1	20 600							32.0
34.0	22.2	36.4	15 000*	29.5	40.0	17 900*	33.1	41.6	18 900*	38.4	43.7	19 900	43.0	45.1	19 100	47.1	46.1	18 400				34.0
36.0				21.5	35.8	15 800*	26.2	38.1	17 300*	32.5	40.9	18 500	37.7	42.8	17 700	42.2	44.0	17 100				36.0
38.0				8.1	28.3	11 900*	16.8	33.0	14 900*	25.4	37.3	17 200	31.7	39.9	16 600	36.8	41.6	15 900	41.2	42.7	15 300	38.0
40.0										15.6	31.9	15 300*	24.4	36.1	15 500	30.7	38.6	14 900	29.4	37.0	13 400	40.0
42.0													14.0	30.4	14 500	23.1	34.7	13 900	21.4	32.8	12 600	42.0
44.0																11.6	28.3	13 100				44.0

### 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	26 100*													22.0
24.0	54.9	53.7	22 400*	58.3	54.7	23 900*	60.3	55.1	24 700*													24.0
26.0	50.9	52.2	21 200*	54.6	53.4	22 600*	56.7	53.9	23 300*	60.0	54.6	24 500*										26.0
28.0	46.8	50.4	20 100*	50.6	51.8	21 400*	52.8	52.5	22 100*	56.3	53.3	23 200*	55.8	52.5	22 200							28.0
30.0	42.3	48.4	19 100*	46.5	50.1	20 200*	48.8	50.9	20 900*	52.4	51.9	22 000*	52.0	51.1	20 500							30.0
32.0	37.4	46.0	18 000*	42.0	48.0	19 200*	44.5	49.0	19 900*	48.4	50.2	20 900*	47.9	49.4	18 900	51.4	50.1	18 200				32.0
34.0	31.9	43.1	16 500*	37.0	45.6	17 900*	39.8	46.8	18 800*	44.0	48.3	19 700	43.5	47.4	17 600	47.2	48.4	16 900				34.0
36.0	25.4	39.4	14 600*	31.5	42.6	16 400*	34.6	44.1	17 300*	39.3	46.1	18 300	38.7	45.2	16 300	42.8	46.4	15 700				36.0
38.0	16.6	34.2	11 800*	24.8	38.9	15 100*	28.7	40.9	15 800*	34.1	43.4	17 000	33.4	42.4	15 300	38.0	44.0	14 600	41.9	45.0	14 100	38.0
40.0				15.8	33.5	12 400*	21.2	36.6	14 500*	28.0	40.1	15 800*	27.2	39.0	14 300	32.5	41.2	13 700	24.8	35.9	11 600	40.0
42.0										20.4	35.6	14 500*	19.2	34.3	13 500	26.1	37.6	12 900	15.7	30.5	11 000	42.0
44.0										7.2	27.4	11 600*				17.7	32.6	12 100				44.0
46.0																						46.0
48.0																						48.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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.	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	
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	20 700*										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	19 700*										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	18 700*										30.0
32.0	42.9	50.7	15 600*	46.7	52.4	16 500*	48.8	53.2	17 000*	52.2	54.2	17 800*	55.3	54.9	18 500*							32.0
34.0	38.4	48.4	14 800*	42.5	50.3	15 600*	44.8	51.3	16 100*	48.4	52.5	16 900*	51.7	53.4	17 600*							34.0
36.0	33.5	45.6	14 100*	38.1	48.0	14 900*	40.6	49.1	15 400*	44.4	50.6	16 100*	48.0	51.7	16 800*	51.2	52.4	16 700				36.0
38.0	27.8	42.2	13 500*	33.1	45.2	14 200*	35.9	46.6	14 600*	40.1	48.4	15 400*	43.9	49.8	16 000*	47.4	50.7	15 500				38.0
40.0	20.8	37.8	11 700*	27.3	41.8	13 600*	30.6	43.5	14 000*	35.4	45.9	14 700*	39.6	47.5	15 100	43.3	48.7	14 500	46.6	49.4	13 900	40.0
42.0				20.2	37.2	12 500*	24.4	39.7	13 400*	30.1	42.7	14 000*	34.8	44.9	14 200	38.9	46.4	13 600	42.5	47.4	13 000	42.0
44.0				8.4	29.4	9 500*	16.0	34.3	11 800*	23.7	38.8	13 400*	29.4	41.7	13 300	34.0	43.7	12 700	38.0	45.0	12 200	44.0
46.0										14.9	33.1	12 200*	22.8	37.6	12 500	28.5	40.4	12 000	33.0	42.2	11 500	46.0
48.0													13.5	31.5	11 800	21.6	36.1	11 300	27.3	38.8	10 800	48.0
50.0																11.4	29.4	10 700	20.1	34.2	10 200	50.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	17 100*										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	16 200*										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	15 400*	54.9	57.2	16 000*							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	14 500*	51.6	55.7	15 200*							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	13 800*	48.0	54.0	14 400*							38.0
40.0	29.8	44.9	11 400*	34.4	47.7	12 000*	37.0	49.0	12 400*	40.8	50.8	13 100*	44.3	52.1	13 700*	47.5	53.0	14 200				40.0
42.0	23.8	41.0	10 900*	29.3	44.5	11 500*	32.2	46.1	11 800*	36.5	48.3	12 400*	40.3	49.9	13 000*	43.7	51.0	13 400				42.0
44.0	15.9	35.4	9 400*	23.3	40.4	10 900*	26.8	42.6	11 200*	31.7	45.3	11 800*	36.0	47.3	12 400*	39.7	48.8	12 500	43.0	49.7	12 000	44.0
46.0				15.1	34.7	10 000*	20.0	38.0	10 700*	26.2	41.7	11 300*	31.1	44.3	11 800*	35.3	46.1	11 800	38.9	47.4	11 200	46.0
48.0										19.2	36.9	10 800*	25.4	40.6	11 200*	30.3	43.0	11 100	34.4	44.7	10 600	48.0
50.0										7.7	28.6	9 300*	18.2	35.6	10 800*	24.5	39.2	10 500	29.3	41.5	10 000	50.0
52.0																16.9	33.9	9 900	23.2	37.4	9 500	52.0
54.0																			15.0	31.7	8 900	54.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	13 900*							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	13 100*							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	11 800*	48.1	56.3	12 400*	50.9	57.0	12 900*				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	11 200*	44.6	54.4	11 700*	47.6	55.3	12 200*				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	10 600*	40.9	52.2	11 100*	44.1	53.3	11 600*				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	10 000*	37.0	49.8	10 500*	40.4	51.1	11 000*	43.4	52.0	11 300	46.0
48.0				19.1	38.5	8 700*	23.0	41.2	9 000*	28.2	44.5	9 500*	32.6	46.9	9 900*	36.3	48.6	10 400*	39.6	49.8	10 700	48.0
50.0				8.7	30.5	7 600*	15.3	35.4	8 600*	22.3	40.3	9 000*	27.6	43.4	9 400*	31.8	45.6	9 900*	35.5	47.2	10 100	50.0
52.0										14.4	34.2	8 600*	21.5	39.0	9 000*	26.7	42.1	9 400*	30.9	44.1	9 500	52.0
54.0													13.1	32.6	8 600*	20.5	37.5	8 900*	25.7	40.4	9 000	54.0
56.0																11.3	30.4	8 600*	19.1	35.5	8 500	56.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	11 000*							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	10 400*	50.8	59.3	10 900*				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	9 800*	47.7	57.6	10 200*				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	9 200*	44.4	55.6	9 700*	47.1	56.3	10 000*	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	8 600*	40.9	53.5	9 100*	43.8	54.3	9 400*	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	8 100*	37.2	51.0	8 600*	40.3	52.1	8 900*	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	7 600*	33.1	48.2	8 000*	36.5	49.6	8 400*	52.0
54.0										18.3	38.2	6 800*	24.1	42.1	7 200*	28.6	44.8	7 600*	32.3	46.7	8 000*	54.0
56.0										8.0	29.7	6 500*	17.4	36.9	6 800*	23.2	40.7	7 200*	27.6	43.2	7 500*	56.0
58.0																16.2	35.1	6 800*	22.0	38.9	7 100*	58.0
60.0																			14.5	32.8	6 700*	60.0



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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	9 200*				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	8 600*				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	8 100*				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	7 600*	44.1	56.6	8 000*	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	7 100*	40.8	54.5	7 400*	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	6 600*	37.3	52.0	7 000*	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	6 200*	33.5	49.2	6 500*	56.0
58.0										13.9	35.4	4 800*	20.5	40.4	5 300*	25.3	43.7	5 700*	29.2	45.9	6 100*	58.0
60.0													12.8	33.7	4 800*	19.5	38.8	5 200*	24.3	41.9	5 600*	60.0
62.0																11.2	31.5	4 800*	18.2	36.8	5 100*	62.0
64.0																			8.7	28.5	4 700*	64.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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	41 700*b	59.5	45.0	44 900*b																16.0
18.0	45.6	42.0	39 300*	53.1	43.6	42 400*	57.2	44.3	43 600b													18.0
20.0	37.4	39.8	34 400*	46.0	41.9	40 000*	50.5	42.8	39 400	57.4	43.8	37 800b										20.0
22.0	27.4	36.6	29 700*	38.0	39.7	34 800*	43.1	40.9	35 700	50.7	42.4	34 300b										22.0
24.0	11.1	30.9	21 300*	28.1	36.6	30 400*	34.6	38.5	32 200	43.4	40.5	31 000	50.8	41.7	29 700							24.0
26.0							23.5	34.9	29 000	34.9	38.0	27 900	43.4	39.8	26 800	50.6	40.8	25 700				26.0
28.0										23.9	34.5	25 500	34.9	37.4	24 400	43.2	38.9	23 400				28.0
30.0													24.0	33.8	22 400	34.7	36.4	21 500	42.7	37.7	20 600	30.0
32.0																23.6	32.8	19 800	34.0	35.2	19 000	32.0
34.0																		22.7	31.5	17 500		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	41 900*b																16.0		
18.0	52.2	46.1	36 400*	58.3	47.3	39 300*	61.7	47.8	41 000*b													18.0		
20.0	46.0	44.3	34 400*	52.6	45.9	37 000*	56.2	46.6	38 500	61.9	47.3	37 000b										20.0		
22.0	39.0	42.2	30 300*	46.4	44.2	34 600*	50.3	45.1	35 100	56.4	46.1	33 600										22.0		
24.0	30.8	39.3	26 900*	39.5	42.1	30 700*	43.9	43.3	31 900	50.5	44.7	30 600										24.0		
26.0	19.8	35.1	22 800*	31.4	39.3	27 200*	36.6	40.9	28 900	44.1	42.8	27 800	50.6	44.0	26 600							26.0		
28.0				20.6	35.2	23 800*	27.8	37.7	26 100*	36.9	40.5	25 300	44.2	42.1	24 200	50.4	43.1	23 200				28.0		
30.0							14.9	32.6	22 200*	28.1	37.3	23 100	36.9	39.8	22 200	44.0	41.2	21 200				30.0		
32.0													15.5	32.3	21 300	28.2	36.7	20 500	36.7	38.8	19 500	32.0		
34.0																			27.9	35.7	18 100	34.0		
36.0																			15.0	30.6	16 800	36.0		
38.0																					27.2	34.4	16 100	38.0
																					13.7	29.0	15 000	

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

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

JIB OPER. RAD. DEG. 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. DEG. 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
14.0	66.5	52.0	35 600*b																			14.0
16.0	61.9	51.0	34 100*b	66.8	51.8	36 700*b																16.0
18.0	57.0	49.8	32 100*	62.1	50.8	34 600*	65.1	51.2	36 000*b													18.0
20.0	51.9	48.4	30 400*	57.3	49.7	32 700*	60.4	50.2	34 000*													20.0
22.0	46.3	46.6	28 800*	52.2	48.2	31 000*	55.4	48.9	32 200*	60.5	49.7	33 000										22.0
24.0	40.2	44.5	27 000*	46.7	46.5	29 400*	50.2	47.4	30 500*	55.6	48.5	30 100										24.0
26.0	33.3	41.8	24 200*	40.6	44.4	27 300*	44.5	45.6	28 800	50.4	47.0	27 600	55.6	47.8	26 500							26.0
28.0	24.6	38.2	21 600*	33.7	41.8	24 400*	38.2	43.3	26 100	44.7	45.1	25 100	50.4	46.3	24 100							28.0
30.0	10.9	32.0	16 400*	25.2	38.3	22 000*	30.8	40.4	23 500*	38.4	42.9	23 000	44.7	44.4	22 000	50.2	45.4	21 100				30.0
32.0				12.1	32.3	18 400*	21.3	36.3	21 200*	31.0	40.0	21 200	38.4	42.2	20 300	44.5	43.5	19 400				32.0
34.0										21.6	35.9	19 600	31.1	39.3	18 800	38.2	41.2	17 900	44.1	42.3	17 100	34.0
36.0													21.7	35.3	17 400	30.9	38.3	16 700	30.3	37.1	14 800	36.0
38.0																21.4	34.3	15 500	20.5	32.9	13 800	38.0
40.0																						40.0

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

JIB OPER. RAD. DEG. 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. DEG. 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			
14.0	69.0	55.3	33 800*b																			14.0			
16.0	64.9	54.4	31 700*	69.2	55.1	34 200*b																16.0			
18.0	60.6	53.4	29 800*	65.1	54.2	32 200*	63.6	53.6	31 500*													18.0			
20.0	56.2	52.1	28 100*	60.9	53.2	30 300*	59.3	52.6	29 800*													20.0			
22.0	51.6	50.7	26 500*	56.5	52.0	28 600*	54.8	51.3	28 100*	59.4	52.1	29 400										22.0			
24.0	46.6	49.0	25 200*	51.9	50.6	27 000*	50.1	49.7	26 600*	55.0	50.8	27 200	55.0	50.1	23 800							24.0			
26.0	41.2	46.9	23 900*	46.9	48.8	25 700*	45.0	47.9	25 300*	50.2	49.3	24 900	50.2	48.6	21 800							26.0			
28.0	35.1	44.3	21 900*	41.5	46.8	24 200*	39.4	45.7	23 600*	45.1	47.4	22 800	45.2	46.8	20 000							28.0			
30.0	27.9	41.1	19 800*	35.5	44.3	22 100*	33.0	42.9	21 300*	39.5	45.2	21 000	45.2	44.6	18 600	45.0	45.8	17 700	44.6	44.6	15 700	30.0			
32.0	18.3	36.4	17 300*	28.4	41.1	20 000*	25.3	39.4	19 400*	33.2	42.5	19 400	39.6	44.6	18 600	39.4	43.6	16 400	39.0	42.4	14 600	32.0			
34.0				19.0	36.5	18 000*	14.1	33.8	17 000*	25.5	39.0	18 100	33.2	41.8	17 200	33.0	40.9	15 300	32.6	39.6	13 600	34.0			
36.0										14.5	33.5	16 800	25.6	38.3	16 100	25.3	37.3	14 300	25.3	37.3	13 600	36.0			
38.0																						38.0			
40.0																						40.0			
42.0																			14.2	31.7	13 400	24.7	36.0	12 700	42.0
44.0																			13.1	30.1	12 000	13.1	30.1	12 000	44.0

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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*b																			12.2
14.0	71.0	58.5	32 200*b																			14.0
16.0	67.3	57.7	30 400*																			16.0
18.0	63.5	56.8	28 700*	67.5	57.6	30 800*																18.0
20.0	59.7	55.7	27 100*	63.8	56.7	29 100*	66.1	57.0	30 100*													20.0
22.0	55.6	54.5	25 700*	59.9	55.6	27 500*	62.3	56.0	28 600*													22.0
24.0	51.4	53.0	24 300*	55.8	54.3	26 100*	58.4	54.9	27 000*													24.0
26.0	46.8	51.3	23 100*	51.6	52.9	24 700*	54.3	53.6	25 700*	58.5	54.4	26 900										26.0
28.0	41.9	49.2	21 900*	47.1	51.1	23 500*	50.0	52.0	24 400*	54.4	53.1	24 900										28.0
30.0	36.5	46.8	20 100*	42.2	49.1	22 100*	45.3	50.2	23 200*	50.1	51.6	22 900	54.5	52.4	21 900							30.0
32.0	30.3	43.7	18 300*	36.9	46.7	20 200*	40.3	48.0	21 500*	45.5	49.7	21 100	50.1	50.9	20 200							32.0
34.0	22.7	39.7	16 400*	30.7	43.7	18 400*	34.7	45.4	19 600*	40.5	47.6	19 500	45.5	49.1	18 700	50.0	50.0	17 800				34.0
36.0	10.7	33.1	12 100*	23.2	39.8	16 900*	28.1	42.2	17 900*	34.9	45.0	18 100	40.5	46.9	17 300	45.4	48.1	16 500				36.0
38.0				11.8	33.4	13 800*	19.7	37.7	16 400*	28.4	41.8	16 900	34.9	44.3	16 200	40.4	46.0	15 400				38.0
40.0										20.0	37.3	15 800	28.4	41.1	15 100	34.7	43.4	14 400	40.0	44.8	13 700	40.0
42.0													20.1	36.6	14 200	28.2	40.1	13 500	34.3	42.1	12 800	42.0
44.0																19.8	35.6	12 700	27.7	38.8	12 000	44.0
46.0																			19.1	34.2	11 300	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*b																			12.2	
14.0	72.6	61.7	29 800*b																			14.0	
16.0	69.3	61.0	28 100*																			16.0	
18.0	65.9	60.2	26 600*																			18.0	
20.0	62.4	59.2	25 100*	66.1	60.0	26 900*																20.0	
22.0	58.8	58.1	23 800*	62.6	59.1	25 500*	64.8	59.5	26 400*													22.0	
24.0	55.1	56.8	22 500*	59.0	57.9	24 100*	61.3	58.4	25 000*													24.0	
26.0	51.2	55.3	21 300*	55.3	56.6	22 800*	57.7	57.3	23 700*	61.4	58.0	24 900*										26.0	
28.0	47.0	53.6	20 200*	51.4	55.2	21 600*	53.9	55.9	22 400*	57.8	56.8	23 700*										28.0	
30.0	42.6	51.5	19 200*	47.3	53.4	20 500*	49.9	54.3	21 300*	54.0	55.4	22 500*										30.0	
32.0	37.7	49.2	18 200*	42.8	51.4	19 400*	45.7	52.5	20 200*	50.0	53.9	20 900	54.0	54.7	20 000							32.0	
34.0	32.2	46.3	16 800*	38.0	49.1	18 400*	41.1	50.4	19 200*	45.8	52.1	19 300	50.0	53.2	18 400							34.0	
36.0	25.8	42.7	15 400*	32.6	46.3	16 900*	36.1	47.9	17 900*	41.2	49.9	18 000	45.8	51.4	17 100	49.9	52.3	16 300				36.0	
38.0	17.2	37.6	12 900*	26.2	42.7	15 500*	30.3	44.8	16 400*	36.2	47.5	16 700	41.3	49.3	15 900	45.7	50.4	15 200				38.0	
40.0				17.8	37.8	14 000*	23.4	40.9	15 100*	30.5	44.4	15 600	36.3	46.8	14 900	41.1	48.3	14 200	45.4	49.3	13 500	40.0	
42.0										13.5	34.9	13 200*	23.7	40.5	14 700	30.6	43.7	13 900	36.1	45.8	13 300	42.0	
44.0													13.9	34.6	13 800	23.7	39.8	13 100	30.4	42.8	12 400	44.0	
46.0																			23.5	38.8	11 700	46.0	
48.0																			13.6	32.9	11 100	48.0	
50.0																				22.9	37.5	10 500	50.0
																				12.6	31.2	9 900	

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STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 24.4m (80 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	74.4	65.0	25 500*																			13.7
14.0	74.0	64.9	25 300*																			14.0
16.0	70.9	64.3	24 000*																			16.0
18.0	67.8	63.5	22 700*																			18.0
20.0	64.7	62.6	21 400*	68.0	63.3	22 900*																20.0
22.0	61.4	61.6	20 300*	64.9	62.5	21 700*	66.9	62.8	22 400*													22.0
24.0	58.1	60.4	19 200*	61.6	61.4	20 500*	63.7	61.9	21 200*													24.0
26.0	54.6	59.1	18 200*	58.3	60.3	19 500*	60.4	60.8	20 100*													26.0
28.0	51.0	57.6	17 300*	54.8	59.0	18 500*	57.0	59.6	19 100*	60.5	60.3	20 100*										28.0
30.0	47.2	55.9	16 400*	51.2	57.5	17 500*	53.5	58.2	18 100*	57.1	59.1	19 100*										30.0
32.0	43.1	53.9	15 600*	47.4	55.7	16 600*	49.8	56.6	17 200*	53.6	57.7	18 200*										32.0
34.0	38.7	51.6	14 800*	43.3	53.8	15 800*	45.9	54.8	16 400*	49.9	56.2	17 300*	53.6	57.0	18 000							34.0
36.0	33.8	48.8	14 200*	38.9	51.5	15 100*	41.7	52.7	15 600*	46.0	54.4	16 400*	50.0	55.5	17 000							36.0
38.0	28.1	45.5	13 500*	34.1	48.8	14 400*	37.2	50.3	14 900*	41.9	52.3	15 700*	46.1	53.7	15 800	49.8	54.6	15 000				38.0
40.0	21.2	41.1	12 800*	28.5	45.5	13 800*	32.1	47.4	14 200*	37.3	49.9	14 900*	41.9	51.6	14 700	46.0	52.7	14 000				40.0
42.0	10.7	34.1	9 700*	21.7	41.2	13 100*	26.2	43.8	13 600*	32.3	47.0	14 300*	37.4	49.2	13 800	41.8	50.7	13 100	45.7	51.6	12 400	42.0
44.0				11.5	34.5	11 000*	18.5	39.0	12 900*	26.4	43.4	13 600	32.3	46.3	13 000	37.2	48.2	12 300	41.5	49.5	11 600	44.0
46.0										18.8	38.6	12 900	26.4	42.8	12 200	32.1	45.4	11 600	36.9	47.0	11 000	46.0
48.0													18.9	38.0	11 500	26.2	41.8	10 900	31.8	44.1	10 300	48.0
50.0																18.6	36.9	10 300	25.7	40.4	9 700	50.0
52.0																			18.0	35.5	9 200	52.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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.	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	
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	17 400*										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	16 600*										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	15 700*	56.6	60.8	16 400*							34.0
36.0	39.5	53.9	12 700*	43.8	56.1	13 500*	46.1	57.1	14 100*	49.9	58.5	14 900*	53.3	59.4	15 600*							36.0
38.0	35.0	51.3	12 000*	39.7	53.8	12 800*	42.3	55.1	13 300*	46.3	56.7	14 100*	49.9	57.8	14 800*							38.0
40.0	30.0	48.2	11 400*	35.3	51.2	12 200*	38.1	52.7	12 600*	42.4	54.6	13 400*	46.3	56.0	14 100*	49.8	56.9	13 800				40.0
42.0	24.1	44.3	10 900*	30.4	48.1	11 600*	33.5	49.9	12 000*	38.3	52.3	12 700*	42.4	53.9	13 400*	46.2	55.1	12 900				42.0
44.0	16.4	38.8	10 100*	24.5	44.3	11 100*	28.3	46.6	11 400*	33.7	49.5	12 100*	38.3	51.6	12 700*	42.3	53.0	12 100				44.0
46.0				16.9	39.0	10 500*	22.0	42.3	10 900*	28.5	46.2	11 500*	33.7	48.8	12 000	38.2	50.6	11 300	42.0	51.8	10 700	46.0
48.0							13.1	36.0	10 200*	22.2	42.0	11 000*	28.5	45.5	11 300	33.6	47.9	10 700	37.9	49.4	10 100	48.0
50.0										13.4	35.8	10 600*	22.3	41.3	10 700	28.4	44.5	10 100	33.2	46.6	9 500	50.0
52.0																22.1	40.3	9 500	28.0	43.2	9 000	52.0
54.0																13.2	34.0	9 000	21.5	38.9	8 500	54.0
56.0																			12.3	32.3	8 100	56.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	15 200*										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	14 400*										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	13 500*	56.1	63.1	14 200*							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	12 800*	53.0	61.7	13 500*							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	12 100*	49.8	60.1	12 800*							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	11 500*	46.5	58.3	12 100*	49.7	59.2	12 600*				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	10 800*	42.9	56.3	11 400*	46.4	57.4	12 000*				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	10 300*	39.1	54.0	10 800*	42.8	55.3	11 400*	46.1	56.2	10 800	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	9 700*	34.9	51.3	10 300*	39.0	53.0	10 800	42.5	54.1	10 200	48.0
50.0				11.4	35.6	8 500*	17.7	40.2	8 700*	24.8	45.0	9 200*	30.3	48.2	9 700*	34.8	50.4	10 100	38.7	51.8	9 600	50.0
52.0										17.9	39.9	8 800*	24.8	44.3	9 200*	30.1	47.2	9 600	34.5	49.1	9 000	52.0
54.0													18.0	39.2	8 800*	24.7	43.3	9 100	29.8	45.9	8 500	54.0
56.0																17.7	38.2	8 600	24.2	42.0	8 100	56.0
58.0																			17.1	36.7	7 700	58.0

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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*										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*										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*										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	10 100*	49.7	61.5	10 600*				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	9 500*	46.5	59.7	10 000*				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	9 000*	43.2	57.7	9 400*	46.3	58.5	9 900*	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	8 400*	39.6	55.4	8 900*	43.0	56.5	9 300*	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	7 900*	35.8	52.8	8 400*	39.4	54.2	8 800*	52.0
54.0							12.7	37.1	6 600*	21.1	43.4	7 000*	26.9	47.2	7 400*	31.6	49.8	7 900*	35.5	51.6	8 300*	54.0
56.0										13.1	36.9	6 600*	21.1	42.7	7 000*	26.7	46.2	7 400*	31.3	48.5	7 800*	56.0
58.0																20.9	41.7	7 000*	26.4	44.9	7 400*	58.0
60.0																12.8	35.1	6 700*	20.5	40.3	7 000*	60.0
62.0																			12.1	33.4	6 700*	62.0



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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	10 300*							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	9 700*							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	9 100*							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	8 500*	49.6	63.8	9 000*				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	8 000*	46.7	62.0	8 500*				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	7 500*	43.6	60.0	7 900*				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	6 900*	40.2	57.7	7 400*	43.3	58.8	7 800*	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	6 500*	36.7	55.2	6 900*	40.0	56.5	7 400*	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	6 100*	32.8	52.3	6 500*	36.4	54.0	6 900*	56.0
58.0										17.2	41.1	5 100*	23.6	45.9	5 600*	28.5	49.0	6 100*	32.5	51.1	6 500*	58.0
60.0													17.2	40.5	5 100*	23.4	44.9	5 500*	28.1	47.7	6 000*	60.0
62.0																17.0	39.4	5 100*	23.0	43.5	5 500*	62.0
64.0																5.8	29.5	4 600*	16.5	37.9	5 000*	64.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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	41 800*b	60.7	48.2	45 400*b																16.0
18.0	46.0	45.2	39 600*	54.3	46.9	42 800*b	58.8	47.6	42 600b													18.0
20.0	37.9	43.0	34 900*	47.4	45.3	39 500	52.3	46.2	38 400b	59.9	47.2	36 600b										20.0
22.0	28.0	39.9	30 500*	39.5	43.2	35 700	45.2	44.5	34 900	53.4	45.9	33 200b										22.0
24.0	12.5	34.5	23 400*	30.1	40.3	31 500*	37.0	42.2	31 800	46.4	44.2	30 300	54.3	45.3	28 900							24.0
26.0							26.8	39.0	28 800	38.4	42.0	27 500	47.4	43.7	26 200							26.0
28.0									28 800	28.7	39.0	25 000	39.6	41.6	23 900	48.1	42.9	22 800				28.0
30.0										13.9	33.9	22 900	30.2	38.7	21 900	40.3	40.8	20 800				30.0
32.0													16.6	34.1	20 100	31.1	38.1	19 200	40.7	39.8	18 200	32.0
34.0																18.3	33.7	17 700	31.6	37.1	16 800	34.0
36.0																			19.1	32.8	15 600	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	42 300*b																16.0
18.0	52.5	49.2	36 500*	59.3	50.6	39 800*b	63.1	51.1	41 400b													18.0
20.0	46.3	47.5	34 500*	53.7	49.2	37 400*	57.7	50.0	37 600													20.0
22.0	39.4	45.3	30 800*	47.6	47.6	35 200	51.9	48.6	34 100	58.6	49.6	32 500b										22.0
24.0	31.3	42.5	27 300*	40.8	45.5	31 700	45.7	46.8	31 200	52.9	48.2	29 700										24.0
26.0	20.5	38.4	24 200*	33.0	42.9	28 000*	38.7	44.6	28 600	46.7	46.5	27 300	53.7	47.6	26 000							26.0
28.0				23.0	39.1	24 900*	30.4	41.7	26 100	39.9	44.4	24 900	47.6	46.0	23 600							28.0
30.0							19.1	37.3	23 900	31.8	41.6	22 800	40.8	43.9	21 700	48.2	45.2	20 600				30.0
32.0										21.3	37.6	21 000	33.0	41.3	20 000	41.5	43.2	19 000				32.0
34.0													23.0	37.5	18 400	33.8	40.6	17 500	41.8	42.1	16 600	34.0
36.0																24.1	37.0	16 200	34.2	39.6	15 400	36.0
38.0																5.8	29.5	15 100	24.6	36.0	14 300	38.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	37 000*b																16.0
18.0	57.3	52.9	32 100*	63.0	54.0	34 900*																18.0
20.0	52.1	51.5	30 400*	58.2	52.9	33 000*	61.6	53.5	34 500*													20.0
22.0	46.6	49.8	28 900*	53.1	51.6	31 300*	56.8	52.3	32 700*													22.0
24.0	40.6	47.7	27 200*	47.7	49.9	29 700*	51.6	50.9	30 600	57.6	51.9	29 200										24.0
26.0	33.7	45.1	24 500*	41.8	47.9	28 100*	46.1	49.1	28 300	52.5	50.5	26 800										26.0
28.0	25.1	41.5	22 100*	35.1	45.4	25 100*	39.9	47.0	26 000	47.0	48.8	24 700	53.2	50.0	23 500							28.0
30.0	12.0	35.6	17 800*	27.0	42.0	22 600*	32.9	44.2	23 800	41.0	46.8	22 600	47.7	48.3	21 500							30.0
32.0				15.4	36.9	20 400*	24.1	40.6	21 900	34.1	44.2	20 900	41.8	46.3	19 800	48.3	47.5	18 800				32.0
34.0										25.7	40.7	19 300	35.1	43.8	18 300	42.4	45.5	17 400				34.0
36.0										13.1	35.0	17 900				27.0	40.4	17 000	42.7	44.5	15 200	36.0
38.0													15.4	35.3	15 800	27.8	39.8	15 000	36.1	42.0	14 200	38.0
40.0																16.8	35.0	14 000			13 200	40.0
42.0																			17.5	34.1	12 400	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	32 500*																18.0
20.0	56.5	55.3	28 100*	61.7	56.4	30 600*	64.7	56.9	31 900*													20.0
22.0	51.8	53.8	26 600*	57.3	55.3	28 900*	60.4	55.9	30 200*													22.0
24.0	46.9	52.1	25 200*	52.7	53.9	27 300*	56.0	54.6	28 600*													24.0
26.0	41.5	50.0	24 000*	47.9	52.2	25 900*	51.3	53.2	27 100*	56.7	54.3	26 300										26.0
28.0	35.4	47.5	22 200*	42.6	50.2	24 600*	46.4	51.4	25 600	52.1	52.8	24 300										28.0
30.0	28.3	44.3	20 100*	36.7	47.8	22 800*	40.9	49.3	23 600	47.2	51.1	22 400	52.8	52.3	21 300							30.0
32.0	18.9	39.7	18 300*	29.8	44.7	20 500*	34.8	46.7	21 700	41.8	49.1	20 600	47.9	50.6	19 500							32.0
34.0				21.0	40.5	18 700*	27.5	43.4	20 000*	35.8	46.6	19 100	42.6	48.6	18 100	48.3	49.8	17 100				34.0
36.0							17.7	38.6	18 200*	28.8	43.5	17 700	36.7	46.2	16 800	43.1	47.9	15 900				36.0
38.0										19.6	39.0	16 500	29.8	43.2	15 600	37.3	45.5	14 700	43.3	46.8	13 900	38.0
40.0													21.0	38.9	14 600	30.5	42.5	13 800	37.5	44.4	13 000	40.0
42.0																22.0	38.4	12 900	30.9	41.5	12 200	42.0
44.0																6.9	30.7	12 100	22.5	37.5	11 400	44.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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	29 400*	67.1	60.2	30 500*													20.0
22.0	55.8	57.6	25 700*	60.6	58.8	27 800*	63.4	59.3	28 900*													22.0
24.0	51.6	56.1	24 400*	56.6	57.6	26 300*	59.5	58.2	27 400*													24.0
26.0	47.1	54.4	23 200*	52.4	56.2	25 000*	55.4	57.0	26 000*	60.1	57.8	26 100										26.0
28.0	42.2	52.4	22 000*	48.0	54.5	23 700*	51.1	55.5	24 700*	56.1	56.6	24 100										28.0
30.0	36.8	50.0	20 400*	43.2	52.5	22 600*	46.6	53.7	23 500*	51.8	55.1	22 500										30.0
32.0	30.7	47.0	18 500*	37.9	50.2	20 700*	41.7	51.7	21 800	47.4	53.4	20 700	52.4	54.6	19 700							32.0
34.0	23.1	43.0	16 800*	31.9	47.3	18 900*	36.3	49.2	20 200	42.5	51.4	19 200	48.0	52.9	18 200							34.0
36.0	11.7	36.6	13 200*	24.7	43.6	17 300*	30.0	46.1	18 400*	37.2	49.0	17 800	43.2	50.9	16 900	48.4	52.1	16 000				36.0
38.0				14.6	38.0	15 200*	22.2	42.0	16 900*	31.1	46.1	16 600	37.9	48.6	15 700	43.6	50.2	14 900	43.9	49.1	13 100	38.0
40.0										23.6	42.2	15 500	31.9	45.7	14 700	38.4	47.9	13 900				40.0
42.0										12.7	36.1	14 600	24.7	42.0	13 800	32.6	45.1	13 000	38.7	46.8	12 200	42.0
44.0													14.6	36.4	12 900	25.5	41.5	12 200	32.9	44.1	11 500	44.0
46.0																15.8	36.2	11 500	25.9	40.5	10 800	46.0
48.0																			16.4	35.3	10 200	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	25 700*	65.7	62.7	26 700*													22.0
24.0	55.3	59.9	22 500*	59.7	61.2	24 400*	62.2	61.7	25 300*													24.0
26.0	51.4	58.4	21 300*	56.0	59.9	23 100*	58.6	60.6	24 000*	62.8	61.3	25 300										26.0
28.0	47.2	56.7	20 200*	52.1	58.5	21 800*	54.9	59.3	22 800*	59.2	60.2	23 600										28.0
30.0	42.8	54.7	19 200*	48.0	56.8	20 700*	51.0	57.8	21 600*	55.5	58.9	22 000										30.0
32.0	38.0	52.4	18 300*	43.7	54.9	19 600*	46.8	56.0	20 500*	51.6	57.4	20 500										32.0
34.0	32.5	49.5	17 000*	38.9	52.6	18 600*	42.3	54.0	19 500*	47.5	55.7	19 000	52.1	56.9	17 900							34.0
36.0	26.1	46.0	15 600*	33.6	49.9	17 300*	37.5	51.6	18 400*	43.1	53.8	17 600	48.1	55.2	16 700							36.0
38.0	17.8	41.0	13 600*	27.5	46.5	15 900*	31.9	48.7	16 900*	38.3	51.4	16 400	43.7	53.3	15 500	48.4	54.4	14 600				38.0
40.0				19.6	41.9	14 600*	25.4	45.1	15 500*	32.9	48.6	15 300	38.9	51.0	14 500	44.1	52.5	13 700				40.0
42.0										16.7	39.9	14 300*	26.6	45.1	14 400	33.6	48.3	13 600	39.4	50.3	12 800	42.0
44.0													18.4	40.3	13 500	27.5	44.9	12 700	34.2	47.6	12 000	44.0
46.0																19.6	40.3	12 000	28.1	44.3	11 300	46.0
48.0																			20.5	39.8	10 600	48.0
50.0																			7.5	31.8	10 000	50.0

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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* <sup>b</sup>																			13.7
14.0	74.1	68.0	25 200* <sup>b</sup>																			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	20 400*													26.0
28.0	51.2	60.7	17 300*	55.5	62.3	18 600*	57.9	62.9	19 400*	61.8	63.7	20 400*										28.0
30.0	47.4	59.0	16 400*	51.9	60.8	17 700*	54.5	61.6	18 400*	58.5	62.6	19 500*										30.0
32.0	43.3	57.0	15 600*	48.1	59.1	16 800*	50.8	60.1	17 500*	55.0	61.2	18 500*										32.0
34.0	38.9	54.7	14 900*	44.1	57.2	16 000*	47.0	58.3	16 600*	51.4	59.8	17 700*	55.5	60.7	17 800							34.0
36.0	34.0	52.0	14 200*	39.8	55.0	15 200*	42.9	56.3	15 800*	47.6	58.0	16 800*	51.9	59.2	16 500							36.0
38.0	28.5	48.7	13 600*	35.0	52.3	14 500*	38.4	54.0	15 000*	43.6	56.1	16 000*	48.1	57.5	15 300							38.0
40.0	21.6	44.5	13 000*	29.6	49.2	13 900*	33.5	51.2	14 400*	39.2	53.8	15 200	44.1	55.6	14 300	48.5	56.7	13 500				40.0
42.0	11.5	37.7	10 600*	23.1	45.1	13 300*	27.8	47.9	13 800*	34.4	51.1	14 200	39.8	53.4	13 400	44.5	54.8	12 600				42.0
44.0				14.0	39.2	12 100*	20.8	43.4	13 200*	28.8	47.9	13 400	35.0	50.7	12 600	40.2	52.6	11 800	44.7	53.7	11 100	44.0
46.0										22.1	43.7	12 600	29.6	47.6	11 800	35.5	50.0	11 100	40.4	51.6	10 400	46.0
48.0										12.3	37.2	11 800	23.1	43.5	11 200	30.2	46.9	10 500	35.7	49.0	9 800	48.0
50.0													14.0	37.6	10 600	23.8	43.0	9 900	30.4	45.9	9 200	50.0
52.0																15.1	37.3	9 300	24.1	42.1	8 700	52.0
54.0																			15.6	36.5	8 200	54.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY 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	17 800*										30.0
32.0	47.5	61.3	14 100*	51.7	63.1	15 200*	54.1	63.9	15 900*	57.8	64.9	16 900*										32.0
34.0	43.7	59.4	13 400*	48.2	61.4	14 500*	50.7	62.4	15 000*	54.6	63.6	16 000*										34.0
36.0	39.7	57.1	12 700*	44.5	59.5	13 700*	47.1	60.6	14 300*	51.2	62.1	15 200*										36.0
38.0	35.3	54.5	12 000*	40.5	57.3	13 000*	43.3	58.6	13 500*	47.7	60.3	14 400*	55.0	63.0	16 000*							38.0
40.0	30.3	51.4	11 500*	36.2	54.8	12 300*	39.3	56.4	12 800*	44.0	58.4	13 700*	51.7	61.5	15 200*							40.0
42.0	24.5	47.5	10 900*	31.3	51.8	11 700*	34.8	53.7	12 200*	39.9	56.2	13 000*	48.2	59.8	14 300*	52.0	60.7	13 400				42.0
44.0	16.9	42.2	10 500*	25.7	48.1	11 200*	29.8	50.5	11 600*	35.6	53.6	12 300*	44.5	57.9	13 400	48.5	59.0	12 600				44.0
46.0				18.6	43.2	10 700*	23.8	46.6	11 100*	30.6	50.5	11 800*	40.5	55.7	12 500	44.8	57.1	11 800				46.0
48.0							15.9	41.1	10 600*	24.9	46.7	11 200*	36.2	53.2	11 800	40.9	55.0	11 100	45.0	56.1	10 300	48.0
50.0										17.4	41.6	10 800*	31.3	50.2	11 100	31.8	49.5	9 800	36.8	51.4	9 200	50.0
52.0													18.6	41.6	9 900	26.3	45.9	9 200	19.4	41.2	8 800	52.0
54.0																8.0	32.9	8 800	26.6	45.0	8 100	54.0
56.0																		8 300	19.7	40.3	7 700	56.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	15 500*										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	14 700*										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	13 900*										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	13 100*	54.7	65.3	13 900*							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	12 400*	51.5	63.8	13 200*							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	11 700*	48.2	62.1	12 500*							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	11 100*	44.8	60.2	11 800*	48.6	61.3	11 700				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	10 500*	41.1	58.1	11 200*	45.1	59.4	11 000				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	10 000*	37.1	55.6	10 600*	41.5	57.3	10 300	45.3	58.4	9 700	48.0
50.0				13.5	40.3	8 600*	19.7	44.8	8 900*	27.1	49.6	9 400*	32.8	52.7	10 000*	37.5	54.9	9 700	41.6	56.3	9 100	50.0
52.0										20.9	45.1	8 900*	27.8	49.3	9 500*	33.2	52.1	9 200	37.7	53.8	8 600	52.0
54.0										12.0	38.3	8 600*	21.8	45.0	9 100*	28.3	48.7	8 700	33.4	51.0	8 100	54.0
56.0													13.5	38.7	8 700*	22.4	44.5	8 200	28.5	47.7	7 600	56.0
58.0																14.5	38.5	7 800	22.7	43.5	7 200	58.0
60.0																			15.0	37.7	6 900	60.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	13 300*										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	12 500*										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	11 700*										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	11 100*	54.3	67.6	11 800*							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	10 400*	51.4	66.1	11 100*							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	9 800*	48.3	64.4	10 400*							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	9 200*	45.1	62.5	9 800*	48.6	63.6	10 400*				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	8 600*	41.6	60.4	9 200*	45.4	61.7	9 800*				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	8 100*	38.0	58.0	8 700*	42.0	59.6	9 300*	45.5	60.7	8 900	50.0
52.0				17.7	44.5	6 800*	22.6	48.1	7 100*	28.9	52.3	7 600*	34.0	55.2	8 200*	38.3	57.3	8 700*	42.1	58.6	8 300	52.0
54.0							15.3	42.2	6 700*	23.5	48.2	7 200*	29.5	52.0	7 700*	34.4	54.6	8 200*	38.5	56.2	7 900	54.0
56.0										16.7	42.8	6 800*	24.3	48.1	7 300*	29.9	51.4	7 800*	34.6	53.5	7 400	56.0
58.0													17.7	42.9	6 900*	24.8	47.5	7 300*	30.2	50.4	7 100	58.0
60.0																18.5	42.5	6 900*	25.1	46.6	6 600	60.0
62.0																8.3	34.0	6 500*	18.8	41.6	6 300	62.0
64.0																			9.0	33.5	6 000	64.0



# MANITOWOC ENGINEERING CO.

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	10 500*							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	10 000*							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	9 400*							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	8 800*	51.5	67.6	9 400*				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	8 300*	48.6	65.9	8 800*				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	7 700*	45.6	64.0	8 300*				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	7 200*	42.4	62.0	7 700*	45.7	63.0	8 200	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	6 700*	39.0	59.6	7 300*	42.6	60.9	7 700	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	6 300*	35.4	57.0	6 800*	39.2	58.6	7 300*	56.0
58.0										19.9	46.4	5 200*	26.3	51.0	5 800*	31.3	54.0	6 300*	35.5	56.0	6 800*	58.0
60.0										11.8	39.4	4 800*	20.8	46.4	5 300*	26.8	50.4	5 900*	31.5	53.0	6 400*	60.0
62.0													13.2	39.8	4 900*	21.3	45.9	5 400*	27.0	49.4	5 900*	62.0
64.0																14.1	39.6	4 900*	21.6	45.0	5 400*	64.0
66.0																			14.5	38.8	4 900*	66.0

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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	43 700*b																			14.0
16.0	53.4	50.0	41 800*b	61.8	51.4	45 800*b																16.0
18.0	46.4	48.3	39 600*	55.5	50.2	42 600b	60.5	50.9	41 400b													18.0
20.0	38.4	46.1	35 400*	48.7	48.7	38 600	54.1	49.6	37 300b	62.3	50.6	35 300b										20.0
22.0	28.6	43.1	30 900*	41.1	46.7	35 100	47.2	48.0	33 900	56.0	49.4	32 100b										22.0
24.0	13.7	38.0	23 600*	32.1	44.0	32 200	39.3	45.9	31 100	49.3	47.9	29 300										24.0
26.0							29.8	43.0	28 500	41.7	45.9	27 100	51.1	47.5	25 600							26.0
28.0										32.8	43.3	24 600	43.8	45.6	23 300							28.0
30.0										21.0	39.4	22 600	35.3	43.2	21 400	45.4	45.0	20 200				30.0
32.0													24.6	39.7	19 700	37.3	42.7	18 500				32.0
34.0																27.2	39.6	17 200	38.7	41.9	16 200	34.0
36.0																			29.1	38.9	15 000	36.0
38.0																			14.7	33.9	14 000	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	38 800*b	65.6	54.8	42 600*b																16.0
18.0	52.8	52.3	36 600*	60.3	53.8	40 100*b	64.5	54.4	40 500b													18.0
20.0	46.7	50.6	34 600*	54.7	52.5	37 800	59.1	53.3	36 500b													20.0
22.0	39.8	48.5	31 300*	48.7	51.0	34 300	53.5	52.0	33 200	60.7	53.0	31 400b										22.0
24.0	31.8	45.7	27 800*	42.1	49.0	31 500	47.4	50.3	30 400	55.2	51.7	28 700										24.0
26.0	21.2	41.7	24 700*	34.6	46.5	28 800*	40.6	48.2	28 100	49.2	50.2	26 500	56.6	51.2	25 000							26.0
28.0				25.1	43.0	25 900*	32.8	45.5	25 800	42.7	48.3	24 400	50.8	49.8	23 100							28.0
30.0							22.6	41.7	23 600	35.2	45.8	22 400	44.5	47.9	21 200							30.0
32.0										26.0	42.4	20 600	37.3	45.6	19 500	45.9	47.3	18 300				32.0
34.0													28.6	42.5	18 000	38.9	45.1	16 900				34.0
36.0													16.3	37.7	16 700	30.7	42.2	15 700				36.0
38.0																19.6	38.0	14 600	40.1	44.2	14 800	38.0
40.0																			21.8	37.6	12 800	40.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	37 300*b																16.0
18.0	57.5	56.0	32 100*	63.9	57.3	35 200*b																18.0
20.0	52.4	54.6	30 500*	59.1	56.2	33 300*	62.9	56.8	34 900b													20.0
22.0	46.9	52.9	28 900*	54.1	54.9	31 500*	58.1	55.6	32 700													22.0
24.0	40.9	50.9	27 500*	48.8	53.3	29 900*	53.0	54.3	29 800	59.5	55.4	28 200										24.0
26.0	34.1	48.3	25 100*	42.9	51.3	28 500*	47.6	52.6	27 500	54.5	54.1	25 900										26.0
28.0	25.7	44.8	22 700*	36.4	48.9	25 900*	41.6	50.6	25 500	49.2	52.5	24 000	55.8	53.6	22 700							28.0
30.0	13.0	39.1	18 700*	28.6	45.8	23 400*	34.9	48.0	23 500	43.4	50.6	22 200	50.6	52.1	21 000							30.0
32.0				18.1	41.1	21 300*	26.7	44.7	21 700	36.9	48.2	20 500	45.0	50.3	19 300							32.0
34.0										29.3	45.1	18 900	38.7	48.0	17 800	46.2	49.6	16 800				34.0
36.0										19.1	40.7	17 600	31.4	45.2	16 600	40.1	47.5	15 500				36.0
38.0													22.2	41.2	15 400	33.1	44.8	14 500	41.2	46.6	13 600	38.0
40.0																24.4	41.1	13 500	34.4	44.0	12 700	40.0
42.0																			26.1	40.6	11 900	42.0
44.0																			13.8	35.0	11 100	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	32 700*																18.0
20.0	56.7	58.4	28 100*	62.5	59.7	30 900*	65.8	60.2	32 300*													20.0
22.0	52.1	56.9	26 600*	58.2	58.5	29 100*	61.6	59.2	30 600*													22.0
24.0	47.2	55.2	25 300*	53.6	57.2	27 600*	57.2	58.0	29 000*													24.0
26.0	41.8	53.2	24 100*	48.8	55.6	26 100*	52.6	56.6	26 900	58.5	57.7	25 400									26.0	
28.0	35.8	50.7	22 700*	43.6	53.6	24 900*	47.7	54.9	24 900	54.0	56.4	23 500									28.0	
30.0	28.7	47.5	20 600*	37.8	51.3	23 300*	42.4	52.9	23 200	49.2	54.8	21 900	55.2	55.9	20 500						30.0	
32.0	19.5	43.1	18 900*	31.2	48.4	21 200*	36.5	50.5	21 500	44.0	52.9	20 200	50.5	54.4	19 000						32.0	
34.0				22.9	44.5	19 400*	29.6	47.4	19 900	38.3	50.6	18 700	45.4	52.6	17 600	51.5	53.6	16 500				34.0
36.0										31.7	47.8	17 400	39.8	50.4	16 300	46.5	51.9	15 300				36.0
38.0										23.6	43.9	16 200	33.5	47.7	15 200	41.1	49.8	14 200				38.0
40.0													26.0	44.2	14 200	35.0	47.3	13 300	42.0	48.9	12 400	40.0
42.0													15.2	38.9	13 300	27.8	44.0	12 400	36.1	46.5	11 600	42.0
44.0																18.1	39.3	11 700	29.1	43.3	10 900	44.0
46.0																			20.0	38.9	10 200	46.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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* <sup>b</sup>																			12.2
14.0	71.3	64.7	32 000* <sup>b</sup>																			14.0
16.0	67.7	63.9	30 300* <sup>a</sup>																			16.0
18.0	63.9	63.0	28 700* <sup>a</sup>																			18.0
20.0	60.1	62.0	27 200* <sup>a</sup>	65.2	63.1	29 600* <sup>a</sup>																20.0
22.0	56.0	60.7	25 700* <sup>a</sup>	61.3	62.0	28 000* <sup>a</sup>	64.4	62.6	29 200* <sup>a</sup>													22.0
24.0	51.8	59.3	24 400* <sup>a</sup>	57.4	60.9	26 500* <sup>a</sup>	60.5	61.5	27 700* <sup>a</sup>													24.0
26.0	47.3	57.5	23 200* <sup>a</sup>	53.2	59.5	25 200* <sup>a</sup>	56.5	60.3	26 300	61.6	61.2	25 200										26.0
28.0	42.5	55.5	22 200* <sup>a</sup>	48.8	57.9	24 000* <sup>a</sup>	52.3	58.9	24 800	57.7	60.1	23 300										28.0
30.0	37.1	53.1	20 900* <sup>a</sup>	44.1	56.0	22 800* <sup>a</sup>	47.8	57.2	23 000	53.5	58.7	21 700										30.0
32.0	31.0	50.2	19 100* <sup>a</sup>	38.9	53.7	21 600* <sup>a</sup>	43.0	55.2	21 600	49.2	57.1	20 300	54.6	58.2	19 000							32.0
34.0	23.6	46.3	17 300* <sup>a</sup>	33.1	50.9	19 700* <sup>a</sup>	37.8	52.9	19 900	44.5	55.2	18 800	50.3	56.7	17 700							34.0
36.0	12.6	40.2	14 000* <sup>a</sup>	26.2	47.4	18 000* <sup>a</sup>	31.8	50.0	18 500	39.4	53.0	17 500	45.7	54.9	16 400							36.0
38.0				16.9	42.4	16 500* <sup>a</sup>	24.5	46.3	17 300	33.6	50.3	16 300	40.7	52.7	15 300	46.7	54.2	14 300				38.0
40.0										26.8	46.8	15 200	35.2	50.2	14 300	41.9	52.2	13 400				40.0
42.0										17.8	42.0	14 300	28.7	47.0	13 400	36.4	49.7	12 500	42.7	51.2	11 700	42.0
44.0													20.5	42.6	12 600	30.2	46.7	11 800	37.4	48.9	10 900	44.0
46.0																22.5	42.6	11 100	31.3	45.9	10 300	46.0
48.0																			23.9	42.1	9 700	48.0
50.0																			13.2	36.2	9 100	50.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 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* <sup>b</sup>																			12.2
14.0	72.9	67.9	29 600* <sup>b</sup>																			14.0
16.0	69.6	67.2	28 000*																			16.0
18.0	66.3	66.4	26 500*																			18.0
20.0	62.8	65.4	25 100*	67.4	66.4	27 200*																20.0
22.0	59.2	64.3	23 800*	63.9	65.5	25 900*	66.6	65.9	26 900*													22.0
24.0	55.5	63.0	22 600*	60.4	64.4	24 600*	63.2	65.0	25 600*													24.0
26.0	51.6	61.6	21 400*	56.7	63.2	23 300*	59.6	63.9	24 300*													26.0
28.0	47.5	59.8	20 200*	52.9	61.8	22 000*	55.9	62.6	23 100*	60.7	63.6	22 800										28.0
30.0	43.1	57.9	19 300*	48.8	60.2	20 900*	52.0	61.2	21 900*	57.0	62.4	21 200										30.0
32.0	38.2	55.5	18 300*	44.5	58.3	19 900*	47.9	59.5	20 800*	53.2	61.0	19 800										32.0
34.0	32.9	52.7	17 400*	39.8	56.1	18 900*	43.6	57.6	19 700	49.1	59.4	18 500	54.2	60.5	17 400							34.0
36.0	26.5	49.2	16 100*	34.7	53.4	17 900*	38.8	55.3	18 400	44.9	57.5	17 300	50.2	59.0	16 200							36.0
38.0	18.3	44.4	14 300*	28.7	50.2	16 600*	33.5	52.5	17 100	40.2	55.3	16 100	46.0	57.2	15 100							38.0
40.0				27.3	49.1	16 000	27.3	49.1	16 000	35.1	52.8	15 000	41.5	55.1	14 100	46.9	56.5	13 200				40.0
42.0				21.3	45.9	15 300*				19.4	44.5	15 000	29.2	49.6	14 100	36.5	52.6	13 200	42.5	54.5	12 300	42.0
44.0										21.9	45.4	13 200	21.9	45.4	13 200	30.8	49.6	12 400	37.6	52.1	11 500	44.0
46.0													24.0	45.8	11 600	24.0	45.8	11 600	32.1	49.2	10 800	46.0
48.0													14.5	40.0	11 000	14.5	40.0	11 000	25.6	45.6	10 200	48.0
50.0																17.0	40.5	9 600	17.0	40.5	9 600	50.0
52.0																			18.7	40.2	8 400	52.0

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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.	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	
13.7	74.7	71.1	25 100* <sup>b</sup>																			13.7
14.0	74.3	71.0	24 900* <sup>b</sup>																			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	21 700*													24.0
26.0	55.0	65.4	18 300*	59.6	66.8	19 800*	62.2	67.4	20 600*													26.0
28.0	51.4	63.9	17 300*	56.1	65.5	18 800*	58.8	66.3	19 600*													28.0
30.0	47.6	62.1	16 500*	52.6	64.1	17 800*	55.4	65.0	18 600*	59.8	66.0	19 800*										30.0
32.0	43.5	60.2	15 700*	48.8	62.5	17 000*	51.8	63.5	17 700*	56.4	64.7	18 900*										32.0
34.0	39.2	57.9	14 900*	44.9	60.6	16 100*	48.0	61.8	16 800*	52.9	63.3	18 000*										34.0
36.0	34.3	55.2	14 300*	40.6	58.4	15 300*	44.0	59.9	16 000*	49.1	61.7	17 100										36.0
38.0	28.8	52.0	13 700*	35.9	55.9	14 600*	39.7	57.6	15 300*	45.2	59.8	15 900	53.8	62.8	16 000							38.0
40.0	22.0	47.8	13 100*	30.7	52.8	14 000*	34.9	55.0	14 600*	41.0	57.7	14 900	50.1	61.3	14 900							40.0
42.0	12.2	41.3	11 300*	24.4	49.0	13 500*	29.4	51.8	14 000*	36.3	55.2	13 900	46.2	59.5	13 900	50.9	60.6	13 000				42.0
44.0				16.0	43.6	13 000*	22.9	47.8	13 400*	31.1	52.2	13 100	42.1	57.4	13 000	47.1	58.8	12 100				44.0
46.0										25.0	48.4	12 300	37.6	55.0	12 200	43.0	56.8	11 400				46.0
48.0										16.8	43.2	11 600	32.5	52.2	11 500	38.6	54.5	10 600	43.7	55.9	9 900	48.0
50.0													26.7	48.7	10 800	33.7	51.8	10 000	39.3	53.6	9 300	50.0
52.0													19.3	43.9	10 200	28.0	48.4	9 500	34.5	51.0	8 700	52.0
54.0																21.1	44.0	8 900	22.4	43.6	7 800	54.0
56.0																			12.8	37.3	7 400	56.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
13.7	75.9	74.3	23 400*																			13.7
14.0	75.4	74.2	23 200*b																			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	18 000*													28.0
30.0	51.2	66.2	15 000*	55.6	67.9	16 300*	58.2	68.6	17 000*													30.0
32.0	47.7	64.5	14 100*	52.3	66.4	15 400*	54.9	67.3	16 100*	59.1	68.3	17 200*										32.0
34.0	43.9	62.5	13 400*	48.8	64.8	14 600*	51.6	65.8	15 300*	55.9	67.1	16 400*										34.0
36.0	39.9	60.3	12 700*	45.2	62.9	13 800*	48.1	64.1	14 500*	52.6	65.6	15 500*										36.0
38.0	35.5	57.7	12 100*	41.3	60.8	13 100*	44.4	62.2	13 700*	49.1	64.0	14 700*	53.5	65.2	14 800							38.0
40.0	30.6	54.6	11 500*	37.0	58.3	12 400*	40.4	60.0	13 000*	45.5	62.1	14 000*	50.0	63.6	13 900							40.0
42.0	24.8	50.8	11 000*	32.3	55.4	11 800*	36.0	57.5	12 400*	41.6	60.0	13 300*	46.4	61.8	13 000	50.8	62.9	12 100				42.0
44.0	17.4	45.6	10 600*	26.8	51.9	11 300*	31.2	54.4	11 800*	37.3	57.6	12 600*	42.6	59.8	12 200	47.2	61.1	11 300				44.0
46.0				20.1	47.3	10 800*	25.5	50.7	11 200*	32.7	54.8	12 000*	38.5	57.4	11 400	43.5	59.1	10 600				46.0
48.0							18.3	45.8	10 800*	27.3	51.3	11 400*	33.9	54.7	10 800	39.4	56.9	10 000	44.1	58.2	9 200	48.0
50.0										20.7	46.8	10 900	28.8	51.4	10 100	35.0	54.2	9 400	40.1	56.0	8 700	50.0
52.0													22.6	47.2	9 600	30.0	51.1	8 900	35.7	53.4	8 200	52.0
54.0													14.0	41.2	9 100	24.0	47.2	8 400	30.8	50.4	7 700	54.0
56.0																16.2	41.7	7 900	25.1	46.6	7 300	56.0
58.0																			17.7	41.5	6 900	58.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY 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	15 000*										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	14 200*										36.0
38.0	40.6	62.6	10 900*	45.4	65.2	11 900*	48.1	66.4	12 500*	52.4	67.9	13 400*										38.0
40.0	36.6	60.1	10 300*	41.8	63.1	11 200*	44.7	64.5	11 800*	49.1	66.3	12 700*	53.2	67.5	13 500*							40.0
42.0	32.1	57.2	9 700*	37.9	60.7	10 600*	41.0	62.3	11 100*	45.7	64.5	12 000*	50.0	65.9	12 800*							42.0
44.0	27.0	53.7	9 200*	33.6	57.9	10 000*	37.0	59.9	10 500*	42.1	62.4	11 400*	46.6	64.1	12 100	50.7	65.2	11 200				44.0
46.0	20.8	49.2	8 800*	28.8	54.6	9 500*	32.6	57.0	9 900*	38.2	60.0	10 800*	43.1	62.1	11 400	47.4	63.4	10 600				46.0
48.0	12.0	42.4	8 300*	23.0	50.5	9 000*	27.6	53.6	9 400*	34.0	57.3	10 200*	39.2	59.8	10 700	43.8	61.5	9 900				48.0
50.0				15.4	44.8	8 600*	21.6	49.2	9 000*	29.2	54.0	9 600*	35.1	57.2	10 100	40.1	59.2	9 300	44.4	60.5	8 600	50.0
52.0										23.5	50.0	9 200*	30.5	54.0	9 500	36.0	56.7	8 800	40.7	58.4	8 100	52.0
54.0										16.1	44.4	8 800*	25.1	50.3	9 000	31.5	53.7	8 300	36.7	55.9	7 700	54.0
56.0													18.3	45.2	8 500	26.3	50.1	7 900	32.3	52.9	7 200	56.0
58.0																20.0	45.4	7 500	27.3	49.5	6 800	58.0
60.0																			21.1	45.0	6 500	60.0
62.0																			12.5	38.4	6 100	62.0



# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	13 300*										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	12 800*										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	12 100*										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	11 300*	55.8	71.2	12 000*							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	10 600*	52.9	69.8	11 400*							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	10 000*	49.9	68.2	10 800*							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	9 400*	46.8	66.4	10 200*	50.6	67.5	10 300				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	8 900*	43.4	64.4	9 600*	47.5	65.7	9 700				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	8 300*	39.9	62.2	9 000*	44.2	63.8	9 100				50.0
52.0				19.1	48.6	6 900*	24.1	52.3	7 200*	30.7	56.6	7 800*	36.1	59.6	8 500*	40.7	61.6	8 600	44.7	62.8	7 900	52.0
54.0							17.5	47.0	6 800*	25.8	52.9	7 400*	31.9	56.6	8 000*	37.0	59.1	8 100	41.3	60.7	7 400	54.0
56.0										19.7	48.1	6 900*	27.1	53.1	7 500*	32.8	56.2	7 600	37.6	58.3	7 000	56.0
58.0													21.4	48.7	7 100*	28.2	52.9	7 200	33.6	55.5	6 600	58.0
60.0													13.6	42.3	6 700*	22.8	48.7	6 900	29.0	52.2	6 200	60.0
62.0																15.6	42.9	6 500	23.7	48.1	5 900	62.0
64.0																			17.0	42.8	5 600	64.0

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

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

JIB OPER. RAD. DEG. 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. DEG. 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	11 300*										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	11 000*										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	10 300*										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	9 600*	55.4	73.5	10 200*							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	9 000*	52.7	72.1	9 700*							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	8 400*	49.9	70.5	9 100*							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	7 900*	46.9	68.7	8 600*	50.5	69.8	9 200*				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	8 000*	47.5	68.0	8 600*				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	7 500*	44.5	66.1	8 100*				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	7 000*	41.2	63.9	7 600*	45.0	65.1	7 300	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	6 600*	37.7	61.5	7 100*	41.8	63.0	6 800	56.0
58.0										22.3	51.4	5 500*	28.8	55.8	6 100*	34.0	58.7	6 600*	38.3	60.7	6 500	58.0
60.0										15.5	45.6	5 000*	23.8	51.8	5 600*	29.8	55.5	6 200*	34.6	58.0	6 100	60.0
62.0													17.5	46.5	5 100*	25.0	51.7	5 700*	30.5	54.8	5 800	62.0
64.0													7.2	37.4	4 700*	19.1	46.7	5 200*	25.8	51.1	5 400	64.0
66.0																			20.2	46.4	5 200	66.0
68.0																			12.2	39.5	4 900	68.0

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	44 000*b																			14.0
16.0	53.7	53.1	41 800*b																			16.0
18.0	46.7	51.5	39 700*	56.7	53.5	41 700b																18.0
20.0	38.8	49.3	35 700*	50.0	52.0	37 600b																20.0
22.0	29.2	46.4	31 200*	42.6	50.1	34 300	49.1	51.5	32 900b	58.5	52.9	31 000b										22.0
24.0	14.9	41.4	24 500*	33.9	47.6	31 500	41.5	49.5	30 200	52.0	51.5	28 300										24.0
26.0				22.5	43.8	29 000	32.6	46.8	27 900	44.8	49.7	26 100	54.6	51.1	24 400b							26.0
28.0							20.5	42.8	25 700	36.6	47.4	24 100	47.7	49.5	22 600							28.0
30.0										26.2	44.1	22 200	39.9	47.4	20 800							30.0
32.0										7.9	37.6	20 400	30.6	44.6	19 100	42.7	47.0	17 900				32.0
34.0																34.0	44.5	16 500	44.9	46.2	15 400	34.0
36.0																22.7	40.8	15 300	26.4	43.9	14 300	36.0
38.0																				40.6	13 300	38.0

### 33.5m (110 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	65.0	58.0	39 700*b																			13.7
14.0	64.2	57.9	39 400*b																			14.0
16.0	58.8	56.8	37 300*b																			16.0
18.0	53.2	55.5	35 200*	61.3	57.0	38 900*b																18.0
20.0	47.0	53.8	33 400*	55.8	55.8	36 600	60.6	56.6	35 400b													20.0
22.0	40.2	51.7	31 400*	49.9	54.3	33 500	55.0	55.3	32 200													22.0
24.0	32.3	49.0	28 000*	43.4	52.4	30 700	49.1	53.8	29 500	57.4	55.2	27 700										24.0
26.0	21.9	45.0	25 000*	36.1	50.0	28 400	42.5	51.8	27 300	51.6	53.8	25 500										26.0
28.0				27.1	46.8	26 300	35.0	49.3	25 300	45.4	52.0	23 600	53.9	53.4	22 100							28.0
30.0				13.5	41.4	22 100*	25.7	45.9	23 400	38.3	49.8	21 900	47.8	51.8	20 500							30.0
32.0							10.5	39.8	21 500	29.9	46.8	20 200	41.1	49.8	18 900							32.0
34.0										18.4	42.4	18 700	33.4	47.1	17 500	43.5	49.3	16 300	36.2	46.9	15 100	34.0
36.0													23.5	43.4	16 200	27.2	43.7	14 100				36.0
38.0																			38.4	46.3	13 100	38.0
40.0																			30.0	43.3	12 200	40.0
42.0																			18.5	38.9	11 400	42.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 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	35 400*b																18.0
20.0	52.7	57.8	30 500*	60.0	59.4	33 600*	64.1	60.0	34 800b													20.0
22.0	47.3	56.1	29 000*	55.1	58.1	31 800*	59.4	59.0	31 600													22.0
24.0	41.3	54.0	27 600*	49.8	56.6	30 000	54.4	57.7	29 000													24.0
26.0	34.5	51.5	25 200*	44.1	54.7	27 800	49.1	56.1	26 800	56.5	57.5	25 000										26.0
28.0	26.2	48.0	22 800*	37.7	52.4	25 900	43.3	54.2	24 800	51.3	56.1	23 200										28.0
30.0	14.0	42.6	19 100*	30.2	49.5	23 900	36.8	51.8	23 100	45.8	54.3	21 600	53.4	55.7	20 100							30.0
32.0				20.4	45.2	21 700*	29.1	48.7	21 400	39.6	52.2	20 000	48.0	54.1	18 700							32.0
34.0							18.7	44.2	19 800	32.5	49.4	18 500	42.1	52.1	17 300	49.9	53.5	16 100				34.0
36.0										23.6	45.7	17 200	35.4	49.6	16 100	44.1	51.7	14 900				36.0
38.0										8.4	38.7	16 100	27.4	46.3	15 000	37.8	49.4	13 900				38.0
40.0																30.3	46.4	13 000	39.7	48.7	12 000	40.0
42.0																20.6	42.2	12 100	32.6	45.9	11 200	42.0
44.0																23.7	42.2	10 500	23.7	42.2	10 500	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*	67.4	63.8	33 000*b																18.0
20.0	57.0	61.5	28 200*	63.3	62.9	31 100*	66.9	63.4	32 700*b													20.0
22.0	52.3	60.1	26 600*	59.0	61.8	29 400*																22.0
24.0	47.4	58.4	25 300*	54.5	60.5	27 800*	58.4	61.3	28 600													24.0
26.0	42.1	56.4	24 100*	49.7	58.9	26 400*	53.9	60.0	26 300	60.2	61.1	24 600										26.0
28.0	36.1	53.9	22 800*	44.6	57.0	25 100*	49.0	58.4	24 400	55.8	59.9	22 800										28.0
30.0	29.1	50.8	20 900*	38.9	54.8	23 800*	43.9	56.5	22 800	51.1	58.4	21 200										30.0
32.0	20.1	46.4	19 100*	32.5	52.0	21 700*	38.1	54.2	21 300	46.1	56.6	19 800	53.0	58.1	18 500							32.0
34.0				24.6	48.4	19 900*	31.5	51.3	19 800	40.6	54.5	18 500	48.1	56.4	17 200							34.0
36.0				12.9	42.5	17 400*	23.4	47.5	18 400	34.4	51.9	17 200	42.8	54.4	16 000	49.8	55.8	14 900				36.0
38.0							10.4	40.9	17 100	27.1	48.5	16 000	36.9	52.0	14 900	44.6	54.0	13 800				38.0
40.0										17.1	43.6	15 000	30.1	49.0	13 900	39.0	51.7	12 900	46.1	53.1	11 900	40.0
42.0													21.5	44.9	13 000	32.6	49.0	12 000	40.7	51.0	11 100	42.0
44.0																24.7	45.3	11 300	34.5	48.4	10 400	44.0
46.0																			27.2	45.1	9 800	46.0
48.0																			17.2	40.2	9 200	48.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 33.5m (110 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
13.7	72.1	67.8	32 000*																			13.7
14.0	71.5	67.7	31 800*b																			14.0
16.0	67.9	67.0	30 100*b																			16.0
18.0	64.1	66.1	28 600*																			18.0
20.0	60.3	65.1	27 200*	65.9	66.3	29 700*																20.0
22.0	56.3	63.8	25 800*	62.1	65.3	28 200*	65.4	65.8	29 500*													22.0
24.0	52.0	62.4	24 400*	58.1	64.1	26 800*	61.5	64.8	28 000													24.0
26.0	47.6	60.7	23 300*	54.0	62.8	25 400*	57.6	63.7	26 000													26.0
28.0	42.7	58.7	22 200*	49.6	61.2	24 200*	53.4	62.3	24 100	59.3	63.5	22 500										28.0
30.0	37.4	56.3	21 000*	45.0	59.4	23 100*	49.0	60.7	22 400	55.2	62.2	20 900										30.0
32.0	31.4	53.4	19 200*	39.9	57.2	21 900	44.3	58.8	21 000	50.9	60.7	19 500										32.0
34.0	24.0	49.6	17 600*	34.3	54.5	20 100*	39.2	56.6	19 700	46.4	58.9	18 300	52.6	60.4	17 000							34.0
36.0	13.4	43.7	14 900*	27.6	51.2	18 400*	33.4	53.8	18 300	41.4	56.9	17 100	48.2	58.7	15 900							36.0
38.0				19.0	46.5	16 900*	26.6	50.4	17 100	36.0	54.4	16 000	43.4	56.8	14 800	49.7	58.1	13 700				38.0
40.0							17.5	45.4	16 000	29.7	51.3	14 900	38.2	54.4	13 800	45.1	56.3	12 800				40.0
42.0										21.8	47.1	14 000	32.2	51.6	13 000	40.0	54.1	12 000				42.0
44.0										8.8	39.8	13 100	25.1	47.9	12 200	34.3	51.5	11 300	41.5	53.4	10 400	44.0
46.0																27.7	48.1	10 600	36.0	50.9	9 700	46.0
48.0																19.1	43.5	10 000	29.7	47.8	9 100	48.0
50.0																			21.9	43.6	8 600	50.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	22 700*	64.1	68.3	23 700*													24.0
26.0	51.8	64.7	19 700*	57.4	66.5	21 500*	60.6	67.2	22 500*													26.0
28.0	47.7	63.0	18 700*	53.6	65.1	20 400*	56.9	66.0	21 400*													28.0
30.0	43.3	61.0	17 800*	49.6	63.5	19 400*	53.1	64.6	20 300*	58.5	65.8	20 400										30.0
32.0	38.5	58.7	17 100*	45.3	61.7	18 500*	49.0	63.0	19 400*	54.7	64.5	19 100										32.0
34.0	33.2	55.9	16 300*	40.7	59.5	17 600*	44.7	61.1	18 400*	50.8	63.0	17 900	56.2	64.1	16 600							34.0
36.0	26.9	52.5	15 700*	35.7	57.0	16 800*	40.1	58.9	17 600*	46.6	61.2	16 800	52.3	62.7	15 600							36.0
38.0	18.8	47.7	14 900*	29.9	53.9	16 200*	35.0	56.3	16 800*	42.1	59.2	15 700	48.2	61.0	14 600							38.0
40.0				22.8	49.8	15 500*	29.0	53.1	15 800	37.2	56.8	14 700	43.9	59.1	13 600	49.6	60.4	12 600				40.0
42.0				12.5	43.6	13 600*	21.7	48.9	14 800	31.7	53.9	13 800	39.2	56.8	12 700	45.4	58.6	11 800				42.0
44.0							10.4	41.9	13 800				25.0	50.2	12 900	33.9	54.1	12 000				44.0
46.0													16.1	44.8	12 200	27.8	50.8	11 200	42.1	55.7	9 500	46.0
48.0																20.0	46.3	10 600	37.2	53.3	8 900	48.0
50.0																			31.7	50.4	8 400	50.0
52.0																			30.0	50.8	9 700	
54.0																			22.9	46.8	9 200	
																						25.1
																						16.2
																						41.4
																						7 500
																						54.0

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 33.5m (110 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.	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	
13.7	74.9	74.2	24 800* <sup>b</sup>																			13.7
14.0	74.5	74.1	24 700* <sup>b</sup>																			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*	69.8	72.8	23 200*																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*	66.2	71.6	21 900*													24.0
26.0	55.2	68.5	18 300*	60.2	70.0	20 000*	63.0	70.7	20 900*													26.0
28.0	51.6	67.0	17 400*	56.8	68.8	19 000*	59.7	69.6	19 900*													28.0
30.0	47.8	65.3	16 500*	53.2	67.4	18 000*	56.3	68.3	18 900*	61.1	69.4	20 000										30.0
32.0	43.8	63.3	15 700*	49.5	65.8	17 100*	52.8	66.9	18 000*	57.8	68.2	18 700										32.0
34.0	39.4	61.1	15 000*	45.6	64.0	16 300*	49.0	65.3	17 100*	54.3	66.8	17 500										34.0
36.0	34.6	58.4	14 300*	41.4	61.9	15 500*	45.1	63.4	16 300*	50.6	65.3	16 400	55.6	66.4	15 200							36.0
38.0	29.1	55.2	13 700*	36.8	59.4	14 800*	40.8	61.3	15 500*	46.8	63.5	15 500	52.1	65.0	14 300							38.0
40.0	22.5	51.1	13 200*	31.7	56.5	14 200*	36.2	58.8	14 800*	42.7	61.5	14 600	48.3	63.3	13 500							40.0
42.0	12.9	44.8	11 800*	25.7	52.8	13 600*	31.0	55.7	14 200*	38.2	59.2	13 600	44.3	61.4	12 600	49.6	62.7	11 600				42.0
44.0				17.9	47.8	13 100*	24.8	52.0	13 600*	33.3	56.4	12 800	40.0	59.2	11 800	45.7	60.9	10 900				44.0
46.0							16.6	46.7	13 000	27.5	53.0	12 000	35.2	56.6	11 100	41.5	58.8	10 200	46.8	60.0	9 300	46.0
48.0										20.4	48.5	11 300	29.9	53.5	10 400	36.9	56.3	9 600	42.7	58.0	8 700	48.0
50.0										9.0	40.9	10 700	23.4	49.5	9 800	31.8	53.4	9 000	38.2	55.7	8 200	50.0
52.0																25.8	49.8	8 500	33.3	52.9	7 700	52.0
54.0																18.0	44.8	8 100	27.6	49.5	7 300	54.0
56.0																			20.5	45.0	6 900	56.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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.	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	
13.7	76.0	77.3	23 100*																			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	19 100*													26.0
28.0	54.8	70.8	15 900*	59.4	72.4	17 400*	62.1	73.1	18 200*													28.0
30.0	51.4	69.3	15 000*	56.2	71.1	16 400*	59.0	71.9	17 300*													30.0
32.0	47.9	67.6	14 200*	53.0	69.7	15 600*	55.8	70.7	16 400*	60.3	71.7	17 500*										32.0
34.0	44.1	65.7	13 500*	49.5	68.1	14 800*	52.5	69.2	15 500*	57.2	70.5	16 700*										34.0
36.0	40.1	63.5	12 800*	45.9	66.3	14 000*	49.0	67.6	14 700*	53.9	69.2	15 900*										36.0
38.0	35.8	60.9	12 100*	42.0	64.2	13 300*	45.4	65.7	14 000*	50.5	67.6	15 100*	55.2	68.8	14 100							38.0
40.0	30.9	57.8	11 500*	37.8	61.8	12 600*	41.5	63.6	13 200*	46.9	65.8	14 300*	51.8	67.3	13 300							40.0
42.0	25.2	54.1	11 000*	33.2	59.0	12 000*	37.2	61.2	12 500*	43.1	63.8	13 500	48.3	65.6	12 500							42.0
44.0	17.8	49.0	10 600*	27.9	55.6	11 400*	32.5	58.3	11 900*	39.1	61.6	12 700	44.6	63.7	11 800	49.6	65.0	10 800				44.0
46.0				21.5	51.3	10 900*	27.1	54.8	11 400*	34.6	58.9	12 000	40.7	61.5	11 100	45.9	63.2	10 100				46.0
48.0				12.2	44.7	10 300*	20.5	50.3	10 900*	29.5	55.7	11 300	36.4	59.0	10 400	42.1	61.1	9 500				48.0
50.0							10.3	43.0	10 600*	23.5	51.7	10 700	31.6	56.1	9 800	37.9	58.8	9 000	43.2	60.4	8 100	50.0
52.0										15.4	46.0	10 100	26.0	52.4	9 200	33.3	56.0	8 400	39.1	58.1	7 700	52.0
54.0													18.9	47.6	8 700	28.0	52.6	8 000	34.6	55.4	7 200	54.0
56.0																21.6	48.2	7 500	29.6	52.2	6 800	56.0
58.0																			23.5	48.2	6 400	58.0
60.0																			15.5	42.6	6 100	60.0



# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	15 900*													30.0
32.0	51.2	71.6	13 000*	55.8	73.5	14 300*	58.4	74.3	15 000*													32.0
34.0	48.0	69.9	12 300*	52.7	72.0	13 500*	55.4	73.0	14 200*	59.6	74.1	15 300*										34.0
36.0	44.5	68.0	11 600*	49.5	70.4	12 700*	52.3	71.5	13 400*	56.6	72.9	14 500*										36.0
38.0	40.8	65.8	11 000*	46.1	68.6	12 000*	49.0	69.9	12 700*	53.6	71.5	13 700*										38.0
40.0	36.8	63.3	10 400*	42.5	66.5	11 400*	45.6	68.0	12 000*	50.4	69.9	13 000*	54.8	71.1	13 100							40.0
42.0	32.4	60.4	9 800*	38.6	64.2	10 700*	42.0	65.9	11 300*	47.1	68.1	12 300*	51.7	69.6	12 300							42.0
44.0	27.3	56.9	9 300*	34.4	61.5	10 200*	38.1	63.6	10 700*	43.6	66.2	11 600*	48.4	67.9	11 700							44.0
46.0	21.2	52.5	8 800*	29.7	58.3	9 600*	33.8	60.8	10 100*	39.8	63.9	11 000*	44.9	66.0	11 000	49.5	67.3	10 100				46.0
48.0	12.6	45.9	8 500*	24.2	54.4	9 200*	29.0	57.5	9 600*	35.7	61.3	10 400*	41.3	63.9	10 300	46.1	65.5	9 400				48.0
50.0				17.1	49.1	8 700*	23.3	53.5	9 100*	31.1	58.3	9 900*	37.3	61.4	9 700	42.5	63.5	8 900				50.0
52.0							15.9	47.9	8 700*	25.9	54.6	9 400*	33.0	58.6	9 200	38.7	61.1	8 400	43.6	62.7	7 600	52.0
54.0										19.4	49.8	8 900*	28.0	55.2	8 700	34.5	58.4	7 900	39.8	60.4	7 200	54.0
56.0										9.2	42.0	8 600*	22.1	50.9	8 200	29.8	55.3	7 500	35.7	57.8	6 700	56.0
58.0																24.3	51.3	7 100	31.2	54.8	6 400	58.0
60.0																17.2	46.0	6 700	25.9	51.1	6 000	60.0
62.0																			19.4	46.4	5 700	62.0
64.0																			9.3	38.5	5 400	64.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	13 100*										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	13 000*										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	12 300*										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	11 600*	57.3	74.8	11 900*							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	10 900*	54.4	73.4	11 800*							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	10 300*	51.5	71.9	11 100*							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	9 700*	48.4	70.2	10 500*	52.5	71.2	9 800				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	9 100*	45.2	68.3	9 900*	49.5	69.6	9 200				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	8 600*	41.8	66.2	9 300*	46.3	67.8	8 600				50.0
52.0				20.4	52.7	6 900*	25.6	56.4	7 300*	32.5	60.9	8 000*	38.1	63.8	8 800*	43.0	65.8	8 200	47.2	67.0	7 300	52.0
54.0				12.0	45.8	6 600*	19.5	51.6	6 900*	27.8	57.4	7 600*	34.1	61.1	8 300*	39.4	63.5	7 700	43.9	65.0	6 900	54.0
56.0							10.3	44.1	6 600*	22.3	53.1	7 200*	29.7	57.9	7 700*	35.5	60.9	7 200	40.4	62.8	6 500	56.0
58.0										14.9	47.2	6 800*	24.5	54.0	7 300*	31.3	57.9	6 800	36.7	60.3	6 100	58.0
60.0													18.1	48.9	6 900*	26.4	54.2	6 500	32.5	57.4	5 800	60.0
62.0																20.5	49.6	6 100	27.9	53.9	5 500	62.0
64.0																12.1	42.8	5 800	22.3	49.7	5 200	64.0
66.0																			14.9	43.7	4 900	66.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB 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	75.0	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	11 100*										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	11 000*										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	10 500*										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	9 900*	56.8	77.1	10 000*							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	9 300*	54.1	75.7	10 000*							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	8 700*	51.3	74.2	9 400*							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	8 100*	48.5	72.5	8 900*							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	7 600*	45.4	70.6	8 300*	49.5	71.9	8 500				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	7 100*	42.2	68.6	7 800*	46.5	70.1	8 000				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	6 600*	38.8	66.2	7 300*	43.3	68.1	7 500				54.0
56.0				16.4	50.3	5 000*	22.2	54.9	5 500*	29.4	60.1	6 200*	35.2	63.6	6 800*	40.0	65.9	7 100	44.2	67.3	6 300	56.0
58.0							15.3	49.0	5 000*	24.5	56.2	5 700*	31.1	60.5	6 400*	36.4	63.3	6 700	41.0	65.1	6 000	58.0
60.0										18.5	51.1	5 200*	26.5	56.9	5 900*	32.5	60.4	6 300	37.5	62.7	5 600	60.0
62.0										9.3	43.0	4 800*	21.0	52.3	5 400*	28.2	57.0	6 000	33.7	59.9	5 300	62.0
64.0													13.6	45.9	4 900*	23.0	52.8	5 600	29.5	56.6	5 000	64.0
66.0																16.5	47.3	5 100*	24.6	52.7	4 700	66.0
68.0																			18.6	47.7	4 500	68.0
70.0																			9.4	39.6	4 200	70.0

# MANITOWOC ENGINEERING CO.

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## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

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

JIB OPER. RAD. DEG. 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. DEG. 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	44 000*b																			14.0
16.0	54.1	56.3	41 800*b																			16.0
18.0	47.1	54.6	39 700*	57.9	56.8	40 600b																18.0
20.0	39.3	52.5	35 900*	51.3	55.3	36 600b	57.5	56.4	35 100b													20.0
22.0	29.8	49.6	31 600*	44.0	53.5	33 400	50.9	54.9	32 000b	61.0	56.3	29 800b										22.0
24.0	16.0	44.9	25 300*	35.6	51.1	30 700	43.6	53.1	29 300	54.6	55.0	27 300b										24.0
26.0				25.0	47.7	28 400	35.1	50.6	27 100	47.7	53.4	25 200										26.0
28.0							24.3	47.1	25 200	40.0	51.3	23 300	51.4	53.3	21 600b							28.0
30.0										30.7	48.5	21 700	44.1	51.4	20 100							30.0
32.0										17.5	44.0	20 000	35.7	49.1	18 600	47.6	51.1	17 200				32.0
34.0													25.1	45.6	17 200	39.8	49.0	15 900				34.0
36.0																30.4	46.1	14 700	43.0	48.4	13 600	36.0
38.0																17.1	41.6	13 700	34.5	45.9	12 600	38.0
40.0																			23.3	42.2	11 800	40.0

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

JIB OPER. RAD. DEG. 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. DEG. 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	37 300*b																			16.0
18.0	53.5	58.6	35 200*	62.3	60.3	39 200*b																18.0
20.0	47.4	56.9	33 400*	56.8	59.1	35 800b	62.0	59.9	34 400b													20.0
22.0	40.6	54.9	31 500*	51.0	57.6	32 600	56.5	58.7	31 300b													22.0
24.0	32.7	52.2	28 200*	44.7	55.8	30 000	50.7	57.2	28 700	59.6	58.6	26 700b										24.0
26.0	22.6	48.4	25 200*	37.5	53.5	27 700	44.3	55.4	26 500	54.0	57.3	24 600										26.0
28.0				28.9	50.5	25 800	37.1	53.1	24 600	47.9	55.7	22 800										28.0
30.0				16.8	45.7	23 300	28.4	50.0	23 000	41.2	53.7	21 200	51.1	55.6	19 600							30.0
32.0							15.9	45.0	21 200	33.4	51.0	19 800	44.7	53.8	18 300							32.0
34.0										23.6	47.4	18 300	37.6	51.5	17 000	47.7	53.4	15 600				34.0
36.0													29.0	48.4	15 700	41.0	51.3	14 500	47.7	53.4	15 600	36.0
38.0													17.0	43.7	14 600	33.2	48.7	13 500	33.2	48.7	13 500	38.0
40.0																23.3	45.0	12 600	23.3	45.0	12 600	40.0
42.0																						42.0
44.0																			14.6	39.9	10 100	44.0

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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* <sup>b</sup>																			13.7
14.0	67.5	64.3	35 900* <sup>b</sup>																			14.0
16.0	62.9	63.4	34 000* <sup>b</sup>																			16.0
18.0	58.1	62.3	32 100*	65.6	63.7	35 700* <sup>b</sup>																18.0
20.0	53.0	60.9	30 500*	60.9	62.7	33 800*	65.3	63.3	33 700 <sup>b</sup>													20.0
22.0	47.6	59.2	29 000*	56.0	61.4	31 900	60.6	62.3	30 700 <sup>b</sup>													22.0
24.0	41.6	57.2	27 700*	50.8	59.9	29 400	55.7	61.0	28 200													24.0
26.0	34.8	54.7	25 300*	45.2	58.1	27 200	50.5	59.5	26 000	58.5	61.0	24 100										26.0
28.0	26.7	51.3	22 900*	38.9	55.9	25 200	44.8	57.7	24 100	53.4	59.6	22 300										28.0
30.0	14.9	46.0	19 500*	31.7	53.1	23 600	38.6	55.5	22 400	48.0	58.0	20 700										30.0
32.0				22.5	49.2	22 000	31.3	52.6	21 000	42.1	56.0	19 400	50.8	57.9	17 900							32.0
34.0							21.9	48.6	19 600	35.4	53.5	18 200	45.2	56.1	16 700							34.0
36.0										27.4	50.3	16 900	39.0	53.9	15 600	47.9	55.7	14 300				36.0
38.0										16.2	45.3	15 700	31.8	51.0	14 500	42.0	53.7	13 300				38.0
40.0													22.6	47.1	13 500	35.3	51.2	12 400	44.4	53.0	11 300	40.0
42.0																27.2	47.9	11 600	38.1	50.7	10 600	42.0
44.0																15.8	42.8	10 900	30.7	47.8	9 900	44.0
46.0																			21.1	43.7	9 300	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* <sup>b</sup>																			13.7
14.0	69.8	67.6	33 600* <sup>b</sup>																			14.0
16.0	65.8	66.8	31 600* <sup>b</sup>																			16.0
18.0	61.6	65.8	29 900*	68.2	67.0	33 200* <sup>b</sup>																18.0
20.0	57.2	64.6	28 200*	64.0	66.1	31 400*																20.0
22.0	52.6	63.2	26 700*	59.8	65.0	29 700*	63.8	65.7	30 300													22.0
24.0	47.7	61.5	25 400*	55.3	63.7	28 100*	59.5	64.6	27 700													24.0
26.0	42.4	59.5	24 200*	50.6	62.2	26 700	55.1	63.4	25 600	61.9	64.5	23 700										26.0
28.0	36.5	57.1	22 900*	45.6	60.4	24 800	50.3	61.8	23 700	57.6	63.3	22 000										28.0
30.0	29.6	54.0	21 000*	40.0	58.3	23 200	45.3	60.0	22 100	53.0	62.0	20 400										30.0
32.0	20.7	49.8	19 200*	33.8	55.6	21 700	39.7	57.8	20 700	48.1	60.3	19 100										32.0
34.0				26.2	52.2	20 300*	33.4	55.1	19 400	42.8	58.3	17 900	50.7	60.2	16 500							34.0
36.0				15.7	46.9	18 400*	25.8	51.6	18 100	37.0	55.9	16 800	45.6	58.4	15 500							36.0
38.0							14.9	46.2	16 900	30.2	52.9	15 700	40.1	56.2	14 400	48.0	58.0	13 200				38.0
40.0										21.6	48.8	14 600	33.8	53.6	13 400	42.7	56.0	12 300				40.0
42.0													26.3	50.1	12 600	36.8	53.6	11 500	44.9	55.3	10 500	42.0
44.0													15.8	44.9	11 800	30.0	50.6	10 800	39.3	53.1	9 800	44.0
46.0																21.3	46.4	10 100	32.9	50.3	9 200	46.0
48.0																			25.1	46.7	8 600	48.0
50.0																			13.8	41.1	8 100	50.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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* <sup>b</sup>																			13.7
14.0	71.7	70.8	31 600* <sup>b</sup>																			14.0
16.0	68.1	70.1	30 000* <sup>b</sup>																			16.0
18.0	64.3	69.2	28 600*																			18.0
20.0	60.5	68.2	27 200*	66.6	69.4	29 800*																20.0
22.0	56.5	66.9	25 800*	62.8	68.5	28 400*	66.4	69.1	29 500													22.0
24.0	52.3	65.5	24 400*	58.9	67.4	27 000*	62.6	68.1	27 400													24.0
26.0	47.8	63.8	23 300*	54.8	66.1	25 600*	58.6	67.0	25 200													26.0
28.0	43.0	61.9	22 200*	50.5	64.5	24 300	54.5	65.7	23 400	60.8	66.9	21 700										28.0
30.0	37.7	59.5	21 100*	45.9	62.8	22 900	50.2	64.1	21 800	56.8	65.7	20 100										30.0
32.0	31.7	56.6	19 400*	40.9	60.6	21 400	45.6	62.3	20 400	52.6	64.3	18 800										32.0
34.0	24.5	52.9	17 800*	35.4	58.1	20 100	40.6	60.2	19 100	48.2	62.6	17 600	54.8	64.0	16 300							34.0
36.0	14.1	47.2	15 300*	29.0	54.9	18 800	35.0	57.6	18 000	43.4	60.7	16 600	50.5	62.5	15 200							36.0
38.0				20.8	50.6	17 200*	28.6	54.4	16 800	38.2	58.3	15 600	45.9	60.7	14 300							38.0
40.0							20.3	50.0	15 800	32.3	55.5	14 500	41.0	58.6	13 400	48.1	60.3	12 300				40.0
42.0										25.2	51.9	13 600	35.4	56.0	12 500	43.3	58.3	11 500				42.0
44.0										15.3	46.4	12 800	29.0	52.9	11 800	38.1	56.0	10 700				44.0
46.0													20.9	48.6	11 100	32.1	53.1	10 100	40.2	55.5	9 200	46.0
48.0																25.0	49.5	9 500	34.6	52.8	8 600	48.0
50.0																14.9	44.0	9 000	28.0	49.6	8 100	50.0
52.0																			19.6	45.0	7 600	52.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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.	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	
13.7	73.8	74.1	26 200*b																			13.7
14.0	73.3	74.0	26 100*b																			14.0
16.0	70.0	73.4	25 400*b																			16.0
18.0	66.6	72.6	24 400*																			18.0
20.0	63.2	71.6	23 100*	68.6	72.7	25 300*																20.0
22.0	59.6	70.5	21 900*	65.2	71.9	24 100*																22.0
24.0	55.9	69.3	20 800*	61.7	70.9	22 900*	65.0	71.5	24 000*													24.0
26.0	52.0	67.8	19 700*	58.1	69.7	21 700*	61.5	70.5	22 800*													26.0
28.0	47.9	66.1	18 800*	54.3	68.4	20 600*	57.9	69.3	21 700*													28.0
30.0	43.5	64.2	17 900*	50.4	66.8	19 600*	54.1	68.0	20 600*	59.9	69.3	19 700										30.0
32.0	38.8	61.9	17 100*	46.2	65.1	18 600*	50.1	66.4	19 600*	56.2	68.0	18 400										32.0
34.0	33.5	59.2	16 300*	41.6	63.0	17 800*	45.9	64.6	18 700	52.3	66.6	17 200										34.0
36.0	27.3	55.7	15 700*	36.7	60.5	17 000*	41.4	62.5	17 600	48.3	64.9	16 200	54.3	66.3	14 800							36.0
38.0	19.3	51.1	15 000*	31.0	57.5	16 300*	36.4	60.1	16 600	43.9	63.0	15 200	50.4	64.8	13 900							38.0
40.0				24.3	53.7	15 700*	30.7	57.0	15 600	39.2	60.7	14 300	46.2	63.0	13 100	52.2	64.2	12 000				40.0
42.0				15.0	48.1	14 500*	23.9	53.2	14 600	33.9	58.0	13 400	41.7	60.9	12 300	48.2	62.6	11 200				42.0
44.0							14.3	47.4	13 700	27.8	54.7	12 600	36.7	58.5	11 500	43.8	60.6	10 500				44.0
46.0										20.1	50.2	11 900	31.1	55.5	10 800	39.1	58.4	9 800	45.6	59.9	8 900	46.0
48.0													24.4	51.7	10 200	33.8	55.7	9 300	36.0	55.3	8 400	48.0
50.0													15.0	46.1	9 600	27.7	52.3	8 700	41.0	57.8	8 400	50.0
52.0																19.9	47.8	8 300	30.3	52.2	7 400	52.0
54.0																			23.3	48.3	7 000	54.0
56.0																			13.3	42.2	6 600	56.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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* <sup>b</sup>																			13.7
14.0	74.6	77.2	24 400* <sup>b</sup>																			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	21 200*																24.0
26.0	55.4	71.6	18 300*	60.8	73.3	20 100*	63.9	73.9	21 100*													26.0
28.0	51.8	70.1	17 400*	57.4	72.1	19 100*	60.6	72.9	20 100*													28.0
30.0	48.0	68.4	16 600*	53.9	70.7	18 200*	57.2	71.7	19 100*													30.0
32.0	44.0	66.5	15 800*	50.2	69.1	17 300*	53.7	70.3	18 200*	59.1	71.6	18 000										32.0
34.0	39.6	64.3	15 000*	46.4	67.4	16 500*	50.0	68.7	17 300*	55.7	70.3	16 800										34.0
36.0	34.9	61.6	14 400*	42.2	65.3	15 700*	46.2	66.9	16 500*	52.1	68.9	15 800										36.0
38.0	29.4	58.5	13 800*	37.7	62.9	15 000*	42.0	64.9	15 700*	48.3	67.2	14 900	53.9	68.6	13 600							38.0
40.0	22.9	54.4	13 200*	32.7	60.1	14 300*	37.5	62.5	15 000*	44.3	65.3	14 000	50.3	67.1	12 800							40.0
42.0	13.6	48.3	12 100*	26.9	56.6	13 700*	32.4	59.6	14 300*	40.0	63.1	13 300	46.4	65.3	12 100							42.0
44.0				19.6	51.9	13 200*	26.5	56.1	13 600	35.3	60.5	12 500	42.3	63.2	11 400	48.2	64.9	10 300				44.0
46.0							19.1	51.3	12 800	29.9	57.4	11 700	37.8	60.9	10 700	44.2	63.0	9 700				46.0
48.0										23.5	53.4	11 000	32.8	58.0	10 100	39.9	60.7	9 100	45.9	62.2	8 200	48.0
50.0										14.6	47.6	10 400	26.9	54.6	9 500	35.2	58.1	8 600	41.7	60.1	7 700	50.0
52.0													19.6	49.9	8 900	29.8	55.0	8 100	37.1	57.7	7 200	52.0
54.0																23.3	51.0	7 600	32.0	54.8	6 800	54.0
56.0																14.3	45.1	7 200	26.1	51.2	6 400	56.0
58.0																			18.4	46.3	6 100	58.0



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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY 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	19 300*													26.0
28.0	54.9	73.9	15 900*	60.0	75.6	17 500*	62.9	76.3	18 400*													28.0
30.0	51.6	72.4	15 100*	56.8	74.4	16 600*	59.8	75.3	17 500*													30.0
32.0	48.1	70.7	14 300*	53.6	73.0	15 700*	56.7	74.0	16 600*													32.0
34.0	44.3	68.8	13 500*	50.2	71.4	14 900*	53.4	72.6	15 800*	58.4	74.0	16 600										34.0
36.0	40.4	66.6	12 800*	46.6	69.7	14 100*	50.0	71.0	14 900*	55.2	72.7	15 600										36.0
38.0	36.0	64.1	12 200*	42.7	67.6	13 400*	46.4	69.2	14 200*	51.9	71.2	14 700										38.0
40.0	31.2	61.1	11 600*	38.6	65.3	12 800*	42.5	67.2	13 400*	48.4	69.5	13 900	53.6	70.9	12 600							40.0
42.0	25.5	57.4	11 100*	34.1	62.6	12 100*	38.4	64.9	12 800*	44.7	67.6	13 100	50.2	69.4	11 900							42.0
44.0	18.3	52.4	10 600*	29.0	59.3	11 500*	33.8	62.1	12 100*	40.7	65.4	12 400	46.6	67.6	11 300							44.0
46.0				22.8	55.2	11 000*	28.6	58.8	11 600*	36.4	62.9	11 700	42.8	65.6	10 700	48.3	67.2	9 700				46.0
48.0				14.4	49.3	10 600*	22.4	54.6	11 100*	31.6	60.0	11 000	38.7	63.3	10 000	44.6	65.3	9 000				48.0
50.0							13.7	48.5	10 700*	26.0	56.3	10 400	34.1	60.5	9 400	40.6	63.1	8 500				50.0
52.0										19.0	51.5	9 800	29.0	57.3	8 900	36.3	60.6	8 000	42.2	62.5	7 200	52.0
54.0													22.9	53.2	8 400	31.5	57.6	7 600	38.1	60.1	6 800	54.0
56.0													14.5	47.2	8 000	25.9	53.9	7 200	33.5	57.3	6 300	56.0
58.0																18.8	49.1	6 700	28.2	54.0	6 000	58.0
60.0																			21.9	49.7	5 700	60.0
62.0																			12.9	43.3	5 300	62.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	16 700*													28.0
30.0	54.6	76.2	13 800*	59.3	78.0	15 200*	62.0	78.7	16 100*													30.0
32.0	51.4	74.7	13 000*	56.3	76.7	14 400*	59.1	77.6	15 200*													32.0
34.0	48.1	73.0	12 300*	53.3	75.3	13 600*	56.2	76.3	14 400*	60.7	77.5	15 200*										34.0
36.0	44.7	71.1	11 600*	50.1	73.7	12 900*	53.1	74.9	13 600*	57.8	76.3	14 800*										36.0
38.0	41.0	69.0	11 000*	46.7	72.0	12 200*	49.9	73.3	12 900*	54.8	75.0	14 000*										38.0
40.0	37.0	66.5	10 400*	43.2	70.0	11 500*	46.5	71.5	12 200*	51.7	73.5	13 300*	56.4	74.7	12 400							40.0
42.0	32.6	63.6	9 800*	39.4	67.7	10 900*	43.0	69.5	11 500*	48.4	71.8	12 600*	53.3	73.3	11 700							42.0
44.0	27.6	60.2	9 300*	35.2	65.1	10 300*	39.2	67.2	10 900*	45.0	69.9	11 900*	50.1	71.7	11 100							44.0
46.0	21.6	55.8	8 900*	30.6	62.0	9 800*	35.0	64.6	10 300*	41.3	67.8	11 300*	46.8	69.9	10 500	51.6	71.2	9 500				46.0
48.0	13.2	49.4	8 500*	25.3	58.2	9 200*	30.4	61.5	9 800*	37.3	65.3	10 700*	43.2	67.9	9 900	48.3	69.5	9 000				48.0
50.0				18.6	53.2	8 800*	25.0	57.7	9 300*	33.0	62.5	10 100*	39.4	65.6	9 400	44.9	67.6	8 400				50.0
52.0							18.1	52.6	8 800*	28.1	59.1	9 600*	35.3	63.0	8 800	41.2	65.4	7 900	46.3	66.8	7 100	52.0
54.0										22.1	54.8	9 100*	30.7	59.9	8 300	37.2	63.0	7 500	42.7	64.8	6 700	54.0
56.0										14.1	48.7	8 700*	25.3	56.2	7 900	32.9	60.1	7 100	38.9	62.5	6 300	56.0
58.0													18.6	51.2	7 500	27.9	56.7	6 700	34.7	59.8	5 900	58.0
60.0																22.0	52.4	6 300	30.0	56.7	5 600	60.0
62.0																13.8	46.2	6 000	24.5	52.8	5 300	62.0
64.0																			17.5	47.6	5 000	64.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	13 800*													32.0
34.0	51.3	77.0	11 000*	55.9	79.1	12 200*	58.5	80.0	13 000*													34.0
36.0	48.2	75.3	10 300*	53.0	77.6	11 500*	55.7	78.7	12 300*	60.1	79.9	12 900*										36.0
38.0	45.0	73.4	9 700*	50.0	76.0	10 800*	52.9	77.2	11 500*	57.3	78.7	12 600*										38.0
40.0	41.5	71.3	9 100*	46.9	74.3	10 200*	49.8	75.6	10 800*	54.5	77.3	11 900*										40.0
42.0	37.8	68.9	8 600*	43.6	72.3	9 600*	46.7	73.8	10 200*	51.5	75.8	11 200*	55.9	77.0	11 400							42.0
44.0	33.8	66.1	8 000*	40.0	70.1	9 000*	43.4	71.9	9 600*	48.4	74.1	10 600*	53.0	75.6	10 800							44.0
46.0	29.3	62.9	7 500*	36.2	67.5	8 400*	39.8	69.6	9 000*	45.2	72.2	9 900*	50.0	74.0	10 200							46.0
48.0	24.1	58.9	7 100*	32.0	64.6	7 900*	36.0	67.0	8 500*	41.8	70.1	9 300*	46.9	72.2	9 600	51.4	73.5	8 600				48.0
50.0	17.5	53.6	6 800*	27.3	61.0	7 500*	31.8	64.1	8 000*	38.2	67.7	8 800*	43.6	70.2	9 100	48.4	71.8	8 200				50.0
52.0				21.6	56.6	7 000*	27.0	60.5	7 500*	34.2	65.0	8 200*	40.1	68.0	8 600	45.1	69.9	7 700				52.0
54.0				13.9	50.4	6 700*	21.3	56.0	7 100*	29.7	61.8	7 800*	36.3	65.4	8 100	41.7	67.8	7 200	46.5	69.1	6 400	54.0
56.0							13.4	49.6	6 700*	24.6	57.9	7 300*	32.1	62.5	7 700	38.1	65.4	6 800	43.1	67.1	6 000	56.0
58.0										18.1	52.8	6 900*	27.3	59.0	7 300	34.1	62.6	6 500	39.6	64.9	5 700	58.0
60.0													21.7	54.6	6 900	29.6	59.4	6 100	35.7	62.3	5 300	60.0
62.0													14.0	48.4	6 500	24.4	55.5	5 800	31.5	59.3	5 100	62.0
64.0																17.9	50.3	5 400	26.6	55.7	4 800	64.0
66.0																			20.8	51.1	4 500	66.0
68.0																			12.6	44.4	4 200	68.0

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	10 800*										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	10 700*										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	10 200*										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	9 500*										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	8 900*	55.5	79.3	9 800*							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	8 400*	52.8	77.9	9 800*							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	7 800*	50.0	76.3	9 200*							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	7 300*	47.0	74.5	8 600*	51.3	75.8	7 900				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	6 800*	43.9	72.5	8 100*	48.4	74.1	7 500				54.0
56.0				17.8	54.5	5 100*	23.7	59.2	5 600*	31.1	64.4	6 400*	40.6	70.3	7 600*	45.4	72.2	7 100				56.0
58.0							17.4	53.8	5 100*	26.6	60.8	5 900*	37.1	67.9	7 100*	42.2	70.1	6 700				58.0
60.0										21.1	56.3	5 400*	33.3	65.0	6 600*	38.8	67.8	6 300	43.5	69.5	5 500	60.0
62.0										13.7	49.9	4 900*	29.0	61.7	6 200*	35.1	65.1	5 900	40.2	67.2	5 200	62.0
64.0													24.0	57.7	5 700*	31.0	62.0	5 600	36.6	64.7	4 900	64.0
66.0													17.8	52.5	5 200*	26.4	58.4	5 300	32.7	61.8	4 600	66.0
68.0																20.9	53.8	5 000	28.4	58.4	4 300	68.0
70.0																13.4	47.4	4 700	16.8	48.8	3 900	70.0

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888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	44 500*b																			13.7
14.0	60.8	60.7	44 100*b																			14.0
16.0	54.4	59.4	41 700*b																			16.0
18.0	47.5	57.8	39 700*	59.1	60.0	39 500b																18.0
20.0	39.7	55.7	36 200*	52.6	58.6	35 700b	59.2	59.7	34 100b													20.0
22.0	30.4	52.8	31 800*	45.5	56.9	32 500	52.7	58.3	31 100b													22.0
24.0	17.0	48.3	25 900*	37.3	54.6	29 900	45.6	56.6	28 500	57.2	58.5	26 300b										24.0
26.0				27.3	51.5	27 800	37.5	54.4	26 300	43.2	55.2	22 500	54.9	56.9	20 700b							26.0
28.0							27.5	51.2	24 500	34.6	52.7	21 000	48.0	55.3	19 200							28.0
30.0										28.6	49.1	19 600	40.3	53.3	18 000							30.0
32.0													31.0	50.5	16 700	44.9	53.1	15 300				32.0
34.0													18.1	46.1	15 500	36.7	50.8	14 200				34.0
36.0																26.4	47.6	13 200	41.1	50.5	12 000	36.0
38.0																			32.1	47.8	11 100	38.0
40.0																			19.8	43.7	10 400	40.0
42.0																						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	37 300*b																			16.0
18.0	53.8	61.7	35 300*	63.3	63.5	38 600b																18.0
20.0	47.7	60.1	33 500*	57.9	62.4	34 900b	63.4	63.2	33 400b													20.0
22.0	41.0	58.0	31 600*	52.1	61.0	31 800	58.0	62.0	30 400b													22.0
24.0	33.2	55.4	28 400*	45.9	59.2	29 200	52.3	60.6	27 900													24.0
26.0	23.2	51.7	25 400*	38.9	57.0	27 000	46.1	58.9	25 700	56.2	60.8	23 700										26.0
28.0				30.7	54.2	25 200	39.1	56.7	23 900	50.4	59.3	21 900										28.0
30.0				19.6	49.9	23 600	30.9	53.9	22 300	43.9	57.5	20 400	54.2	59.2	18 700							30.0
32.0							20.0	49.7	21 000	36.7	55.1	19 100	48.1	57.6	17 500							32.0
34.0										27.9	51.9	17 900	41.4	55.6	16 300							34.0
36.0										15.0	46.8	16 600	33.7	53.0	15 200	45.4	55.5	13 900				36.0
38.0													24.0	49.4	14 200	38.4	53.2	12 900				38.0
40.0																30.0	50.3	12 000	42.2	52.8	10 900	40.0
42.0																18.6	45.9	11 200	34.6	50.3	10 200	42.0
44.0																			25.2	46.8	9 500	44.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	32 100*	66.4	66.8	35 800*b																18.0
20.0	53.3	64.0	30 500*	61.8	65.9	34 000b	66.5	66.5	32 700b													20.0
22.0	47.9	62.4	29 100*	56.9	64.7	31 300	61.9	65.6	29 800b													22.0
24.0	41.9	60.4	27 800*	51.8	63.3	28 700	57.1	64.4	27 300													24.0
26.0	35.2	57.9	25 500*	46.3	61.5	26 500	51.9	63.0	25 200	60.4	64.4	23 200										26.0
28.0	27.2	54.6	23 100*	40.2	59.4	24 600	46.4	61.2	23 400	55.4	63.1	21 500										28.0
30.0	15.7	49.5	19 900*	33.2	56.7	23 000	40.3	59.1	21 800	50.2	61.6	20 000										30.0
32.0				24.5	53.1	21 600	33.3	56.4	20 400	44.5	59.8	18 700	53.6	61.5	17 100							32.0
34.0							24.7	52.8	19 200	38.2	57.5	17 500	48.2	59.9	16 000							34.0
36.0										30.8	54.6	16 500	42.3	57.9	15 000							36.0
38.0										21.3	50.5	15 300	35.7	55.5	14 000	45.8	57.8	12 700				38.0
40.0													27.7	52.2	13 100	39.7	55.6	11 900				40.0
42.0													16.7	47.3	12 200	32.6	52.9	11 100	43.0	55.1	10 000	42.0
44.0																23.8	49.1	10 400	36.4	52.7	9 300	44.0
46.0																			28.7	49.6	8 800	46.0
48.0																			18.1	45.0	8 200	48.0

### 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*																			18.0
20.0	57.4	67.7	28 200*	64.8	69.3	31 500*																20.0
22.0	52.8	66.3	26 700*	60.6	68.3	29 900*	64.9	69.0	29 400b													22.0
24.0	48.0	64.7	25 400*	56.2	67.0	28 200	60.7	67.9	26 900													24.0
26.0	42.7	62.7	24 200*	51.5	65.6	26 100	56.3	66.7	24 900													26.0
28.0	36.8	60.3	23 000*	46.5	63.8	24 300	51.6	65.3	23 000	59.3	66.8	21 200										28.0
30.0	30.0	57.3	21 100*	41.1	61.7	22 600	46.7	63.5	21 500	54.8	65.5	19 700										30.0
32.0	21.2	53.1	19 300*	35.0	59.2	21 200	41.2	61.5	20 100	50.1	63.9	18 400										32.0
34.0				27.8	55.9	19 900	35.2	58.9	18 900	45.0	62.1	17 200	53.2	63.8	15 700							34.0
36.0				18.1	51.2	18 800	28.0	55.7	17 800	39.4	59.9	16 200	48.3	62.2	14 700							36.0
38.0							18.4	51.0	16 700	33.0	57.2	15 300	43.0	60.3	13 900							38.0
40.0										25.3	53.6	14 300	37.2	57.9	13 000	46.2	60.1	11 800				40.0
42.0										14.1	48.0	13 400	30.4	54.9	12 200	40.7	58.0	11 000				42.0
44.0													21.9	50.8	11 400	34.5	55.4	10 300	43.6	57.5	9 300	44.0
46.0																27.2	52.0	9 700	37.8	55.1	8 700	46.0
48.0																17.3	47.1	9 100	31.2	52.2	8 100	48.0
50.0																			22.9	48.3	7 600	50.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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.	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	
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	29 900*																20.0
22.0	56.7	70.1	25 800*	63.5	71.7	28 500*																22.0
24.0	52.5	68.6	24 500*	59.6	70.6	27 200*	63.6	71.4	26 600													24.0
26.0	48.1	67.0	23 300*	55.5	69.4	25 800	59.7	70.3	24 500													26.0
28.0	43.3	65.0	22 300*	51.3	67.9	23 900	55.6	69.0	22 700													28.0
30.0	38.0	62.7	21 200*	46.8	66.1	22 300	51.4	67.6	21 200	58.4	69.1	19 400										30.0
32.0	32.1	59.8	19 500*	41.9	64.1	20 900	46.9	65.8	19 800	54.3	67.8	18 100										32.0
34.0	24.9	56.2	17 900*	36.5	61.6	19 600	42.0	63.8	18 600	50.0	66.2	17 000	57.0	67.6	15 500							34.0
36.0	14.9	50.6	15 700*	30.2	58.6	18 500	36.6	61.3	17 500	45.4	64.4	16 000	52.8	66.2	14 500							36.0
38.0				22.5	54.6	17 500	30.4	58.3	16 600	40.3	62.3	15 100	48.4	64.5	13 600							38.0
40.0							22.7	54.3	15 500	34.7	59.7	14 200	43.6	62.6	12 900	51.0	64.1	11 700				40.0
42.0										28.2	56.4	13 300	38.4	60.3	12 100	46.4	62.4	10 900				42.0
44.0										19.7	51.9	12 500	32.5	57.5	11 400	41.5	60.3	10 300				44.0
46.0													25.4	53.9	10 700	36.0	57.8	9 600	44.1	59.8	8 600	46.0
48.0													15.7	48.5	10 100	29.8	54.7	9 000	39.0	57.5	8 100	48.0
50.0																21.9	50.6	8 500	33.2	54.8	7 600	50.0
52.0																			26.3	51.3	7 200	52.0
54.0																			17.0	46.2	6 800	54.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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.	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	
13.7	74.0	77.2	25 900*																			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	25 300*																20.0
22.0	59.8	73.6	21 900*	65.8	75.1	24 200*																22.0
24.0	56.1	72.4	20 800*	62.4	74.1	23 000*	65.9	74.8	24 200*													24.0
26.0	52.2	70.9	19 800*	58.8	73.0	21 900*	62.4	73.8	23 100*													26.0
28.0	48.1	69.3	18 800*	55.0	71.7	20 800*	58.9	72.7	22 000*													28.0
30.0	43.8	67.3	17 900*	51.1	70.2	19 800*	55.1	71.4	20 700													30.0
32.0	39.0	65.1	17 100*	47.0	68.4	18 800*	51.2	69.9	19 300	57.7	71.5	17 700										32.0
34.0	33.8	62.4	16 400*	42.5	66.4	17 900*	47.1	68.1	18 100	53.9	70.1	16 600										34.0
36.0	27.6	59.0	15 800*	37.6	64.0	17 200*	42.6	66.1	17 100	49.9	68.5	15 500										36.0
38.0	19.8	54.4	15 100*	32.2	61.2	16 400*	37.8	63.8	16 100	45.7	66.7	14 600	52.5	68.5	13 200							38.0
40.0				25.7	57.5	15 800*	32.3	60.9	15 300	41.1	64.6	13 800	48.4	66.8	12 500							40.0
42.0				17.1	52.4	14 900*	25.8	57.3	14 400	36.1	62.1	13 100	44.1	64.9	11 800	50.8	66.4	10 600				42.0
44.0							17.3	52.2	13 500	30.4	59.0	12 300	39.4	62.7	11 100	46.6	64.7	10 000				44.0
46.0										23.4	55.1	11 600	34.1	60.0	10 500	42.2	62.6	9 400				46.0
48.0										13.5	49.1	10 900	28.1	56.7	9 800	37.3	60.2	8 800	44.5	62.1	7 800	48.0
50.0													20.4	52.2	9 300	31.7	57.3	8 300	39.9	59.9	7 300	50.0
52.0																25.1	53.6	7 800	34.7	57.3	6 900	52.0
54.0																16.3	48.3	7 400	28.7	54.0	6 500	54.0
56.0																			21.3	49.7	6 100	56.0



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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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.	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	
13.7	75.2	80.3	24 200* <sup>b</sup>																			13.7
14.0	74.8	80.3	24 100* <sup>b</sup>																			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	22 400*																22.0
24.0	59.0	76.0	19 300*	64.6	77.5	21 300*																24.0
26.0	55.6	74.7	18 400*	61.4	76.5	20 300*	64.7	77.2	21 300*													26.0
28.0	52.0	73.2	17 400*	58.1	75.3	19 300*	61.5	76.2	20 300*													28.0
30.0	48.2	71.6	16 600*	54.6	74.0	18 300*	58.1	75.0	19 400*													30.0
32.0	44.2	69.7	15 800*	50.9	72.5	17 500*	54.7	73.7	18 500*	60.4	75.0	17 300										32.0
34.0	39.9	67.4	15 100*	47.1	70.7	16 600*	51.0	72.2	17 600*	57.0	73.8	16 200										34.0
36.0	35.1	64.8	14 400*	43.0	68.7	15 800*	47.2	70.4	16 700	53.5	72.4	15 200										36.0
38.0	29.7	61.7	13 800*	38.6	66.4	15 100*	43.1	68.4	15 700	49.8	70.8	14 300										38.0
40.0	23.2	57.7	13 300*	33.7	63.7	14 400*	38.7	66.1	14 900	45.9	69.0	13 500										40.0
42.0	14.2	51.8	12 300*	28.1	60.3	13 800*	33.8	63.4	14 100	41.8	66.9	12 700	52.2	70.8	12 200							42.0
44.0				21.1	56.0	13 300*	28.2	60.1	13 400	37.2	64.5	12 100	48.5	69.1	11 500							44.0
46.0							21.3	55.7	12 600	32.1	61.6	11 400	44.5	67.2	10 800							46.0
48.0										26.2	58.0	10 700	40.2	65.0	10 300	46.8	67.0	9 200				48.0
50.0										18.6	53.2	10 200	35.4	62.4	9 700	42.7	65.0	8 600				50.0
52.0													30.1	59.3	9 100	38.3	62.6	8 100	44.9	64.4	7 100	52.0
54.0													23.7	55.4	8 600	33.3	59.8	7 600	40.6	62.2	6 700	54.0
56.0													15.0	49.7	8 100	27.6	56.5	7 200	36.0	59.7	6 300	56.0
58.0																20.5	52.0	6 800	30.7	56.7	6 000	58.0
60.0																			24.5	52.8	5 600	60.0
																			16.1	47.4	5 300	

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	18 600*	66.6	80.5	19 200*													26.0
28.0	55.1	77.0	15 900*	60.6	78.9	17 700*	63.7	79.6	18 600*													28.0
30.0	51.8	75.6	15 100*	57.4	77.7	16 800*	60.6	78.6	17 700*													30.0
32.0	48.3	73.9	14 300*	54.2	76.3	15 900*	57.5	77.4	16 800*													32.0
34.0	44.6	72.0	13 500*	50.8	74.8	15 100*	54.3	76.0	16 000*	59.7	77.4	16 000										34.0
36.0	40.6	69.8	12 900*	47.2	73.0	14 300*	50.9	74.5	15 200*	56.5	76.1	15 000										36.0
38.0	36.3	67.3	12 300*	43.5	71.1	13 600*	47.3	72.7	14 400*	53.2	74.7	14 100										38.0
40.0	31.4	64.3	11 600*	39.4	68.8	12 900*	43.6	70.8	13 700*	49.8	73.1	13 300	55.3	74.6	12 000							40.0
42.0	25.8	60.6	11 100*	35.0	66.2	12 300*	39.5	68.5	13 000*	46.2	71.3	12 600	52.0	73.1	11 300							42.0
44.0	18.7	55.8	10 700*	30.0	63.0	11 700*	35.1	65.9	12 300*	42.3	69.3	11 900	48.5	71.4	10 700							44.0
46.0				24.1	59.1	11 100*	30.1	62.8	11 800*	38.1	66.9	11 300	44.8	69.5	10 100	50.6	71.0	9 000				46.0
48.0				16.3	53.6	10 700*	24.2	58.9	11 200*	33.6	64.1	10 700	40.8	67.4	9 600	47.0	69.3	8 500				48.0
50.0							16.5	53.5	10 800*	28.3	60.8	10 100	36.6	64.9	9 100	43.2	67.3	8 100				50.0
52.0										22.0	56.6	9 600	31.8	61.9	8 600	39.1	65.0	7 600	45.2	66.7	6 700	52.0
54.0										13.1	50.2	9 000	26.2	58.3	8 100	34.6	62.3	7 200	41.3	64.6	6 300	54.0
56.0													19.3	53.5	7 600	29.6	59.1	6 700	37.0	62.1	5 900	56.0
58.0																23.6	55.2	6 400	32.3	59.2	5 600	58.0
60.0																15.6	49.5	6 000	26.9	55.7	5 200	60.0
62.0																			20.1	51.1	4 900	62.0
64.0																			9.6	43.6	4 700	64.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	16 500*													28.0
30.0	54.7	79.4	13 800*	59.8	81.2	15 400*	62.8	82.0	16 200*													30.0
32.0	51.6	77.9	13 000*	56.9	80.0	14 600*	59.9	80.9	15 400*													32.0
34.0	48.3	76.2	12 300*	53.9	78.6	13 800*	57.0	79.7	14 600*	61.9	80.9	14 800*										34.0
36.0	44.9	74.3	11 700*	50.7	77.1	13 000*	53.9	78.3	13 800*	59.0	79.7	14 600										36.0
38.0	41.2	72.1	11 000*	47.4	75.3	12 300*	50.8	76.8	13 100*	56.0	78.5	13 900										38.0
40.0	37.2	69.7	10 500*	43.9	73.4	11 600*	47.4	75.0	12 400*	52.9	77.0	13 100										40.0
42.0	32.9	66.8	9 900*	40.1	71.2	11 000*	43.9	73.1	11 700*	49.7	75.4	12 400	54.9	76.9	11 100							42.0
44.0	27.9	63.4	9 400*	36.0	68.6	10 400*	40.2	70.9	11 100*	46.4	73.6	11 700	51.8	75.4	10 500							44.0
46.0	21.9	59.1	8 900*	31.5	65.6	9 900*	36.1	68.3	10 500*	42.8	71.6	11 100	48.5	73.7	9 900							46.0
48.0	13.8	52.9	8 600*	26.4	62.0	9 400*	31.7	65.4	10 000*	38.9	69.3	10 600	45.1	71.8	9 400	50.5	73.3	8 400				48.0
50.0				20.0	57.3	8 900*	26.5	61.8	9 400*	34.8	66.6	10 100	41.4	69.7	9 000	47.1	71.6	7 900				50.0
52.0							20.2	57.1	9 000*	30.1	63.5	9 500	37.5	67.3	8 500	43.6	69.6	7 500				52.0
54.0										24.6	59.6	9 000	33.1	64.5	8 000	39.8	67.4	7 100	45.5	69.0	6 200	54.0
56.0										17.7	54.4	8 500	28.2	61.1	7 600	35.7	64.8	6 700	41.8	66.9	5 800	56.0
58.0													22.4	56.9	7 100	31.2	61.8	6 300	37.9	64.5	5 500	58.0
60.0													14.4	50.8	6 800	26.0	58.1	5 900	33.6	61.7	5 100	60.0
62.0																19.5	53.3	5 600	28.8	58.4	4 900	62.0
64.0																9.4	45.5	5 300	23.0	54.3	4 600	64.0
66.0																			15.4	48.6	4 300	66.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	13 700*													32.0
34.0	51.4	80.2	11 000*	56.4	82.3	12 400*	59.3	83.3	13 200*													34.0
36.0	48.4	78.5	10 400*	53.6	80.9	11 700*	56.5	82.0	12 400*	61.1	83.3	12 600*										36.0
38.0	45.1	76.6	9 700*	50.6	79.4	11 000*	53.6	80.6	11 700*	58.4	82.1	12 500*										38.0
40.0	41.7	74.5	9 100*	47.5	77.6	10 300*	50.7	79.1	11 000*	55.6	80.8	12 200*										40.0
42.0	38.0	72.1	8 600*	44.2	75.7	9 700*	47.5	77.3	10 400*	52.7	79.3	11 500*										42.0
44.0	34.0	69.3	8 100*	40.7	73.5	9 100*	44.3	75.4	9 800*	49.7	77.7	10 900*										44.0
46.0	29.6	66.1	7 600*	37.0	71.0	8 600*	40.8	73.2	9 200*	46.5	75.9	10 200*	54.6	79.2	10 200							46.0
48.0	24.4	62.2	7 200*	32.9	68.2	8 000*	37.1	70.7	8 600*	43.2	73.9	9 600*	48.6	76.0	9 100							48.0
50.0	17.9	57.0	6 800*	28.2	64.8	7 600*	33.0	67.9	8 100*	39.6	71.7	9 100*	45.3	74.1	8 600	50.4	75.6	7 600				50.0
52.0				22.8	60.6	7 100*	28.3	64.5	7 600*	35.8	69.1	8 500*	41.9	72.0	8 200	47.2	73.9	7 200				52.0
54.0				15.6	54.8	6 800*	22.9	60.3	7 200*	31.6	66.1	8 000*	38.3	69.7	7 800	44.0	71.9	6 800				54.0
56.0							15.8	54.7	6 800*	26.7	62.5	7 500*	34.3	67.0	7 400	40.5	69.7	6 500	45.7	71.3	5 600	56.0
58.0										20.9	58.0	7 100*	29.9	63.8	7 000	36.7	67.2	6 100	42.3	69.3	5 200	58.0
60.0										12.8	51.4	6 800*	24.8	59.9	6 600	32.5	64.3	5 700	38.7	66.9	4 900	60.0
62.0													18.4	54.8	6 200	27.9	60.9	5 400	34.7	64.2	4 600	62.0
64.0													8.1	46.3	5 900	22.3	56.6	5 100	30.4	61.1	4 300	64.0
66.0																15.0	50.7	4 800	25.4	57.3	4 100	66.0
68.0																			19.1	52.4	3 800	68.0
70.0																			9.7	44.7	3 600	70.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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			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	75.2	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	11 300*													36.0
38.0	48.4	80.8	8 800*	53.3	83.2	10 000*	56.1	84.4	10 700*	60.4	85.6	10 700*										38.0
40.0	45.4	78.9	8 200*	50.5	81.7	9 300*	53.4	82.9	10 000*	57.9	84.4	10 500*										40.0
42.0	42.2	76.8	7 700*	47.6	79.9	8 700*	50.6	81.4	9 400*	55.2	83.1	10 400*										42.0
44.0	38.8	74.5	7 200*	44.5	78.0	8 100*	47.6	79.6	8 800*	52.5	81.7	9 800*										44.0
46.0	35.1	71.8	6 700*	41.2	75.9	7 600*	44.6	77.7	8 200*	49.6	80.0	9 200*	54.2	81.5	9 300							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	8 600*	51.5	80.0	8 800							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	8 100*	48.6	78.3	8 300							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	7 500*	45.6	76.5	7 900	50.3	77.9	6 900				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	7 000*	42.4	74.4	7 500	47.3	76.2	6 500				54.0
56.0				19.1	58.7	5 300*	25.1	63.3	5 800*	32.8	68.6	6 600*	39.0	72.1	7 100	44.3	74.2	6 200				56.0
58.0							19.2	58.4	5 300*	28.5	65.2	6 100*	35.3	69.4	6 800	41.0	72.1	5 900	45.9	73.6	5 000	58.0
60.0										23.4	61.1	5 600*	31.3	66.4	6 400	37.5	69.6	5 600	42.7	71.6	4 700	60.0
62.0										17.0	55.7	5 100*	26.7	62.8	6 000*	33.7	66.8	5 200	39.3	69.3	4 400	62.0
64.0										5.7	45.7	4 700*	21.3	58.3	5 400*	29.5	63.6	4 900	35.7	66.7	4 200	64.0
66.0													14.0	52.0	5 000*	24.6	59.7	4 700	31.7	63.7	3 900	66.0
68.0																18.6	54.6	4 400	27.2	60.1	3 700	68.0
70.0																9.5	46.6	4 200	21.9	55.8	3 500	70.0
72.0																			14.9	49.8	3 300	72.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

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

JIB OPER. RAD. DEG. 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. DEG. 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	44 400*b																			13.7
14.0	61.1	63.8	44 100*b																			14.0
16.0	54.8	62.5	41 700*b																			16.0
18.0	47.9	60.9	39 700*																			18.0
20.0	40.2	58.8	36 500*	53.8	62.0	34 700b	60.9	63.0	33 000b													20.0
22.0	30.9	56.0	31 900*	46.8	60.3	31 700	54.5	61.7	30 100b													22.0
24.0	17.9	51.6	25 300*	38.9	58.1	29 200	47.6	60.1	27 600													24.0
26.0				29.4	55.2	27 000	39.8	58.0	25 500	53.2	60.6	23 300b										26.0
28.0							30.5	55.2	23 700	46.2	58.9	21 600										28.0
30.0							17.1	50.6	22 300	38.2	56.7	20 100	51.7	59.1	18 300							30.0
32.0										28.4	53.6	18 900	44.4	57.3	17 100							32.0
34.0													36.1	54.9	16 000	49.6	57.1	14 500				34.0
36.0													25.6	51.6	15 000	42.1	55.2	13 500				36.0
38.0																33.4	52.6	12 600				38.0
40.0																21.7	48.7	11 700	39.1	52.5	10 500	40.0
42.0																			29.6	49.6	9 800	42.0
44.0																			15.6	44.8	9 200	44.0

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

JIB OPER. RAD. DEG. 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. DEG. 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	39 400*b																			14.0
16.0	59.7	66.1	37 300*b																			16.0
18.0	54.1	64.8	35 300*	64.2	66.7	37 600b																18.0
20.0	48.0	63.2	33 500*	58.9	65.6	34 000b	64.8	66.4	32 300b													20.0
22.0	41.4	61.2	31 700*	53.2	64.3	31 000	59.5	65.4	29 400b													22.0
24.0	33.6	58.6	28 600*	47.1	62.6	28 500	53.8	64.0	27 000													24.0
26.0	23.9	54.9	25 300*	40.3	60.5	26 300	47.8	62.4	24 900	58.4	64.3	22 800b										26.0
28.0				32.4	57.8	24 500	41.0	60.4	23 100	52.7	62.9	21 100										28.0
30.0				22.1	53.9	23 000	33.3	57.7	21 600	46.6	61.2	19 600										30.0
32.0							23.3	54.0	20 300	39.7	59.1	18 300	51.3	61.4	16 600							32.0
34.0										31.6	56.3	17 200	45.0	59.6	15 500							34.0
36.0										21.0	52.2	16 200	37.9	57.3	14 600	49.5	59.4	13 100				36.0
38.0													29.4	54.3	13 700	43.0	57.5	12 300				38.0
40.0																35.6	55.0	11 500				40.0
42.0																26.5	51.7	10 700	40.5	54.9	9 500	42.0
44.0																12.3	46.1	10 000	32.6	52.2	8 900	44.0
46.0																			22.4	48.4	8 400	46.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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* <sup>b</sup>																			13.7
14.0	67.9	70.5	35 700* <sup>b</sup>																			14.0
16.0	63.4	69.6	33 800* <sup>b</sup>																			16.0
18.0	58.6	68.5	32 000*	67.3	70.0	36 000* <sup>b</sup>																18.0
20.0	53.5	67.1	30 400*	62.7	69.1	33 400 <sup>b</sup>																20.0
22.0	48.2	65.5	29 000*	57.9	68.0	30 400	63.1	68.8	28 900 <sup>b</sup>													22.0
24.0	42.3	63.5	27 800*	52.8	66.6	27 900	58.4	67.7	26 500													24.0
26.0	35.6	61.1	25 600*	47.3	64.9	25 800	53.3	66.4	24 400	62.3	67.8	22 300 <sup>b</sup>										26.0
28.0	27.6	57.8	23 200*	41.3	62.9	24 000	47.9	64.7	22 700	57.4	66.6	20 600										28.0
30.0	16.5	52.9	19 600*	34.5	60.3	22 400	42.0	62.7	21 100	52.3	65.2	19 200										30.0
32.0				26.3	56.9	21 000	35.3	60.2	19 800	46.8	63.5	17 900										32.0
34.0							27.2	56.9	18 600	40.8	61.4	16 800	51.1	63.7	15 100							34.0
36.0							15.8	51.9	17 600	33.9	58.8	15 800	45.5	61.9	14 200							36.0
38.0										25.5	55.3	15 000	39.3	59.7	13 400							38.0
40.0													32.1	56.9	12 600	43.7	59.8	11 200				40.0
42.0													23.1	53.1	11 800	37.3	57.5	10 500				42.0
44.0																29.7	54.4	9 900	41.5	57.2	8 700	44.0
46.0																19.7	50.1	9 300	34.7	54.7	8 200	46.0
48.0																			26.5	51.3	7 700	48.0
50.0																			14.6	46.0	7 200	50.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	28 200*	65.6	72.5	31 700*b																20.0
22.0	53.1	69.5	26 700*	61.4	71.5	29 900	66.0	72.2	28 500b													22.0
24.0	48.2	67.8	25 400*	57.0	70.3	27 600	61.8	71.2	26 100													24.0
26.0	43.0	65.9	24 300*	52.4	68.9	25 400	57.5	70.1	24 100													26.0
28.0	37.1	63.5	23 100*	47.5	67.2	23 600	52.9	68.7	22 300	61.0	70.2	20 300										28.0
30.0	30.4	60.5	21 200*	42.2	65.2	22 000	48.0	67.0	20 800	56.6	69.0	18 900										30.0
32.0	21.8	56.4	19 400*	36.2	62.7	20 600	42.7	65.0	19 500	52.0	67.5	17 600										32.0
34.0				29.2	59.6	19 500	36.8	62.6	18 300	47.0	65.8	16 500	55.6	67.5	14 900							34.0
36.0				20.3	55.3	18 400	30.0	59.6	17 200	41.7	63.8	15 500	50.9	66.0	13 900							36.0
38.0							21.3	55.5	16 300	35.6	61.3	14 600	45.8	64.2	13 100							38.0
40.0										28.6	58.1	13 900	40.3	62.0	12 400	49.4	64.0	11 000				40.0
42.0										19.3	53.6	13 100	34.1	59.4	11 700	44.3	62.1	10 400				42.0
44.0													26.7	56.0	11 000	38.6	59.9	9 800				44.0
46.0																32.1	57.0	9 200	42.3	59.6	8 100	46.0
48.0																24.1	53.3	8 600	36.4	57.1	7 600	48.0
50.0																11.9	47.1	8 100	29.4	54.0	7 100	50.0
52.0																			20.5	49.8	6 700	52.0



# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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.	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	
13.7	72.6	77.1	31 400*b																			13.7
14.0	72.1	77.0	31 200*b																			14.0
16.0	68.5	76.3	29 700*b																			16.0
18.0	64.8	75.4	28 300*																			18.0
20.0	60.9	74.4	27 000*	67.9	75.8	29 900*																20.0
22.0	56.9	73.2	25 800*	64.2	74.9	28 700*																22.0
24.0	52.7	71.8	24 500*	60.3	73.9	27 100	64.6	74.6	25 800													24.0
26.0	48.3	70.1	23 400*	56.3	72.6	25 100	60.7	73.6	23 800													26.0
28.0	43.5	68.2	22 300*	52.1	71.2	23 300	56.7	72.4	22 000													28.0
30.0	38.3	65.9	21 100*	47.6	69.5	21 700	52.5	71.0	20 500	60.0	72.5	18 600										30.0
32.0	32.4	63.1	19 300*	42.8	67.5	20 400	48.1	69.3	19 200	56.0	71.3	17 400										32.0
34.0	25.3	59.4	17 800*	37.5	65.1	19 100	43.3	67.4	18 000	51.7	69.8	16 300										34.0
36.0	15.5	54.1	15 800*	31.5	62.2	18 100	38.1	65.0	17 000	47.2	68.1	15 300	55.0	69.8	13 800							36.0
38.0				24.1	58.4	17 100	32.1	62.2	16 000	42.4	66.1	14 400	50.7	68.3	13 000							38.0
40.0							25.0	58.5	15 200	37.0	63.7	13 600	46.1	66.5	12 200							40.0
42.0							15.0	53.0	14 400	30.9	60.7	12 900	41.2	64.4	11 500	49.4	66.3	10 300				42.0
44.0										23.4	56.8	12 200	35.7	61.9	10 900	44.7	64.4	9 700				44.0
46.0													29.3	58.7	10 300	39.6	62.2	9 100				46.0
48.0													21.3	54.5	9 700	33.9	59.6	8 600	42.9	61.9	7 500	48.0
50.0																27.2	56.2	8 100	37.6	59.6	7 000	50.0
52.0																18.4	51.4	7 600	31.6	56.7	6 600	52.0
54.0																			24.3	52.9	6 200	54.0
56.0																			13.9	47.1	5 900	56.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	25 100*																20.0
22.0	60.0	76.7	21 900*	66.5	78.3	24 300*																22.0
24.0	56.3	75.5	20 800*	63.0	77.3	23 200*																24.0
26.0	52.4	74.1	19 800*	59.4	76.2	22 000*	63.4	77.1	23 200													26.0
28.0	48.4	72.4	18 900*	55.7	75.0	21 000*	59.8	76.0	21 500													28.0
30.0	44.0	70.5	18 000*	51.8	73.5	20 000*	56.1	74.7	20 100													30.0
32.0	39.3	68.3	17 200*	47.7	71.8	19 000*	52.3	73.3	18 700	59.1	74.9	17 000										32.0
34.0	34.1	65.6	16 500*	43.4	69.8	18 200*	48.2	71.6	17 600	55.4	73.6	15 800										34.0
36.0	28.0	62.2	15 800*	38.6	67.5	17 400*	43.8	69.7	16 500	51.5	72.1	14 900										36.0
38.0	20.3	57.8	14 800*	33.2	64.8	16 600	39.1	67.4	15 600	47.4	70.4	14 000	54.5	72.1	12 600							38.0
40.0				27.0	61.3	15 800	33.8	64.7	14 800	43.0	68.4	13 200	50.6	70.6	11 800							40.0
42.0				18.9	56.6	15 000	27.7	61.4	14 000	38.1	66.1	12 500	46.4	68.8	11 100							42.0
44.0							19.9	56.8	13 300	32.7	63.3	11 900	41.9	66.7	10 500	49.4	68.6	9 300				44.0
46.0										26.4	59.7	11 200	36.9	64.3	10 000	45.1	66.7	8 800				46.0
48.0										18.1	54.9	10 600	31.3	61.4	9 500	40.5	64.6	8 300				48.0
50.0													24.7	57.6	8 900	35.4	62.0	7 800	43.5	64.2	6 800	50.0
52.0																29.5	58.9	7 300	38.7	61.9	6 400	52.0
54.0																22.4	54.8	6 900	33.4	59.2	6 000	54.0
56.0																11.7	48.2	6 500	27.1	55.8	5 600	56.0
58.0																			19.2	51.1	5 300	58.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	22 400*																22.0
24.0	59.2	79.1	19 300*	65.2	80.7	21 400*																24.0
26.0	55.7	77.8	18 400*	62.0	79.7	20 400*	65.6	80.4	21 500*													26.0
28.0	52.2	76.4	17 500*	58.7	78.6	19 500*	62.3	79.5	20 500*													28.0
30.0	48.4	74.7	16 700*	55.2	77.3	18 500*	59.0	78.3	19 600*													30.0
32.0	44.4	72.8	15 900*	51.6	75.8	17 600*	55.6	77.1	18 400													32.0
34.0	40.1	70.6	15 100*	47.8	74.1	16 800*	52.0	75.6	17 200	58.4	77.2	15 500										34.0
36.0	35.4	68.0	14 500*	43.8	72.2	16 000*	48.2	73.9	16 200	54.9	75.9	14 600										36.0
38.0	30.0	64.9	13 900*	39.5	69.9	15 300*	44.2	72.0	15 200	51.3	74.4	13 700										38.0
40.0	23.6	61.0	13 300*	34.7	67.3	14 600*	39.9	69.8	14 400	47.5	72.7	12 900										40.0
42.0	14.8	55.2	12 400*	29.2	64.0	14 000*	35.2	67.2	13 700	43.4	70.7	12 200	54.1	74.4	11 500							42.0
44.0				22.5	59.9	13 500*	29.8	64.0	13 000	39.1	68.5	11 600	50.4	72.9	10 800							44.0
46.0							23.3	60.0	12 400	34.2	65.8	11 000	46.6	71.1	10 200							46.0
48.0							14.3	54.2	11 700	28.7	62.5	10 400	42.5	69.1	9 700	49.3	70.9	8 500				48.0
50.0										21.9	58.3	9 900	38.0	66.7	9 200	45.4	69.1	8 000				50.0
52.0													33.0	63.9	8 700	41.2	66.9	7 600				52.0
54.0													27.2	60.4	8 200	36.6	64.5	7 200	43.9	66.6	6 200	52.0
56.0													20.0	55.9	7 800	31.4	61.5	6 800	39.6	64.3	5 800	54.0
58.0																25.3	57.8	6 400	34.8	61.7	5 400	56.0
60.0																17.4	52.7	6 000	29.3	58.5	5 100	58.0
62.0																			22.7	54.4	4 800	60.0
																			13.4	48.3	4 600	62.0

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	19 600*																24.0
26.0	58.5	81.5	16 800*	64.2	83.1	18 700*	67.4	83.8	18 800*													26.0
28.0	55.3	80.2	16 000*	61.1	82.1	17 800*	64.5	82.9	18 600*													28.0
30.0	51.9	78.7	15 100*	58.0	80.9	16 900*	61.5	81.8	17 900*													30.0
32.0	48.5	77.0	14 300*	54.8	79.6	16 100*	58.4	80.7	17 000*													32.0
34.0	44.8	75.1	13 600*	51.4	78.1	15 200*	55.1	79.4	16 200*	60.9	80.8	15 400										34.0
36.0	40.8	73.0	12 900*	47.9	76.4	14 500*	51.8	77.9	15 400*	57.8	79.6	14 400										36.0
38.0	36.5	70.5	12 300*	44.2	74.5	13 700*	48.3	76.2	14 600*	54.5	78.2	13 500										38.0
40.0	31.7	67.5	11 700*	40.2	72.3	13 000*	44.6	74.3	13 900*	51.1	76.7	12 700	57.0	78.1	11 300							40.0
42.0	26.2	63.9	11 200*	35.8	69.7	12 400*	40.6	72.1	13 200*	47.6	75.0	12 000	53.7	76.7	10 700							42.0
44.0	19.2	59.1	10 700*	31.0	66.7	11 800*	36.3	69.6	12 500*	43.9	73.1	11 400	50.3	75.2	10 100							44.0
46.0				25.3	62.9	11 300*	31.5	66.6	11 900*	39.8	70.8	10 800	46.8	73.4	9 500							46.0
48.0				18.0	57.9	10 800*	25.9	63.0	11 400*	35.4	68.2	10 300	42.9	71.4	9 000	49.3	73.2	7 900				48.0
50.0							18.8	58.1	10 900*	30.5	65.2	9 800	38.8	69.1	8 600	45.7	71.4	7 400				50.0
52.0										24.7	61.3	9 300	34.3	66.4	8 200	41.8	69.3	7 000				52.0
54.0										17.2	56.1	8 800	29.2	63.2	7 700	37.6	66.9	6 700	44.3	68.9	5 700	54.0
56.0													23.1	59.1	7 300	32.9	64.0	6 300	40.3	66.7	5 400	56.0
58.0																27.6	60.6	6 000	35.9	64.1	5 100	58.0
60.0																21.1	56.2	5 600	31.1	61.1	4 800	60.0
62.0																11.5	49.3	5 300	25.4	57.4	4 500	62.0
64.0																			18.2	52.4	4 200	64.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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	16 100*													28.0
30.0	54.9	82.5	13 900*	60.4	84.5	15 500*	63.5	85.3	16 000*													30.0
32.0	51.8	81.0	13 100*	57.5	83.3	14 700*	60.7	84.2	15 600*													32.0
34.0	48.5	79.3	12 400*	54.4	81.9	13 900*	57.8	83.0	14 800*													34.0
36.0	45.0	77.4	11 700*	51.3	80.4	13 200*	54.7	81.7	14 100*	60.1	83.1	14 100										36.0
38.0	41.4	75.3	11 100*	48.0	78.7	12 500*	51.6	80.2	13 300*	57.2	81.9	13 300										38.0
40.0	37.4	72.9	10 500*	44.5	76.8	11 800*	48.3	78.5	12 600*	54.2	80.6	12 600										40.0
42.0	33.1	70.0	9 900*	40.8	74.6	11 100*	44.9	76.6	11 900*	51.0	79.0	11 800										42.0
44.0	28.2	66.7	9 400*	36.8	72.1	10 600*	41.2	74.5	11 300*	47.7	77.3	11 200	56.5	80.4	10 500							44.0
46.0	22.3	62.4	9 000*	32.4	69.2	10 000*	37.3	72.0	10 700*	44.2	75.4	10 600	53.4	79.0	9 900							46.0
48.0	14.3	56.4	8 600*	27.4	65.8	9 500*	32.9	69.2	10 100*	40.5	73.2	10 100	50.2	77.5	9 400							48.0
50.0				21.3	61.3	9 000*	27.9	65.8	9 600*	36.5	70.7	9 600	46.9	75.7	8 900							50.0
52.0							22.0	61.5	9 100*	32.0	67.7	9 200	43.4	73.7	8 400	49.3	75.5	7 300				52.0
54.0							13.9	55.3	8 700*	26.9	64.2	8 700	39.6	71.5	8 000	45.9	73.7	6 900				54.0
56.0										20.7	59.7	8 300	35.5	68.9	7 600	42.3	71.6	6 500				56.0
58.0													30.9	65.8	7 200	38.4	69.3	6 200	44.6	71.2	5 300	58.0
60.0													25.6	62.1	6 800	34.2	66.5	5 900	40.9	69.0	5 000	60.0
62.0													19.0	57.2	6 500	29.4	63.3	5 600	36.9	66.5	4 700	62.0
64.0																23.8	59.3	5 200	32.5	63.7	4 400	64.0
66.0																16.6	53.9	4 900	27.5	60.2	4 100	66.0
68.0																			13.0	49.4	3 700	68.0

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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			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	74.4	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	13 600*													30.0
32.0	54.5	84.8	11 800*	59.7	86.8	13 300*	62.7	87.7	13 500*													32.0
34.0	51.6	83.3	11 100*	57.0	85.6	12 600*	60.0	86.6	13 300*													34.0
36.0	48.5	81.6	10 400*	54.1	84.2	11 800*	57.2	85.4	12 700*													36.0
38.0	45.3	79.7	9 800*	51.1	82.7	11 100*	54.4	84.0	11 900*	59.5	85.5	12 300*										38.0
40.0	41.9	77.6	9 200*	48.1	81.0	10 400*	51.5	82.5	11 200*	56.7	84.3	12 200										40.0
42.0	38.2	75.3	8 700*	44.8	79.1	9 800*	48.4	80.8	10 600*	53.8	82.9	11 500										42.0
44.0	34.3	72.5	8 100*	41.4	77.0	9 200*	45.2	78.9	9 900*	50.9	81.3	10 900										44.0
46.0	29.8	69.3	7 600*	37.7	74.5	8 700*	41.7	76.8	9 300*	47.8	79.6	10 300	56.0	82.8	9 600							46.0
48.0	24.7	65.5	7 200*	33.7	71.8	8 200*	38.1	74.4	8 800*	44.5	77.7	9 700	53.2	81.4	9 000							48.0
50.0	18.3	60.4	6 800*	29.1	68.5	7 700*	34.1	71.7	8 300*	41.1	75.5	9 300	50.2	79.8	8 500							50.0
52.0				23.9	64.5	7 300*	29.6	68.5	7 800*	37.3	73.1	8 700*	47.0	78.0	8 100							52.0
54.0				17.2	59.1	6 900*	24.5	64.6	7 300*	33.3	70.3	8 200*	43.7	76.0	7 700	49.3	77.8	6 600				54.0
56.0							18.0	59.4	6 900*	28.7	66.9	7 800*	40.2	73.8	7 300	46.1	76.0	6 200				56.0
58.0										23.4	62.8	7 300*	36.4	71.3	6 900	42.7	73.9	5 900				58.0
60.0										16.5	57.3	6 900*	32.3	68.4	6 600	39.1	71.6	5 600	44.9	73.5	4 700	60.0
62.0													27.6	64.9	6 200	35.3	69.0	5 300	41.5	71.4	4 400	62.0
64.0													21.9	60.5	5 900	31.0	65.9	5 000	37.8	68.9	4 100	64.0
66.0													14.4	54.4	5 600	26.0	62.2	4 800	33.8	66.2	3 900	66.0
68.0																20.0	57.5	4 500	29.3	62.9	3 700	68.0
70.0																11.3	50.4	4 200	17.4	53.6	3 200	70.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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			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	75.4	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	11 300*													36.0
38.0	48.5	83.9	8 800*	53.8	86.5	10 100*	56.8	87.7	10 800*													38.0
40.0	45.5	82.1	8 200*	51.0	85.0	9 400*	54.1	86.3	10 200*	58.9	87.9	10 400*										40.0
42.0	42.3	80.0	7 700*	48.1	83.3	8 900*	51.3	84.8	9 500*	56.3	86.6	10 300*										42.0
44.0	38.9	77.6	7 200*	45.1	81.4	8 300*	48.4	83.1	8 900*	53.6	85.2	10 000*										44.0
46.0	35.3	75.0	6 700*	41.9	79.3	7 700*	45.4	81.3	8 400*	50.8	83.6	9 400*	55.7	85.1	8 800							46.0
48.0	31.2	72.0	6 300*	38.4	76.9	7 200*	42.2	79.2	7 800*	47.9	81.9	8 800*	52.9	83.7	8 200							48.0
50.0	26.7	68.3	5 900*	34.7	74.2	6 700*	38.8	76.8	7 300*	44.8	80.0	8 300*	50.1	82.1	7 800							50.0
52.0	21.2	63.8	5 400*	30.6	71.1	6 300*	35.1	74.2	6 800*	41.6	77.9	7 700*	47.2	80.3	7 400	52.1	81.7	6 300				52.0
54.0	13.9	57.5	4 900*	25.9	67.4	5 900*	31.1	71.1	6 400*	38.1	75.5	7 300*	44.1	78.4	7 000	49.3	80.1	6 000				54.0
56.0				20.3	62.7	5 300*	26.5	67.4	5 900*	34.4	72.8	6 800*	40.8	76.2	6 600	46.3	78.3	5 600				56.0
58.0							20.9	62.9	5 400*	30.2	69.6	6 300*	37.3	73.7	6 300	43.1	76.3	5 300				58.0
60.0							13.5	56.4	5 000*	25.5	65.8	5 900*	33.4	70.9	6 000	39.8	74.0	5 000	45.1	75.8	4 100	60.0
62.0										19.7	61.0	5 300*	29.2	67.6	5 700	36.2	71.4	4 800	41.9	73.7	3 900	62.0
64.0										11.5	53.9	4 900*	24.3	63.6	5 400	32.3	68.5	4 500	38.5	71.3	3 700	64.0
66.0													18.2	58.5	5 200	27.8	65.0	4 300	34.8	68.6	3 400	66.0
68.0																22.6	60.8	4 100	30.7	65.5	3 300	68.0
70.0																16.0	55.1	3 800	26.1	61.8	3 000	70.0
72.0																			20.5	57.2	2 900	72.0
74.0																			12.7	50.5	2 700	74.0

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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	42 600*b																			13.7
14.0	61.5	66.9	42 300*b																			14.0
16.0	55.1	65.6	40 000*b																			16.0
18.0	48.3	64.1	38 200*																			18.0
20.0	40.6	62.0	35 800*	55.0	65.2	33 800b																20.0
22.0	31.5	59.3	31 700*	48.2	63.7	30 900b	56.2	65.1	29 200b													22.0
24.0	18.8	55.0	25 600*	40.5	61.6	28 400	49.5	63.6	26 800													24.0
26.0				31.3	58.9	26 300	42.0	61.6	24 700	55.8	64.1	22 300b										26.0
28.0				18.6	54.6	24 100	33.2	59.0	23 000	49.1	62.6	20 700b										28.0
30.0							21.4	55.2	21 500	41.5	60.6	19 300										30.0
32.0										32.6	57.9	18 000	48.3	61.1	16 100							32.0
34.0										20.5	53.9	17 000	40.6	59.1	15 100							34.0
36.0													31.5	56.3	14 200	47.1	59.2	12 600				36.0
38.0													18.8	52.1	13 400	39.2	57.1	11 800				38.0
40.0																29.7	54.2	11 100	45.2	56.9	9 700	40.0
42.0																15.8	49.4	10 300	37.1	54.6	9 100	42.0
44.0																		26.9	51.4	8 500		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	39 200*b																			14.0
16.0	60.0	69.2	37 200*b																			16.0
18.0	54.4	68.0	35 300*																			18.0
20.0	48.4	66.4	33 500*	59.9	68.9	33 100b	66.1	69.7	31 300b													20.0
22.0	41.7	64.4	31 600*	54.3	67.6	30 200b	60.9	68.7	28 500b													22.0
24.0	34.1	61.8	28 500*	48.3	66.0	27 700	55.4	67.4	26 100													24.0
26.0	24.5	58.2	25 700*	41.6	64.0	25 600	49.4	65.9	24 100	60.6	67.7	21 800b									26.0	
28.0				34.0	61.4	23 900	42.9	64.0	22 400	55.0	66.4	20 100b										28.0
30.0				24.3	57.8	22 300	35.5	61.5	20 900	49.1	64.9	18 800										30.0
32.0				6.6	50.5	19 500	26.3	58.2	19 600	42.5	62.9	17 500										32.0
34.0										35.0	60.4	16 400	48.4	63.4	14 600							34.0
36.0										25.7	57.0	15 500	41.7	61.4	13 700							36.0
38.0										10.4	50.9	14 700	34.1	58.9	12 900	47.3	61.5	11 400				38.0
40.0													24.5	55.3	12 200	40.5	59.5	10 700				40.0
42.0																32.6	56.8	10 100				42.0
44.0																22.5	52.9	9 500	38.7	57.0	8 200	44.0
46.0																			30.4	54.1	7 700	46.0
48.0																			19.2	49.7	7 200	48.0



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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
13.7	68.9	73.7	35 800*b																			13.7
14.0	68.2	73.6	35 500*b																			14.0
16.0	63.6	72.7	33 600*b																			16.0
18.0	58.8	71.6	31 900*																			18.0
20.0	53.8	70.3	30 400*	63.5	72.3	32 400b																20.0
22.0	48.4	68.7	29 000*	58.8	71.2	29 600	64.4	72.1	28 000b													22.0
24.0	42.6	66.7	27 800*	53.7	69.9	27 200	59.6	71.0	25 600													24.0
26.0	36.0	64.2	25 700*	48.4	68.3	25 100	54.7	69.7	23 700													26.0
28.0	28.1	61.1	23 300*	42.5	66.3	23 400	49.4	68.2	21 900	59.4	70.0	19 800b										28.0
30.0	17.3	56.3	19 900*	35.9	63.8	21 800	43.6	66.3	20 500	54.4	68.7	18 300										30.0
32.0				28.0	60.6	20 500	37.2	63.9	19 100	49.0	67.2	17 100										32.0
34.0				17.1	55.8	19 100	29.6	60.9	18 000	43.3	65.2	16 000	53.8	67.3	14 300							34.0
36.0							19.5	56.5	17 000	36.7	62.9	15 100	48.5	65.7	13 400							36.0
38.0										29.1	59.8	14 300	42.6	63.8	12 600							38.0
40.0										18.7	55.2	13 500	36.0	61.3	11 900	47.5	63.8	10 400				40.0
42.0													28.1	58.1	11 200	41.5	61.8	9 800				42.0
44.0													17.3	53.3	10 600	34.8	59.3	9 300				44.0
46.0																26.6	55.9	8 700				46.0
48.0																14.7	50.6	8 200				48.0
50.0																			40.0	59.3	7 500	50.0
																			24.2	53.0	6 600	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	28 100*	66.4	75.7	31 800b																20.0
22.0	53.3	72.6	26 800*	62.2	74.7	29 200																22.0
24.0	48.5	71.0	25 400*	57.8	73.6	26 800	62.9	74.5	25 300													24.0
26.0	43.3	69.0	24 300*	53.3	72.2	24 800	58.6	73.4	23 300													26.0
28.0	37.5	66.7	23 000*	48.4	70.6	23 000	54.1	72.1	21 600													28.0
30.0	30.7	63.7	21 000*	43.2	68.6	21 500	49.3	70.5	20 100	58.4	72.4	18 100										30.0
32.0	22.3	59.7	19 300*	37.4	66.3	20 100	44.2	68.6	18 900	58.8	71.1	16 900										32.0
34.0				30.6	63.3	18 900	38.5	66.3	17 700	49.0	69.5	15 800										34.0
36.0				22.2	59.3	17 900	32.0	63.5	16 700	43.9	67.6	14 800	53.3	69.6	13 200							36.0
38.0				7.4	51.7	15 800	23.9	59.7	15 800	38.1	65.3	14 000	48.5	68.0	12 400							38.0
40.0										31.5	62.4	13 200	43.3	66.1	11 600							40.0
42.0										23.4	58.5	12 500	37.5	63.7	11 000	47.7	66.1	9 600				42.0
44.0										10.4	51.9	11 900	30.8	60.8	10 400	42.3	64.1	9 000				44.0
46.0													22.3	56.8	9 900	36.4	61.7	8 500	46.4	63.8	7 300	46.0
48.0																29.5	58.6	8 100	40.9	61.7	6 900	48.0
50.0																20.6	54.3	7 600	34.8	59.1	6 500	50.0
52.0																			27.6	55.8	6 100	52.0
54.0																			17.8	51.0	5 700	54.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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.	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	
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	27 000*	68.6	79.0	29 900*b																20.0
22.0	57.1	76.3	25 700*	64.9	78.1	28 500																22.0
24.0	53.0	74.9	24 500*	61.1	77.1	26 500	65.6	77.9	24 900													24.0
26.0	48.5	73.3	23 400*	57.1	75.9	24 400	61.8	76.9	23 000													26.0
28.0	43.8	71.3	22 200*	52.9	74.5	22 700	57.8	75.7	21 300													28.0
30.0	38.6	69.1	20 500*	48.5	72.9	21 200	53.7	74.4	19 900													30.0
32.0	32.8	66.3	18 800*	43.7	70.9	19 800	49.3	72.8	18 600	57.6	74.7	16 600										32.0
34.0	25.8	62.7	17 400*	38.5	68.6	18 600	44.6	70.9	17 400	53.4	73.4	15 600										34.0
36.0	16.2	57.5	15 800*	32.7	65.9	17 600	39.5	68.7	16 400	49.0	71.8	14 600										36.0
38.0				25.7	62.3	16 600	33.8	66.0	15 500	44.3	69.9	13 800	53.0	72.0	12 200							38.0
40.0				16.0	57.0	15 700	27.0	62.6	14 700	39.2	67.6	13 000	48.6	70.3	11 500							40.0
42.0							18.1	57.8	14 000	33.4	64.9	12 300	43.8	68.4	10 800							42.0
44.0										26.6	61.5	11 700	38.6	66.1	10 200	47.8	68.4	8 900				44.0
46.0										17.5	56.5	11 200	32.8	63.3	9 700	43.0	66.5	8 400				46.0
48.0													25.8	59.8	9 200	37.7	64.1	8 000				48.0
50.0													16.2	54.5	8 700	31.7	61.2	7 500	41.7	64.0	6 400	50.0
52.0																24.4	57.5	7 100	36.3	61.6	6 000	52.0
54.0																14.0	51.7	6 700	30.0	58.5	5 700	54.0
56.0																			22.3	54.4	5 300	56.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	
13.7	74.3	83.3	25 200*b																			13.7
14.0	73.8	83.3	25 100*b																			14.0
16.0	70.5	82.6	24 400*b																			16.0
18.0	67.2	81.8	23 900*																			18.0
20.0	63.7	80.9	23 000*	70.5	82.2	24 800*b																20.0
22.0	60.2	79.9	21 900*	67.1	81.5	24 300*																22.0
24.0	56.5	78.6	20 800*	63.7	80.5	23 300*																24.0
26.0	52.6	77.2	19 800*	60.1	79.5	22 200*	64.3	80.3	22 500													26.0
28.0	48.6	75.6	18 900*	56.4	78.2	21 200*	60.8	79.3	20 900													28.0
30.0	44.3	73.7	18 000*	52.6	76.8	20 100*	57.1	78.1	19 400													30.0
32.0	39.6	71.4	17 200*	48.5	75.2	19 200*	53.3	76.7	18 100													32.0
34.0	34.4	68.8	16 500*	44.2	73.3	18 200	49.3	75.1	17 000	56.9	77.1	15 100										34.0
36.0	28.3	65.5	15 500*	39.5	71.0	17 100	45.0	73.2	16 000	53.1	75.7	14 200										36.0
38.0	20.8	61.1	14 500*	34.3	68.4	16 200	40.4	71.1	15 100	49.0	74.1	13 400										38.0
40.0				28.2	65.1	15 400	35.3	68.5	14 300	44.7	72.2	12 600	52.6	74.3	11 100							40.0
42.0				20.7	60.7	14 600	29.4	65.3	13 500	40.1	70.0	11 900	48.6	72.6	10 400							42.0
44.0				8.0	52.8	13 000	22.2	61.2	12 900	34.9	67.4	11 300	44.3	70.7	9 900							44.0
46.0										29.0	64.2	10 800	39.6	68.5	9 300	47.9	70.7	8 000				46.0
48.0										21.7	60.0	10 200	34.4	65.8	8 900	43.5	68.8	7 600				48.0
50.0										10.4	53.0	9 700	28.3	62.5	8 400	38.7	66.5	7 200				50.0
52.0													20.8	58.2	8 000	33.4	63.7	6 800	42.4	66.4	5 700	52.0
54.0																27.2	60.3	6 500	37.5	64.0	5 400	54.0
56.0																19.2	55.7	6 100	32.0	61.1	5 100	56.0
58.0																			25.5	57.4	4 700	58.0
60.0																			16.8	52.3	4 500	60.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	22 400*																22.0
24.0	59.4	82.2	19 300*	65.8	83.9	21 500*																24.0
26.0	55.9	81.0	18 400*	62.6	82.9	20 500*	66.4	83.7	21 400*													26.0
28.0	52.4	79.5	17 500*	59.3	81.8	19 600*	63.2	82.7	20 600*													28.0
30.0	48.6	77.9	16 700*	55.9	80.6	18 700*	59.9	81.7	19 300*													30.0
32.0	44.6	76.0	15 900*	52.3	79.1	17 800*	56.5	80.4	18 000*													32.0
34.0	40.4	73.8	15 200*	48.6	77.5	17 000*	53.0	79.0	16 900*	59.7	80.7	15 000*										34.0
36.0	35.7	71.2	14 500*	44.6	75.6	16 200*	49.3	77.4	15 900*	56.3	79.4	14 100*										36.0
38.0	30.3	68.1	13 900*	40.3	73.4	15 400*	45.3	75.5	15 000*	52.8	78.0	13 300*										38.0
40.0	24.0	64.3	13 200*	35.6	70.8	14 700*	41.1	73.4	14 100*	49.0	76.4	12 500*										40.0
42.0	15.4	58.7	12 400*	30.3	67.7	14 100*	36.5	70.9	13 400*	45.1	74.5	11 800*	55.9	78.0	11 000*							42.0
44.0				23.9	63.8	13 600*	31.3	67.9	12 800*	40.8	72.4	11 200*	52.4	76.6	10 300*							44.0
46.0				15.3	58.2	13 000*	25.2	64.2	12 100*	36.2	69.8	10 600*	48.6	74.9	9 800*	51.7	74.7	8 000*				46.0
48.0							17.2	59.1	11 600*	31.0	66.8	10 100*	44.6	73.0	9 300*	48.0	73.0	7 500*				48.0
50.0										24.8	63.0	9 600*	35.7	68.3	8 300*	43.9	71.1	7 100*				50.0
52.0										16.6	57.7	9 200*	30.3	65.2	7 900*	39.6	68.9	6 700*	47.0	70.7	5 600*	52.0
54.0													24.0	61.3	7 500*	34.8	66.2	6 400*	42.9	68.7	5 300*	54.0
56.0													15.4	55.7	7 200*	29.4	63.0	6 100*	38.5	66.4	5 000*	56.0
58.0																22.8	59.0	5 700*	33.6	63.6	4 700*	58.0
60.0																13.5	52.8	5 400*	27.9	60.2	4 500*	60.0
62.0																			20.9	55.8	4 200*	62.0
64.0																			10.0	48.6	4 000*	64.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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			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	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	19 200*																24.0
26.0	58.7	84.6	16 800*	64.7	86.3	18 800*																26.0
28.0	55.5	83.3	15 900*	61.7	85.3	17 900*	65.3	86.1	18 200*													28.0
30.0	52.1	81.8	15 100*	58.6	84.2	17 000*	62.3	85.1	18 000*													30.0
32.0	48.6	80.2	14 400*	55.4	82.9	16 200*	59.2	84.0	17 200*													32.0
34.0	45.0	78.3	13 700*	52.1	81.4	15 400*	56.0	82.7	16 400	62.1	84.1	14 600										34.0
36.0	41.0	76.1	12 900*	48.6	79.8	14 600*	52.7	81.3	15 500	59.0	83.0	13 700										36.0
38.0	36.7	73.7	12 400*	44.9	77.9	13 900*	49.2	79.7	14 600	55.8	81.7	12 900										38.0
40.0	32.0	70.7	11 800*	41.0	75.7	13 200*	45.6	77.8	13 800	52.5	80.3	12 100										40.0
42.0	26.5	67.2	11 200*	36.7	73.2	12 600*	41.7	75.8	13 000	49.0	78.7	11 500										42.0
44.0	19.6	62.5	10 800*	31.9	70.3	11 900*	37.5	73.3	12 300	45.4	76.8	10 800	55.5	80.3	10 000							44.0
46.0				26.4	66.7	11 400*	32.8	70.5	11 700	41.5	74.7	10 300	48.6	77.2	8 900							46.0
48.0				19.5	62.0	10 900*	27.5	67.0	11 200	37.2	72.3	9 700	45.0	75.3	8 400	51.6	77.0	7 200				48.0
50.0				8.3	53.9	10 600*	20.9	62.6	10 700	32.5	69.4	9 300	41.0	73.2	8 000	48.0	75.3	6 800				50.0
52.0										27.1	65.9	8 800	36.7	70.7	7 600	44.3	73.4	6 400				52.0
54.0										20.5	61.4	8 400	32.0	67.8	7 200	40.3	71.2	6 000				54.0
56.0										10.3	54.1	8 000	26.5	64.2	6 900	36.0	68.7	5 700	43.4	71.0	4 700	56.0
58.0													19.6	59.5	6 600	31.1	65.7	5 400	39.3	68.7	4 400	58.0
60.0																25.4	61.9	5 200	34.8	66.1	4 200	60.0
62.0																18.2	56.9	4 900	29.8	62.9	4 000	62.0
64.0																4.6	47.1	4 600	23.9	59.0	3 700	64.0
66.0																			16.0	53.5	3 500	66.0

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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			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	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	16 500*																26.0
28.0	58.0	86.9	14 600*	63.7	88.8	16 200*	67.0	89.5	15 700*													28.0
30.0	55.0	85.6	13 900*	60.9	87.7	15 700*	64.3	88.5	15 600*													30.0
32.0	51.9	84.1	13 100*	58.0	86.5	14 800*	61.4	87.5	15 500*													32.0
34.0	48.7	82.5	12 400*	55.0	85.2	14 100*	58.5	86.4	15 000*													34.0
36.0	45.2	80.6	11 700*	51.9	83.7	13 300*	55.6	85.1	14 300*	61.3	86.5	13 500										36.0
38.0	41.6	78.5	11 100*	48.6	82.1	12 600*	52.5	83.6	13 500*	58.4	85.4	12 700										38.0
40.0	37.7	76.1	10 500*	45.2	80.2	11 900*	49.2	82.0	12 800*	55.4	84.1	12 000										40.0
42.0	33.3	73.3	10 000*	41.5	78.1	11 300*	45.8	80.2	12 100*	52.3	82.6	11 300										42.0
44.0	28.5	69.9	9 500*	37.6	75.7	10 700*	42.2	78.1	11 500*	49.0	81.0	10 700	55.0	82.7	9 300							44.0
46.0	22.6	65.7	9 000*	33.3	72.8	10 100*	38.3	75.7	10 800*	45.6	79.1	10 100	51.9	81.2	8 700							46.0
48.0	14.8	59.8	8 600*	28.4	69.5	9 600*	34.1	73.0	10 300*	42.0	77.0	9 600	48.7	79.5	8 300							48.0
50.0				22.6	65.3	9 100*	29.3	69.8	9 800*	38.1	74.7	9 100	45.2	77.7	7 800							50.0
52.0				14.7	59.4	8 800*	23.7	65.7	9 300*	33.8	71.9	8 700	41.6	75.5	7 400	48.1	77.6	6 300				52.0
54.0							16.4	60.3	8 800*	29.0	68.6	8 300	37.7	73.1	7 000	44.6	75.7	5 900				54.0
56.0										23.3	64.6	7 900	33.3	70.3	6 700	40.9	73.6	5 600				56.0
58.0										15.9	58.9	7 600	28.5	67.0	6 400	37.0	71.1	5 300	43.8	73.3	4 300	58.0
60.0													22.6	62.8	6 100	32.6	68.2	5 000	40.0	71.1	4 100	60.0
62.0													14.8	56.9	5 800	27.6	64.8	4 800	35.9	68.5	3 800	62.0
64.0																21.5	60.4	4 500	31.4	65.5	3 600	64.0
66.0																13.1	54.0	4 300	26.2	61.9	3 400	66.0
68.0																			19.8	57.2	3 200	68.0
70.0																			10.0	49.7	3 000	70.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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			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	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	13 400*													30.0
32.0	54.7	87.9	11 800*	60.2	90.1	13 400*	63.4	91.0	13 200*													32.0
34.0	51.7	86.4	11 100*	57.5	88.9	12 700*	60.7	89.9	13 100*													34.0
36.0	48.7	84.8	10 500*	54.6	87.5	11 900*	58.0	88.7	12 800*													36.0
38.0	45.5	82.9	9 800*	51.7	86.0	11 300*	55.2	87.4	12 100*	60.5	88.9	12 000*										38.0
40.0	42.1	80.8	9 200*	48.6	84.4	10 600*	52.2	85.9	11 400*	57.8	87.7	11 600										40.0
42.0	38.4	78.5	8 700*	45.4	82.5	10 000*	49.2	84.3	10 800*	55.0	86.4	10 900										42.0
44.0	34.5	75.7	8 200*	42.0	80.4	9 300*	46.0	82.5	10 100*	52.1	84.9	10 300										44.0
46.0	30.1	72.6	7 700*	38.4	78.0	8 800*	42.7	80.4	9 500*	49.0	83.3	9 800	54.7	85.0	8 400							46.0
48.0	25.0	68.7	7 300*	34.4	75.3	8 300*	39.1	78.1	8 900*	45.8	81.4	9 200	51.7	83.5	7 900							48.0
50.0	18.7	63.8	6 900*	30.0	72.2	7 800*	35.2	75.5	8 400*	42.5	79.4	8 800	48.7	81.8	7 500							50.0
52.0				24.9	68.3	7 300*	30.9	72.4	7 900*	38.8	77.0	8 300	45.5	80.0	7 100	51.2	81.6	5 900				52.0
54.0				18.6	63.3	6 900*	25.9	68.7	7 500*	34.9	74.4	7 900	42.1	77.9	6 700	48.2	79.9	5 600				54.0
56.0				8.6	55.0	6 600*	19.9	64.0	7 100*	30.6	71.3	7 500	38.4	75.5	6 400	44.9	78.0	5 300				56.0
58.0										25.6	67.5	7 200	34.5	72.8	6 100	41.5	75.9	5 000	47.4	77.6	4 000	58.0
60.0										19.5	62.7	6 900	30.1	69.6	5 800	37.8	73.5	4 700	44.1	75.6	3 700	60.0
62.0										10.3	55.2	6 600	25.0	65.8	5 500	33.8	70.7	4 500	40.6	73.5	3 500	62.0
64.0													18.7	60.8	5 300	29.3	67.5	4 200	36.9	71.0	3 300	64.0
66.0																24.1	63.5	4 000	32.7	68.1	3 100	66.0
68.0																17.4	58.2	3 800	28.1	64.7	2 900	68.0
70.0																5.6	48.4	3 600	22.6	60.5	2 700	70.0
72.0																			15.4	54.6	2 600	72.0



# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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			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	75.5	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	11 300*													34.0		
36.0	51.6	88.7	9 500*	57.0	91.2	10 900*	60.1	92.3	11 100*													36.0		
38.0	48.7	87.1	8 900*	54.3	89.8	10 200*	57.5	91.1	10 900*													38.0		
40.0	45.7	85.2	8 300*	51.5	88.3	9 600*	54.8	89.7	10 400*	59.9	91.3	10 200*										40.0		
42.0	42.5	83.1	7 700*	48.7	86.7	8 900*	52.1	88.2	9 700*	57.3	90.1	10 100*										42.0		
44.0	39.1	80.8	7 300*	45.6	84.8	8 400*	49.2	86.6	9 100*	54.6	88.7	10 000*										44.0		
46.0	35.5	78.2	6 700*	42.5	82.7	7 900*	46.2	84.8	8 500*	51.9	87.2	9 500*	57.0	88.7	8 100*							46.0		
48.0	31.5	75.2	6 300*	39.1	80.4	7 300*	43.1	82.7	8 000*	49.0	85.6	9 000*	54.4	87.3	7 700*							48.0		
50.0	26.9	71.6	5 900*	35.4	77.8	6 900*	39.7	80.5	7 500*	46.0	83.7	8 500*	51.6	85.8	7 200*							50.0		
52.0	21.5	67.2	5 400*	31.4	74.8	6 400*	36.1	77.9	7 000*	42.9	81.7	8 000*	48.7	84.1	6 800*							52.0		
54.0	14.4	61.0	5 000*	26.9	71.2	6 000*	32.2	75.0	6 500*	39.5	79.4	7 500*	45.7	82.3	6 500*	51.1	83.9	5 300*				54.0		
56.0				21.5	66.7	5 500*	27.7	71.5	6 100*	35.9	76.8	7 000*	42.5	80.2	6 100*	48.2	82.2	5 000*				56.0		
58.0				14.2	60.5	5 000*	22.5	67.2	5 600*	31.9	73.8	6 600*	39.1	77.9	5 800*	45.2	80.4	4 700*				58.0		
60.0							15.8	61.5	5 100*	27.5	70.3	6 100*	35.5	75.3	5 500*	42.0	78.2	4 500*				60.0		
62.0										22.2	66.0	5 600*	31.5	72.2	5 200*	38.5	75.9	4 200*	44.4	78.0	3 300*	62.0		
64.0										15.3	60.1	5 100*	26.9	68.7	5 000*	34.8	73.2	4 000*	41.1	75.8	3 000*	64.0		
66.0																21.5	70.1	3 800*	37.7	73.4	2 800*	66.0		
68.0																14.4	58.0	4 600*	26.1	66.4	3 600*	68.0		
70.0																		20.5	61.8	3 400*	29.7	67.4	2 500*	70.0
72.0																		12.8	55.1	3 200*	24.8	63.5	2 300*	72.0
74.0																				18.9	58.5	2 200*	74.0	
76.0																				10.0	50.7	2 100*	76.0	

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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	40 700*b																			15.2
16.0	55.5	68.8	40 000*b																			16.0
18.0	48.7	67.2	38 100*																			18.0
20.0	41.1	65.2	34 400*	56.3	68.5	32 800b																20.0
22.0	32.0	62.5	30 700*	49.5	67.0	30 000b	57.9	68.4	28 200b													22.0
24.0	19.7	58.4	25 800*	42.0	65.1	27 600	51.3	67.0	25 800b													24.0
26.0				33.2	62.5	25 500	44.1	65.2	23 900	58.4	67.6	21 400b										26.0
28.0				21.5	58.6	23 900	35.7	62.8	22 200	51.8	66.2	19 800b										28.0
30.0							25.0	59.4	20 800	44.6	64.4	18 400										30.0
32.0										36.3	62.0	17 200	51.9	64.9	15 200b							32.0
34.0										25.9	58.7	16 200	44.8	63.1	14 200							34.0
36.0													36.5	60.7	13 300							36.0
38.0													26.2	57.5	12 600	44.4	61.3	10 900				38.0
40.0																36.1	58.9	10 300				40.0
42.0																25.6	55.6	9 700	43.4	59.0	8 300	42.0
44.0																			34.9	56.6	7 800	44.0
46.0																			24.0	53.0	7 300	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	38 800*b																			14.0
16.0	60.3	72.4	37 000*b																			16.0
18.0	54.7	71.1	35 200*																			18.0
20.0	48.7	69.5	33 400*	60.9	72.1	32 100b																20.0
22.0	42.1	67.5	30 500*	55.4	70.8	29 300b	62.3	72.0	27 600b													22.0
24.0	34.5	65.0	27 400*	49.5	69.3	26 900	56.9	70.8	25 300b													24.0
26.0				42.9	67.4	24 900	51.0	69.3	23 300	62.7	71.1	20 800b										26.0
28.0				35.5	64.9	23 200	44.7	67.5	21 600	57.2	69.9	19 300b										28.0
30.0				26.3	61.6	21 700	37.6	65.2	20 200	51.5	68.5	17 900										30.0
32.0				12.0	55.8	20 500	29.0	62.2	18 900	45.2	66.7	16 700										32.0
34.0										38.1	64.4	15 700	51.6	67.2	13 700							34.0
36.0										45.3	65.4	12 900	45.3	65.4	12 900							36.0
38.0										29.6	61.5	14 800	38.2	63.1	12 100							38.0
40.0										18.0	56.9	14 000	29.8	60.2	11 400	45.0	63.6	9 900				40.0
42.0													18.3	55.7	10 900	37.9	61.3	9 300				42.0
44.0																29.4	58.3	8 800				44.0
46.0																			36.9	59.0	7 000	46.0
48.0																			28.2	55.9	6 600	48.0
50.0																			15.5	50.9	6 100	50.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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	33 500*b																			16.0
18.0	59.1	74.7	31 800*																			18.0
20.0	54.1	73.4	30 300*	64.4	75.5	31 500b																20.0
22.0	48.7	71.8	29 000*	59.7	74.5	28 800b	65.6	75.3	27 000b													22.0
24.0	42.9	69.9	27 200*	54.7	73.2	26 400	60.9	74.3	24 800													24.0
26.0	36.4	67.4	24 700*	49.4	71.6	24 400	56.0	73.1	22 900													26.0
28.0	28.6	64.3	22 500*	43.6	69.7	22 700	50.8	71.6	21 200	61.3	73.4	18 900b										28.0
30.0	18.0	59.7	20 000*	37.2	67.4	21 200	45.2	69.8	19 800	56.4	72.2	17 500										30.0
32.0				29.6	64.3	19 900	39.0	67.6	18 500	51.2	70.8	16 400										32.0
34.0				19.5	60.0	18 800	31.7	64.8	17 400	45.6	69.0	15 300	56.5	70.9	13 400							34.0
36.0							22.6	60.9	16 400	39.4	66.8	14 400	51.3	69.5	12 600							36.0
38.0										32.3	64.0	13 600	45.7	67.7	11 800							38.0
40.0										23.3	60.2	12 800	39.6	65.5	11 100	51.1	67.7	9 500				40.0
42.0													32.4	62.8	10 500	45.5	65.9	9 000				42.0
44.0													23.5	59.0	10 000	39.2	63.7	8 500				44.0
46.0																32.1	60.9	8 000	44.7	63.6	6 700	46.0
48.0																23.0	57.1	7 600	38.4	61.4	6 300	48.0
50.0																			31.1	58.5	5 900	50.0
52.0																			21.6	54.5	5 600	52.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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.	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	
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	29 600*																			18.0
20.0	58.1	77.1	28 100*	67.1	78.9	31 100b																20.0
22.0	53.6	75.7	26 700*	63.0	77.9	28 400																22.0
24.0	48.8	74.1	25 400*	58.7	76.8	26 100	64.1	77.8	24 400													24.0
26.0	43.6	72.2	24 300*	54.1	75.5	24 100	59.8	76.7	22 500													26.0
28.0	37.8	69.8	22 300*	49.4	73.9	22 400	55.3	75.4	20 900													28.0
30.0	31.1	66.9	20 500*	44.2	72.0	20 900	50.6	73.9	19 500	60.1	75.8	17 300										30.0
32.0	22.8	63.0	18 900*	38.5	69.8	19 500	45.6	72.1	18 200	55.7	74.6	16 100										32.0
34.0				32.0	66.9	18 400	40.0	70.0	17 100	51.0	73.1	15 000										34.0
36.0				24.0	63.2	17 400	33.8	67.3	16 100	46.0	71.3	14 100	55.8	73.2	12 300							36.0
38.0				11.7	56.9	16 500	26.3	63.9	15 200	40.5	69.2	13 300	51.1	71.8	11 600							38.0
40.0										34.3	66.5	12 600	46.1	70.0	10 900							40.0
42.0										26.9	63.2	11 900	40.6	67.9	10 300	50.8	70.0	8 800				42.0
44.0										16.7	58.2	11 300	34.4	65.3	9 700	45.8	68.2	8 300				44.0
46.0													27.0	61.9	9 200	40.3	66.1	7 800				46.0
48.0													17.0	57.0	8 800	34.1	63.4	7 400	45.1	66.0	6 100	48.0
50.0																26.6	60.0	7 000	39.6	63.8	5 800	50.0
52.0																			33.2	61.1	5 400	52.0
54.0																			25.6	57.5	5 100	54.0
56.0																			14.6	52.0	4 800	56.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	26 800*	69.3	82.1	29 700b																20.0
22.0	57.3	79.4	25 600*	65.6	81.3	28 100																22.0
24.0	53.2	78.0	24 400*	61.8	80.3	25 700																24.0
26.0	48.8	76.4	23 300*	57.8	79.2	23 800	62.8	80.2	22 200													26.0
28.0	44.1	74.5	21 600*	53.7	77.8	22 100	58.9	79.1	20 600													28.0
30.0	38.9	72.2	19 900*	49.3	76.2	20 600	54.8	77.8	19 200													30.0
32.0	33.1	69.5	18 400*	44.7	74.3	19 300	50.5	76.2	18 000	59.2	78.2	15 900										32.0
34.0	26.2	66.0	17 100*	39.6	72.1	18 100	45.9	74.4	16 800	55.1	76.9	14 900										34.0
36.0	16.8	60.9	15 900*	33.8	69.4	17 100	40.9	72.3	15 900	50.8	75.4	13 900										36.0
38.0				27.1	66.0	16 200	35.4	69.8	15 000	46.2	73.6	13 100										38.0
40.0				18.2	61.2	15 400	29.0	66.6	14 200	41.3	71.5	12 400										40.0
42.0							20.9	62.3	13 500	35.8	69.0	11 700	50.9	74.1	10 800							42.0
44.0										29.5	65.9	11 100	46.3	72.3	10 100							44.0
46.0										21.5	61.7	10 600	41.4	70.2	9 600							46.0
48.0													35.9	67.7	9 000	46.1	70.5	7 600				48.0
50.0													29.6	64.6	8 600	41.2	68.4	7 200				50.0
52.0													21.7	60.4	8 200	35.7	65.9	6 800				52.0
54.0																29.3	62.8	6 500	40.5	66.1	5 300	54.0
56.0																21.3	58.5	6 200	34.9	63.5	5 000	56.0
58.0																			28.4	60.3	4 800	58.0
																			20.0	55.8	4 500	58.0

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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			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	74.5	86.4	24 800*																			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	24 100*																22.0
24.0	56.7	81.7	20 800*	64.3	83.7	23 400*																24.0
26.0	52.8	80.3	19 900*	60.8	82.7	22 400*	65.2	83.6	21 700													26.0
28.0	48.8	78.7	18 900*	57.1	81.5	21 300*																28.0
30.0	44.5	76.8	18 100*	53.3	80.1	20 200	58.1	81.4	18 800													30.0
32.0	39.8	74.6	17 300*	49.3	78.5	18 800	54.3	80.1	17 500													32.0
34.0	34.7	72.0	16 300*	45.0	76.7	17 700	50.4	78.5	16 400	58.4	80.5	14 400										34.0
36.0	28.7	68.7	15 200*	40.4	74.5	16 700	46.2	76.8	15 400	54.6	79.2	13 500										36.0
38.0	21.3	64.4	14 200*	35.3	71.9	15 700	41.6	74.7	14 600	50.6	77.7	12 700										38.0
40.0				29.4	68.8	14 900	36.7	72.2	13 800	46.5	75.9	12 000	54.7	77.9	10 300							40.0
42.0				22.3	64.6	14 200	31.1	69.2	13 000	42.0	73.9	11 300	50.7	76.4	9 700							42.0
44.0				11.4	58.0	13 600	24.3	65.4	12 400	37.1	71.4	10 700	46.6	74.6	9 200							44.0
46.0										31.5	68.5	10 200	42.1	72.6	8 700	50.5	74.6	7 300				46.0
48.0										24.8	64.8	9 700	37.2	70.1	8 200	46.4	72.8	6 900				48.0
50.0										15.8	59.4	9 300	31.6	67.2	7 800	41.9	70.8	6 500				50.0
52.0													25.0	63.5	7 400	36.9	68.3	6 100	45.8	70.6	5 000	52.0
54.0													16.0	58.2	7 100	31.3	65.4	5 800	41.3	68.5	4 700	54.0
56.0																24.6	61.6	5 500	36.2	66.0	4 400	56.0
58.0																			30.6	62.9	4 200	58.0
60.0																			23.7	59.0	3 900	60.0
62.0																			13.9	53.2	3 700	62.0

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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			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	89.6	23 200*b																			13.7
14.0	75.2	89.5	23 100*b																			14.0
16.0	72.2	88.9	22 600*b																			16.0
18.0	69.2	88.2	22 100*																			18.0
20.0	66.0	87.4	21 200*																			20.0
22.0	62.8	86.4	20 200*	69.5	87.9	21 800*																22.0
24.0	59.5	85.3	19 300*	66.4	87.1	21 500*																24.0
26.0	56.1	84.1	18 400*	63.2	86.2	20 600*	67.2	86.9	20 700													26.0
28.0	52.6	82.6	17 500*	59.9	85.1	19 700*	64.1	86.0	20 100													28.0
30.0	48.8	81.0	16 700*	56.5	83.8	18 800*	60.8	85.0	18 600													30.0
32.0	44.9	79.1	15 900*	53.0	82.4	17 900*	57.4	83.8	17 400													32.0
34.0	40.6	77.0	15 200*	49.3	80.8	17 100*	53.9	82.4	16 300	61.0	84.1	14 300										34.0
36.0	35.9	74.4	14 500*	45.3	79.0	16 300*	50.3	80.8	15 300	57.7	82.9	13 500										36.0
38.0	30.6	71.4	13 700*	41.1	76.8	15 600*	46.4	79.1	14 500	54.2	81.5	12 600										38.0
40.0	24.4	67.5	13 000*	36.5	74.3	14 800	42.2	77.0	13 600	50.5	80.0	11 900										40.0
42.0	16.0	62.1	12 300*	31.3	71.4	14 000	37.7	74.6	12 900	46.7	78.2	11 300	54.2	80.2	9 700							42.0
44.0				25.2	67.7	13 300	32.7	71.8	12 300	42.5	76.2	10 700	50.6	78.7	9 100							44.0
46.0				17.2	62.5	12 800	26.9	68.3	11 700	38.1	73.8	10 100	46.7	76.9	8 600							46.0
48.0							19.6	63.6	11 200	33.1	71.0	9 600	42.6	74.9	8 200	50.4	76.9	6 800				48.0
50.0										27.4	67.6	9 100	38.2	72.5	7 700	46.6	75.1	6 400				50.0
52.0										20.2	63.1	8 800	33.2	69.8	7 400	42.4	73.1	6 100				52.0
54.0													27.5	66.3	7 000	38.0	70.7	5 700	46.1	72.9	4 600	54.0
56.0													20.3	61.8	6 700	33.0	67.9	5 400	41.9	70.8	4 300	56.0
58.0																27.2	64.5	5 200	37.4	68.4	4 100	58.0
60.0																20.0	59.9	4 900	32.3	65.5	3 800	60.0
62.0																			26.4	62.0	3 600	62.0
64.0																			18.9	57.2	3 400	64.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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			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	92.3	20 100*																			15.2
16.0	73.5	92.1	20 000*b																			16.0
18.0	70.7	91.5	19 600*																			18.0
20.0	67.9	90.7	19 300*																			20.0
22.0	64.9	89.8	18 600*																			22.0
24.0	61.9	88.8	17 700*	68.2	90.4	18 700*																24.0
26.0	58.8	87.7	16 800*	65.3	89.5	18 500*																26.0
28.0	55.6	86.4	16 000*	62.3	88.6	18 100*	66.0	89.4	17 700*													28.0
30.0	52.3	84.9	15 200*	59.2	87.4	17 200*	63.1	88.4	17 700*													30.0
32.0	48.8	83.3	14 400*	56.0	86.2	16 300*	60.0	87.3	17 000													32.0
34.0	45.2	81.4	13 700*	52.7	84.7	15 500*	56.9	86.1	15 900													34.0
36.0	41.2	79.3	13 000*	49.3	83.1	14 700*	53.6	84.7	14 900	60.2	86.4	13 100										36.0
38.0	37.0	76.8	12 400*	45.6	81.3	14 000*	50.2	83.1	14 100	57.1	85.2	12 300										38.0
40.0	32.3	73.9	11 800*	41.7	79.2	13 300*	46.6	81.4	13 300	53.8	83.8	11 600										40.0
42.0	26.8	70.4	11 300*	37.5	76.8	12 700*	42.8	79.3	12 600	50.4	82.3	10 900										42.0
44.0	20.0	65.8	10 800*	32.8	73.9	12 100*	38.6	77.0	11 900	46.8	80.5	10 300	53.9	82.5	8 800							44.0
46.0				27.5	70.5	11 500*	34.1	74.3	11 300	43.0	78.5	9 800	50.5	81.0	8 300							46.0
48.0				20.9	66.0	11 000*	29.0	71.0	10 800	38.9	76.2	9 200	46.9	79.2	7 800							48.0
50.0				11.3	59.1	10 700*	22.8	66.9	10 300	34.4	73.5	8 800	43.1	77.2	7 400	50.3	79.2	6 100				50.0
52.0										29.4	70.3	8 400	39.0	74.9	7 000	46.7	77.4	5 700				52.0
54.0										23.3	66.3	8 000	34.5	72.2	6 600	42.9	75.4	5 400				54.0
56.0										15.1	60.5	7 700	29.5	69.0	6 300	38.8	73.1	5 100				56.0
58.0													23.4	65.0	6 000	34.3	70.4	4 800	42.4	73.1	3 700	58.0
60.0													15.3	59.3	5 800	29.2	67.2	4 600	38.3	70.8	3 500	60.0
62.0																23.1	63.1	4 400	33.7	68.0	3 300	62.0
64.0																14.9	57.3	4 200	28.5	64.7	3 100	64.0
66.0																		22.2	60.5	2 900		66.0
68.0																		13.5	54.3	2 800		68.0



# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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			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	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	15 900*																28.0
30.0	55.2	88.7	13 900*	61.4	90.9	15 700*	65.0	91.8	15 200*													30.0
32.0	52.1	87.2	13 100*	58.6	89.8	15 000*	62.2	90.8	15 100*													32.0
34.0	48.8	85.6	12 400*	55.6	88.5	14 200*	59.3	89.7	15 000*													34.0
36.0	45.4	83.7	11 800*	52.5	87.0	13 500*	56.4	88.4	14 500*													36.0
38.0	41.8	81.6	11 200*	49.2	85.4	12 700*	53.3	87.0	13 700*	59.5	88.8	12 100										38.0
40.0	37.9	79.2	10 600*	45.8	83.6	12 100*	50.1	85.4	13 000*	56.6	87.5	11 300										40.0
42.0	33.6	76.5	10 000*	42.2	81.5	11 400*	46.7	83.7	12 300*	53.5	86.1	10 700										42.0
44.0	28.7	73.2	9 500*	38.4	79.2	10 800*	43.2	81.7	11 700*	50.3	84.6	10 100										44.0
46.0	23.0	69.0	9 000*	34.1	76.4	10 300*	39.4	79.4	11 100*	47.0	82.8	9 600	53.6	84.8	8 100							46.0
48.0	15.4	63.3	8 700*	29.3	73.2	9 700*	35.3	76.8	10 500*	43.5	80.8	9 100	50.4	83.3	7 700							48.0
50.0				23.7	69.2	9 300*	30.7	73.7	9 900*	39.7	78.6	8 600	47.0	81.5	7 200							50.0
52.0				16.4	63.7	8 800*	25.3	69.9	9 400*	35.6	76.0	8 200	43.5	79.5	6 900	50.2	81.5	5 600				52.0
54.0							18.6	64.9	9 000*	31.0	72.9	7 800	39.7	77.3	6 500	46.9	79.7	5 300				54.0
56.0										25.7	69.2	7 500	35.6	74.7	6 200	43.4	77.8	5 000				56.0
58.0										19.1	64.4	7 100	31.1	71.7	5 900	39.6	75.5	4 700	46.5	77.5	3 600	58.0
60.0													25.8	68.0	5 600	35.5	72.9	4 500	42.9	75.5	3 400	60.0
62.0													19.3	63.2	5 400	30.9	69.8	4 200	39.1	73.2	3 200	62.0
64.0													9.0	55.2	5 100	25.6	66.1	4 000	34.9	70.5	3 000	64.0
66.0																18.9	61.2	3 800	30.2	67.4	2 800	66.0
68.0																			24.8	63.5	2 600	68.0
70.0																			17.9	58.4	2 500	70.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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			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	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	13 100*													30.0
32.0	54.8	91.0	11 800*	60.7	93.3	13 300*	64.1	94.2	12 900*													32.0
34.0	51.9	89.6	11 100*	58.0	92.1	12 800*	61.4	93.2	12 900*													34.0
36.0	48.9	87.9	10 500*	55.2	90.8	12 100*	58.7	92.0	12 800*													36.0
38.0	45.7	86.0	9 900*	52.3	89.3	11 400*	55.9	90.8	12 300*													38.0
40.0	42.3	84.0	9 300*	49.2	87.7	10 700*	53.0	89.3	11 600*	58.9	91.1	11 000										40.0
42.0	38.6	81.6	8 700*	46.0	85.9	10 100*	50.0	87.7	11 000*	56.1	89.9	10 300										42.0
44.0	34.7	78.9	8 200*	42.7	83.8	9 500*	46.9	86.0	10 300*	53.2	88.5	9 800										44.0
46.0	30.3	75.8	7 700*	39.1	81.5	8 900*	43.6	84.0	9 700*	50.2	86.9	9 200	56.2	88.6	7 800							46.0
48.0	25.3	72.0	7 300*	35.2	78.9	8 400*	40.0	81.7	9 100*	47.1	85.1	8 800	53.3	87.1	7 300							48.0
50.0	19.1	67.1	6 900*	30.9	75.8	7 900*	36.2	79.2	8 600*	43.8	83.2	8 300	50.3	85.6	6 900							50.0
52.0			6 900*	25.9	72.1	7 500*	32.1	76.3	8 100*	40.3	80.9	7 900	47.2	83.8	6 500							52.0
54.0				19.9	67.4	7 000*	27.3	72.7	7 600*	36.5	78.4	7 500	43.9	81.9	6 200	50.2	83.8	5 000				54.0
56.0				11.1	60.2	6 700*	21.6	68.3	7 200*	32.4	75.5	7 100	40.4	79.6	5 900	47.0	82.0	4 700				56.0
58.0										27.7	72.0	6 800	36.6	77.1	5 600	43.7	80.1	4 400				58.0
60.0										22.1	67.7	6 500	32.5	74.2	5 300	40.2	77.9	4 100	46.6	79.8	3 100	60.0
62.0										14.6	61.7	6 200	27.8	70.8	5 000	36.4	75.3	3 900	43.3	77.8	2 900	62.0
64.0													22.2	66.5	4 800	32.3	72.4	3 700	39.7	75.5	2 700	64.0
66.0													14.8	60.5	4 600	27.5	68.9	3 500	35.9	73.0	2 500	66.0
68.0																21.9	64.6	3 300	31.7	70.0	2 300	68.0
70.0																14.4	58.5	3 100	26.9	66.4	2 100	70.0
72.0																			21.1	61.9	2 000	72.0
74.0																			13.1	55.4	1 900	74.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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			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	75.6	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	11 000*													34.0
36.0	51.7	91.9	9 500*	57.5	94.5	11 000*	60.7	95.6	10 900*													36.0
38.0	48.9	90.2	8 900*	54.8	93.1	10 300*	58.2	94.4	10 800*													38.0
40.0	45.9	88.4	8 300*	52.1	91.7	9 700*	55.5	93.1	10 600*	60.9	94.7	9 900*										40.0
42.0	42.7	86.3	7 800*	49.2	90.0	9 100*	52.8	91.6	9 900*	58.3	93.5	9 900										42.0
44.0	39.3	84.0	7 300*	46.2	88.2	8 500*	50.0	90.0	9 300*	55.7	92.2	9 500										44.0
46.0	35.7	81.4	6 800*	43.1	86.2	7 900*	47.0	88.3	8 700*	53.0	90.8	9 000										46.0
48.0	31.7	78.4	6 400*	39.7	83.9	7 500*	43.9	86.3	8 100*	50.2	89.2	8 500	55.8	90.9	7 000							48.0
50.0	27.2	74.9	6 000*	36.1	81.3	7 000*	40.6	84.1	7 600*	47.2	87.4	8 000	53.0	89.5	6 600							50.0
52.0	21.9	70.5	5 500*	32.2	78.4	6 500*	37.1	81.6	7 100*	44.1	85.5	7 600	50.2	87.9	6 300							52.0
54.0	14.8	64.4	5 000*	27.8	74.9	6 100*	33.3	78.8	6 700*	40.9	83.3	7 200	47.3	86.1	5 900							54.0
56.0				22.6	70.7	5 600*	29.0	75.5	6 200*	37.3	80.8	6 900	44.2	84.2	5 600	50.1	86.1	4 400				56.0
58.0				15.8	64.9	5 100*	24.0	71.5	5 700*	33.5	78.0	6 500	40.9	82.0	5 300	47.1	84.4	4 200				58.0
60.0							17.8	66.2	5 300*	29.3	74.7	6 200	37.4	79.5	5 000	44.0	82.4	3 900				60.0
62.0										24.4	70.8	5 800	33.6	76.7	4 800	40.8	80.2	3 600				62.0
64.0										29.4	73.5	5 300*	29.4	73.5	4 500	37.3	77.7	3 400	43.6	80.1	2 400	64.0
66.0													24.5	69.5	4 300	33.4	74.9	3 200	40.3	77.9	2 200	66.0
68.0													18.5	64.5	4 100	29.2	71.6	3 000	36.8	75.4	2 100	68.0
70.0													9.2	56.3	3 900	24.2	67.6	2 900	32.9	72.5	1 900	70.0
72.0																18.1	62.5	2 700				72.0

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 51.8m (170 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	58.4	72.4	40 500*b																			15.2
16.0	55.8	71.9	39 800*b																			16.0
18.0	49.1	70.3	37 800*b																			18.0
20.0	41.5	68.4	33 700*	57.4	71.8	31 900b																20.0
22.0	32.6	65.7	30 000*	50.8	70.3	29 200b	59.6	71.8	27 300b													22.0
24.0	20.5	61.7	26 000*	43.5	68.5	26 800	53.1	70.4	25 000b													24.0
26.0				35.0	66.0	24 900	46.1	68.7	23 100	60.8	71.0	20 500b										26.0
28.0				24.1	62.5	23 200	38.0	66.5	21 500	54.5	69.7	18 900b										28.0
30.0							28.2	63.5	20 100	47.5	68.1	17 600										30.0
32.0							12.8	58.1	18 900	39.8	66.0	16 500										32.0
34.0										30.4	63.1	15 500	48.6	66.9	13 400b							34.0
36.0										17.0	58.6	14 600	41.0	64.9	12 600							36.0
38.0													31.9	62.2	11 800							38.0
40.0													19.5	58.0	11 200							40.0
42.0																41.6	63.3	9 500				42.0
44.0																32.7	60.7	8 900				44.0
46.0																20.7	56.7	8 400	41.5	61.1	7 000	46.0
48.0																			32.6	58.5	6 600	48.0
																			20.6	54.5	6 200	48.0

### 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	37 500*b																			15.2
16.0	60.6	75.5	36 800*b																			16.0
18.0	55.0	74.2	35 000*																			18.0
20.0	49.0	72.6	33 200*	61.9	75.3	31 200b																20.0
22.0	42.5	70.7	29 800*	56.4	74.1	28 500b	63.7	75.2	26 600b													22.0
24.0	35.0	68.2	26 800*	50.6	72.6	26 200	58.3	74.1	24 400b													24.0
26.0	25.6	64.8	24 300*	44.2	70.8	24 300	52.6	72.7	22 500													26.0
28.0				37.0	68.5	22 500	46.4	71.0	20 900	59.4	73.3	18 400b										28.0
30.0				28.2	65.3	21 100	39.5	68.9	19 500	53.8	72.0	17 100										30.0
32.0				15.6	60.4	19 900	31.4	66.1	18 300	47.7	70.4	16 000										32.0
34.0							20.7	62.0	17 200	41.0	68.3	15 000	54.6	70.8	13 000							34.0
36.0										33.2	65.7	14 100	48.7	69.2	12 100							36.0
38.0										23.3	62.0	13 300	42.0	67.2	11 400							38.0
40.0													34.4	64.7	10 700							40.0
42.0													24.9	61.2	10 100	49.1	67.6	9 100	42.6	65.6	8 500	42.0
44.0													8.6	54.6	9 700	35.1	63.1	8 000	25.8	59.7	7 600	44.0
46.0																						46.0
48.0																						48.0
50.0																						50.0
																						50.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 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	33 300*b																			16.0
18.0	59.4	77.8	31 700*																			18.0
20.0	54.4	76.5	30 200*	65.3	78.7	30 800b																20.0
22.0	49.0	74.9	28 700*	60.6	77.7	28 200b																22.0
24.0	43.2	73.0	26 500*	55.6	76.5	25 900	62.2	77.6	24 200b													24.0
26.0	36.7	70.6	24 300*	50.4	74.9	24 000	57.3	76.5	22 300													26.0
28.0	29.0	67.5	22 300*	44.8	73.1	22 300	52.2	75.1	20 700													28.0
30.0	18.7	63.0	20 100*	38.5	70.9	20 800	46.7	73.3	19 300	58.3	75.7	17 000										30.0
32.0				31.1	68.0	19 500	40.7	71.3	18 100	53.3	74.3	15 800										32.0
34.0				21.7	64.0	18 400	33.8	68.6	17 000	47.9	72.7	14 800										34.0
36.0							25.3	65.1	16 000	41.9	70.7	13 900	54.0	73.1	12 000							36.0
38.0							12.3	59.2	15 200	35.2	68.2	13 100	48.7	71.5	11 300							38.0
40.0										27.2	64.9	12 400	42.9	69.6	10 600							40.0
42.0										15.7	59.8	11 800	36.3	67.2	10 000	49.1	69.9	8 400				42.0
44.0													28.5	64.0	9 500	43.3	68.0	7 900				44.0
46.0													17.9	59.3	9 000	36.8	65.6	7 500				46.0
48.0																29.2	62.5	7 100	43.3	65.8	5 700	48.0
50.0																18.9	58.0	6 700	36.8	63.4	5 400	50.0
52.0																			29.1	60.3	5 100	52.0
54.0																			18.8	55.8	4 800	54.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 51.8m (170 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.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	
13.7	71.5	83.1	32 000* <sup>b</sup>																			13.7
14.0	70.9	83.0	31 900* <sup>b</sup>																			14.0
16.0	66.9	82.2	31 100* <sup>b</sup>																			16.0
18.0	62.7	81.3	29 400*																			18.0
20.0	58.4	80.2	28 000*	67.9	82.0	30 200 <sup>b</sup>																20.0
22.0	53.8	78.8	26 600*	63.8	81.1	27 600 <sup>b</sup>																22.0
24.0	49.0	77.2	25 200*	59.5	80.1	25 400	65.2	81.0	23 600													24.0
26.0	43.8	75.3	23 400*	55.0	78.8	23 500	60.9	80.0	21 800													26.0
28.0	38.1	73.0	21 500*	50.3	77.2	21 800	56.5	78.8	20 200													28.0
30.0	31.5	70.2	19 800*	45.2	75.4	20 300	51.9	77.4	18 900													30.0
32.0	23.4	66.3	18 300*	39.6	73.2	19 000	47.0	75.6	17 600	57.4	78.0	15 400										32.0
34.0				33.3	70.5	17 900	41.6	73.6	16 500	52.9	76.6	14 400										34.0
36.0				25.6	67.0	16 900	35.5	71.1	15 500	48.0	75.0	13 500										36.0
38.0				14.7	61.5	16 100	28.4	67.9	14 700	42.7	73.0	12 700	53.5	75.4	10 900							38.0
40.0							19.1	63.3	14 000	36.8	70.6	12 000	48.7	73.8	10 200							40.0
42.0										30.0	67.6	11 300	43.5	71.9	9 600							42.0
44.0										21.3	63.4	10 800	37.7	69.6	9 100	49.1	72.2	7 500				44.0
46.0													31.1	66.6	8 600	43.9	70.3	7 100				46.0
48.0													22.7	62.7	8 200	38.2	68.0	6 700				48.0
50.0													8.9	55.7	7 800	31.6	65.1	6 300	43.9	68.1	5 000	50.0
52.0																23.5	61.3	6 000	38.1	65.8	4 700	52.0
54.0																31.6	62.9	4 400	31.6	62.9	4 400	54.0
56.0																23.4	59.1	4 200	23.4	59.1	4 200	56.0

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY 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	25 900*b																20.0
22.0	57.6	82.5	23 400*	66.3	84.5	25 400*																22.0
24.0	53.4	81.1	22 500*	62.5	83.5	24 800																24.0
26.0	49.0	79.5	21 500*	58.6	82.4	23 100	63.8	83.5	21 500													26.0
28.0	44.3	77.7	20 500*	54.5	81.1	21 500	59.9	82.4	19 900													28.0
30.0	39.2	75.4	18 900*	50.2	79.5	20 000	55.9	81.1	18 600													30.0
32.0	33.4	72.7	17 600*	45.5	77.7	18 800	51.7	79.7	17 400													32.0
34.0	26.6	69.2	16 400*	40.5	75.6	17 600	47.1	77.9	16 300	56.7	80.4	14 200										34.0
36.0	17.5	64.3	15 400*	35.0	73.0	16 600	42.3	75.9	15 300	52.5	78.9	13 300										36.0
38.0				28.4	69.8	15 700	36.9	73.5	14 500	48.1	77.3	12 500										38.0
40.0				20.1	65.3	15 000	30.8	70.5	13 700	43.3	75.3	11 800										40.0
42.0							23.3	66.6	13 000	38.0	73.0	11 200	53.1	77.7	10 000							42.0
44.0							11.9	60.3	12 500	32.1	70.1	10 600	48.7	76.1	9 500							44.0
46.0										24.9	66.5	10 100	44.0	74.2	8 900							46.0
48.0										14.9	60.9	9 600	38.9	71.9	8 500	49.1	74.5	7 000				48.0
50.0													33.0	69.2	8 000	44.4	72.6	6 600				50.0
52.0													26.1	65.7	7 600	39.3	70.4	6 200				52.0
54.0													16.7	60.6	7 300	33.5	67.6	5 900	44.4	70.4	4 600	54.0
56.0																26.7	64.2	5 600	39.2	68.2	4 300	56.0
58.0																17.6	59.3	5 300	33.5	65.5	4 100	58.0
60.0																			26.6	62.0	3 800	60.0
																			17.5	57.1	3 700	60.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

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

JIB OPER. RAD. DEG. 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. DEG. 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	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	23 700*																22.0
24.0	56.9	84.9	20 800*	65.0	86.9	23 300*																24.0
26.0	53.1	83.5	19 900*	61.5	85.9	22 400	66.1	86.8	21 000													26.0
28.0	49.0	81.8	18 900*	57.8	84.8	21 000	62.7	85.9	19 500													28.0
30.0	44.7	80.0	18 100*	54.0	83.4	19 600	59.1	84.7	18 100													30.0
32.0	40.1	77.8	17 000*	50.1	81.8	18 300	55.3	83.5	16 900													32.0
34.0	34.9	75.2	15 800*	45.8	80.0	17 200	51.4	82.0	15 900	59.8	83.9	13 800										34.0
36.0	29.0	72.0	14 800*	41.3	77.9	16 200	47.3	80.3	14 900	56.1	82.7	12 900										36.0
38.0	21.7	67.7	13 900*	36.3	75.5	15 300	42.9	78.3	14 100	52.2	81.2	12 100										38.0
40.0				30.6	72.4	14 500	38.0	75.9	13 300	48.2	79.6	11 400	56.6	81.5	9 700							40.0
42.0				23.7	68.5	13 800	32.6	73.1	12 600	43.8	77.6	10 800	52.8	80.1	9 100							42.0
44.0				14.1	62.7	13 200	26.3	69.5	12 000	39.1	75.4	10 200	48.8	78.4	8 600							44.0
46.0							17.9	64.6	11 400	33.8	72.7	9 700	44.5	76.5	8 100							46.0
48.0										27.6	69.3	9 200	39.8	74.3	7 600	49.1	76.8	6 200				48.0
50.0										19.9	64.8	8 800	34.6	71.7	7 200	44.8	74.9	5 900				50.0
52.0										28.6	68.4	6 900	28.6	68.4	6 900	40.2	72.7	5 500				52.0
54.0										21.2	64.1	6 600	21.2	64.1	6 600	35.0	70.1	5 200	44.8	72.7	4 000	54.0
56.0										9.2	56.7	6 300	9.2	56.7	6 300	29.1	66.9	4 900	40.1	70.6	3 700	56.0
58.0																21.8	62.7	4 700	35.0	68.0	3 500	58.0
60.0																			29.1	64.8	3 300	60.0
62.0																						62.0
64.0																						64.0



# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY 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			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	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	20 900*																24.0
26.0	56.3	87.2	18 300*	63.8	89.4	20 600*																26.0
28.0	52.8	85.8	17 500*	60.6	88.3	19 800*	64.9	89.3	19 300													28.0
30.0	49.0	84.1	16 700*	57.2	87.1	18 900*	61.7	88.2	18 000													30.0
32.0	45.1	82.3	16 000*	53.7	85.7	18 000*	58.3	87.1	16 800													32.0
34.0	40.8	80.1	15 200*	50.0	84.2	17 100	54.9	85.8	15 800													34.0
36.0	36.2	77.6	14 300*	46.1	82.4	16 100	51.2	84.3	14 800	59.0	86.3	12 800										36.0
38.0	30.9	74.6	13 400*	41.9	80.3	15 200	47.4	82.6	14 000	55.6	85.0	12 100										38.0
40.0	24.8	70.8	12 600*	37.4	77.9	14 400	43.4	80.6	13 200	52.0	83.6	11 300										40.0
42.0	16.6	65.5	12 000*	32.3	75.0	13 600	39.0	78.3	12 500	48.2	81.9	10 700	56.1	83.8	9 000							42.0
44.0				26.4	71.4	13 000	34.1	75.6	11 900	44.2	80.0	10 100	52.5	82.4	8 500							44.0
46.0				18.9	66.7	12 400	28.6	72.3	11 300	39.9	77.7	9 600	48.8	80.7	8 000							46.0
48.0							21.8	68.1	10 800	35.1	75.1	9 100	44.8	78.8	7 600							48.0
50.0							11.7	61.4	10 300	29.7	72.0	8 700	40.5	76.7	7 200	49.1	79.1	5 800				50.0
52.0										23.3	68.0	8 300	35.9	74.1	6 800	45.1	77.2	5 500				52.0
54.0										14.3	62.1	7 900	30.6	71.1	6 500	40.9	75.1	5 200				54.0
56.0													24.3	67.2	6 200	36.2	72.6	4 900	45.1	75.1	3 700	56.0
58.0													15.9	61.8	5 900	31.0	69.6	4 600	40.8	72.9	3 500	58.0
60.0																24.8	65.8	4 400	36.2	70.4	3 200	60.0
62.0																16.7	60.5	4 200	31.0	67.4	3 000	62.0
64.0																			24.8	63.6	2 900	64.0
66.0																			16.6	58.3	2 700	66.0

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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			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	74.8	95.4	19 400*																			15.2
16.0	73.7	95.2	19 300*																			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	18 100*																24.0
26.0	59.0	90.8	16 800*	65.8	92.7	18 000*																26.0
28.0	55.8	89.5	16 000*	62.8	91.8	17 800*	66.8	92.6	17 100*													28.0
30.0	52.5	88.1	15 200*	59.8	90.7	17 300*	63.9	91.7	17 100*													30.0
32.0	49.0	86.4	14 500*	56.6	89.4	16 500*	60.8	90.6	16 400													32.0
34.0	45.4	84.6	13 700*	53.3	88.0	15 600*	57.7	89.4	15 400													34.0
36.0	41.5	82.5	13 100*	49.9	86.5	14 900*	54.5	88.1	14 400	61.4	89.8	12 400										36.0
38.0	37.2	80.0	12 500*	46.3	84.7	14 200*	51.1	86.6	13 600	58.3	88.7	11 700										38.0
40.0	32.5	77.2	11 900*	42.5	82.6	13 500*	47.5	84.9	12 800	55.1	87.3	11 000										40.0
42.0	27.1	73.7	11 300*	38.3	80.3	12 800*	43.8	82.9	12 100	51.8	85.9	10 300										42.0
44.0	20.5	69.1	10 800*	33.7	77.5	12 200*	39.8	80.7	11 500	48.3	84.2	9 800	55.6	86.1	8 200							44.0
46.0				28.6	74.2	11 700*	35.4	78.1	10 900	44.6	82.3	9 200	52.3	84.7	7 700							46.0
48.0				22.3	70.0	11 100*	30.4	75.0	10 400	40.6	80.1	8 800	48.8	83.0	7 200							48.0
50.0				13.6	63.8	10 700*	24.6	71.1	9 900	36.3	77.6	8 300	45.1	81.2	6 800							50.0
52.0							17.0	65.9	9 500	31.5	74.6	7 900	41.2	79.0	6 400	49.1	81.4	5 100				52.0
54.0										25.8	70.9	7 500	36.9	76.6	6 100	45.4	79.5	4 800				54.0
56.0										18.8	66.1	7 200	32.2	73.7	5 800	41.5	77.4	4 500				56.0
58.0													26.7	70.1	5 500	37.3	75.0	4 300	45.4	77.4	3 100	58.0
60.0													20.0	65.5	5 300	32.6	72.1	4 100	41.5	75.2	2 900	60.0
62.0													9.3	57.8	5 100	27.2	68.6	3 800	37.2	72.8	2 700	62.0
64.0																20.6	64.1	3 600	32.5	69.9	2 500	64.0
66.0																			27.1	66.5	2 400	66.0
68.0																			20.5	61.9	2 200	68.0
70.0																			10.4	54.7	2 100	70.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY 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			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	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	15 500*																28.0
30.0	55.4	91.8	13 900*	62.0	94.2	15 300*	65.7	95.0	14 800*													30.0
32.0	52.3	90.4	13 200*	59.1	93.0	15 100*	62.9	94.1	14 700*													32.0
34.0	49.0	88.7	12 500*	56.1	91.8	14 300*	60.1	93.0	14 700*													34.0
36.0	45.6	86.9	11 800*	53.1	90.3	13 600*	57.1	91.8	14 300													36.0
38.0	42.0	84.8	11 200*	49.8	88.8	12 900*	54.1	90.4	13 400	60.7	92.2	11 500										38.0
40.0	38.1	82.4	10 600*	46.5	87.0	12 200*	51.0	88.9	12 600	57.7	91.0	10 800										40.0
42.0	33.8	79.7	10 100*	42.9	84.9	11 600*	47.6	87.2	11 900	54.7	89.7	10 200										42.0
44.0	29.0	76.4	9 600*	39.1	82.6	11 000*	44.2	85.2	11 300	51.6	88.2	9 600										44.0
46.0	23.3	72.3	9 100*	34.9	80.0	10 400*	40.4	83.0	10 700	48.3	86.5	9 100	55.2	88.4	7 500							46.0
48.0	15.8	66.7	8 700*	30.3	76.9	9 900*	36.4	80.5	10 200	44.9	84.6	8 600	52.1	87.0	7 100							48.0
50.0				24.9	73.0	9 400*	31.9	77.5	9 700	41.2	82.4	8 100	48.8	85.3	6 700							50.0
52.0				18.0	67.9	8 900*	26.8	74.0	9 300	37.2	80.0	7 800	45.4	83.5	6 300	52.3	85.3	5 000				52.0
54.0							20.6	69.4	8 900	32.9	77.1	7 400	41.8	81.4	6 000	49.1	83.7	4 700				54.0
56.0							11.5	62.5	8 500	27.9	73.7	7 000	37.8	79.0	5 700	45.7	81.8	4 400				56.0
58.0										22.0	69.4	6 700	33.5	76.2	5 400	42.0	79.7	4 200				58.0
60.0										13.8	63.2	6 500	28.7	72.9	5 100	38.1	77.4	3 900	45.6	79.7	2 800	60.0
62.0													22.9	68.7	4 900	33.9	74.6	3 700	42.0	77.6	2 600	62.0
64.0													15.3	62.9	4 700	29.1	71.4	3 500	38.1	75.2	2 400	64.0
66.0																23.4	67.3	3 300	33.8	72.5	2 200	66.0
68.0																16.0	61.7	3 100	29.0	69.2	2 100	68.0
70.0																			23.4	65.1	1 900	70.0
72.0																			15.9	59.5	1 800	72.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 51.8m (170 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
16.8	74.8	101.3	14 800*																			16.8
18.0	73.3	100.9	14 600*																			18.0
20.0	70.9	100.3	14 300*																			20.0
22.0	68.4	99.6	14 000*																			22.0
24.0	65.8	98.7	13 800*																			24.0
26.0	63.2	97.8	13 500*	69.0	99.3	13 500*																26.0
28.0	60.5	96.7	13 200*	66.5	98.5	13 300*																28.0
30.0	57.8	95.5	12 600*	63.9	97.6	13 200*																30.0
32.0	55.0	94.2	11 900*	61.2	96.5	13 000*	64.8	97.5	12 600*													32.0
34.0	52.1	92.7	11 200*	58.5	95.4	12 800*	62.1	96.5	12 500*													34.0
36.0	49.0	91.0	10 500*	55.7	94.1	12 200*	59.4	95.4	12 500*													36.0
38.0	45.8	89.2	9 900*	52.8	92.7	11 500*	56.7	94.1	12 400*													38.0
40.0	42.5	87.1	9 300*	49.8	91.1	10 900*	53.8	92.7	11 800*	60.0	94.6	10 400										40.0
42.0	38.8	84.8	8 800*	46.6	89.3	10 200*	50.8	91.2	11 100*	57.2	93.3	9 800										42.0
44.0	34.9	82.1	8 300*	43.3	87.3	9 600*	47.7	89.5	10 500*	54.4	92.0	9 300										44.0
46.0	30.6	79.0	7 800*	39.8	85.0	9 100*	44.5	87.5	9 900*	51.4	90.5	8 700	57.6	92.1	7 200							46.0
48.0	25.6	75.3	7 400*	35.9	82.4	8 500*	41.0	85.4	9 300*	48.4	88.8	8 300	54.8	90.8	6 700							48.0
50.0	19.5	70.5	6 900*	31.7	79.5	8 000*	37.3	82.9	8 800*	45.1	86.9	7 800	51.9	89.3	6 400							50.0
52.0				26.9	75.9	7 600*	33.2	80.1	8 200*	41.7	84.8	7 400	48.8	87.6	6 000							52.0
54.0				21.2	71.4	7 200*	28.6	76.7	7 800*	38.1	82.4	7 000	45.6	85.8	5 700							54.0
56.0				13.2	64.9	6 800*	23.3	72.6	7 300*	34.1	79.6	6 700	42.2	83.7	5 400	49.1	86.0	4 100				56.0
58.0							16.3	67.1	7 000*	29.6	76.4	6 400	38.6	81.3	5 100	45.9	84.1	3 800				58.0
60.0										24.4	72.5	6 100	34.7	78.7	4 800	42.5	82.1	3 600				60.0
62.0										17.9	67.3	5 800	30.3	75.5	4 500	38.9	79.8	3 400	45.8	82.0	2 300	62.0
64.0										7.0	58.3	5 600	25.2	71.7	4 300	35.0	77.1	3 200	42.5	79.9	2 100	64.0
66.0													19.0	66.8	4 100	30.6	74.0	2 900	38.9	77.6	1 900	66.0
68.0													9.4	58.9	4 000	25.7	70.3	2 800				68.0
70.0																19.6	65.5	2 600				70.0

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 51.8m (170 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	75.7	104.4	13 000*																16.8
18.0	74.3	104.1	12 900*																18.0
20.0	72.0	103.5	12 600*																20.0
22.0	69.7	102.8	12 300*																22.0
24.0	67.3	102.0	12 100*																24.0
26.0	64.9	101.1	11 800*	70.3	102.6	11 800*													26.0
28.0	62.4	100.2	11 600*	67.9	101.8	11 600*													28.0
30.0	59.9	99.1	11 300*	65.5	101.0	11 400*													30.0
32.0	57.3	97.8	10 800*	63.1	100.0	11 200*													32.0
34.0	54.6	96.5	10 100*	60.5	98.9	11 100*	63.9	99.9	10 800*										34.0
36.0	51.9	95.0	9 500*	58.0	97.7	10 900*	61.4	98.9	10 700*										36.0
38.0	49.0	93.3	9 000*	55.3	96.4	10 500*	58.9	97.7	10 600*										38.0
40.0	46.0	91.5	8 400*	52.6	95.0	9 900*	56.2	96.4	10 400*	61.9	98.0	9 700*							40.0
42.0	42.9	89.5	7 800*	49.7	93.4	9 200*	53.5	95.0	10 100*	59.4	96.9	9 500							42.0
44.0	39.5	87.2	7 300*	46.8	91.6	8 700*	50.7	93.5	9 500*	56.8	95.7	9 000							44.0
46.0	35.9	84.6	6 900*	43.7	89.6	8 100*	47.8	91.8	8 900*	54.1	94.3	8 500							46.0
48.0	31.9	81.6	6 400*	40.4	87.4	7 600*	44.7	89.8	8 300*	51.3	92.8	8 000							48.0
50.0	27.4	78.1	6 000*	36.8	84.9	7 100*	41.5	87.7	7 800*	48.4	91.1	7 600	54.5	93.1	6 100				50.0
52.0	22.2	73.8	5 500*	33.0	82.0	6 600*	38.1	85.3	7 300*	45.4	89.2	7 200	51.7	91.6	5 700				52.0
54.0	15.3	67.9	5 100*	28.6	78.6	6 200*	34.3	82.6	6 800*	42.2	87.1	6 800	48.8	89.9	5 400				54.0
56.0				23.6	74.6	5 700*	30.2	79.4	6 400*	38.8	84.8	6 400	45.8	88.1	5 100				56.0
58.0				17.3	69.2	5 200*	25.4	75.6	5 900*	35.1	82.1	6 100	42.7	86.0	4 800	49.1	88.3	3 600	58.0
60.0							19.6	70.8	5 400*	31.0	79.0	5 800	39.3	83.7	4 500	46.1	86.4	3 300	60.0
62.0							11.3	63.6	4 900*	26.4	75.4	5 500	35.6	81.1	4 300	42.9	84.4	3 100	62.0
64.0										20.9	70.8	5 300	31.6	78.1	4 100	39.5	82.1	2 900	64.0
66.0										13.4	64.4	5 000	27.1	74.6	3 800	35.9	79.5	2 700	66.0
68.0													21.8	70.2	3 700	32.0	76.6	2 500	68.0
70.0													14.7	64.1	3 500	27.5	73.1	2 400	70.0
72.0																22.3	68.8	2 200	72.0
74.0																15.4	62.9	2 100	74.0

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 54.9m (180 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	58.7	75.5	39 700*b																			15.2
16.0	56.2	75.0	39 100*b																			16.0
18.0	49.4	73.5	36 600*b																			18.0
20.0	41.9	71.5	32 400*	58.6	75.0	31 000b																20.0
22.0	33.1	68.9	28 900*	52.1	73.7	28 300b																22.0
24.0	21.3	65.0	26 000*	44.9	71.9	26 100	54.9	73.8	24 200b													24.0
26.0				36.7	69.6	24 100	48.0	72.2	22 300b													26.0
28.0				26.4	66.3	22 500	40.3	70.2	20 700	57.0	73.2	18 000b										28.0
30.0							31.1	67.4	19 300	50.4	71.7	16 800b										30.0
32.0							18.2	63.0	18 200	43.0	69.8	15 600										32.0
34.0										34.4	67.3	14 700	52.2	70.6	12 500b							34.0
36.0										23.2	63.7	13 800	45.1	68.9	11 700							36.0
38.0													36.9	66.6	11 000							38.0
40.0													26.7	63.4	10 400							40.0
42.0																46.6	67.4	8 600				42.0
44.0																38.6	65.2	8 100				44.0
46.0																29.0	62.2	7 600				46.0
48.0																			39.6	63.2	5 700	48.0
50.0																			30.1	60.3	5 400	50.0
																			16.6	55.7	5 100	50.0

### 54.9m (180 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	63.0	79.0	36 700*b																			15.2
16.0	60.9	78.6	36 300*b																			16.0
18.0	55.3	77.3	34 400*																			18.0
20.0	49.4	75.8	31 600*	62.9	78.5	30 300b																20.0
22.0	42.9	73.9	28 700*	57.5	77.4	27 700b																22.0
24.0	35.4	71.4	25 800*	51.7	76.0	25 500	59.8	77.4	23 600b													24.0
26.0	26.2	68.0	23 300*	45.4	74.2	23 500	54.2	76.1	21 700													26.0
28.0				38.4	72.0	21 900	48.1	74.5	20 200													28.0
30.0				30.0	69.0	20 500	41.5	72.5	18 800	56.1	75.5	16 300										30.0
32.0				18.6	64.6	19 300	33.8	69.9	17 600	50.2	74.0	15 200										32.0
34.0							24.0	66.3	16 600	43.8	72.1	14 200										34.0
36.0										36.5	69.8	13 300	51.8	73.0	11 300							36.0
38.0										27.6	66.6	12 600	45.6	71.2	10 600							38.0
40.0													38.6	69.0	9 900							40.0
42.0													30.2	66.1	9 400							42.0
44.0													18.9	61.7	8 900	46.9	69.7	7 700				44.0
46.0																40.0	67.6	7 200				46.0
48.0																32.0	64.8	6 800				48.0
50.0																21.6	60.9	6 400				50.0
52.0																			40.8	65.6	5 000	52.0
																			33.0	62.9	4 700	52.0
																			23.0	59.1	4 400	52.0

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 54.9m (180 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	66.2	82.4	33 600* <sup>b</sup>																			15.2
16.0	64.3	82.0	33 000* <sup>b</sup>																			16.0
18.0	59.6	80.9	31 500* <sup>b</sup>																			18.0
20.0	54.6	79.6	30 000* <sup>b</sup>	66.1	81.9	30 000 <sup>b</sup>																20.0
22.0	49.3	78.1	27 700* <sup>b</sup>	61.5	80.9	27 400 <sup>b</sup>																22.0
24.0	43.6	76.2	25 500* <sup>b</sup>	56.6	79.7	25 200	63.4	80.9	23 300 <sup>b</sup>													24.0
26.0	37.1	73.8	23 400* <sup>b</sup>	51.4	78.3	23 300	58.6	79.8	21 500													26.0
28.0	29.5	70.8	21 400* <sup>b</sup>	45.8	76.5	21 600	53.6	78.5	20 000													28.0
30.0	19.4	66.4	19 700* <sup>b</sup>	39.7	74.4	20 200	48.2	76.8	18 600	60.2	79.1	16 100										30.0
32.0				32.6	71.6	19 000	42.3	74.9	17 400	55.3	77.8	15 100										32.0
34.0				23.7	67.9	17 900	35.7	72.4	16 400	50.1	76.3	14 100										34.0
36.0							27.8	69.2	15 400	44.4	74.5	13 200										36.0
38.0							16.7	64.3	14 600	38.0	72.2	12 500	51.5	75.3	10 500							38.0
40.0										30.6	69.2	11 800	46.0	73.5	9 900							40.0
42.0										21.0	65.1	11 100	39.8	71.4	9 300							42.0
44.0													32.8	68.6	8 800	47.1	72.0	7 100				44.0
46.0													24.0	64.9	8 300	41.1	69.9	6 700				46.0
48.0																34.3	67.3	6 300				48.0
50.0																25.9	63.9	6 000	41.8	67.9	4 600	50.0
52.0																			35.1	65.4	4 300	52.0
54.0																			27.0	62.1	4 000	54.0
56.0																			15.4	56.9	3 800	56.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 54.9m (180 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
13.7	71.7	86.2	31 200*b																			13.7
14.0	71.1	86.1	31 100*b																			14.0
16.0	67.1	85.3	30 700*b																			16.0
18.0	62.9	84.4	29 300*																			18.0
20.0	58.6	83.3	27 800*	68.6	85.2	29 300b																20.0
22.0	54.1	82.0	26 300*	64.5	84.3	26 800b																22.0
24.0	49.3	80.4	24 400*	60.3	83.3	24 600																24.0
26.0	44.1	78.5	22 500*	55.9	82.1	22 800	62.1	83.3	21 000													26.0
28.0	38.4	76.2	20 800*	51.2	80.6	21 100	57.7	82.1	19 500													28.0
30.0	31.9	73.4	19 300*	46.2	78.8	19 700	53.2	80.8	18 200													30.0
32.0	23.9	69.6	17 900*	40.7	76.7	18 500	48.3	79.1	17 000	59.2	81.5	14 600										32.0
34.0				34.5	74.1	17 400	43.0	77.2	15 900	54.7	80.2	13 700										34.0
36.0				27.2	70.8	16 400	37.2	74.8	15 000	49.9	78.6	12 800										36.0
38.0				17.2	65.9	15 600	30.5	71.8	14 100	44.8	76.8	12 000										38.0
40.0							21.9	67.8	13 400	39.2	74.5	11 300	51.3	77.6	9 500							40.0
42.0										32.8	71.8	10 700	46.3	75.8	8 900							42.0
44.0										25.0	68.2	10 200	40.8	73.7	8 400							44.0
46.0													34.7	71.1	7 900	47.3	74.3	6 300				46.0
48.0													27.4	67.8	7 500	42.0	72.3	6 000				48.0
50.0													17.5	63.0	7 200	36.0	69.8	5 600				50.0
52.0																29.0	66.7	5 300	42.6	70.2	4 000	52.0
54.0																19.9	62.2	5 000	36.7	67.8	3 700	54.0
56.0																			29.8	64.8	3 500	56.0
58.0																			21.0	60.6	3 300	58.0



# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 54.9m (180 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	73.4	89.4	25 500*b																			13.7
14.0	72.9	89.3	25 400*b																			14.0
16.0	69.3	88.6	24 800*b																			16.0
18.0	65.6	87.8	24 200*																			18.0
20.0	61.7	86.8	23 600*	70.7	88.5	25 400*b																20.0
22.0	57.8	85.6	23 100*	67.0	87.7	25 000*b																22.0
24.0	53.6	84.3	22 400*	63.2	86.8	24 200																24.0
26.0	49.3	82.7	21 200*	59.3	85.7	22 500	64.8	86.7	20 700													26.0
28.0	44.6	80.8	19 700*	55.3	84.4	20 900	61.0	85.7	19 200													28.0
30.0	39.5	78.6	18 400*	51.0	82.9	19 500	57.0	84.5	17 900													30.0
32.0	33.8	75.9	17 100*	46.4	81.1	18 200	52.8	83.1	16 700													32.0
34.0	27.0	72.5	16 000*	41.5	79.0	17 100	48.4	81.4	15 700	58.3	83.8	13 400										34.0
36.0	18.1	67.7	15 100*	36.0	76.6	16 100	43.6	79.5	14 800	54.2	82.5	12 600										36.0
38.0				29.7	73.5	15 300	38.4	77.2	13 900	49.9	80.9	11 900										38.0
40.0				21.9	69.3	14 500	32.5	74.4	13 200	45.2	79.1	11 200	55.3	81.4	9 300							40.0
42.0							25.5	70.8	12 500	40.2	76.9	10 500	51.1	79.9	8 700							42.0
44.0							15.7	65.5	11 900	34.6	74.3	10 000	46.5	78.1	8 200							44.0
46.0										28.0	71.0	9 500	41.6	76.0	7 800	51.9	78.3	6 200				46.0
48.0										19.5	66.4	9 000	36.2	73.6	7 400	47.5	76.6	5 800				48.0
50.0													29.9	70.5	7 000	42.6	74.6	5 500				50.0
52.0													22.1	66.4	6 600	37.3	72.2	5 200				52.0
54.0																31.2	69.3	4 900	43.2	72.6	3 600	54.0
56.0																23.8	65.4	4 600	37.9	70.2	3 400	56.0
58.0																			31.9	67.4	3 200	58.0
60.0																			24.7	63.7	3 000	60.0
62.0																			14.6	58.1	2 800	62.0

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 54.9m (180 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	74.8	92.6	23 900*																			13.7
14.0	74.3	92.5	23 800*b																			14.0
16.0	71.1	91.9	23 300*b																			16.0
18.0	67.7	91.1	22 800*																			18.0
20.0	64.3	90.2	22 300*																			20.0
22.0	60.7	89.2	21 700*	69.0	91.0	23 100*																22.0
24.0	57.1	88.0	20 800*	65.6	90.1	23 000*																24.0
26.0	53.3	86.6	19 800*	62.1	89.2	22 000	67.0	90.0	20 200													26.0
28.0	49.2	85.0	18 900*	58.5	88.0	20 400	63.6	89.1	18 700													28.0
30.0	45.0	83.1	17 600*	54.8	86.7	19 000	60.0	88.1	17 500													30.0
32.0	40.3	80.9	16 500*	50.8	85.2	17 800	56.3	86.8	16 300													32.0
34.0	35.2	78.4	15 400*	46.6	83.4	16 700	52.5	85.4	15 300	61.2	87.3	13 000										34.0
36.0	29.4	75.2	14 400*	42.2	81.4	15 700	48.4	83.7	14 400	57.6	86.1	12 200										36.0
38.0	22.2	71.1	13 500*	37.3	79.0	14 800	44.1	81.8	13 500	53.8	84.8	11 500										38.0
40.0				31.7	76.1	14 100	39.4	79.6	12 800	49.8	83.2	10 800										40.0
42.0				25.1	72.4	13 400	34.1	76.9	12 100	45.5	81.4	10 200	54.8	83.7	8 400							42.0
44.0				16.3	67.1	12 800	28.1	73.6	11 500	41.0	79.3	9 600	50.9	82.2	7 900							44.0
46.0							20.4	69.1	10 900	35.9	76.7	9 100	46.7	80.4	7 400							46.0
48.0										30.2	73.7	8 600	42.3	78.4	7 000							48.0
50.0										23.2	69.7	8 200	37.4	76.0	6 600	47.6	78.9	5 100				50.0
52.0													31.9	73.1	6 300	43.2	76.9	4 800				52.0
54.0													25.3	69.4	6 000	38.4	74.6	4 500				54.0
56.0													16.5	64.2	5 700	33.0	71.8	4 300	43.7	74.9	3 000	56.0
58.0																26.7	68.3	4 000	38.9	72.6	2 800	58.0
60.0																18.6	63.6	3 800	33.6	69.9	2 600	60.0
62.0																			27.5	66.5	2 400	62.0
64.0																			19.6	61.9	2 300	64.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 54.9m (180 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
13.7	76.0	95.7	21 400*b																			13.7
14.0	75.6	95.6	21 400*b																			14.0
16.0	72.6	95.1	21 000*b																			16.0
18.0	69.5	94.4	20 700*																			18.0
20.0	66.4	93.6	20 300*																			20.0
22.0	63.2	92.6	19 900*																			22.0
24.0	59.9	91.5	19 200*	67.6	93.5	20 100*																24.0
26.0	56.5	90.3	18 300*	64.4	92.6	19 900*																26.0
28.0	52.9	88.9	17 500*	61.2	91.5	19 800*	65.8	92.5	18 600													28.0
30.0	49.2	87.3	16 700*	57.8	90.4	18 900	62.5	91.5	17 300													30.0
32.0	45.3	85.4	15 800*	54.3	89.0	17 600	59.2	90.4	16 200													32.0
34.0	41.1	83.3	14 800*	50.7	87.5	16 600	55.8	89.1	15 200													34.0
36.0	36.4	80.8	13 900*	46.8	85.7	15 600	52.2	87.7	14 300	60.3	89.7	12 100										36.0
38.0	31.2	77.8	13 100*	42.7	83.7	14 700	48.5	86.0	13 500	56.9	88.5	11 400										38.0
40.0	25.1	74.1	12 300*	38.3	81.4	13 900	44.5	84.1	12 700	53.4	87.1	10 700										40.0
42.0	17.1	68.9	11 700*	33.3	78.6	13 200	40.2	81.9	12 000	49.7	85.5	10 100										42.0
44.0				27.6	75.2	12 600	35.5	79.4	11 400	45.8	83.7	9 600	54.4	86.0	7 800							44.0
46.0				20.5	70.7	12 000	30.1	76.3	10 900	41.6	81.6	9 000	50.8	84.5	7 400							46.0
48.0							23.7	72.3	10 300	37.1	79.2	8 600	46.9	82.7	7 000							48.0
50.0							15.0	66.6	9 900	32.0	76.3	8 200	42.8	80.7	6 600							50.0
52.0										26.0	72.6	7 800	38.4	78.4	6 200	47.7	81.2	4 800				52.0
54.0										18.3	67.7	7 400	33.4	75.6	5 900	43.7	79.2	4 500				54.0
56.0													27.7	72.2	5 600	39.3	77.0	4 300				56.0
58.0													20.7	67.8	5 300	34.5	74.3	4 000				58.0
60.0																29.0	71.1	3 800	44.1	77.2	2 800	60.0
62.0																22.3	66.9	3 600	39.8	75.0	2 600	62.0
64.0																12.6	60.5	3 400	23.1	69.2	2 200	64.0
66.0																			23.1	65.2	2 000	66.0
68.0																			14.0	59.2	1 900	68.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 54.9m (180 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	75.0	98.5	18 700* <sup>b</sup>																			15.2
16.0	73.8	98.3	18 500* <sup>b</sup>																			16.0
18.0	71.0	97.6	18 200*																			18.0
20.0	68.2	96.9	17 900*																			20.0
22.0	65.2	96.0	17 600*																			22.0
24.0	62.2	95.0	17 300*	69.3	96.7	17 500*																24.0
26.0	59.2	93.9	16 700*	66.4	95.9	17 400*																26.0
28.0	56.0	92.6	16 000*	63.4	95.0	17 200*																28.0
30.0	52.7	91.2	15 200*	60.4	93.9	17 100*	64.6	94.9	16 600*													30.0
32.0	49.2	89.6	14 500*	57.2	92.7	16 600*	61.6	93.9	15 800													32.0
34.0	45.6	87.7	13 800*	54.0	91.3	15 800*	58.5	92.8	14 800													34.0
36.0	41.7	85.6	13 100*	50.6	89.8	15 000*	55.3	91.5	13 900													36.0
38.0	37.5	83.2	12 500*	47.0	88.0	14 300*	52.0	90.0	13 100	59.6	92.1	11 000										38.0
40.0	32.8	80.4	11 900*	43.2	86.0	13 600	48.5	88.3	12 300	56.4	90.8	10 400										40.0
42.0	27.4	76.9	11 200*	39.1	83.8	12 800	44.8	86.4	11 600	53.1	89.4	9 800										42.0
44.0	20.9	72.5	10 700*	34.6	81.1	12 200	40.9	84.3	11 000	49.7	87.8	9 200										44.0
46.0				29.6	77.9	11 600	36.6	81.8	10 500	46.1	86.0	8 700	54.0	88.3	7 000							46.0
48.0				23.6	73.9	11 100	31.8	78.8	10 000	42.2	83.9	8 200	50.6	86.8	6 600							48.0
50.0				15.6	68.3	10 600	26.2	75.2	9 500	38.0	81.6	7 800	47.1	85.0	6 300							50.0
52.0							19.3	70.5	9 100	33.4	78.8	7 400	43.3	83.0	5 900	51.3	85.2	4 500				52.0
54.0										28.2	75.4	7 100	39.2	80.8	5 600	47.8	83.5	4 200				54.0
56.0										21.8	71.1	6 700	34.7	78.1	5 300	44.1	81.6	3 900				56.0
58.0													29.7	74.9	5 000	40.0	79.3	3 700				58.0
60.0													23.7	70.9	4 700	35.7	76.8	3 400	44.5	79.5	2 300	60.0
62.0													15.8	65.4	4 500	30.8	73.7	3 200	40.5	77.3	2 100	62.0
64.0																25.0	69.9	3 000	36.2	74.8	1 900	64.0
66.0																17.6	64.8	2 900				66.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 54.9m (180 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	76.0	101.6	16 600* <sup>b</sup>																15.2
16.0	74.9	101.4	16 400* <sup>b</sup>																16.0
18.0	72.3	100.8	16 100*																18.0
20.0	69.7	100.1	15 800*																20.0
22.0	67.0	99.3	15 500*																22.0
24.0	64.2	98.4	15 300*																24.0
26.0	61.4	97.4	15 000*	68.0	99.2	15 100*													26.0
28.0	58.5	96.3	14 700*	65.3	98.4	15 000*													28.0
30.0	55.5	95.0	13 900*	62.5	97.4	14 900*	66.4	98.3	14 300*										30.0
32.0	52.4	93.5	13 200*	59.6	96.3	14 700*	63.7	97.4	14 300*										32.0
34.0	49.2	91.9	12 500*	56.7	95.0	14 500*	60.8	96.3	14 200										34.0
36.0	45.8	90.0	11 900*	53.6	93.6	13 700*	57.9	95.1	13 700										36.0
38.0	42.2	88.0	11 300*	50.5	92.1	13 000*	54.9	93.8	12 900										38.0
40.0	38.3	85.6	10 700*	47.1	90.3	12 300*	51.8	92.3	12 100	58.9	94.4	10 200							40.0
42.0	34.1	82.9	10 100*	43.6	88.4	11 700*	48.5	90.6	11 500	55.9	93.1	9 600							42.0
44.0	29.3	79.6	9 600*	39.8	86.1	11 100*	45.1	88.8	10 800	52.8	91.7	9 000							44.0
46.0	23.7	75.6	9 100*	35.7	83.5	10 500*	41.4	86.6	10 300	49.6	90.1	8 500	56.8	92.0	6 900				46.0
48.0	16.3	70.1	8 700*	31.2	80.5	10 000*	37.5	84.2	9 800	46.3	88.3	8 100	53.7	90.6	6 500				48.0
50.0				26.0	76.8	9 500*	33.2	81.4	9 300	42.7	86.3	7 600	50.5	89.1	6 100				50.0
52.0				19.5	72.1	9 000*	28.3	78.0	8 900	38.8	83.9	7 300	47.2	87.3	5 800				52.0
54.0							22.4	73.8	8 500	34.6	81.3	6 900	43.7	85.4	5 400	51.2	87.5	4 000	54.0
56.0							14.5	67.8	8 200	30.0	78.1	6 600	39.9	83.1	5 100	47.9	85.8	3 800	56.0
58.0										24.5	74.2	6 200	35.8	80.5	4 800	44.4	83.9	3 500	58.0
60.0										17.5	69.0	6 000	31.3	77.5	4 600	40.7	81.7	3 300	60.0
62.0													26.1	73.9	4 400	36.7	79.2	3 100	62.0
64.0													19.6	69.1	4 200	32.2	76.3	2 900	64.0
66.0																27.2	72.8	2 700	66.0
68.0																21.1	68.3	2 600	68.0
70.0																12.3	61.6	2 400	70.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 54.9m (180 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	74.9	104.4	14 300*																16.8
18.0	73.5	104.0	14 200*																18.0
20.0	71.0	103.4	13 900*																20.0
22.0	68.5	102.6	13 600*																22.0
24.0	65.9	101.8	13 400*																24.0
26.0	63.3	100.9	13 100*	69.5	102.5	13 100*													26.0
28.0	60.7	99.8	12 900*	66.9	101.7	13 000*													28.0
30.0	58.0	98.6	12 600*	64.4	100.8	12 800*													30.0
32.0	55.1	97.3	11 900*	61.7	99.8	12 700*	65.4	100.7	12 200*										32.0
34.0	52.2	95.8	11 200*	59.0	98.6	12 500*	62.8	99.8	12 200*										34.0
36.0	49.2	94.2	10 600*	56.2	97.4	12 300*	60.1	98.7	12 100*										36.0
38.0	46.0	92.3	10 000*	53.4	96.0	11 700*	57.4	97.5	12 100*										38.0
40.0	42.6	90.3	9 400*	50.4	94.4	11 000*	54.6	96.1	11 800*	61.0	97.9	9 800							40.0
42.0	39.0	88.0	8 800*	47.2	92.6	10 400*	51.6	94.6	11 100	58.3	96.8	9 200							42.0
44.0	35.1	85.3	8 300*	44.0	90.7	9 800*	48.6	92.9	10 500	55.5	95.5	8 700							44.0
46.0	30.8	82.3	7 800*	40.5	88.5	9 200*	45.3	91.1	9 900	52.6	94.0	8 200							46.0
48.0	25.9	78.6	7 400*	36.7	86.0	8 700*	41.9	89.0	9 400	49.6	92.4	7 700	56.3	94.3	6 100				48.0
50.0	19.8	73.8	7 000*	32.5	83.1	8 100*	38.3	86.6	9 000	46.4	90.6	7 300	53.4	92.9	5 800				50.0
52.0				27.9	79.6	7 700*	34.3	83.9	8 400*	43.1	88.6	6 900	50.4	91.4	5 400				52.0
54.0				22.3	75.4	7 200*	29.9	80.7	8 000*	39.5	86.3	6 600	47.3	89.6	5 100				54.0
56.0				15.0	69.4	6 900*	24.8	76.8	7 500*	35.7	83.7	6 200	44.0	87.7	4 800	51.0	89.8	3 500	56.0
58.0							18.4	71.8	7 100*	31.4	80.7	5 900	40.5	85.5	4 500	47.9	88.1	3 200	58.0
60.0										26.6	77.1	5 600	36.8	83.0	4 300	44.7	86.2	3 000	60.0
62.0										20.7	72.5	5 400	32.6	80.1	4 000	41.2	84.0	2 800	62.0
64.0										12.5	65.8	5 200	28.0	76.7	3 800	37.5	81.6	2 600	64.0
66.0													22.5	72.4	3 600	33.5	78.8	2 400	66.0
68.0													15.2	66.5	3 400	29.0	75.5	2 200	68.0
70.0																23.7	71.5	2 100	70.0
72.0																16.9	66.1	2 000	72.0

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 54.9m (180 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	75.8	107.5	12 600*																16.8
18.0	74.5	107.2	12 500*																18.0
20.0	72.2	106.6	12 200*																20.0
22.0	69.8	105.9	12 000*																22.0
24.0	67.4	105.1	11 700*																24.0
26.0	65.0	104.2	11 500*	70.7	105.7	11 400*													26.0
28.0	62.6	103.3	11 300*	68.4	105.0	11 300*													28.0
30.0	60.0	102.2	11 100*	66.0	104.2	11 100*													30.0
32.0	57.5	100.9	10 800*	63.5	103.2	11 000*													32.0
34.0	54.8	99.6	10 200*	61.0	102.2	10 800*	64.5	103.2	10 500*										34.0
36.0	52.0	98.1	9 500*	58.5	101.0	10 700*	62.1	102.1	10 500*										36.0
38.0	49.2	96.5	9 000*	55.8	99.7	10 500*	59.5	101.0	10 300*										38.0
40.0	46.2	94.7	8 400*	53.1	98.3	10 000*	56.9	99.8	10 300*										40.0
42.0	43.0	92.6	7 900*	50.3	96.7	9 400*	54.2	98.4	10 100*	60.4	100.3	8 900							42.0
44.0	39.7	90.4	7 400*	47.3	94.9	8 800*	51.5	96.9	9 700*	57.8	99.1	8 400							44.0
46.0	36.1	87.8	6 900*	44.3	93.0	8 200*	48.6	95.2	9 100*	55.1	97.8	7 900							46.0
48.0	32.1	84.8	6 400*	41.0	90.8	7 700*	45.6	93.4	8 500*	52.4	96.3	7 500							48.0
50.0	27.7	81.4	6 000*	37.5	88.4	7 200*	42.4	91.3	8 000*	49.6	94.7	7 000	55.9	96.7	5 500				50.0
52.0	22.5	77.1	5 600*	33.7	85.6	6 800*	39.0	89.0	7 500*	46.6	92.9	6 700	53.2	95.2	5 200				52.0
54.0	15.7	71.3	5 100*	29.5	82.3	6 300*	35.3	86.3	7 000*	43.5	90.9	6 300	50.3	93.7	4 800				54.0
56.0				24.6	78.4	5 900*	31.3	83.3	6 500*	40.1	88.7	6 000	47.4	91.9	4 500				56.0
58.0				18.6	73.4	5 300*	26.7	79.7	6 100*	36.6	86.2	5 700	44.3	90.0	4 300	50.9	92.1	3 000	58.0
60.0							21.3	75.2	5 600*	32.7	83.3	5 400	41.1	87.8	4 000	48.0	90.4	2 800	60.0
62.0							14.0	68.9	5 100*	28.3	79.9	5 100	37.6	85.4	3 800	45.0	88.5	2 600	62.0
64.0										23.2	75.7	4 900	33.8	82.6	3 600	41.7	86.4	2 400	64.0
66.0										16.8	70.2	4 700	29.6	79.4	3 300	38.3	84.0	2 200	66.0
68.0										24.7	75.5	3 200	24.7	75.5	3 200	34.6	81.3	2 000	68.0
70.0										18.7	70.4	3 000	18.7	70.4	3 000	30.5	78.2	1 900	70.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 57.9m (190 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	59.1	78.6	38 300*b																			15.2
16.0	56.5	78.1	37 300*b																			16.0
18.0	49.8	76.6	34 500*b																			18.0
20.0	42.3	74.7	31 600*	59.8	78.3	30 200b																20.0
22.0	33.6	72.1	28 500*	53.3	77.0	27 600b																22.0
24.0	22.1	68.3	25 600*	46.3	75.3	25 400	56.6	77.2	23 500b													24.0
26.0				38.3	73.1	23 500	49.9	75.7	21 600b													26.0
28.0				28.6	70.1	21 900	42.4	73.8	20 100	59.5	76.6	17 300b										28.0
30.0				13.6	64.9	20 700	33.7	71.2	18 800	53.1	75.3	16 100b										30.0
32.0							22.3	67.5	17 600	46.0	73.6	15 000										32.0
34.0										37.9	71.3	14 100	55.7	74.3	11 800b							34.0
36.0										28.1	68.3	13 200	48.9	72.7	11 100							36.0
38.0										12.6	62.9	12 500	41.3	70.7	10 400							38.0
40.0													32.4	68.1	9 800	51.2	71.3	7 900				40.0
42.0													20.2	64.0	9 200	43.9	69.4	7 500				42.0
44.0																35.5	67.0	7 000				44.0
46.0																24.7	63.6	6 600				46.0
48.0																			45.6	67.5	5 100	48.0
50.0																			37.5	65.3	4 700	50.0
																			27.5	62.1	4 400	50.0



# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 57.9m (190 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	63.3	82.1	35 400*b																			15.2
16.0	61.1	81.7	34 800*b																			16.0
18.0	55.6	80.4	32 600*b																			18.0
20.0	49.7	78.9	30 000*	63.9	81.7	29 500b																20.0
22.0	43.2	77.0	27 600*	58.5	80.6	27 000b																22.0
24.0	35.8	74.6	25 300*	52.8	79.3	24 800	61.2	80.7	22 900b													24.0
26.0	26.8	71.3	22 900*	46.7	77.6	23 000	55.7	79.5	21 100b													26.0
28.0				39.8	75.5	21 400	49.8	78.0	19 600													28.0
30.0				31.7	72.7	20 000	43.3	76.1	18 200	58.3	79.0	15 600b										30.0
32.0				21.2	68.7	18 800	35.9	73.7	17 100	52.6	77.6	14 600										32.0
34.0							26.9	70.4	16 100	46.4	75.9	13 600										34.0
36.0							13.2	64.9	15 200	39.5	73.7	12 800	54.9	76.6	10 600							36.0
38.0										31.3	70.9	12 000	48.9	75.0	10 000							38.0
40.0										20.6	66.8	11 400	42.3	73.1	9 400							40.0
42.0													34.8	70.6	8 800							42.0
44.0													25.4	67.1	8 300							44.0
46.0																44.5	71.8	6 600				46.0
48.0																37.4	69.5	6 200				48.0
50.0																28.7	66.4	5 800				50.0
52.0																16.5	61.6	5 500	39.1	67.6	4 000	52.0
54.0																			30.9	64.8	3 800	54.0
																			19.9	60.6	3 500	

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



## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 57.9m (190 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	
15.2	66.4	85.5	32 600*b																			15.2
16.0	64.6	85.1	32 200*b																			16.0
18.0	59.9	84.0	30 600*																			18.0
20.0	54.9	82.8	28 500*	67.0	85.1	29 200b																20.0
22.0	49.6	81.2	26 300*	62.3	84.2	26 700b																22.0
24.0	43.9	79.3	24 300*	57.5	83.0	24 600	64.7	84.2	22 600b													24.0
26.0	37.5	77.0	22 500*	52.4	81.6	22 700	59.9	83.1	20 900b													26.0
28.0	29.9	74.0	20 800*	46.9	79.9	21 200	55.0	81.8	19 400													28.0
30.0	20.0	69.7	19 300*	40.9	77.8	19 800	49.7	80.3	18 100													30.0
32.0				34.0	75.2	18 500	44.0	78.4	16 900	57.3	81.3	14 400										32.0
34.0				25.6	71.7	17 400	37.6	76.1	15 900	52.2	79.9	13 500										34.0
36.0				12.9	66.0	16 600	30.1	73.1	15 000	46.7	78.2	12 700										36.0
38.0							20.2	68.8	14 200	40.6	76.1	11 900	54.3	78.9	9 900							38.0
40.0										33.7	73.4	11 300	48.9	77.3	9 300							40.0
42.0										25.2	69.9	10 600	43.1	75.4	8 700							42.0
44.0										12.1	64.0	10 200	36.6	73.0	8 300							44.0
46.0													28.9	69.9	7 800	45.1	74.1	6 100				46.0
48.0													18.4	65.3	7 400	38.8	71.8	5 800				48.0
50.0																31.5	69.0	5 400				50.0
52.0																22.3	65.1	5 100				52.0
54.0																			40.3	70.0	3 700	54.0
56.0																			33.3	67.3	3 500	56.0
																			24.7	63.7	3 300	56.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 57.9m (190 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	
15.2	68.9	88.7	29 900* <sup>b</sup>																			15.2
16.0	67.3	88.4	29 500* <sup>b</sup>																			16.0
18.0	63.1	87.5	28 600*																			18.0
20.0	58.8	86.4	26 800*	69.4	88.4	28 600 <sup>b</sup>																20.0
22.0	54.3	85.1	25 000*	65.3	87.5	26 100 <sup>b</sup>																22.0
24.0	49.6	83.5	23 200*	61.1	86.5	24 000																24.0
26.0	44.4	81.6	21 500*	56.7	85.3	22 200	63.2	86.6	20 400													26.0
28.0	38.8	79.4	20 000*	52.1	83.9	20 700	58.9	85.5	18 900													28.0
30.0	32.3	76.6	18 500*	47.1	82.2	19 300	54.4	84.2	17 600													30.0
32.0	24.3	72.9	17 200*	41.8	80.2	18 000	49.6	82.6	16 500													32.0
34.0				35.7	77.7	16 900	44.5	80.7	15 500	56.5	83.6	13 100										34.0
36.0				28.7	74.5	16 000	38.8	78.5	14 500	51.9	82.2	12 200										36.0
38.0				19.5	70.0	15 200	32.4	75.7	13 700	46.9	80.5	11 500										38.0
40.0							24.5	72.0	13 000	41.5	78.4	10 800	53.7	81.2	8 900							40.0
42.0							12.6	66.0	12 400	35.5	75.9	10 200	48.9	79.6	8 300							42.0
44.0										28.3	72.7	9 700	43.7	77.7	7 800							44.0
46.0										19.0	68.1	9 200	38.0	75.4	7 400	50.5	78.2	5 800				46.0
48.0													31.4	72.5	7 000	45.5	76.4	5 400				48.0
50.0													23.2	68.6	6 600	39.9	74.2	5 100				50.0
52.0																33.6	71.5	4 800				52.0
54.0																26.1	68.0	4 500	46.6	74.4	3 400	54.0
56.0																15.4	62.8	4 300	35.1	69.8	2 900	56.0
58.0																			27.9	66.6	2 700	58.0
60.0																			18.4	61.9	2 500	60.0

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 57.9m (190 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	
15.2	70.9	92.0	24 500*b																			15.2
16.0	69.4	91.7	24 300*b																			16.0
18.0	65.8	90.9	23 700*																			18.0
20.0	61.9	89.9	23 200*																			20.0
22.0	58.0	88.7	22 700*	67.7	90.9	24 600*b																22.0
24.0	53.9	87.4	21 700*	63.9	90.0	23 700																24.0
26.0	49.5	85.8	20 300*	60.1	88.9	21 900	65.8	90.0	20 100													26.0
28.0	44.9	84.0	18 900*	56.0	87.7	20 300	62.0	89.0	18 700													28.0
30.0	39.8	81.8	17 700*	51.8	86.2	19 000	58.0	87.8	17 400													30.0
32.0	34.1	79.1	16 500*	47.3	84.5	17 800	53.9	86.5	16 200													32.0
34.0	27.4	75.7	15 500*	42.5	82.5	16 700	49.6	84.9	15 200	59.9	87.2	12 900										34.0
36.0	18.6	71.0	14 600*	37.1	80.1	15 800	44.9	83.0	14 300	55.8	86.0	12 100										36.0
38.0				31.0	77.1	14 900	39.8	80.9	13 500	51.6	84.5	11 300										38.0
40.0				23.5	73.2	14 100	34.2	78.2	12 800	47.1	82.8	10 700										40.0
42.0				12.5	67.1	13 500	27.5	74.8	12 100	42.2	80.8	10 100	53.3	83.5	8 200							42.0
44.0							18.8	70.2	11 600	36.9	78.3	9 500	48.9	81.9	7 700							44.0
46.0										30.7	75.3	9 000	44.2	80.0	7 300							46.0
48.0										23.2	71.4	8 600	39.1	77.8	6 900	50.4	80.5	5 300				48.0
50.0										11.8	65.1	8 300	33.3	75.0	6 500	45.8	78.7	4 900				50.0
52.0													26.4	71.6	6 200	40.8	76.6	4 600				52.0
54.0													17.2	66.6	5 900	35.3	74.0	4 400				54.0
56.0																28.8	70.8	4 100	42.0	74.7	2 800	56.0
58.0																20.6	66.5	3 900	36.6	72.2	2 600	58.0
60.0																			30.4	69.2	2 400	60.0
62.0																			22.7	65.2	2 300	62.0
64.0																			10.9	58.6	2 100	64.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 57.9m (190 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	72.5	95.2	22 600*b																			15.2
16.0	71.2	94.9	22 400*b																			16.0
18.0	67.9	94.2	21 900*																			18.0
20.0	64.5	93.3	21 400*																			20.0
22.0	60.9	92.3	20 800*	69.6	94.1	21 800*b																22.0
24.0	57.3	91.1	20 200*	66.2	93.3	21 700*																24.0
26.0	53.5	89.7	19 300*	62.8	92.4	21 500																26.0
28.0	49.5	88.1	18 100*	59.2	91.3	20 200	64.5	92.4	18 400													28.0
30.0	45.2	86.3	16 900*	55.5	90.0	18 800	61.0	91.4	17 200													30.0
32.0	40.6	84.1	15 800*	51.6	88.5	17 600	57.3	90.2	16 100													32.0
34.0	35.5	81.6	14 800*	47.4	86.8	16 500	53.5	88.8	15 100													34.0
36.0	29.7	78.4	14 000*	43.0	84.8	15 600	49.5	87.2	14 100	59.0	89.6	11 900										36.0
38.0	22.6	74.4	13 100*	38.2	82.5	14 700	45.3	85.4	13 400	55.3	88.3	11 200										38.0
40.0				32.8	79.7	13 900	40.7	83.2	12 600	51.4	86.8	10 500										40.0
42.0				26.5	76.2	13 200	35.6	80.7	12 000	47.3	85.1	9 900										42.0
44.0				18.2	71.3	12 600	29.8	77.5	11 300	42.8	83.1	9 400	53.0	85.8	7 600							44.0
46.0							22.7	73.5	10 800	38.0	80.7	8 900	48.9	84.2	7 100							46.0
48.0							12.2	67.1	10 400	32.6	77.9	8 400	44.6	82.3	6 700							48.0
50.0										26.2	74.4	8 000	40.0	80.1	6 400	50.3	82.8	4 800				50.0
52.0										17.8	69.4	7 700	34.8	77.5	6 000	46.1	81.0	4 500				52.0
54.0													28.9	74.3	5 700	41.5	78.9	4 300				54.0
56.0													21.5	70.1	5 400	36.6	76.4	4 000				56.0
58.0																30.9	73.4	3 800	42.6	77.0	2 500	58.0
60.0																24.1	69.6	3 600	37.7	74.7	2 300	60.0
62.0																14.7	63.9	3 300	32.3	71.8	2 100	62.0
64.0																			25.8	68.2	1 900	64.0
66.0																			17.3	63.1	1 800	66.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 57.9m (190 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	
15.2	73.9	98.4	20 200* <sup>b</sup>																			15.2
16.0	72.7	98.1	20 000* <sup>b</sup>																			16.0
18.0	69.7	97.5	19 700*																			18.0
20.0	66.5	96.7	19 300*																			20.0
22.0	63.4	95.7	18 900*																			22.0
24.0	60.1	94.7	18 400*	68.2	96.6	19 100*																24.0
26.0	56.7	93.4	18 100*	65.0	95.8	19 000*																26.0
28.0	53.1	92.0	17 200*	61.8	94.8	18 900*	66.6	95.7	17 900													28.0
30.0	49.4	90.4	16 200*	58.4	93.6	18 400	63.4	94.8	16 900													30.0
32.0	45.5	88.6	15 200*	55.0	92.3	17 200	60.1	93.7	15 700													32.0
34.0	41.3	86.5	14 300*	51.4	90.8	16 200	56.7	92.5	14 700													34.0
36.0	36.7	84.0	13 400*	47.6	89.1	15 200	53.2	91.1	13 800													36.0
38.0	31.5	81.0	12 600*	43.5	87.1	14 400	49.5	89.5	13 000	58.3	91.9	10 900										38.0
40.0	25.5	77.4	11 900*	39.1	84.9	13 600	45.6	87.7	12 300	54.8	90.6	10 300										40.0
42.0	17.6	72.3	11 400*	34.3	82.2	12 900	41.4	85.6	11 600	51.2	89.1	9 700										42.0
44.0				28.8	78.9	12 300	36.8	83.1	11 000	47.4	87.4	9 100										44.0
46.0				22.0	74.7	11 700	31.6	80.1	10 500	43.3	85.4	8 600	52.7	88.2	6 900							46.0
48.0				12.1	68.2	11 200	25.6	76.5	10 000	38.9	83.1	8 200	48.9	86.5	6 500							48.0
50.0							17.7	71.4	9 600	34.1	80.4	7 800	45.0	84.7	6 100							50.0
52.0										28.5	77.1	7 400	40.7	82.5	5 800	50.2	85.1	4 300				52.0
54.0										21.7	72.8	7 000	36.1	80.0	5 500	46.3	83.3	4 000				54.0
56.0										11.5	66.1	6 700	30.8	77.0	5 200	42.1	81.2	3 800				56.0
58.0													24.6	73.1	4 900	37.6	78.9	3 500	47.2	81.3	2 300	58.0
60.0													16.3	67.8	4 700	32.6	76.0	3 300	43.1	79.4	2 100	60.0
62.0																26.8	72.5	3 100	38.7	77.0	1 900	62.0
64.0																19.4	67.8	2 900				64.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 57.9m (190 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	75.1	101.6	17 900* <sup>b</sup>																15.2
16.0	74.0	101.3	17 800* <sup>b</sup>																16.0
18.0	71.2	100.7	17 500*																18.0
20.0	68.3	100.0	17 200*																20.0
22.0	65.4	99.1	16 900*																22.0
24.0	62.4	98.1	16 500*																24.0
26.0	59.3	97.0	16 200*	66.9	99.1	16 600*													26.0
28.0	56.1	95.8	15 900*	64.0	98.2	16 600*													28.0
30.0	52.9	94.3	15 200*	60.9	97.2	16 400*	65.4	98.2	15 900*										30.0
32.0	49.4	92.7	14 500*	57.8	96.0	16 300*	62.4	97.2	15 300										32.0
34.0	45.8	90.9	13 700*	54.6	94.6	15 800	59.4	96.1	14 300										34.0
36.0	41.9	88.8	12 900*	51.2	93.1	14 900	56.2	94.8	13 500										36.0
38.0	37.7	86.4	12 200*	47.7	91.4	14 000	52.9	93.4	12 600	60.8	95.5	10 500							38.0
40.0	33.0	83.6	11 500*	43.9	89.5	13 200	49.4	91.8	11 900	57.7	94.3	9 900							40.0
42.0	27.7	80.2	10 900*	39.9	87.2	12 500	45.8	90.0	11 300	54.4	92.9	9 300							42.0
44.0	21.3	75.8	10 300*	35.5	84.6	11 900	41.9	87.9	10 700	51.1	91.4	8 800							44.0
46.0				30.6	81.6	11 300	37.7	85.5	10 100	47.5	89.7	8 300	55.7	91.9	6 500				46.0
48.0				24.8	77.8	10 800	33.1	82.7	9 600	43.7	87.7	7 800	52.4	90.5	6 100				48.0
50.0				17.3	72.6	10 300	27.8	79.3	9 200	39.7	85.5	7 400	48.9	88.8	5 800				50.0
52.0							21.3	74.9	8 800	35.3	82.9	7 000	45.3	87.0	5 500				52.0
54.0							12.0	68.2	8 400	30.3	79.8	6 700	41.4	84.8	5 100	50.1	87.4	3 700	54.0
56.0										24.5	75.9	6 400	37.1	82.4	4 800	46.5	85.6	3 400	56.0
58.0										16.9	70.6	6 100	32.4	79.5	4 600	42.7	83.6	3 200	58.0
60.0													27.0	76.0	4 300	38.5	81.2	3 000	60.0
62.0													20.3	71.4	4 100	34.0	78.5	2 800	62.0
64.0													10.0	64.0	3 900	28.8	75.2	2 600	64.0
66.0																22.7	71.1	2 400	66.0
68.0																14.1	65.1	2 300	68.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 57.9m (190 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	
16.8	74.0	104.3	15 700*																16.8
18.0	72.5	103.9	15 500*																18.0
20.0	69.8	103.2	15 300*																20.0
22.0	67.1	102.4	15 000*																22.0
24.0	64.4	101.5	14 700*																24.0
26.0	61.6	100.5	14 500*	68.5	102.4	14 600*													26.0
28.0	58.7	99.4	14 200*	65.8	101.6	14 400*													28.0
30.0	55.7	98.1	13 800*	63.0	100.6	14 300*													30.0
32.0	52.6	96.6	13 200*	60.2	99.5	14 200*	64.4	100.6	13 800*										32.0
34.0	49.4	95.0	12 500*	57.2	98.3	14 100*	61.6	99.6	13 700										34.0
36.0	46.0	93.2	11 900*	54.2	96.9	13 800*	58.7	98.4	13 300										36.0
38.0	42.4	91.1	11 300*	51.1	95.4	13 100*	55.7	97.2	12 500										38.0
40.0	38.5	88.8	10 700*	47.8	93.7	12 500*	52.6	95.7	11 800	60.1	97.8	9 700							40.0
42.0	34.3	86.1	10 200*	44.3	91.8	11 800*	49.4	94.1	11 100	57.1	96.6	9 100							42.0
44.0	29.6	82.9	9 700*	40.6	89.6	11 200*	46.0	92.3	10 500	54.1	95.2	8 600							44.0
46.0	24.0	78.9	9 200*	36.5	87.1	10 700*	42.4	90.2	9 900	50.9	93.7	8 100							46.0
48.0	16.8	73.5	8 800*	32.1	84.1	10 100*	38.6	87.9	9 400	47.6	92.0	7 700	55.3	94.2	6 000				48.0
50.0				27.0	80.6	9 600*	34.4	85.2	9 000	44.1	90.0	7 300	52.2	92.8	5 600				50.0
52.0				20.8	76.1	9 200*	29.6	82.0	8 600	40.4	87.8	6 900	49.0	91.1	5 300				52.0
54.0				11.9	69.3	8 800*	24.1	78.0	8 200	36.3	85.3	6 500	45.5	89.3	5 000				54.0
56.0							16.9	72.7	7 800	31.9	82.4	6 200	41.9	87.2	4 700	50.0	89.7	3 300	56.0
58.0										26.8	78.8	5 900	38.0	84.8	4 400	46.7	87.9	3 100	58.0
60.0										20.5	74.2	5 600	33.7	82.0	4 200	43.1	85.9	2 800	60.0
62.0										11.4	67.2	5 400	28.9	78.7	4 000	39.3	83.6	2 700	62.0
64.0													23.2	74.7	3 800	35.2	81.0	2 500	64.0
66.0													15.7	69.0	3 600	30.5	77.9	2 300	66.0
68.0																25.2	74.1	2 100	68.0
70.0																18.4	69.1	2 000	70.0



# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 57.9m (190 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	75.1	107.4	13 900*																16.8
18.0	73.6	107.1	13 700*																18.0
20.0	71.1	106.5	13 400*																20.0
22.0	68.6	105.7	13 200*																22.0
24.0	66.1	104.9	13 000*																24.0
26.0	63.5	104.0	12 700*	69.9	105.7	12 700*													26.0
28.0	60.8	102.9	12 500*	67.4	104.9	12 600*													28.0
30.0	58.1	101.7	12 300*	64.8	104.0	12 500*													30.0
32.0	55.3	100.4	11 900*	62.2	103.0	12 300*													32.0
34.0	52.4	98.9	11 200*	59.5	101.9	12 200*	63.5	103.0	11 800*										34.0
36.0	49.3	97.3	10 600*	56.8	100.6	12 000*	60.9	102.0	11 800*										36.0
38.0	46.2	95.5	10 000*	53.9	99.3	11 800*	58.1	100.8	11 700*										38.0
40.0	42.8	93.5	9 400*	50.9	97.7	11 100*	55.3	99.5	11 400*	62.1	101.3	9 400							40.0
42.0	39.2	91.2	8 900*	47.8	96.0	10 500*	52.4	98.0	10 700*	59.4	100.2	8 800							42.0
44.0	35.4	88.5	8 300*	44.6	94.1	9 900*	49.4	96.4	10 200*	56.6	98.9	8 300							44.0
46.0	31.1	85.5	7 900*	41.1	91.9	9 300*	46.2	94.6	9 600*	53.8	97.6	7 800							46.0
48.0	26.2	81.8	7 400*	37.4	89.5	8 800*	42.9	92.5	9 100*	50.8	96.0	7 300							48.0
50.0	20.2	77.1	7 000*	33.3	86.7	8 300*	39.3	90.3	8 600*	47.7	94.3	6 900	54.9	96.6	5 300				50.0
52.0				28.8	83.3	7 800*	35.4	87.6	8 200*	44.4	92.4	6 500	52.0	95.1	5 000				52.0
54.0				23.5	79.3	7 400*	31.1	84.6	7 900*	41.0	90.2	6 200	49.0	93.4	4 700				54.0
56.0				16.6	73.8	7 000*	26.2	80.9	7 500*	37.2	87.7	5 900	45.8	91.6	4 400				56.0
58.0							20.3	76.3	7 100*	33.2	84.9	5 600	42.4	89.5	4 100	50.0	92.0	2 800	58.0
60.0							11.8	69.3	6 900*	28.6	81.6	5 300	38.8	87.2	3 900	46.8	90.2	2 500	60.0
62.0										23.2	77.4	5 000	34.8	84.5	3 600	43.5	88.2	2 400	62.0
64.0										16.2	71.8	4 800	30.5	81.4	3 400	40.0	86.0	2 200	64.0
66.0													25.5	77.6	3 300	36.1	83.4	2 000	66.0
68.0													19.3	72.8	3 100	32.0	80.5	1 800	68.0
70.0													10.0	65.1	2 900				70.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 57.9m (190 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	76.0	110.6	12 200*																16.8
18.0	74.6	110.3	12 100*																18.0
20.0	72.3	109.7	11 900*																20.0
22.0	69.9	109.0	11 600*																22.0
24.0	67.6	108.2	11 400*																24.0
26.0	65.2	107.3	11 100*																26.0
28.0	62.7	106.4	11 000*	68.8	108.2	11 000*													28.0
30.0	60.2	105.3	10 800*	66.4	107.3	10 800*													30.0
32.0	57.6	104.1	10 600*	64.0	106.4	10 700*													32.0
34.0	54.9	102.7	10 200*	61.5	105.4	10 600*	65.2	106.4	10 200*										34.0
36.0	52.2	101.2	9 600*	58.9	104.2	10 400*	62.7	105.4	10 200*										36.0
38.0	49.3	99.6	9 000*	56.3	103.0	10 300*	60.2	104.3	10 100*										38.0
40.0	46.3	97.8	8 500*	53.6	101.6	10 100*	57.6	103.1	10 000*										40.0
42.0	43.2	95.8	7 900*	50.8	100.0	9 500*	55.0	101.8	9 900*	61.4	103.7	8 500							42.0
44.0	39.9	93.5	7 400*	47.9	98.3	8 900*	52.2	100.3	9 800*	58.8	102.6	8 000							44.0
46.0	36.3	91.0	7 000*	44.8	96.4	8 400*	49.4	98.7	9 300*	56.2	101.3	7 500							46.0
48.0	32.4	88.0	6 500*	41.6	94.3	7 800*	46.4	96.9	8 700*	53.5	99.9	7 100							48.0
50.0	28.0	84.6	6 100*	38.2	91.9	7 300*	43.2	94.9	8 100*	50.7	98.3	6 700							50.0
52.0	22.8	80.4	5 700*	34.4	89.2	6 800*	39.9	92.6	7 600*	47.8	96.6	6 300	54.6	98.9	4 700				52.0
54.0	16.2	74.7	5 200*	30.3	86.0	6 400*	36.3	90.1	7 100*	44.7	94.7	6 000	51.8	97.4	4 400				54.0
56.0				25.6	82.2	6 000*	32.4	87.1	6 700*	41.5	92.5	5 600	49.0	95.7	4 100				56.0
58.0				19.8	77.5	5 500*	28.0	83.7	6 200*	38.0	90.1	5 300	46.0	93.9	3 900	52.7	95.9	2 500	58.0
60.0				11.7	70.4	5 000*	22.9	79.5	5 700*	34.3	87.4	5 000	42.8	91.8	3 600	49.9	94.3	2 300	60.0
62.0							16.3	73.9	5 200*	30.1	84.2	4 800	39.4	89.6	3 400	46.9	92.5	2 100	62.0
64.0							3.0	62.1	4 800*	25.4	80.4	4 600	35.8	87.0	3 200	43.8	90.5	1 900	64.0
66.0										19.6	75.6	4 300	31.8	84.0	3 000				66.0
68.0										11.2	68.3	4 200	27.3	80.4	2 800				68.0
70.0													22.1	76.1	2 600				70.0
72.0													15.1	70.2	2 500				72.0

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 61.0m (200 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	69.1	91.8	25 300*b																			15.2
16.0	67.5	91.5	25 100*b																			16.0
18.0	63.4	90.6	24 400*																			18.0
20.0	59.1	89.5	23 800*	70.1	91.5	25 900*b																20.0
22.0	54.6	88.2	23 200*	66.1	90.7	25 200b																22.0
24.0	49.8	86.6	21 800*	61.9	89.8	23 500																24.0
26.0	44.7	84.8	20 300*	57.5	88.6	21 700	64.3	89.8	19 800b													26.0
28.0	39.1	82.6	18 900*	52.9	87.2	20 100	60.1	88.8	18 300													28.0
30.0	32.7	79.8	17 700*	48.1	85.6	18 800	55.6	87.5	17 100													30.0
32.0	24.8	76.2	16 600*	42.8	83.6	17 600	50.9	86.0	16 000													32.0
34.0				36.9	81.2	16 500	45.9	84.3	15 000	58.3	87.1	12 500										34.0
36.0				30.1	78.2	15 600	40.4	82.1	14 100	53.7	85.7	11 700										36.0
38.0				21.5	74.0	14 800	34.2	79.5	13 300	48.9	84.1	11 000										38.0
40.0							26.8	76.1	12 600	43.7	82.2	10 400	56.1	84.8	8 300							40.0
42.0							16.6	71.1	12 000	37.9	79.9	9 800	51.5	83.4	7 800							42.0
44.0										31.3	77.0	9 300	46.5	81.6	7 300							44.0
46.0										23.1	73.1	8 800	41.1	79.5	6 900							46.0
48.0													35.0	77.0	6 500	48.8	80.3	4 900				48.0
50.0													27.7	73.7	6 200	43.5	78.4	4 500				50.0
52.0													18.0	68.9	5 900	37.8	76.1	4 300				52.0
54.0																31.1	73.2	4 000	45.4	76.6	2 600	54.0
56.0																22.8	69.2	3 800	39.8	74.4	2 400	56.0
58.0																			33.6	71.8	2 200	58.0
60.0																			26.0	68.3	2 000	60.0
62.0																			15.3	62.9	1 900	62.0

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 61.0m (200 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	
15.2	71.1	95.1	23 600*b																			15.2
16.0	69.6	94.8	23 300*b																			16.0
18.0	66.0	94.0	22 600*																			18.0
20.0	62.1	93.0	21 800*																			20.0
22.0	58.2	91.9	21 100*	68.4	94.0	23 200*b																22.0
24.0	54.1	90.5	20 300*	64.6	93.2	22 800*																24.0
26.0	49.8	88.9	19 500*	60.8	92.1	21 400	66.8	93.2	19 500b													26.0
28.0	45.1	87.1	18 200*	56.8	90.9	19 900	63.0	92.3	18 100													28.0
30.0	40.1	84.9	17 000*	52.6	89.5	18 500	59.1	91.1	16 900													30.0
32.0	34.4	82.3	16 000*	48.2	87.9	17 400	55.0	89.8	15 700													32.0
34.0	27.8	79.0	15 000*	43.4	85.9	16 300	50.7	88.3	14 800	61.4	90.6	12 300										34.0
36.0	19.2	74.4	14 200*	38.2	83.6	15 300	46.2	86.6	13 900	57.5	89.4	11 600										36.0
38.0				32.2	80.8	14 500	41.2	84.5	13 100	53.3	88.0	10 800										38.0
40.0				25.1	77.1	13 800	35.7	82.0	12 400	48.9	86.4	10 200										40.0
42.0				15.1	71.6	13 200	29.4	78.8	11 700	44.2	84.5	9 600	55.5	87.1	7 700							42.0
44.0							21.4	74.6	11 200	39.1	82.3	9 100	51.3	85.7	7 200							44.0
46.0										33.3	79.6	8 600	46.7	83.9	6 800							46.0
48.0										26.4	76.1	8 200	41.8	81.9	6 400							48.0
50.0										17.2	71.1	7 800	36.4	79.4	6 000	48.8	82.6	4 400				50.0
52.0													30.2	76.4	5 700	44.1	80.7	4 100				52.0
54.0													22.5	72.3	5 400	38.9	78.5	3 900				54.0
56.0													10.4	65.5	5 200	33.1	75.7	3 700				56.0
58.0																26.2	72.2	3 400	40.7	76.8	2 100	58.0
60.0																16.8	67.1	3 300	35.2	74.2	1 900	60.0

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## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 61.0m (200 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	
15.2	72.7	98.3	21 300* <sup>b</sup>																15.2
16.0	71.4	98.0	21 100* <sup>b</sup>																16.0
18.0	68.1	97.3	20 600*																18.0
20.0	64.6	96.4	20 000*																20.0
22.0	61.1	95.4	19 400*																22.0
24.0	57.5	94.2	18 900*	66.9	96.5	20 400*													24.0
26.0	53.7	92.8	18 200*	63.4	95.6	20 200*													26.0
28.0	49.7	91.2	17 400*	59.9	94.5	19 800	65.4	95.6	17 900										28.0
30.0	45.4	89.4	16 300*	56.2	93.3	18 300			16 700										30.0
32.0	40.9	87.3	15 300*	52.3	91.8	17 200	58.3	93.5	15 600										32.0
34.0	35.8	84.8	14 400*	48.2	90.2	16 100	54.5	92.2	14 600										34.0
36.0	30.0	81.7	13 500*	43.9	88.2	15 200	50.6	90.6	13 700	60.5	93.0	11 400							36.0
38.0	23.0	77.7	12 800*	39.1	86.0	14 400	46.4	88.9	13 000	56.8	91.8	10 700							38.0
40.0				33.9	83.3	13 600	41.9	86.8	12 200	53.0	90.4	10 100							40.0
42.0				27.8	79.9	12 900	37.0	84.4	11 600	48.9	88.7	9 500							42.0
44.0				20.0	75.4	12 300	31.4	81.4	11 000	44.6	86.9	9 000	55.0	89.5	7 100				44.0
46.0							24.8	77.7	10 400	40.0	84.7	8 500	51.1	88.0	6 700				46.0
48.0							15.7	72.3	10 000	34.8	82.0	8 000	46.9	86.2	6 300				48.0
50.0										28.9	78.8	7 700	42.5	84.2	5 900				50.0
52.0										21.5	74.6	7 300	37.6	81.8	5 600	48.8	84.9	4 100	52.0
54.0													32.1	78.9	5 300	44.5	83.1	3 800	54.0
56.0													25.6	75.3	5 000	39.8	80.8	3 500	56.0
58.0													17.0	70.2	4 800	34.6	78.2	3 300	58.0
60.0																28.7	75.0	3 100	60.0
62.0																21.2	70.7	2 900	62.0
64.0																9.3	63.4	2 800	64.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 61.0m (200 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	74.1	101.5	19 200* <sup>b</sup>																15.2
16.0	72.9	101.2	19 000* <sup>b</sup>																16.0
18.0	69.8	100.6	18 600*																18.0
20.0	66.7	99.8	18 200*																20.0
22.0	63.5	98.8	17 800*																22.0
24.0	60.2	97.8	17 400*	68.7	99.8	18 200*													24.0
26.0	56.9	96.5	16 900*	65.6	99.0	18 000*													26.0
28.0	53.3	95.1	16 400*	62.4	98.0	17 900*													28.0
30.0	49.6	93.5	15 600*	59.1	96.9	17 700*	64.2	98.1	16 300										30.0
32.0	45.7	91.7	14 700*	55.6	95.6	16 800	61.0	97.0	15 200										32.0
34.0	41.5	89.6	13 800*	52.1	94.1	15 800	57.6	95.8	14 300										34.0
36.0	37.0	87.2	13 000*	48.3	92.5	14 800	54.1	94.5	13 400										36.0
38.0	31.8	84.3	12 300*	44.3	90.5	14 000	50.5	92.9	12 600	59.6	95.3	10 400							38.0
40.0	25.8	80.6	11 600*	40.0	88.3	13 300	46.6	91.2	11 900	56.2	94.1	9 800							40.0
42.0	18.1	75.7	11 100*	35.2	85.7	12 600	42.5	89.1	11 300	52.7	92.7	9 200							42.0
44.0				29.9	82.6	12 000	38.0	86.8	10 700	48.9	91.0	8 700							44.0
46.0				23.4	78.6	11 400	33.0	84.0	10 200	45.0	89.2	8 200	54.5	91.8	6 400				46.0
48.0				14.5	72.8	10 900	27.3	80.5	9 700	40.7	87.0	7 800	50.9	90.3	6 000				48.0
50.0							20.1	76.0	9 200	36.1	84.5	7 400	47.1	88.5	5 700				50.0
52.0										30.8	81.5	7 000	43.0	86.5	5 400	52.6	88.9	3 800	52.0
54.0										24.6	77.6	6 700	38.6	84.2	5 100	48.8	87.2	3 500	54.0
56.0										16.3	72.3	6 400	33.7	81.5	4 800	44.9	85.4	3 300	56.0
58.0													28.0	78.1	4 500	40.6	83.2	3 100	58.0
60.0													21.0	73.7	4 300	35.9	80.7	2 900	60.0
62.0													10.3	66.6	4 100	30.6	77.6	2 700	62.0
64.0																24.4	73.8	2 500	64.0
66.0																16.0	68.3	2 400	66.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

LUFFING JIB NO. 135 ON BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING

### 61.0m (200 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	75.3	104.6	17 100*b																15.2
16.0	74.1	104.4	17 000*b																16.0
18.0	71.3	103.8	16 700*																18.0
20.0	68.5	103.1	16 300*																20.0
22.0	65.5	102.2	16 000*																22.0
24.0	62.6	101.2	15 700*																24.0
26.0	59.5	100.1	15 400*	67.4	102.3	15 900*													26.0
28.0	56.3	98.9	15 000*	64.5	101.4	15 800*													28.0
30.0	53.0	97.5	14 700*	61.5	100.4	15 600*	66.2	101.4	15 100*										30.0
32.0	49.6	95.8	14 000*	58.4	99.2	15 500*	63.2	100.5	14 800										32.0
34.0	46.0	94.0	13 200*	55.2	97.9	15 300	60.2	99.4	13 900										34.0
36.0	42.1	92.0	12 500*	51.8	96.4	14 500	57.0	98.2	13 000										36.0
38.0	37.9	89.6	11 800*	48.3	94.8	13 600	53.8	96.8	12 300										38.0
40.0	33.3	86.8	11 200*	44.6	92.9	12 900	50.4	95.2	11 600	58.9	97.7	9 400							40.0
42.0	28.0	83.4	10 600*	40.7	90.7	12 200	46.8	93.5	10 900	55.7	96.4	8 900							42.0
44.0	21.6	79.1	10 100*	36.4	88.2	11 600	43.0	91.5	10 300	52.4	95.0	8 300							44.0
46.0				31.5	85.2	11 000	38.9	89.2	9 800	48.9	93.3	7 900	57.4	95.5	6 100				46.0
48.0				26.0	81.6	10 500	34.4	86.5	9 300	45.3	91.5	7 500	54.2	94.1	5 700				48.0
50.0				18.9	76.7	10 000	29.3	83.3	8 900	41.3	89.4	7 000	50.8	92.6	5 300				50.0
52.0							23.2	79.2	8 400	37.1	86.9	6 700	47.2	90.8	5 000				52.0
54.0							15.0	73.4	8 100	32.4	84.0	6 300	43.4	88.9	4 700				54.0
56.0										27.0	80.5	6 000	39.4	86.6	4 400	48.8	89.5	3 000	56.0
58.0										20.2	75.9	5 700	34.9	83.9	4 200	45.2	87.7	2 800	58.0
60.0													29.9	80.8	3 900	41.2	85.5	2 500	60.0
62.0													24.0	76.9	3 700	37.0	83.1	2 400	62.0
64.0													16.2	71.4	3 500	32.2	80.2	2 200	64.0
66.0																26.8	76.7	2 000	66.0
68.0																20.0	72.0	1 900	68.0
70.0																9.5	64.4	1 800	70.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 61.0m (200 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		
16.8	74.2	107.3	15 100*																16.8	
18.0	72.6	107.0	15 000*																18.0	
20.0	70.0	106.3	14 600*																20.0	
22.0	67.3	105.5	14 300*																22.0	
24.0	64.5	104.6	14 100*																24.0	
26.0	61.7	103.6	13 800*	69.0	105.6	14 000*													26.0	
28.0	58.8	102.5	13 600*	66.3	104.8	13 900*													28.0	
30.0	55.9	101.2	13 300*	63.5	103.8	13 800*													30.0	
32.0	52.8	99.8	13 100*	60.7	102.8	13 600*	65.1	103.9	13 200*										32.0	
34.0	49.5	98.1	12 600*	57.8	101.6	13 500*	62.4	102.9	13 200*										34.0	
36.0	46.2	96.3	11 900*	54.8	100.2	13 400*	59.5	101.8	12 900										36.0	
38.0	42.6	94.3	11 300*	51.7	98.7	13 200*	56.5	100.5	12 100										38.0	
40.0	38.7	92.0	10 700*	48.4	97.1	12 600*	53.5	99.1	11 300	61.2	101.2	9 200							40.0	
42.0	34.5	89.3	10 200*	44.9	95.2	12 000*	50.3	97.5	10 700	58.3	100.1	8 700							42.0	
44.0	29.8	86.1	9 700*	41.3	93.0	11 300*	46.9	95.8	10 200	55.3	98.7	8 200							44.0	
46.0	24.3	82.2	9 200*	37.3	90.6	10 800*	43.4	93.8	9 600	52.2	97.3	7 700							46.0	
48.0	17.3	76.9	8 800*	32.9	87.7	10 200*	39.6	91.5	9 100	48.9	95.6	7 300	56.9	97.8	5 500				48.0	
50.0				28.0	84.3	9 700*	35.5	88.9	8 700	45.5	93.8	6 900	53.8	96.4	5 200				50.0	
52.0				22.1	80.1	9 300*	30.9	85.9	8 300	41.9	91.7	6 500	50.7	94.9	4 900				52.0	
54.0				14.0	73.9	8 900*	25.6	82.2	7 900	38.0	89.3	6 200	47.3	93.1	4 600				54.0	
56.0							19.1	77.3	7 500	33.7	86.5	5 900	43.8	91.2	4 300				56.0	
58.0										28.9	83.2	5 600	40.1	88.9	4 100	48.8	91.8	2 600		58.0
60.0										23.2	79.1	5 300	36.0	86.4	3 800	45.4	90.0	2 400		60.0
62.0										15.6	73.5	5 100	31.5	83.4	3 600	41.8	87.9	2 200		62.0
64.0													26.3	79.8	3 400	37.9	85.5	2 100		64.0
66.0													19.9	75.1	3 200	33.6	82.7	1 900		66.0
68.0													10.3	67.7	3 100					68.0



# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 61.0m (200 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	75.2	110.5	13 300*																16.8
18.0	73.7	110.2	13 200*																18.0
20.0	71.3	109.5	12 900*																20.0
22.0	68.8	108.8	12 700*																22.0
24.0	66.2	108.0	12 500*																24.0
26.0	63.6	107.1	12 200*	70.4	108.8	12 200*													26.0
28.0	61.0	106.0	12 000*	67.9	108.1	12 100*													28.0
30.0	58.2	104.8	11 800*	65.3	107.2	12 000*													30.0
32.0	55.4	103.5	11 600*	62.7	106.2	11 900*													32.0
34.0	52.5	102.1	11 300*	60.0	105.1	11 800*	64.2	106.3	11 400*										34.0
36.0	49.5	100.4	10 600*	57.3	103.9	11 700*	61.6	105.3	11 400*										36.0
38.0	46.3	98.6	10 000*	54.4	102.6	11 600*	58.9	104.1	11 300*										38.0
40.0	43.0	96.6	9 500*	51.5	101.0	11 300*	56.1	102.8	11 100*										40.0
42.0	39.4	94.3	8 900*	48.4	99.4	10 600*	53.2	101.4	10 400*	60.5	103.6	8 300							42.0
44.0	35.6	91.7	8 400*	45.2	97.5	10 000*	50.2	99.8	9 800*	57.7	102.4	7 800							44.0
46.0	31.3	88.7	7 900*	41.8	95.4	9 400*	47.1	98.1	9 300*	54.9	101.1	7 400							46.0
48.0	26.4	85.1	7 500*	38.1	93.0	8 900*	43.8	96.1	8 800*	52.0	99.6	7 000							48.0
50.0	20.6	80.5	7 100*	34.1	90.2	8 400*	40.3	93.9	8 400*	48.9	97.9	6 500							50.0
52.0				29.7	87.0	7 900*	36.5	91.4	7 900*	45.7	96.1	6 200	53.5	98.7	4 500				52.0
54.0				24.5	83.1	7 500*	32.3	88.4	7 500*	42.4	94.0	5 800	50.6	97.2	4 300				54.0
56.0				18.1	78.0	7 100*	27.6	85.0	7 200*	38.7	91.7	5 500	47.4	95.4	4 000				56.0
58.0							22.0	80.6	6 900*	34.8	89.0	5 200	44.2	93.5	3 700	51.9	95.8	2 300	58.0
60.0							14.5	74.6	6 600*	30.5	85.9	5 000	40.7	91.3	3 500	48.8	94.1	2 100	60.0
62.0										25.4	82.1	4 700	36.9	88.8	3 300	45.6	92.3	1 900	62.0
64.0										19.3	77.3	4 500	32.8	85.9	3 100	42.3	90.2	1 800	64.0
66.0													28.2	82.5	2 900				66.0
68.0													22.7	78.3	2 700				68.0
70.0													15.6	72.6	2 500				70.0

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE LUFFING JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

**LUFFING JIB NO. 135 ON BOOM NO. 22EL**  
**81 240 kg CRANE COUNTERWEIGHT**  
**19 960 kg CARBODY COUNTERWEIGHT**  
**8 585 mm CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 61.0m (200 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	
18.3	74.4	113.3	11 700*													18.3
20.0	72.4	112.8	11 500*													20.0
22.0	70.1	112.1	11 300*													22.0
24.0	67.7	111.3	11 000*													24.0
26.0	65.3	110.4	10 800*													26.0
28.0	62.8	109.5	10 600*	69.2	111.3	10 600*										28.0
30.0	60.3	108.4	10 400*	66.9	110.5	10 500*										30.0
32.0	57.7	107.2	10 200*	64.4	109.6	10 400*										32.0
34.0	55.1	105.8	10 100*	61.9	108.6	10 300*	65.8	109.6	9 900*							34.0
36.0	52.3	104.4	9 700*	59.4	107.5	10 100*	63.4	108.7	9 900*							36.0
38.0	49.5	102.7	9 100*	56.8	106.2	10 000*	60.9	107.6	9 800*							38.0
40.0	46.5	100.9	8 500*	54.1	104.9	9 900*	58.3	106.5	9 700*							40.0
42.0	43.4	98.9	8 000*	51.3	103.3	9 600*	55.7	105.2	9 700*							42.0
44.0	40.1	96.7	7 400*	48.5	101.7	9 000*	53.0	103.7	9 500*	59.8	106.0	7 600				44.0
46.0	36.5	94.2	7 000*	45.4	99.8	8 400*	50.1	102.1	9 000*	57.2	104.7	7 100				46.0
48.0	32.6	91.3	6 500*	42.2	97.7	7 900*	47.2	100.4	8 500*	54.6	103.4	6 700				48.0
50.0	28.2	87.8	6 100*	38.8	95.4	7 400*	44.1	98.4	8 100*	51.8	101.9	6 300				50.0
52.0	23.1	83.7	5 700*	35.2	92.7	7 000*	40.8	96.2	7 700*	48.9	100.2	5 900	56.0	102.5	4 300	52.0
54.0	16.6	78.1	5 200*	31.1	89.6	6 500*	37.3	93.8	7 300*	45.9	98.4	5 600	53.3	101.0	4 000	54.0
56.0				26.5	86.0	6 100*	33.5	91.0	6 900*	42.8	96.4	5 300	50.5	99.5	3 700	56.0
58.0				21.0	81.5	5 600*	29.2	87.7	6 400*	39.4	94.1	5 000	47.5	97.7	3 500	58.0
60.0				13.6	75.1	5 100*	24.3	83.7	5 900*	35.8	91.5	4 700	44.5	95.8	3 200	60.0
62.0							18.2	78.6	5 400*	31.8	88.5	4 500	41.2	93.6	3 000	62.0
64.0							8.7	70.2	4 900*	27.3	84.9	4 300	37.7	91.2	2 800	64.0
66.0										22.0	80.6	4 000	34.0	88.4	2 600	66.0
68.0										15.1	74.6	3 900	29.8	85.2	2 500	68.0
70.0													24.9	81.4	2 300	70.0
72.0													19.0	76.4	2 100	72.0
74.0													10.3	68.8	2 100	74.0