

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

CAPACITIES FOR VARIOUS BOOM LENGTHS, BOOM ANGLES, LUFFING JIB LENGTHS, AND LUFFING JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND ARE CALCULATED TO COMPLY WITH BS 1757-1986 CLAUSE 9, I.S.O. 4305 AND BS 2573 PART 1 - 1983 TABLES 5(a) AND 6(a). CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*). CAPACITIES INDICATED BY (b) REQUIRE 1 280 kg MINIMUM BLOCK WEIGHT.

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

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

MACHINE TO OPERATE ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH CRAWLERS FULLY EXTENDED, GANTRY UP AND BEARING 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. 7911-A AND LUFFING JIB RAISING PROCEDURE CHART NO. 7826-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 WITHIN WIND LIMITS SHOWN IN TABLE PROVIDED CRANE OPERATOR JUDGMENT IS USED TO ALLOW FOR WIND EFFECT ON LIFTED LOAD AND OTHER CONSIDERATIONS NOTED ON CAPACITY CHART ARE FOLLOWED. WIND WILL HAVE A CONSIDERABLE EFFECT ON A LOAD WITH A LARGE 'SAIL AREA' AND MUST BE COMPENSATED FOR ACCORDINGLY BY REDUCING LOAD RATINGS, REDUCING OPERATING SPEEDS OR BY A COMBINATION OF BOTH. RECOMMEND STOPPING OPERATION WHEN WIND EXCEEDS THOSE SHOWN IN TABLE 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. REFER TO MAXIMUM ALLOWABLE TRAVEL SPECIFICATION CHART NO. 7827-A.

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

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

CONSULT CHART NO. 7909-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

WIND LIMITS DURING OPERATION					
14 m/s MAXIMUM WIND VELOCITY		10 m/s MAXIMUM WIND VELOCITY		7 m/s MAXIMUM WIND VELOCITY	
BOOM LENGTH	LUFFING JIB LENGTH	BOOM LENGTH	LUFFING JIB LENGTH	BOOM LENGTH	LUFFING JIB LENGTH
METERS	METERS	METERS	METERS	METERS	METERS
21.3 - 27.4	21.3 - 42.7	21.3 - 27.4	45.7 - 51.8	51.8	45.7
30.5 - 48.8	21.3 - 30.5	30.5 - 48.8	33.5 - 51.8		
		51.8	24.4 - 42.7		

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

21.3m (70 FT.) BOOM, 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	43 400*b	64.5	42.8	47 400*b																14.0
16.0	52.3	40.6	39 800*b	58.4	41.7	43 900b	61.8	42.1	43 800b													16.0
18.0	45.2	38.9	33 300*	51.8	40.3	38 500	55.5	40.9	37 400b													18.0
20.0	37.0	36.6	28 800*	44.6	38.5	33 000*	48.7	39.4	32 700	54.8	40.3	31 400b										20.0
22.0	26.8	33.4	25 200*	36.3	36.2	28 600*	41.0	37.4	29 000	47.9	38.7	27 800	54.0	39.5	26 700b							22.0
24.0				25.9	32.9	25 000*	32.0	34.7	25 900	40.2	36.7	24 900	47.1	37.9	23 800							24.0
26.0										31.0	33.9	22 400	39.2	35.8	21 500							26.0
28.0										18.0	29.5	20 400	29.7	32.8	19 600	45.9	36.8	20 600				28.0
30.0													15.8	28.1	17 800	37.9	34.6	18 700	44.5	35.6	17 900	30.0
32.0																28.0	31.5	17 100	25.8	29.9	15 000	32.0
																12.4	26.1	15 600				

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	67.7	46.3	43 100*b																			12.2
14.0	63.1	45.5	40 500*b	67.8	46.1	44 300*b																14.0
16.0	57.7	44.4	38 300*b	62.7	45.2	41 400*b	65.5	45.5	42 500b													16.0
18.0	51.9	42.9	33 500*	57.2	44.1	38 100	60.3	44.5	37 400b													18.0
20.0	45.6	41.2	28 800*	51.5	42.6	33 100*	54.7	43.2	32 600	59.7	44.0	31 300b										20.0
22.0	38.6	39.0	25 300*	45.2	40.8	28 600*	48.7	41.7	28 800	54.1	42.6	27 600										22.0
24.0	30.3	36.1	22 400*	38.1	38.6	25 100*	42.1	39.7	25 800	48.1	41.0	24 800	53.4	41.9	23 700							24.0
26.0				29.6	35.6	22 300*	34.5	37.2	23 300	41.4	39.0	22 300	47.3	40.2	21 400	52.5	40.9	20 500				26.0
28.0				18.0	31.1	19 700*	25.0	33.7	21 100	33.7	36.4	20 300	40.5	38.1	19 400	46.3	39.1	18 600				28.0
30.0										23.9	32.8	18 500	32.6	35.4	17 700	39.4	37.0	17 000				30.0
32.0										5.0	25.0	17 000	22.5	31.6	16 300	31.3	34.2	15 600	38.0	35.6	14 900	32.0
34.0																20.5	30.1	14 400	29.5	32.6	13 700	34.0
36.0																			17.8	28.1	12 700	36.0

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	70.3	49.6	37 800*b																			12.2
14.0	66.3	48.9	35 600*b																			14.0
16.0	61.6	47.9	34 100*	65.9	48.6	36 400*b																16.0
18.0	56.7	46.7	32 000*	61.2	47.6	34 300*	63.8	48.0	35 500*													18.0
20.0	51.6	45.3	29 200*	56.4	46.4	32 300*	59.1	46.9	32 500													20.0
22.0	46.0	43.5	25 600*	51.2	44.9	29 100*	54.1	45.6	28 700	58.6	46.3	27 600										22.0
24.0	39.9	41.4	22 700*	45.6	43.2	25 400*	48.7	44.0	25 700	53.6	45.0	24 600										24.0
26.0	32.8	38.6	20 300*	39.4	41.0	22 500*	42.9	42.0	23 200	48.2	43.3	22 300	52.9	44.2	21 300							26.0
28.0	24.1	34.9	18 200*	32.3	38.2	20 100*	36.3	39.6	21 100	42.3	41.4	20 200	47.5	42.5	19 300							28.0
30.0				23.3	34.4	18 100*	28.6	36.5	19 200	35.6	38.9	18 500	41.5	40.5	17 700	46.6	41.4	16 900				30.0
32.0				7.5	27.2	15 900*	18.0	31.8	17 300*	27.7	35.6	17 000	34.8	37.9	16 200	40.6	39.3	15 500				32.0
34.0										16.6	30.7	15 600	26.6	34.5	15 000	33.6	36.7	14 300	39.3	38.0	13 600	34.0
36.0													14.7	29.2	13 800	25.1	33.2	13 200	32.2	35.2	12 600	36.0
38.0																12.0	27.2	12 200	23.2	31.4	11 700	38.0

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	72.3	52.8	35 300*b																			12.2
14.0	68.8	52.2	33 800*b																			14.0
16.0	64.7	51.3	31 700*	68.5	51.9	33 900*b																16.0
18.0	60.4	50.3	29 800*	64.3	51.0	31 900*																18.0
20.0	56.0	49.0	28 000*	60.1	50.0	30 000*	62.5	50.4	31 100													20.0
22.0	51.3	47.6	25 700*	55.7	48.7	28 200*	58.1	49.2	28 800													22.0
24.0	46.3	45.8	22 600*	51.0	47.2	25 500*	53.6	47.9	25 600	57.7	48.7	24 500										24.0
26.0	40.9	43.7	20 200*	45.9	45.5	22 500*	48.8	46.3	23 100	53.1	47.3	22 100	57.1	47.9	21 100							26.0
28.0	34.7	41.1	18 200*	40.4	43.3	20 100*	43.5	44.3	21 000	48.3	45.6	20 100	52.5	46.5	19 200							28.0
30.0	27.5	37.8	16 500*	34.2	40.7	18 100*	37.8	42.0	19 100	43.0	43.7	18 300	47.6	44.8	17 500	46.9	43.8	15 300				30.0
32.0	17.6	33.0	15 000*	26.8	37.3	16 400*	31.1	39.1	17 400*	37.2	41.3	16 900	42.3	42.8	16 100	41.5	41.7	14 100	45.9	42.5	13 400	32.0
34.0				16.7	32.3	14 900*	22.8	35.2	15 700*	30.4	38.3	15 600	36.4	40.4	14 800	35.4	39.2	13 100	40.4	40.3	12 400	34.0
36.0										21.8	34.2	14 400	29.5	37.3	13 700	28.3	36.0	12 100	34.2	37.7	11 500	36.0
38.0										6.4	26.3	13 300	20.6	33.0	12 700	18.9	31.4	11 300	26.8	34.3	10 700	38.0
40.0																			16.6	29.3	10 000	40.0
42.0																						42.0

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	74.0	56.0	33 400*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*	65.1	53.8	29 800*												20.0	
22.0	55.4	51.4	25 300*	59.1	52.3	27 300*	61.3	52.8	28 100												22.0	
24.0	51.1	49.9	22 700*	55.1	51.0	25 300*	57.3	51.6	25 600												24.0	
26.0	46.6	48.1	20 300*	50.8	49.5	22 500*	53.2	50.2	23 100	56.9	51.0	22 100									26.0	
28.0	41.7	46.0	18 200*	46.2	47.8	20 100*	48.8	48.6	21 000	52.8	49.6	20 000	56.4	50.2	19 100						28.0	
30.0	36.2	43.6	16 600*	41.3	45.7	18 100*	44.1	46.7	19 200	46.3	47.9	18 300	52.2	48.8	17 500						30.0	
32.0	30.0	40.5	15 100*	35.8	43.2	16 500*	38.9	44.4	17 400*	43.6	46.0	16 900	47.8	47.1	16 100						32.0	
34.0	22.2	36.4	13 800*	29.5	40.0	15 000*	33.1	41.6	15 800*	38.4	43.7	15 600	43.0	45.1	14 800	47.1	46.1	14 100			34.0	
36.0				21.5	35.8	13 700*	26.2	38.1	14 400*	32.5	40.9	14 400	37.7	42.8	13 700	42.2	44.0	13 100			36.0	
38.0				8.1	28.3	11 800*	16.8	33.0	13 200*	25.4	37.3	13 400	31.7	39.9	12 800	36.8	41.6	12 100	41.2	42.7	11 500	38.0
40.0										15.6	31.9	12 500	24.4	36.1	11 900	30.7	38.6	11 300	35.7	40.2	10 700	40.0
42.0													14.0	30.4	11 100	23.1	34.7	10 600	29.4	37.0	10 000	42.0
44.0																11.6	28.3	9 800	21.4	32.8	9 400	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	22 300*	58.3	54.7	23 900*	60.3	55.1	24 700*													24.0
26.0	50.9	52.2	20 200*	54.6	53.4	22 400*	56.7	53.9	22 900	60.0	54.6	21 900										26.0
28.0	46.8	50.4	18 200*	50.6	51.8	20 100*	52.8	52.5	20 800	56.3	53.3	19 900										28.0
30.0	42.3	48.4	16 500*	46.5	50.1	18 100*	48.8	50.9	19 100	52.4	51.9	18 200	55.8	52.5	17 300							30.0
32.0	37.4	46.0	15 000*	42.0	48.0	16 400*	44.5	49.0	17 300	48.4	50.2	16 700	52.0	51.1	15 900							32.0
34.0	31.9	43.1	13 800*	37.0	45.6	15 000*	39.8	46.8	15 700*	44.0	48.3	15 400	47.9	49.4	14 700	51.4	50.1	13 900				34.0
36.0	25.4	39.4	12 600*	31.5	42.6	13 700*	34.6	44.1	14 400*	39.3	46.1	14 300	43.5	47.4	13 600	47.2	48.4	12 900				36.0
38.0	16.6	34.2	11 600*	24.8	38.9	12 600*	28.7	40.9	13 200*	34.1	43.4	13 300	38.7	45.2	12 600	42.8	46.4	12 000				38.0
40.0				15.8	33.5	11 400*	21.2	36.6	12 100*	28.0	40.1	12 300	33.4	42.4	11 800	38.0	44.0	11 100	41.9	45.0	10 600	40.0
42.0										20.4	35.6	11 500	27.2	39.0	11 000	32.5	41.2	10 400	37.0	42.6	9 900	42.0
44.0										7.2	27.4	10 800	19.2	34.3	10 300	26.1	37.6	9 700	31.4	39.7	9 200	44.0
46.0																17.7	32.6	9 100	24.8	35.9	8 600	46.0
48.0																			15.7	30.5	8 000	48.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.5	71.0	19 400*																			15.2
16.0	74.5	70.7	18 900*																			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	16 800*																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	9 900				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	9 200				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	8 600	47.1	56.3	8 100	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	8 100	43.8	54.3	7 600	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	7 600	40.3	52.1	7 100	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	7 100	36.5	49.6	6 600	52.0
54.0										18.3	38.2	6 800*	24.1	42.1	7 100	28.6	44.8	6 700	32.3	46.7	6 200	54.0
56.0										8.0	29.7	6 500*	17.4	36.9	6 700	23.2	40.7	6 300	27.6	43.2	5 900	56.0
58.0																16.2	35.1	5 900	22.0	38.9	5 500	58.0
60.0																			14.5	32.8	5 200	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.5	73.7	17 100*																			16.8
18.0	73.1	73.3	16 500*																			18.0
20.0	70.8	72.7	15 500*																			20.0
22.0	68.4	71.9	14 600*																			22.0
24.0	66.0	71.1	13 700*	68.3	71.7	14 500*																24.0
26.0	63.6	70.2	12 800*	65.9	70.8	13 700*	67.2	71.1	14 100*													26.0
28.0	61.1	69.1	12 000*	63.4	69.9	12 800*	64.8	70.2	13 200*													28.0
30.0	58.5	68.0	11 200*	60.9	68.8	12 000*	62.3	69.2	12 400*													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	11 500*										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	9 100				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	8 500				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	8 000				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	7 500	44.1	56.6	7 000	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	7 000	40.8	54.5	6 500	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	6 100	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	5 700	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	5 400	58.0
60.0													12.8	33.7	4 800*	19.5	38.8	5 200*	24.3	41.9	5 000	60.0
62.0																11.2	31.5	4 800*	18.2	36.8	4 700	62.0
64.0																			8.7	28.5	4 400	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	64.6	46.1	46 100*b																			12.2
14.0	59.2	45.1	43 500*b																			14.0
16.0	52.7	43.8	40 500*b	59.5	45.0	43 900b																16.0
18.0	45.6	42.0	34 000*	53.1	43.6	38 200	57.2	44.3	37 200b													18.0
20.0	37.4	39.8	29 300*	46.0	41.9	33 300	50.5	42.8	32 400	57.4	43.8	30 900b										20.0
22.0	27.4	36.6	25 600*	38.0	39.7	29 500	43.1	40.9	28 700	50.7	42.4	27 300b										22.0
24.0	11.1	30.9	20 400*	28.1	36.6	25 900*	34.6	38.5	25 700	43.4	40.5	24 500	50.8	41.7	23 300							24.0
26.0							34.9	38.0	23 200	34.9	38.0	22 100	43.4	39.8	21 000	50.6	40.8	19 900				26.0
28.0							23.5	34.9		23.9	34.5	20 000	34.9	37.4	19 100	43.2	38.9	18 100				28.0
30.0													24.0	33.8	17 400	34.7	36.4	16 500	42.7	37.7	15 700	30.0
32.0																23.6	32.8	15 100	34.0	35.2	14 400	32.0
34.0																			22.7	31.5	13 200	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	38 600*b	63.6	48.4	41 900*b																16.0
18.0	52.2	46.1	34 200*	58.3	47.3	38 100	61.7	47.8	37 000b													18.0
20.0	46.0	44.3	29 400*	52.6	45.9	33 200	56.2	46.6	32 300	61.9	47.3	30 700b										20.0
22.0	39.0	42.2	25 800*	46.4	44.2	29 400	50.3	45.1	28 600	56.4	46.1	27 200										22.0
24.0	30.8	39.3	22 800*	39.5	42.1	26 100	43.9	43.3	25 600	50.5	44.7	24 300										24.0
26.0	19.8	35.1	20 200*	31.4	39.3	23 000*	36.6	40.9	23 100	44.1	42.8	21 900	50.6	44.0	20 800							26.0
28.0				20.6	35.2	20 500*	27.8	37.7	21 000	36.9	40.5	20 000	44.2	42.1	18 900	50.4	43.1	17 900				28.0
30.0							14.9	32.6	19 100	28.1	37.3	18 200	36.9	39.8	17 300	44.0	41.2	16 400				30.0
32.0										15.5	32.3	16 700	28.2	36.7	15 900	36.7	38.8	15 000				32.0
34.0																27.9	35.7	13 800	36.1	37.6	13 100	34.0
36.0																15.0	30.6	12 800	27.2	34.4	12 100	36.0
38.0																			13.7	29.0	11 200	38.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			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	70.5	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	29 900*	57.3	49.7	32 600	60.4	50.2	32 200													20.0
22.0	46.3	46.6	26 100*	52.2	48.2	29 400	55.4	48.9	28 500	60.5	49.7	27 100										22.0
24.0	40.2	44.5	23 100*	46.7	46.5	26 200	50.2	47.4	25 500	55.6	48.5	24 200										24.0
26.0	33.3	41.8	20 600*	40.6	44.4	23 300*	44.5	45.6	23 000	50.4	47.0	21 800	55.6	47.8	20 700							26.0
28.0	24.6	38.2	18 500*	33.7	41.8	20 800*	38.2	43.3	20 900	44.7	45.1	19 900	50.4	46.3	18 800							28.0
30.0	10.9	32.0	15 500*	25.2	38.3	18 700*	30.8	40.4	19 200	38.4	42.9	18 200	44.7	44.4	17 200	50.2	45.4	16 300				30.0
32.0				12.1	32.3	16 800*	21.3	36.3	17 600	31.0	40.0	16 700	38.4	42.2	15 800	44.5	43.5	14 900				32.0
34.0										21.6	35.9	15 400	31.1	39.3	14 600	38.2	41.2	13 700	44.1	42.3	13 000	34.0
36.0													21.7	35.3	13 500	30.9	38.3	12 700	37.8	40.0	12 000	36.0
38.0																21.4	34.3	11 800	30.3	37.1	11 100	38.0
40.0																			20.5	32.9	10 300	40.0

24.4m (80 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	72.6	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*															18.0	
20.0	56.2	52.1	28 100*	60.9	53.2	30 300*	63.6	53.6	31 500												20.0	
22.0	51.6	50.7	26 100*	56.5	52.0	28 500	59.3	52.6	28 400												22.0	
24.0	46.6	49.0	23 100*	51.9	50.6	26 300	54.8	51.3	25 400	59.4	52.1	24 100									24.0	
26.0	41.2	46.9	20 600*	46.9	48.8	23 300*	50.1	49.7	22 900	55.0	50.8	21 700									26.0	
28.0	35.1	44.3	18 500*	41.5	46.8	20 800*	45.0	47.9	20 800	50.2	49.3	19 700	55.0	50.1	18 600						28.0	
30.0	27.9	41.1	16 800*	35.5	44.3	18 700*	39.4	45.7	19 000	45.1	47.4	18 000	50.2	48.6	17 000						30.0	
32.0	18.3	36.4	15 200*	28.4	41.1	16 900*	33.0	42.9	17 500	39.5	45.2	16 600	45.2	46.8	15 600						32.0	
34.0				19.0	36.5	15 300*	25.3	39.4	16 100	33.2	42.5	15 300	39.6	44.6	14 400	45.0	45.8	13 600			34.0	
36.0							14.1	33.8	14 800	25.5	39.0	14 100	33.2	41.8	13 300	39.4	43.6	12 600	44.6	44.6	11 800	36.0
38.0										14.5	33.5	13 100	25.6	38.3	12 400	33.0	40.9	11 600	39.0	42.4	11 000	38.0
40.0																25.3	37.3	10 800	32.6	39.6	10 200	40.0
42.0																14.2	31.7	10 100	24.7	36.0	9 500	42.0
44.0																			13.1	30.1	8 800	44.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	74.2	59.1	33 200* 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	25 500*	59.9	55.6	27 500*	62.3	56.0	28 300												22.0	
24.0	51.4	53.0	23 100*	55.8	54.3	25 900	58.4	54.9	25 300												24.0	
26.0	46.8	51.3	20 600*	51.6	52.9	23 300*	54.3	53.6	22 800	58.5	54.4	21 700									26.0	
28.0	41.9	49.2	18 600*	47.1	51.1	20 800*	50.0	52.0	20 800	54.4	53.1	19 700									28.0	
30.0	36.5	46.8	16 800*	42.2	49.1	18 800*	45.3	50.2	19 000	50.1	51.6	18 000	54.5	52.4	17 000						30.0	
32.0	30.3	43.7	15 300*	36.9	46.7	17 000*	40.3	48.0	17 500	45.5	49.7	16 600	50.1	50.9	15 600						32.0	
34.0	22.7	39.7	14 000*	30.7	43.7	15 500*	34.7	45.4	16 200	40.5	47.6	15 300	45.5	49.1	14 400	50.0	50.0	13 600			34.0	
36.0	10.7	33.1	11 700*	23.2	39.8	14 100*	28.1	42.2	14 900	34.9	45.0	14 100	40.5	46.9	13 300	45.4	48.1	12 600			36.0	
38.0				11.8	33.4	12 900*	19.7	37.7	13 700*	28.4	41.8	13 200	34.9	44.3	12 400	40.4	46.0	11 600			38.0	
40.0										20.0	37.3	12 300	28.4	41.1	11 500	34.7	43.4	10 900	40.0	44.8	10 200	40.0
42.0													20.1	36.6	10 800	28.2	40.1	10 100	34.3	42.1	9 500	42.0
44.0																19.8	35.6	9 400	27.7	38.8	8 900	44.0
46.0																			19.1	34.2	8 300	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*	66.1	60.0	26 900*	64.8	59.5	26 400*	61.4	58.0	21 500	57.8	56.8	19 500	54.0	55.4	17 800	54.0	54.7	15 400	50.0	53.2	14 200	49.9	52.3	12 400	45.7	50.4	11 500	41.1	48.3	10 700	45.4	49.3	10 000	42.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
14.0	72.6	61.7	29 800*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
16.0	69.3	61.0	28 100*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
18.0	65.9	60.2	26 600*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
20.0	62.4	59.2	25 100*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
22.0	58.8	58.1	23 800*	62.6	59.1	25 500*	64.8	59.5	26 400*	61.4	58.0	21 500	57.8	56.8	19 500	54.0	55.4	17 800	54.0	54.7	15 400	50.0	53.2	14 200	49.9	52.3	12 400	45.7	50.4	11 500	41.1	48.3	10 700	45.4	49.3	10 000	42.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
24.0	55.1	56.8	22 500*	59.0	57.9	24 100*	61.3	58.4	24 900	57.7	57.3	22 700	54.0	53.9	21 400	50.0	50.0	19 200	46.0	45.9	18 000	41.0	40.9	16 800	36.0	35.9	15 600	31.0	30.9	14 400	26.0	25.9	13 200	21.0	20.9	12 000	16.0	15.9	10 800	11.0	10.9	9 600	6.0	5.9	8 400	1.0	0.9	7 200	-4.0	-3.9	-6 000	-9.0	-8.9	-12 000	-14.0	-13.9	-16 000	-19.0	-18.9	-20 000	-24.0	-23.9	-26 000	-29.0	-28.9	-30 000	-34.0	-33.9	-36 000	-41.0	-40.9	-42 000	-46.0	-45.9	-48 000	-51.0	-50.9	-52 000	-57.0	-56.9	-58 000	-62.0	-61.9	-64 000	-69.0	-68.9	-70 000	-74.0	-73.9	-76 000	-81.0	-80.9	-82 000	-86.0	-85.9	-88 000	-91.0	-90.9	-92 000	-97.0	-96.9	-98 000	-102.0	-101.9	-104 000	-109.0	-108.9	-110 000	-114.0	-113.9	-116 000	-121.0	-120.9	-122 000	-127.0	-126.9	-128 000	-132.0	-131.9	-134 000	-139.0	-138.9	-140 000	-144.0	-143.9	-146 000	-151.0	-150.9	-152 000	-157.0	-156.9	-158 000	-162.0	-161.9	-164 000	-169.0	-168.9	-170 000	-174.0	-173.9	-176 000	-181.0	-180.9	-182 000	-186.0	-185.9	-188 000	-191.0	-190.9	-192 000	-197.0	-196.9	-198 000	-202.0	-201.9	-204 000	-209.0	-208.9	-210 000	-214.0	-213.9	-216 000	-221.0	-220.9	-222 000	-227.0	-226.9	-228 000	-232.0	-231.9	-234 000	-239.0	-238.9	-240 000	-244.0	-243.9	-246 000	-251.0	-250.9	-252 000	-257.0	-256.9	-258 000	-262.0	-261.9	-264 000	-269.0	-268.9	-270 000	-274.0	-273.9	-276 000	-281.0	-280.9	-282 000	-286.0	-285.9	-288 000	-291.0	-290.9	-292 000	-297.0	-296.9	-298 000	-302.0	-301.9	-304 000	-309.0	-308.9	-310 000	-314.0	-313.9	-316 000	-321.0	-320.9	-322 000	-327.0	-326.9	-328 000	-332.0	-331.9	-334 000	-339.0	-338.9	-340 000	-344.0	-343.9	-346 000	-351.0	-350.9	-352 000	-357.0	-356.9	-358 000	-362.0	-361.9	-364 000	-369.0	-368.9	-370 000	-374.0	-373.9	-376 000	-381.0	-380.9	-382 000	-386.0	-385.9	-388 000	-391.0	-390.9	-392 000	-397.0	-396.9	-398 000	-402.0	-401.9	-404 000	-409.0	-408.9	-410 000	-414.0	-413.9	-416 000	-421.0	-420.9	-422 000	-427.0	-426.9	-428 000	-432.0	-431.9	-434 000	-439.0	-438.9	-440 000	-444.0	-443.9	-446 000	-451.0	-450.9	-452 000	-457.0	-456.9	-458 000	-462.0	-461.9	-464 000	-469.0	-468.9	-470 000	-474.0	-473.9	-476 000	-481.0	-480.9	-482 000	-486.0	-485.9	-488 000	-491.0	-490.9	-492 000	-497.0	-496.9	-498 000	-502.0	-501.9	-504 000	-509.0	-508.9	-510 000	-514.0	-513.9	-516 000	-521.0	-520.9	-522 000	-527.0	-526.9	-528 000	-532.0	-531.9	-534 000	-539.0	-538.9	-540 000	-544.0	-543.9	-546 000	-551.0	-550.9	-552 000	-557.0	-556.9	-558 000	-562.0	-561.9	-564 000	-569.0	-568.9	-570 000	-574.0	-573.9	-576 000	-581.0	-580.9	-582 000	-586.0	-585.9	-588 000	-591.0	-590.9	-592 000	-597.0	-596.9	-598 000	-602.0	-601.9	-604 000	-609.0	-608.9	-610 000	-614.0	-613.9	-616 000	-621.0	-620.9	-622 000	-627.0	-626.9	-628 000	-632.0	-631.9	-634 000	-639.0	-638.9	-640 000	-644.0	-643.9	-646 000	-651.0	-650.9	-652 000	-657.0	-656.9	-658 000	-662.0	-661.9	-664 000	-669.0	-668.9	-670 000	-674.0	-673.9	-676 000	-681.0	-680.9	-682 000	-686.0	-685.9	-688 000	-691.0	-690.9	-692 000	-697.0	-696.9	-698 000	-702.0	-701.9	-704 000	-709.0	-708.9	-710 000	-714.0	-713.9	-716 000	-721.0	-720.9	-722 000	-727.0	-726.9	-728 000	-732.0	-731.9	-734 000	-739.0	-738.9	-740 000	-744.0	-743.9	-746 000	-751.0	-750.9	-752 000	-757.0	-756.9	-758 000	-762.0	-761.9	-764 000	-769.0	-768.9	-770 000	-774.0	-773.9	-776 000	-781.0	-780.9	-782 000	-786.0	-785.9	-788 000	-791.0	-790.9	-792 000	-797.0	-796.9	-798 000	-802.0	-801.9	-804 000	-809.0	-808.9	-810 000	-814.0	-813.9	-816 000	-821.0	-820.9	-822 000	-827.0	-826.9	-828 000	-832.0	-831.9	-834 000	-839.0	-838.9	-840 000	-844.0	-843.9	-846 000	-851.0	-850.9	-852 000	-857.0	-856.9	-858 000	-862.0	-861.9	-864 000	-869.0	-868.9	-870 000	-874.0	-873.9	-876 000	-881.0	-880.9	-882 000	-886.0	-885.9	-888 000	-891.0	-890.9	-892 000	-897.0	-896.9	-898 000	-902.0	-901.9	-904 000	-909.0	-908.9	-910 000	-914.0	-913.9	-916 000	-921.0	-920.9	-922 000	-927.0	-926.9	-928 000	-932.0	-931.9	-934 000	-939.0	-938.9	-940 000	-944.0	-943.9	-946 000	-951.0	-950.9	-952 000	-957.0	-956.9	-958 000	-962.0	-961.9	-964 000	-969.0	-968.9	-970 000	-974.0	-973.9	-976 000	-981.0	-980.9	-982 000	-986.0	-985.9	-988 000	-991.0	-990.9	-992 000	-997.0	-996.9	-998 000	-1002.0	-1001.9	-1004 000	-1009.0	-1008.9	-1010 000	-1014.0	-1013.9	-1016 000	-1021.0	-1020.9	-1022 000	-1027.0	-1026.9	-1028 000	-1032.0	-1031.9	-1034 000	-1039.0	-1038.9	-1040 000	-1044.0	-1043.9	-1046 000	-1051.0	-1050.9	-1052 000	-1057.0	-1056.9	-1058 000	-1062.0	-1061.9	-1064 000	-1069.0	-1068.9	-1070 000	-1074.0	-1073.9	-1076 000	-1081.0	-1080.9	-1082 000	-1086.0	-1085.9	-1088 000	-1091.0	-1090.9	-1092 000	-1097.0	-1096.9	-1098 000	-1102.0	-1101.9	-1104 000	-1109.0	-1108.9	-1110 000	-1114.0	-1113.9	-1116 000	-1121.0	-1120.9	-1122 000	-1127.0	-1126.9	-1128 000	-1132.0	-1131.9	-1134 000	-1139.0	-1138.9	-1140 000	-1144.0	-1143.9	-1146 000	-1151.0	-1150.9	-1152 000	-1157.0	-1156.9	-1158 000	-1162.0	-1161.9	-1164 000	-1169.0	-1168.9	-1170 000	-1174.0	-1173.9	-1176 000	-1181.0	-1180.9	-1182 000	-1186.0	-1185.9	-1188 000	-1191.0	-1190.9	-1192 000	-1197.0	-1196.9	-1198 000	-1202.0	-1201.9	-1204 000	-1209.0	-1208.9	-1210 000	-1214.0	-1213.9	-1216 000	-1221.0	-1220.9	-1222 000	-1227.0	-1226.9	-1228 000	-1232.0	-1231.9	-1234 000	-1239.0	-1238.9	-1240 000	-1244.0	-1243.9	-1246 000	-1251.0	-1250.9	-1252 000	-1257.0	-1256.9	-1258 000	-1262.0	-1261.9	-1264 000	-1269.0	-1268.9	-1270 000	-1274.0	-1273.9	-1276 000	-1281.0	-1280.9	-1282 000	-1286.0	-1285.9	-1288 000	-1291.0	-1290.9	-1292 000	-1297.0	-1296.9	-1298 000	-1302.0	-1301.9	-1304 000	-1309.0	-1308.9	-1310 000	-1314.0	-1313.9	-1316 000	-1321.0	-1320.9	-1322 000	-1327.0	-1326.9	-1328 000	-1332.0	-1331.9	-1334 000	-1339.0	-1338.9	-1340 000	-1344.0	-1343.9	-1346 000	-1351.0	-1350.9	-1352 000	-1357.0	-1356.9	-1358 000	-1362.0	-1361.9	-1364 000	-1369.0	-1368.9	-1370 000	-1374.0	-1373.9	-1376 000	-1381.0	-1380.9	-1382 000	-1386.0	-1385.9	-1388 000	-1391.0	-1390.9	-1392 000	-1397.0	-1396.9	-1398 000	-1402.0	-1401.9	-1404 000	-1409.0	-1408.9	-1410 000	-1414.0	-1413.9	-1416 000	-1421.0	-1420.9	-1422 000	-1427.0	-1426.9	-1428 000	-1432.0	-1431.9	-1434 000	-1439.0	-1438.9	-1440 000	-1444.0	-1443.9	-1446 000	-1451.0	-1450.9	-1452 000	-1457.0	-1456.9	-1458 000	-1462.0	-1461.9	-1464 000	-1469.0	-1468.9	-1470 000	-1474.0	-1473.9	-1476 000	-1481.0	-1480.9	-1482 000	-1486.0	-1485.9	-1488 000	-1491.0	-1490.9	-1492 000	-1497.0	-1496.9	-1498 000	-1502.0	-1501.9	-1504 000	-1509.0	-1508.9	-1510 000	-1514.0	-1513.9	-1516 000	-1521.0	-1520.9	-1522 000	-1527.0	-1526.9	-1528 000	-1532.0	-1531.9	-1534 000	-1539.0	-1538.9	-1540 000	-1544.0	-1543.9	-1546 000	-1551.0	-1550.9	-1552 000	-1557.0	-1556.9	-1558 000	-1562.0	-1561.9	-1564 000	-1569.0	-1568.9	-1570 000	-1574.0	-1573.9	-1576 000	-1581.0	-1580.9	-1582 000	-1586.0	-1585.9	-1588 000	-1591.0	-1590.9	-1592 000	-1597.0	-1596.9	-1598 000	-1602.0	-1601.9	-1604 000	-1609.0	-1608.9	-1610 000	-1614.0	-1613.9	-1616 000	-1621.0	-1620.9	-1622 000	-1627.0	-1626.9	-1628 000	-1632.0	-1631.9	-1634 000	-1639.0	-1638.9	-1640 000	-1644.0	-1643.9	-1646 000	-1651.0	-1650.9	-1652 000	-1657.0	-1656.9	-1658 000	-1662.0	-1661.9	-1664 000	-1669.0	-1668.9	-1670 000	-1674.0	-1673.9	-1676 000	-1681.0	-1680.9	-1682 000	-1686.0	-1685.9	-1688 000	-1691.0	-1690.9	-1692 000	-1697.0	-1696.9	-1698 000	-1702.0	-1701.9	-1704 000	-1709.0	-1708.9	-1710 000	-1714.0	-1713.9	-1716 000	-1721.0	-1720.9	-1722 000	-1727.0	-1726.9	-1728 000	-1732.0	-1731.9	-1734 000	-1739.0	-1738.9	-1740 000	-1744.0	-1743.9	-1746 000	-1751.0	-1750.9	-1752 000	-1757.0	-1756.9	-1758 000	-1762.0	-1761.9	-1764 000	-1769.0	-1768.9	-1770 000	-1774.0	-1773.9	-1776 000	-1781.0	-1780.9	-1782 000	-1786.0	-1785.9	-1788 000	-1791.0	-1790.9	-1792 000	-1797.0	-1796.9	-1798 000	-1802.0	-1801.9	-1804 000	-1809.0	-1808.9	-1810 000	-1814.0	-1813.9	-1816 000	-1821.0	-1820.9	-1822 000	-1827.0	-1826.9	-1828 000	-1832.0	-1831.9	-1834 000	-

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

BRITISH
STANDARDS

888 SERIES 1

65 360 kg 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*b	68.0	63.3	22 900*															13.7	
14.0	74.0	64.9	25 300*b																			
16.0	70.9	64.3	24 000*																			
18.0	67.8	63.5	22 700*																			
20.0	64.7	62.6	21 400*																			
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	19 400									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	17 700									30.0	
32.0	43.1	53.9	15 400*	47.4	55.7	16 600*	49.8	56.6	17 200	53.6	57.7	16 200	53.6	57.0	14 100						32.0	
34.0	38.7	51.6	14 100*	43.3	53.8	15 600*	45.9	54.8	15 900	49.9	56.2	15 000										
36.0	33.8	48.8	12 900*	38.9	51.5	14 200*	41.7	52.7	14 700	46.0	54.4	13 900										
38.0	28.1	45.5	11 900*	34.1	48.8	13 000*	37.2	50.3	13 700	41.9	52.3	12 900										
40.0	21.2	41.1	10 900*	28.5	45.5	12 000*	32.1	47.4	12 600*	37.3	49.9	12 000										
42.0	10.7	34.1	9 400*	21.7	41.2	11 000*	26.2	43.8	11 600*	32.3	47.0	11 200	37.4	49.2	10 500	41.8	50.7	9 900	45.7	51.6	9 200	
44.0				11.5	34.5	10 100*	18.5	39.0	10 700*	26.4	43.4	10 500	32.3	46.3	9 900	37.2	48.2	9 200	41.5	49.5	8 600	
46.0										26.4	42.8	9 800	26.4	42.8	9 200	32.1	45.4	8 600	36.9	47.0	8 000	
48.0										18.8	38.6	9 800	18.9	38.0	8 600	26.2	41.8	8 000	31.8	44.1	7 500	
50.0																18.6	36.9	7 500	25.7	40.4	7 000	
52.0																			18.0	35.5	6 600	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.6	74.0	19 300*																			15.2
16.0	74.6	73.8	18 900*																			16.0
18.0	72.2	73.2	17 800*																			18.0
20.0	69.7	72.5	16 800*																			20.0
22.0	67.1	71.7	15 800*	69.8	72.4	16 900*																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	15 500*													26.0
28.0	59.2	68.7	13 100*	62.1	69.7	14 100*	63.8	70.1	14 600*													28.0
30.0	56.5	67.5	12 300*	59.4	68.6	13 300*	61.1	69.0	13 800*													30.0
32.0	53.6	66.1	11 600*	56.6	67.3	12 400*	58.4	67.9	13 000*													32.0
34.0	50.6	64.5	10 800*	53.8	65.9	11 700*	55.6	66.6	12 200*	58.5	67.4	12 900*										34.0
36.0	47.5	62.8	10 200*	50.8	64.4	11 000*	52.7	65.1	11 400*	55.7	66.1	12 200*										36.0
38.0	44.2	60.8	9 500*	47.7	62.6	10 300*	49.7	63.5	10 700*	52.8	64.7	11 500*	55.7	65.4	11 700							38.0
40.0	40.8	58.6	9 000*	44.4	60.7	9 600*	46.5	61.7	10 100*	49.8	63.1	10 800*	52.8	64.0	10 900							40.0
42.0	37.0	56.2	8 400*	41.0	58.6	9 000*	43.2	59.7	9 400*	46.6	61.3	10 100*	49.8	62.4	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	9 400	49.7	61.5	8 800				44.0
46.0	28.3	49.9	7 400*	33.2	53.3	8 000*	35.8	54.9	8 300*	39.7	57.0	8 900*	43.3	58.6	8 800	46.5	59.7	8 200				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	8 300	43.2	57.7	7 700	46.3	58.5	7 100	48.0
50.0	15.7	40.0	6 600*	23.2	45.8	7 100*	26.7	48.3	7 400*	31.7	51.4	7 900*	35.9	53.8	7 800	39.6	55.4	7 200	43.0	56.5	6 600	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	7 300	35.8	52.8	6 800	39.4	54.2	6 200	52.0
54.0							12.7	37.1	6 600*	21.1	43.4	7 000*	26.9	47.2	6 900	31.6	49.8	6 300	35.5	51.6	5 800	54.0
56.0										13.1	36.9	6 600*	21.1	42.7	6 500	26.7	46.2	6 000	31.3	48.5	5 500	56.0
58.0																20.9	41.7	5 600	26.4	44.9	5 100	58.0
60.0																12.8	35.1	5 300	20.5	40.3	4 800	60.0
62.0																			12.1	33.4	4 500	62.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.6	76.8	17 100*																			16.8
18.0	73.2	76.4	16 500*																			18.0
20.0	70.9	75.8	15 500*																			20.0
22.0	68.6	75.0	14 600*																			22.0
24.0	66.2	74.2	13 700*	68.7	74.9	14 700*																24.0
26.0	63.7	73.3	12 800*	66.3	74.0	13 800*	67.8	74.3	14 300*													26.0
28.0	61.2	72.2	12 000*	63.9	73.1	13 000*	65.4	73.5	13 500*													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	11 800*										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	8 100				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	7 500				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	7 000				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	6 600	43.3	58.8	6 100	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	6 200	40.0	56.5	5 700	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	5 800	36.4	54.0	5 300	56.0
58.0										17.2	41.1	5 100*	23.6	45.9	5 600*	28.5	49.0	5 500	32.5	51.1	5 000	58.0
60.0													17.2	40.5	5 100*	23.4	44.9	5 100	28.1	47.7	4 700	60.0
62.0																17.0	39.4	4 800	23.0	43.5	4 400	62.0
64.0																5.8	29.5	4 500	16.5	37.9	4 100	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	60.4	48.4	43 900*b																			13.7
14.0	59.5	48.2	43 700*b																			14.0
16.0	53.0	46.9	40 600*b	60.7	48.2	44 000b																16.0
18.0	46.0	45.2	34 300*	54.3	46.9	38 000b	58.8	47.6	36 800b													18.0
20.0	37.9	43.0	29 700*	47.4	45.3	33 200	52.3	46.2	32 100b	59.9	47.2	30 400b										20.0
22.0	28.0	39.9	26 000*	39.5	43.2	29 400	45.2	44.5	28 400	53.4	45.9	26 900b										22.0
24.0	12.5	34.5	21 900*	30.1	40.3	26 300	37.0	42.2	25 400	46.4	44.2	24 000	54.3	45.3	22 700							24.0
26.0							26.8	39.0	23 000	38.4	42.0	21 700	47.4	43.7	20 400							26.0
28.0										28.7	39.0	19 700	39.6	41.6	18 600	48.1	42.9	17 500				28.0
30.0										13.9	33.9	18 000	30.2	38.7	17 000	40.3	40.8	15 900				30.0
32.0													16.6	34.1	15 600	31.1	38.1	14 600	40.7	39.8	13 700	32.0
34.0																18.3	33.7	13 500	31.6	37.1	12 600	34.0
36.0																			19.1	32.8	11 600	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	34 500*	59.3	50.6	38 000b	63.1	51.1	36 700b													18.0
20.0	46.3	47.5	29 700*	53.7	49.2	33 100	57.7	50.0	31 900													20.0
22.0	39.4	45.3	26 100*	47.6	47.6	29 300	51.9	48.6	28 300	58.6	49.6	26 700b										22.0
24.0	31.3	42.5	23 100*	40.8	45.5	26 200	45.7	46.8	25 300	52.9	48.2	23 900										24.0
26.0	20.5	38.4	20 500*	33.0	42.9	23 600	38.7	44.6	22 900	46.7	46.5	21 600	53.7	47.6	20 300							26.0
28.0				23.0	39.1	21 100*	30.4	41.7	20 800	39.9	44.4	19 600	47.6	46.0	18 400							28.0
30.0							19.1	37.3	19 000	31.8	41.6	17 900	40.8	43.9	16 800	48.2	45.2	15 800				30.0
32.0										21.3	37.6	16 400	33.0	41.3	15 500	41.5	43.2	14 500				32.0
34.0													23.0	37.5	14 200	33.8	40.6	13 300	41.8	42.1	12 500	34.0
36.0																24.1	37.0	12 300	34.2	39.6	11 500	36.0
38.0																5.8	29.5	11 300	24.6	36.0	10 600	38.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB. OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	70.8	55.8	37 700*b																			12.2
14.0	66.7	55.1	35 600*b																			14.0
16.0	62.1	54.1	34 100*b	67.6	55.0	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	30 100*	58.2	52.9	32 900	61.6	53.5	31 900													20.0
22.0	46.6	49.8	26 400*	53.1	51.6	29 200	56.8	52.3	28 200													22.0
24.0	40.6	47.7	23 400*	47.7	49.9	26 100	51.6	50.9	25 200	57.6	51.9	23 800										24.0
26.0	33.7	45.1	20 900*	41.8	47.9	23 600	46.1	49.1	22 800	52.5	50.5	21 400										26.0
28.0	25.1	41.5	18 700*	35.1	45.4	21 400	39.9	47.0	20 700	47.0	48.8	19 500	53.2	50.0	18 300							28.0
30.0	12.0	35.6	16 600*	27.0	42.0	19 200*	32.9	44.2	19 000	41.0	46.8	17 800	47.7	48.3	16 700							30.0
32.0				15.4	36.9	17 200*	24.1	40.6	17 400	34.1	44.2	16 400	41.8	46.3	15 400	48.3	47.5	14 300				32.0
34.0										25.7	40.7	15 100	35.1	43.8	14 200	42.4	45.5	13 200				34.0
36.0										13.1	35.0	14 000	27.0	40.4	13 100	35.8	43.1	12 200	42.7	44.5	11 400	36.0
38.0													15.4	35.3	12 200	27.8	39.8	11 300	36.1	42.0	10 600	38.0
40.0																16.8	35.0	10 500	28.2	38.9	9 800	40.0
42.0																			17.5	34.1	9 100	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	31 700												20.0	
22.0	51.8	53.8	26 300*	57.3	55.3	28 700	60.4	55.9	28 000												22.0	
24.0	46.9	52.1	23 400*	52.7	53.9	26 000	56.0	54.6	25 100												24.0	
26.0	41.5	50.0	20 900*	47.9	52.2	23 500	51.3	53.2	22 600	56.7	54.3	21 300									26.0	
28.0	35.4	47.5	18 800*	42.6	50.2	21 300	46.4	51.4	20 600	52.1	52.8	19 300									28.0	
30.0	28.3	44.3	17 000*	36.7	47.8	19 300*	40.9	49.3	18 800	47.2	51.1	17 700	52.8	52.3	16 500						30.0	
32.0	18.9	39.7	15 400*	29.8	44.7	17 400*	34.8	46.7	17 300	41.8	49.1	16 200	47.9	50.6	15 200						32.0	
34.0				21.0	40.5	15 700*	27.5	43.4	16 000	35.8	46.6	15 000	42.6	48.6	14 000	48.3	49.8	13 000			34.0	
36.0							17.7	38.6	14 800	28.8	43.5	13 900	36.7	46.2	12 900	43.1	47.9	12 100			36.0	
38.0										19.6	39.0	12 900	29.8	43.2	12 000	37.3	45.5	11 200	43.3	46.8	10 400	38.0
40.0													21.0	38.9	11 200	30.5	42.5	10 400	37.5	44.4	9 600	40.0
42.0																22.0	38.4	9 700	30.9	41.5	9 000	42.0
44.0																6.9	30.7	9 000	22.5	37.5	8 400	44.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	74.4	62.1	33 100*b																			12.2
14.0	71.1	61.6	32 100*b																			14.0
16.0	67.5	60.8	30 300*																			16.0
18.0	63.7	59.9	28 700*	68.2	60.7	31 000*																18.0
20.0	59.9	58.8	27 200*	64.5	59.9	29 400*	67.1	60.2	30 400													20.0
22.0	55.8	57.6	25 600*	60.6	58.8	27 800*	63.4	59.3	28 200													22.0
24.0	51.6	56.1	23 500*	56.6	57.6	25 900	59.5	58.2	25 000													24.0
26.0	47.1	54.4	20 900*	52.4	56.2	23 400	55.4	57.0	22 600	60.1	57.8	21 300										26.0
28.0	42.2	52.4	18 800*	48.0	54.5	21 300	51.1	55.5	20 500	56.1	56.6	19 300										28.0
30.0	36.8	50.0	17 100*	43.2	52.5	19 300*	46.6	53.7	18 800	51.8	55.1	17 700										30.0
32.0	30.7	47.0	15 600*	37.9	50.2	17 400*	41.7	51.7	17 300	47.4	53.4	16 200	52.4	54.6	15 100							32.0
34.0	23.1	43.0	14 200*	31.9	47.3	15 900*	36.3	49.2	16 000	42.5	51.4	15 000	48.0	52.9	14 000							34.0
36.0	11.7	36.6	12 500*	24.7	43.6	14 500*	30.0	46.1	14 800	37.2	49.0	13 900	43.2	50.9	12 900	48.4	52.1	12 000				36.0
38.0				14.6	38.0	13 200*	22.2	42.0	13 700	31.1	46.1	12 900	37.9	48.6	12 000	43.6	50.2	11 200				38.0
40.0													31.9	45.7	11 200	38.4	47.9	10 400	43.9	49.1	9 600	40.0
42.0										12.7	36.1	11 200	24.7	42.0	10 400	32.6	45.1	9 700	38.7	46.8	9 000	42.0
44.0													14.6	36.4	9 700	25.5	41.5	9 000	25.9	40.5	8 400	44.0
46.0																15.8	36.2	8 400				46.0
48.0																			16.4	35.3	7 300	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	24 900													24.0
26.0	51.4	58.4	20 900*	56.0	59.9	23 100	58.6	60.6	22 400	62.8	61.3	21 000										26.0
28.0	47.2	56.7	18 800*	52.1	58.5	21 200	54.9	59.3	20 400	59.2	60.2	19 100										28.0
30.0	42.8	54.7	17 000*	48.0	56.8	19 200*	51.0	57.8	18 700	55.5	58.9	17 500										30.0
32.0	38.0	52.4	15 500*	43.7	54.9	17 400*	46.8	56.0	17 100	51.6	57.4	16 100										32.0
34.0	32.5	49.5	14 200*	38.9	52.6	15 800*	42.3	54.0	15 800	47.5	55.7	14 800	52.1	56.9	13 800							34.0
36.0	26.1	46.0	13 000*	33.6	49.9	14 500*	37.5	51.6	14 700	43.1	53.8	13 700	48.1	55.2	12 800							36.0
38.0	17.8	41.0	11 900*	27.5	46.5	13 300*	31.9	48.7	13 700	38.3	51.4	12 700	43.7	53.3	11 800	48.4	54.4	11 000				38.0
40.0				19.6	41.9	12 100*	25.4	45.1	12 700	32.9	48.6	11 900	38.9	51.0	11 100	44.1	52.5	10 200				40.0
42.0							16.7	39.9	11 800	26.6	45.1	11 100	33.6	48.3	10 300	39.4	50.3	9 500	44.3	51.4	8 800	42.0
44.0										18.4	40.3	10 400	27.5	44.9	9 600	34.2	47.6	8 900	39.6	49.2	8 200	44.0
46.0													19.6	40.3	9 000	28.1	44.3	8 300	34.4	46.6	7 600	46.0
48.0																20.5	39.8	7 800	28.4	43.3	7 200	48.0
50.0																7.5	31.8	7 200	20.9	38.9	6 700	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.7	74.0	21 000*																			15.2
16.0	73.7	73.7	20 500*																			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	14 500*										34.0
36.0	44.1	61.7	11 500*	48.2	63.7	12 400*	50.6	64.7	13 000*	54.2	65.9	13 400*										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	12 400*	54.7	65.3	11 500							38.0
40.0	36.3	56.9	10 300*	41.1	59.7	11 100*	43.7	61.0	11 600*	47.8	62.6	11 500*	51.5	63.8	10 700							40.0
42.0	31.9	54.0	9 700*	37.1	57.2	10 500*	40.0	58.7	10 900*	44.3	60.7	10 800*	48.2	62.1	9 900							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	10 100*	44.8	60.2	9 300	48.6	61.3	8 500				44.0
46.0	20.5	45.8	8 800*	27.8	50.9	9 400*	31.4	53.2	9 800*	36.6	56.0	9 400*	41.1	58.1	8 700	45.1	59.4	7 900				46.0
48.0	11.3	38.8	7 900*	21.8	46.6	8 900*	26.2	49.5	9 300*	32.1	53.1	8 900*	37.1	55.6	8 100	41.5	57.3	7 500	45.3	58.4	6 800	48.0
50.0				13.5	40.3	8 200*	19.7	44.8	8 700*	27.1	49.6	8 300*	32.8	52.7	7 600	37.5	54.9	7 000	41.6	56.3	6 400	50.0
52.0										20.9	45.1	7 800*	27.8	49.3	7 200	33.2	52.1	6 500	37.7	53.8	5 900	52.0
54.0										12.0	38.3	7 300*	21.8	45.0	6 800	28.3	48.7	6 100	33.4	51.0	5 500	54.0
56.0													13.5	38.7	6 300	22.4	44.5	5 800	28.5	47.7	5 200	56.0
58.0																14.5	38.5	5 400	22.7	43.5	4 900	58.0
60.0																			15.0	37.7	4 600	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.7	77.1	19 300*																			15.2
16.0	74.7	76.9	18 900*																			16.0
18.0	72.3	76.3	17 800*																			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	16 100*																24.0
26.0	62.1	72.9	14 000*	65.2	73.9	15 100*	67.0	74.3	15 700*													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	13 200*										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	10 500							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	9 800							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	9 100	48.6	63.6	7 800				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	8 500	45.4	61.7	7 300				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	8 000	42.0	59.6	6 800	45.5	60.7	6 100	48.0
50.0	16.2	43.5	6 700*	24.3	49.7	7 200*	28.1	52.3	7 500*	33.4	55.6	8 100*	38.0	58.0	7 500	38.3	57.3	6 400	42.1	58.6	5 800	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	7 000							52.0
54.0							15.3	42.2	6 700*	23.5	48.2	7 200*	29.5	52.0	6 600	34.4	54.6	6 000	38.5	56.2	5 400	54.0
56.0										16.7	42.8	6 800	24.3	48.1	6 200	29.9	51.4	5 600	34.6	53.5	5 000	56.0
58.0													17.7	42.9	5 800	24.8	47.5	5 200	30.2	50.4	4 700	58.0
60.0																18.5	42.5	4 900	25.1	46.6	4 400	60.0
62.0																8.3	34.0	4 600	18.8	41.6	4 100	62.0
64.0																			9.0	33.5	3 800	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.7	79.8	17 100*																			16.8
18.0	73.4	79.5	16 500*																			18.0
20.0	71.0	78.9	15 500*																			20.0
22.0	68.7	78.1	14 600*																			22.0
24.0	66.3	77.3	13 700*	69.1	78.0	14 800*																24.0
26.0	63.9	76.4	12 800*	66.8	77.2	13 900*																26.0
28.0	61.4	75.3	12 100*	64.3	76.3	13 100*	66.0	76.7	13 600*													28.0
30.0	58.8	74.2	11 300*	61.8	75.3	12 300*	63.6	75.8	12 800*													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	12 100*										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	11 400*										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	10 400							40.0
42.0	41.5	64.2	7 500*	45.3	66.4	8 200*	47.5	67.5	8 600*	50.9	69.0	9 400*	54.0	69.9	9 600							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	9 000							44.0
46.0	34.2	59.0	6 600*	38.7	62.0	7 200*	41.1	63.4	7 500*	44.9	65.3	8 200*	48.3	66.7	8 400	51.5	67.6	7 600				46.0
48.0	30.1	55.8	6 100*	35.0	59.3	6 700*	37.6	61.0	7 000*	41.7	63.2	7 700*	45.3	64.8	7 800	48.6	65.9	7 100				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	7 400	45.6	64.0	6 700				50.0
52.0	19.5	47.2	5 200*	26.3	52.6	5 800*	29.6	55.0	6 100*	34.5	58.1	6 700*	38.7	60.4	6 900	42.4	62.0	6 300	45.7	63.0	5 600	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	6 500	39.0	59.6	5 800	42.6	60.9	5 200	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	6 100	35.4	57.0	5 500	39.2	58.6	4 900	56.0
58.0										19.9	46.4	5 200*	26.3	51.0	5 700	31.3	54.0	5 200	35.5	56.0	4 600	58.0
60.0										11.8	39.4	4 800*	20.8	46.4	5 300	26.8	50.4	4 800	31.5	53.0	4 300	60.0
62.0													13.2	39.8	4 900*	21.3	45.9	4 500	27.0	49.4	4 000	62.0
64.0																14.1	39.6	4 200	21.6	45.0	3 700	64.0
66.0																			14.5	38.8	3 500	66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	60.7	51.5	43 900*b																			13.7
14.0	59.8	51.3	43 700*b																			14.0
16.0	53.4	50.0	40 800*b	61.8	51.4	44 100b																16.0
18.0	46.4	48.3	34 600*	55.5	50.2	37 700b	60.5	50.9	36 400b													18.0
20.0	38.4	46.1	30 000*	48.7	48.7	32 900	54.1	49.6	31 800b	62.3	50.6	29 800b										20.0
22.0	28.6	43.1	26 400*	41.1	46.7	29 200	47.2	48.0	28 100	56.0	49.4	26 400b										22.0
24.0	13.7	38.0	22 500*	32.1	44.0	26 100	39.3	45.9	25 200	49.3	47.9	23 600										24.0
26.0							29.8	43.0	22 700	41.7	45.9	21 300	51.1	47.5	19 900							26.0
28.0										32.8	43.3	19 300	43.8	45.6	18 100							28.0
30.0										21.0	39.4	17 600	35.3	43.2	16 500	45.4	45.0	15 400				30.0
32.0													24.6	39.7	15 100	37.3	42.7	14 100	38.7	41.9	12 000	32.0
34.0																27.2	39.6	13 000	29.1	38.9	11 100	34.0
36.0																			14.7	33.9	10 200	36.0
38.0																						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 400b																16.0
18.0	52.8	52.3	34 800*	60.3	53.8	37 800b	64.5	54.4	36 300b													18.0
20.0	46.7	50.6	29 900*	54.7	52.5	32 800	59.1	53.3	31 600b													20.0
22.0	39.8	48.5	26 300*	48.7	51.0	29 000	53.5	52.0	28 000	60.7	53.0	26 200b										22.0
24.0	31.8	45.7	23 400*	42.1	49.0	26 000	47.4	50.3	25 000	55.2	51.7	23 400										24.0
26.0	21.2	41.7	21 100*	34.6	46.5	23 500	40.6	48.2	22 600	49.2	50.2	21 100	56.6	51.2	19 700							26.0
28.0				25.1	43.0	21 300	32.8	45.5	20 500	42.7	48.3	19 200	50.8	49.8	17 900							28.0
30.0							22.6	41.7	18 800	35.2	45.8	17 600	44.5	47.9	16 400	45.9	47.3	13 900				30.0
32.0										26.0	42.4	16 100	37.3	45.6	15 000	37.3	45.1	12 800				32.0
34.0													28.6	42.5	13 800	38.9	45.1	12 800	40.1	44.2	10 900	34.0
36.0													16.3	37.7	12 700	30.7	42.2	11 800	32.2	41.5	10 100	36.0
38.0																19.6	38.0	11 000	21.8	37.6	9 400	38.0
40.0																						40.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	71.0	58.8	37 600*b																			12.2
14.0	67.0	58.1	35 500*b																			14.0
16.0	62.4	57.2	34 100*b	68.4	58.1	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	30 300*	59.1	56.2	32 800	62.9	56.8	31 500b													20.0
22.0	46.9	52.9	26 500*	54.1	54.9	29 000	58.1	55.6	27 900													22.0
24.0	40.9	50.9	23 600*	48.8	53.3	25 900	53.0	54.3	24 900	59.5	55.4	23 300										24.0
26.0	34.1	48.3	21 200*	42.9	51.3	23 400	47.6	52.6	22 500	54.5	54.1	21 000										26.0
28.0	25.7	44.8	19 200*	36.4	48.9	21 300	41.6	50.6	20 500	49.2	52.5	19 100	55.8	53.6	17 800							28.0
30.0	13.0	39.1	17 200*	28.6	45.8	19 500	34.9	48.0	18 700	43.4	50.6	17 400	50.6	52.1	16 200							30.0
32.0				18.1	41.1	17 900	26.7	44.7	17 200	36.9	48.2	16 100	45.0	50.3	14 900							32.0
34.0										29.3	45.1	14 800	38.7	48.0	13 700	46.2	49.6	12 700				34.0
36.0										19.1	40.7	13 700	31.4	45.2	12 700	40.1	47.5	11 700				36.0
38.0													22.2	41.2	11 800	33.1	44.8	10 900	41.2	46.6	10 000	38.0
40.0																24.4	41.1	10 100	34.4	44.0	9 300	40.0
42.0																			26.1	40.6	8 600	42.0
44.0																			13.8	35.0	8 000	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	31 300													20.0
22.0	52.1	56.9	26 300*	58.2	58.5	28 800	61.6	59.2	27 700													22.0
24.0	47.2	55.2	23 500*	53.6	57.2	25 800	57.2	58.0	24 800													24.0
26.0	41.8	53.2	21 100*	48.8	55.6	23 300	52.6	56.6	22 300	58.5	57.7	20 900										26.0
28.0	35.8	50.7	19 000*	43.6	53.6	21 200	47.7	54.9	20 300	54.0	56.4	18 900										28.0
30.0	28.7	47.5	17 300*	37.8	51.3	19 400	42.4	52.9	18 600	49.2	54.8	17 300	55.2	55.9	16 000							30.0
32.0	19.5	43.1	15 900*	31.2	48.4	17 800	36.5	50.5	17 100	44.0	52.9	15 900	50.5	54.4	14 700							32.0
34.0				22.9	44.5	16 300*	29.6	47.4	15 800	38.3	50.6	14 600	45.4	52.6	13 600	51.5	53.6	12 500				34.0
36.0							20.7	43.1	14 600	31.7	47.8	13 600	39.8	50.4	12 600	46.5	51.9	11 500				36.0
38.0										23.6	43.9	12 600	33.5	47.7	11 600	41.1	49.8	10 700				38.0
40.0													26.0	44.2	10 800	35.0	47.3	9 900	42.0	48.9	9 100	40.0
42.0													15.2	38.9	10 100	27.8	44.0	9 200	36.1	46.5	8 400	42.0
44.0																18.1	39.3	8 600	29.1	43.3	7 900	44.0
46.0																			20.0	38.9	7 300	46.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m		
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg			
12.2	74.6	65.2	32 900* b	65.2	63.1	29 600*	64.4	62.6	27 700												12.2			
14.0	71.3	64.7	32 000* b																					
16.0	67.7	63.9	30 300*																					
18.0	63.9	63.0	28 700*																					
20.0	60.1	62.0	27 200*																					
22.0	56.0	60.7	25 700*	61.3	62.0	28 000*	64.4	62.6	27 700												22.0			
24.0	51.8	59.3	24 000*	57.4	60.9	25 900	60.5	61.5	24 800															
26.0	47.3	57.5	21 500*	53.2	59.5	23 200	56.5	60.3	22 300													61.6	61.2	20 800
28.0	42.5	55.5	19 400*	48.8	57.9	21 200	52.3	58.9	20 300													57.7	60.1	18 900
30.0	37.1	53.1	17 600*	44.1	56.0	19 400	47.8	57.2	18 600													53.5	58.7	17 300
32.0	31.0	50.2	16 000*	38.9	53.7	17 800	43.0	55.2	17 100	49.2	57.1	15 900	54.6	58.2	14 700	46.7	54.2	10 700			32.0			
34.0	23.6	46.3	14 600*	33.1	50.9	16 400	37.8	52.9	15 800	44.5	55.2	14 600	50.3	56.7	13 500									
36.0	12.6	40.2	13 000*	26.2	47.4	15 100*	31.8	50.0	14 600	39.4	53.0	13 600	45.7	54.9	12 600									
38.0				16.9	42.4	13 800*	24.5	46.3	13 600	33.6	50.3	12 600	40.7	52.7	11 600									
40.0										26.8	46.8	11 700	35.2	50.2	10 800							41.9	52.2	9 900
42.0										17.8	42.0	11 000	28.7	47.0	10 100	36.4	49.7	9 300	42.7	51.2	8 400	42.0		
44.0													20.5	42.6	9 400	30.2	46.7	8 600	37.4	48.9	7 900	44.0		
46.0																22.5	42.6	8 100	31.3	45.9	7 400	46.0		
48.0																			23.9	42.1	6 900	48.0		
50.0																			13.2	36.2	6 400	50.0		

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.7	71.1	25 100*																			13.7
14.0	74.3	71.0	24 900*																			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	18 300	59.8	66.0	17 000										30.0
32.0	43.5	60.2	15 700*	48.8	62.5	17 000*	51.8	63.5	16 800	56.4	64.7	15 600										32.0
34.0	39.2	57.9	14 700*	44.9	60.6	16 100	48.0	61.8	15 500	52.9	63.3	14 300										34.0
36.0	34.3	55.2	13 500*	40.6	58.4	15 000	44.0	59.9	14 400	49.1	61.7	13 300	53.8	62.8	12 200							36.0
38.0	28.8	52.0	12 400*	35.9	55.9	13 900	39.7	57.6	13 300	45.2	59.8	12 300	50.1	61.3	11 300							38.0
40.0	22.0	47.8	11 400*	30.7	52.8	12 800*	34.9	55.0	12 400	41.0	57.7	11 500	46.2	59.5	10 500	50.9	60.6	9 600				40.0
42.0	12.2	41.3	10 300*	24.4	49.0	11 800*	29.4	51.8	11 600	36.3	55.2	10 700	42.1	57.4	9 800	47.1	58.8	8 900				42.0
44.0				16.0	43.6	10 900*	22.9	47.8	10 900	31.1	52.2	10 000	37.6	55.0	9 200	43.0	56.8	8 400				44.0
46.0										25.0	48.4	9 400	38.6	52.2	8 600	38.6	54.5	7 800	43.7	55.9	7 000	46.0
48.0										16.8	43.2	8 800	26.7	48.7	8 000	33.7	51.8	7 300	39.3	53.6	6 600	48.0
50.0													19.3	43.9	7 500	28.0	48.4	6 800	34.5	51.0	6 100	50.0
52.0																21.1	44.0	6 400	29.0	47.7	5 700	52.0
54.0																			22.4	43.6	5 400	54.0
56.0																			12.8	37.3	5 000	56.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.9	77.0	20 900*																			15.2
16.0	73.8	76.8	20 400*																			16.0
18.0	71.2	76.2	19 300*																			18.0
20.0	68.5	75.4	18 300*																			20.0
22.0	65.8	74.6	17 300*	69.4	75.4	18 700*																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	14 100										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	13 000										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	12 100										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	11 300	53.2	67.5	10 300							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	10 500	50.0	65.9	9 600							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	9 800	46.6	64.1	8 900	50.7	65.2	8 100				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	9 200	43.1	62.1	8 400	47.4	63.4	7 500				46.0
48.0	12.0	42.4	8 200*	23.0	50.5	9 000*	27.6	53.6	9 400	34.0	57.3	8 600	39.2	59.8	7 800	43.8	61.5	7 100				48.0
50.0				15.4	44.8	8 600*	21.6	49.2	8 900	29.2	54.0	8 100	35.1	57.2	7 400	40.1	59.2	6 600	44.4	60.5	5 900	50.0
52.0										23.5	50.0	7 600	30.5	54.0	6 900	36.0	56.7	6 200	40.7	58.4	5 500	52.0
54.0										16.1	44.4	7 100	25.1	50.3	6 500	31.5	53.7	5 800	36.7	55.9	5 100	54.0
56.0													18.3	45.2	6 100	26.3	50.1	5 400	32.3	52.9	4 800	56.0
58.0																20.0	45.4	5 100	27.3	49.5	4 500	58.0
60.0																			21.1	45.0	4 200	60.0
62.0																			12.5	38.4	3 900	62.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.8	80.2	19 200*																			15.2
16.0	74.9	80.0	18 800*																			16.0
18.0	72.4	79.4	17 800*																			18.0
20.0	69.9	78.7	16 800*																			20.0
22.0	67.4	77.9	15 800*																			22.0
24.0	64.8	77.0	14 900*	68.2	77.9	16 200*																24.0
26.0	62.2	76.0	14 000*	65.7	77.1	15 300*	67.7	77.5	15 900*													26.0
28.0	59.5	74.9	13 200*	63.1	76.1	14 400*	65.1	76.6	15 000*													28.0
30.0	56.8	73.7	12 400*	60.4	75.0	13 500*	62.5	75.6	14 200*													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	13 500*										34.0
36.0	47.9	69.1	10 300*	51.9	71.0	11 200*	54.2	71.9	11 900*	57.9	73.0	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	11 900										38.0
40.0	41.1	65.0	9 000*	45.7	67.5	9 900*	48.2	68.7	10 400*	52.1	70.2	11 100	55.8	71.2	10 100							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	10 300	52.9	69.8	9 400							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	9 600	49.9	68.2	8 800							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	9 000	46.8	66.4	8 200	50.6	67.5	7 400				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	8 400	43.4	64.4	7 700	47.5	65.7	6 900				48.0
50.0	16.6	46.9	6 700*	25.3	53.5	7 300*	29.4	56.3	7 600*	35.0	59.7	8 000	39.9	62.2	7 200	44.2	63.8	6 400				50.0
52.0				19.1	48.6	6 900*	24.1	52.3	7 200*	30.7	56.6	7 500	36.1	59.6	6 700	40.7	61.6	6 000	44.7	62.8	5 300	52.0
54.0							17.5	47.0	6 800*	25.8	52.9	7 000	31.9	56.6	6 300	37.0	59.1	5 600	41.3	60.7	5 000	54.0
56.0										19.7	48.1	6 600	27.1	53.1	5 900	32.8	56.2	5 300	37.6	58.3	4 600	56.0
58.0													21.4	48.7	5 600	28.2	52.9	4 900	33.6	55.5	4 300	58.0
60.0													13.6	42.3	5 200	22.8	48.7	4 600	29.0	52.2	4 000	60.0
62.0																15.6	42.9	4 300	23.7	48.1	3 800	62.0
64.0																			17.0	42.8	3 500	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.9	82.9	17 000*																			16.8
18.0	73.5	82.6	16 500*																			18.0
20.0	71.2	81.9	15 500*																			20.0
22.0	68.8	81.2	14 600*																			22.0
24.0	66.4	80.4	13 700*	69.6	81.2	14 900*																24.0
26.0	64.0	79.5	12 900*	67.2	80.4	14 100*																26.0
28.0	61.5	78.4	12 100*	64.8	79.5	13 200*	66.7	79.9	13 800*													28.0
30.0	58.9	77.3	11 300*	62.3	78.5	12 400*	64.3	79.0	13 000*													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	11 600*										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	9 300							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	8 600							44.0
46.0	34.5	62.2	6 600*	39.3	65.5	7 300*	42.0	67.0	7 700*	46.1	69.1	8 400*	49.9	70.5	8 000							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	7 500	50.5	69.8	6 700				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	7 000	47.5	68.0	6 300				50.0
52.0	19.9	50.5	5 200*	27.2	56.3	5 900*	30.8	58.9	6 300*	36.0	62.2	6 900*	40.5	64.5	6 600	44.5	66.1	5 900				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	6 200	41.2	63.9	5 500	45.0	65.1	4 800	54.0
56.0				14.9	45.9	4 900*	20.6	50.6	5 300*	27.6	55.7	6 000*	33.1	59.2	5 800	37.7	61.5	5 100	41.8	63.0	4 500	56.0
58.0										22.3	51.4	5 500*	28.8	55.8	5 500	34.0	58.7	4 800	38.3	60.7	4 200	58.0
60.0										15.5	45.6	5 000*	23.8	51.8	5 100	29.8	55.5	4 500	34.6	58.0	3 900	60.0
62.0													17.5	46.5	4 800	25.0	51.7	4 200	30.5	54.8	3 600	62.0
64.0													7.2	37.4	4 500	19.1	46.7	3 900	25.8	51.1	3 400	64.0
66.0																			20.2	46.4	3 200	66.0
68.0																			12.2	39.5	2 900	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	61.1	54.6	44 300*b																			13.7
14.0	60.1	54.4	44 000*b																			14.0
16.0	53.7	53.1	40 900*b																			16.0
18.0	46.7	51.5	34 900*																			18.0
20.0	38.8	49.3	30 200*	56.7	53.5	37 600b																20.0
				50.0	52.0	32 800b	55.8	53.0	31 400b													
22.0	29.2	46.4	26 600*	42.6	50.1	29 000	49.1	51.5	27 800b	58.5	52.9	25 900b										22.0
24.0	14.9	41.4	23 200*	33.9	47.6	26 000	41.5	49.5	24 900	52.0	51.5	23 100										24.0
26.0				22.5	43.8	23 400	32.6	46.8	22 500	44.8	49.7	20 900	54.6	51.1	19 300b							26.0
28.0							20.5	42.8	20 400	36.6	47.4	18 900	47.7	49.5	17 500							28.0
30.0										26.2	44.1	17 300	39.9	47.4	16 000							30.0
32.0										7.9	37.6	15 800	30.6	44.6	14 600	42.7	47.0	13 500				32.0
34.0																34.0	44.5	12 400	44.9	46.2	11 300	34.0
36.0																22.7	40.8	11 400	36.6	43.9	10 400	36.0
38.0																			26.4	40.6	9 600	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	34 900*																			18.0
20.0	47.0	53.8	30 400*	61.3	57.0	37 300b																20.0
				55.8	55.8	32 600	60.6	56.6	31 200b													
22.0	40.2	51.7	26 700*	49.9	54.3	28 900	55.0	55.3	27 600													22.0
24.0	32.3	49.0	23 800*	43.4	52.4	25 800	49.1	53.8	24 800	57.4	55.2	22 900										24.0
26.0	21.9	45.0	21 300*	36.1	50.0	23 300	42.5	51.8	22 300	51.6	53.8	20 700										26.0
28.0				27.1	46.8	21 200	35.0	49.3	20 300	45.4	52.0	18 800	53.9	53.4	17 300							28.0
30.0				13.5	41.4	19 300	25.7	45.9	18 600	38.3	49.8	17 200	47.8	51.8	15 800							30.0
32.0							10.5	39.8	17 000	29.9	46.8	15 800	41.1	49.8	14 500							32.0
34.0										18.4	42.4	14 500	33.4	47.1	13 300	43.5	49.3	12 200				34.0
36.0													23.5	43.4	12 400	36.2	46.9	11 300				36.0
38.0																27.2	43.7	10 500	38.4	46.3	9 500	38.0
40.0																			30.0	43.3	8 800	40.0
42.0																			18.5	38.9	8 100	42.0

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

33.5m (110 FT.) BOOM, 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	30 400*	60.0	59.4	32 600	64.1	60.0	31 100b												20.0	
22.0	47.3	56.1	26 700*	55.1	58.1	28 800	59.4	59.0	27 500												22.0	
24.0	41.3	54.0	23 800*	49.8	56.6	25 800	54.4	57.7	24 600												24.0	
26.0	34.5	51.5	21 300*	44.1	54.7	23 200	49.1	56.1	22 300	56.5	57.5	20 600									26.0	
28.0	26.2	48.0	19 300*	37.7	52.4	21 200	43.3	54.2	20 200	51.3	56.1	18 700									28.0	
30.0	14.0	42.6	17 500*	30.2	49.5	19 400	36.8	51.8	18 500	45.8	54.3	17 100	53.4	55.7	15 700						30.0	
32.0				20.4	45.2	17 800	29.1	48.7	17 000	39.6	52.2	15 700	48.0	54.1	14 400						32.0	
34.0							18.7	44.2	15 700	32.5	49.4	14 500	42.1	52.1	13 300	49.9	53.5	12 100			34.0	
36.0										23.6	45.7	13 400	35.4	49.6	12 300	44.1	51.7	11 200			36.0	
38.0										8.4	38.7	12 400	27.4	46.3	11 400	37.8	49.4	10 400			38.0	
40.0																30.3	46.4	9 600	39.7	48.7	8 700	40.0
42.0																20.6	42.2	8 900	32.6	45.9	8 100	42.0
44.0																			23.7	42.2	7 500	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*																		18.0	
20.0	57.0	61.5	28 200*	67.4	63.8	33 000*b															20.0	
				63.3	62.9	31 100	66.9	63.4	30 900b													
22.0	52.3	60.1	26 400*	59.0	61.8	28 800	62.7	62.4	27 400												22.0	
24.0	47.4	58.4	23 700*	54.5	60.5	25 600	58.4	61.3	24 500												24.0	
26.0	42.1	56.4	21 200*	49.7	58.9	23 100	53.9	60.0	22 100	60.2	61.1	20 400									26.0	
28.0	36.1	53.9	19 100*	44.6	57.0	21 000	49.0	58.4	20 100	55.8	59.9	18 500									28.0	
30.0	29.1	50.8	17 400*	38.9	54.8	19 200	43.9	56.5	18 300	51.1	58.4	16 900									30.0	
32.0	20.1	46.4	16 000*	32.5	52.0	17 700	38.1	54.2	16 900	46.1	56.6	15 500	53.0	58.1	14 200						32.0	
34.0				24.6	48.4	16 300	31.5	51.3	15 600	40.6	54.5	14 300	48.1	56.4	13 100						34.0	
36.0				12.9	42.5	15 100	23.4	47.5	14 400	34.4	51.9	13 200	42.8	54.4	12 100	49.8	55.8	11 000			36.0	
38.0																						
40.0																						
42.0																						
44.0																						
46.0																						
48.0																						

LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

33.5m (110 FT.) BOOM, 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			60DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.1	67.8	32 000*b																		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	28 100	65.4	65.8	27 400												22.0	
24.0	52.0	62.4	24 100*	58.1	64.1	25 700	61.5	64.8	24 400												24.0	
26.0	47.6	60.7	21 700*	54.0	62.8	23 100	57.6	63.7	22 100												26.0	
28.0	42.7	58.7	19 600*	49.6	61.2	21 000	53.4	62.3	20 000	59.3	63.5	18 500									28.0	
30.0	37.4	56.3	17 800*	45.0	59.4	19 200	49.0	60.7	18 300	55.2	62.2	16 900									30.0	
32.0	31.4	53.4	16 100*	39.9	57.2	17 700	44.3	58.8	16 900	50.9	60.7	15 500									32.0	
34.0	24.0	49.6	14 700*	34.3	54.5	16 300	39.2	56.6	15 600	46.4	58.9	14 300	52.6	60.4	13 100						34.0	
36.0	13.4	43.7	13 300*	27.6	51.2	15 100	33.4	53.8	14 400	41.4	56.9	13 300	48.2	58.7	12 100						36.0	
38.0				19.0	46.5	14 100	26.6	50.4	13 400	36.0	54.4	12 300	43.4	56.8	11 200	49.7	58.1	10 100			38.0	
40.0							17.5	45.4	12 500	29.7	51.3	11 500	38.2	54.4	10 400	45.1	56.3	9 400			40.0	
42.0										21.8	47.1	10 700	32.2	51.6	9 700	40.0	54.1	8 800			42.0	
44.0										8.8	39.8	10 000	25.1	47.9	9 100	34.3	51.5	8 200	41.5	53.4	7 300	44.0
46.0																27.7	48.1	7 600	36.0	50.9	6 800	46.0
48.0																19.1	43.5	7 100	29.7	47.8	6 400	48.0
50.0																			21.9	43.6	6 000	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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	74.9	74.2	24 800*																					
14.0	74.5	74.1	24 700*																					
16.0	71.4	73.5	23 900*																					
18.0	68.3	72.8	22 600*																					
20.0	65.2	71.9	21 400*																					
22.0	62.0	70.9	20 300*	69.8	72.8	23 200*																		
24.0	58.6	69.8	19 300*	66.6	71.1	21 000*																		
26.0	55.2	68.5	18 300*	63.5	70.0	20 000*																		
28.0	51.6	67.0	17 400*	60.2	68.8	19 000*																		
30.0	47.8	65.3	16 500*	56.8	67.4	18 000*																		
32.0	43.8	63.3	15 700*	53.2	65.8	17 100*	66.2	71.6	21 900*															
34.0	39.4	61.1	14 900*	63.0	70.7	20 900*																		
36.0	34.6	58.4	13 600*	59.7	69.6	19 700																		
38.0	29.1	55.2	12 500*	56.3	68.3	18 100																		
40.0	22.5	51.1	11 600*	61.1	69.4	16 500																		
42.0	12.9	44.8	10 500*	52.8	66.9	16 600	57.8	68.2	15 200															
44.0				49.0	65.3	15 300	54.3	66.8	14 000															
46.0				45.1	63.4	14 200	50.6	65.3	12 900													55.6	66.4	11 700
48.0				40.8	61.3	13 200	46.8	63.5	12 000													52.1	65.0	10 900
50.0				36.2	58.8	12 300	42.7	61.5	11 200													48.3	63.3	10 100
52.0				31.0	55.7	11 500	38.2	59.2	10 400	44.3	61.4	9 400												
54.0				24.8	52.0	10 700	33.3	56.4	9 800	40.0	59.2	8 800												
56.0				16.6	46.7	10 000	27.5	53.0	9 100	35.2	56.6	8 200												
							20.4	48.5	8 500	29.9	53.5	7 700												
							9.0	40.9	8 000	23.4	49.5	7 200												
52.0				25.7	52.8	12 000	49.6	62.7	8 400	45.7	60.9	7 900												
54.0				17.9	47.8	11 100*	42.7	58.8	7 300	41.5	58.8	6 800												
							38.2	55.7	6 400	36.9	56.3	6 000												
							33.2	52.7	5 600	31.8	53.4	5 100												
							27.6	49.5	4 600	27.6	49.5	4 100												
56.0				20.5	45.0	4 600	20.5	45.0	4 600	20.5	45.0	4 600												

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	76.0	77.3	23 100*																			13.7
14.0	75.6	77.3	23 000*																			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	15 000										32.0
34.0	44.1	65.7	13 500*	49.5	68.1	14 800*	52.5	69.2	15 100	57.2	70.5	13 800										34.0
36.0	40.1	63.5	12 800*	45.9	66.3	14 000*	49.0	67.6	14 000	53.9	69.2	12 800										36.0
38.0	35.8	60.9	12 100*	42.0	64.2	13 300*	45.4	65.7	13 000	50.5	67.6	11 800	55.2	68.8	10 700							38.0
40.0	30.9	57.8	11 500*	37.8	61.8	12 600*	41.5	63.6	12 100	46.9	65.8	11 000	51.8	67.3	9 900							40.0
42.0	25.2	54.1	10 600*	33.2	59.0	11 900*	37.2	61.2	11 300	43.1	63.8	10 300	48.3	65.6	9 200							42.0
44.0	17.8	49.0	9 800*	27.9	55.6	11 100*	32.5	58.3	10 600	39.1	61.6	9 600	44.6	63.7	8 600	49.6	65.0	7 700				44.0
46.0				21.5	51.3	10 200*	27.1	54.8	9 900	34.6	58.9	9 000	40.7	61.5	8 000	45.9	63.2	7 100				46.0
48.0				12.2	44.7	9 400*	20.5	50.3	9 300	29.5	55.7	8 400	36.4	59.0	7 500	42.1	61.1	6 700				48.0
50.0							10.3	43.0	8 700	23.5	51.7	7 900	31.6	56.1	7 000	37.9	58.8	6 200	43.2	60.4	5 400	50.0
52.0										15.4	46.0	7 400	26.0	52.4	6 600	33.3	56.0	5 800	39.1	58.1	5 000	52.0
54.0													18.9	47.6	6 200	28.0	52.6	5 500	34.6	55.4	4 700	54.0
56.0																21.6	48.2	5 100	29.6	52.2	4 400	56.0
58.0																			23.5	48.2	4 100	58.0
60.0																			15.5	42.6	3 800	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.0	80.1	20 800*																			15.2
16.0	74.0	79.9	20 400*																			16.0
18.0	71.4	79.3	19 300*																			18.0
20.0	68.7	78.5	18 300*																			20.0
22.0	66.0	77.7	17 300*	69.9	78.6	18 800*																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	17 600*													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	13 800*	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	13 700										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	12 700										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	11 800										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	11 000	54.8	71.1	9 900							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	10 200	51.7	69.6	9 200							42.0
44.0	27.3	56.9	9 300*	34.4	61.5	10 200*	38.1	63.6	10 500	43.6	66.2	9 500	48.4	67.9	8 600							44.0
46.0	21.2	52.5	8 800*	29.7	58.3	9 600*	33.8	60.8	9 900	39.8	63.9	8 900	44.9	66.0	8 000	49.5	67.3	7 100				46.0
48.0	12.6	45.9	8 400*	24.2	54.4	9 200*	29.0	57.5	9 300	35.7	61.3	8 400	41.3	63.9	7 500	46.1	65.5	6 600				48.0
50.0				17.1	49.1	8 700*	23.3	53.5	8 700	31.1	58.3	7 900	37.3	61.4	7 000	42.5	63.5	6 200				50.0
52.0							15.9	47.9	8 200	25.9	54.6	7 400	33.0	58.6	6 600	38.7	61.1	5 800	43.6	62.7	5 000	52.0
54.0										19.4	49.8	6 900	28.0	55.2	6 200	34.5	58.4	5 400	39.8	60.4	4 700	54.0
56.0										9.2	42.0	6 500	22.1	50.9	5 800	29.8	55.3	5 100	35.7	57.8	4 400	56.0
58.0																24.3	51.3	4 700	31.2	54.8	4 100	58.0
60.0																17.2	46.0	4 400	25.9	51.1	3 800	60.0
62.0																			19.4	46.4	3 500	62.0
64.0																			9.3	38.5	3 300	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	76.0	83.3	19 100*																			15.2
16.0	75.0	83.0	18 800*																			16.0
18.0	72.6	82.5	17 700*																			18.0
20.0	70.1	81.8	16 800*																			20.0
22.0	67.6	81.0	15 800*																			22.0
24.0	65.0	80.1	14 900*	68.7	81.1	16 300*																24.0
26.0	62.4	79.1	14 000*	66.2	80.3	15 400*																26.0
28.0	59.7	78.0	13 200*	63.6	79.3	14 500*	65.8	79.8	15 200*													28.0
30.0	56.9	76.8	12 400*	60.9	78.3	13 700*	63.2	78.9	14 400*													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	13 600										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	12 500										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	11 600										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	10 800	57.3	74.8	9 700							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	10 000	54.4	73.4	9 000							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	9 400	51.5	71.9	8 400							44.0
46.0	29.1	59.6	7 500*	35.5	64.0	8 300*	38.9	66.0	8 800*	43.9	68.5	8 800	48.4	70.2	7 800	52.5	71.2	6 900				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	8 200	45.2	68.3	7 300	49.5	69.6	6 400				48.0
50.0	17.1	50.3	6 700*	26.3	57.3	7 400*	30.6	60.2	7 800*	36.6	63.8	7 700	41.8	66.2	6 800	46.3	67.8	6 000				50.0
52.0				20.4	52.7	6 900*	25.6	56.4	7 300*	32.5	60.9	7 200	38.1	63.8	6 400	43.0	65.8	5 600	47.2	67.0	4 800	52.0
54.0				12.0	45.8	6 600*	19.5	51.6	6 900*	27.8	57.4	6 800	34.1	61.1	6 000	39.4	63.5	5 200	43.9	65.0	4 500	54.0
56.0							10.3	44.1	6 600*	22.3	53.1	6 400	29.7	57.9	5 600	35.5	60.9	4 900	40.4	62.8	4 200	56.0
58.0										14.9	47.2	6 000	24.5	54.0	5 300	31.3	57.9	4 600	36.7	60.3	3 900	58.0
60.0													18.1	48.9	4 900	26.4	54.2	4 300	32.5	57.4	3 600	60.0
62.0																20.5	49.6	4 000	27.9	53.9	3 400	62.0
64.0																12.1	42.8	3 700	22.3	49.7	3 100	64.0
66.0																			14.9	43.7	2 900	66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB 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	17 000*																			16.8
18.0	73.6	85.7	16 400*																			18.0
20.0	71.3	85.0	15 500*																			20.0
22.0	68.9	84.3	14 600*																			22.0
24.0	66.5	83.5	13 700*																			24.0
26.0	64.1	82.6	12 900*	67.6	83.6	14 200*																26.0
28.0	61.6	81.5	12 100*	65.2	82.7	13 300*	67.3	83.2	14 000*													28.0
30.0	59.1	80.4	11 300*	62.8	81.7	12 600*	64.9	82.3	13 200*													30.0
32.0	56.5	79.1	10 600*	60.3	80.6	11 800*	62.4	81.3	12 400*													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	11 900*										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	11 200*										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	8 800							42.0
44.0	38.4	68.1	7 100*	43.3	71.2	7 900*	46.0	72.6	8 400*	50.2	74.5	9 200	54.1	75.7	8 200							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	8 600	51.3	74.2	7 700							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	7 200							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	6 700	49.5	71.9	5 900				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	6 300	46.5	70.1	5 400				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	5 900	43.3	68.1	5 100				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	5 500	40.0	65.9	4 800	44.2	67.3	4 000	56.0
58.0							15.3	49.0	5 000*	24.5	56.2	5 700*	31.1	60.5	5 200	36.4	63.3	4 400	41.0	65.1	3 700	58.0
60.0										18.5	51.1	5 200*	26.5	56.9	4 800	32.5	60.4	4 100	37.5	62.7	3 500	60.0
62.0										9.3	43.0	4 800*	21.0	52.3	4 500	28.2	57.0	3 900	33.7	59.9	3 200	62.0
64.0													13.6	45.9	4 200	23.0	52.8	3 600	29.5	56.6	3 000	64.0
66.0																16.5	47.3	3 300	24.6	52.7	2 800	66.0
68.0																			18.6	47.7	2 500	68.0
70.0																			9.4	39.6	2 300	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	61.4	57.7	44 300*b																			13.7
14.0	60.5	57.6	44 000*b																			14.0
16.0	54.1	56.3	41 000*b																			16.0
18.0	47.1	54.6	35 200*																			18.0
20.0	39.3	52.5	30 400*	57.9	56.8	37 300b																20.0
				51.3	55.3	32 500b																
22.0	29.8	49.6	26 700*	44.0	53.5	28 800	50.9	54.9	27 500b	61.0	56.3	25 300b										22.0
24.0	16.0	44.9	23 800*	35.6	51.1	25 700	43.6	53.1	24 600	54.6	55.0	22 600b										24.0
26.0				25.0	47.7	23 200	35.1	50.6	22 200	47.7	53.4	20 400										26.0
28.0							24.3	47.1	20 100	40.0	51.3	18 500	51.4	53.3	16 900b							28.0
30.0										30.7	48.5	16 900	44.1	51.4	15 500							30.0
32.0										17.5	44.0	15 500	35.7	49.1	14 200	47.6	51.1	12 800				32.0
34.0													25.1	45.6	13 000	39.8	49.0	11 800				34.0
36.0																30.4	46.1	10 900	43.0	48.4	9 800	36.0
38.0																17.1	41.6	10 100	34.5	45.9	9 100	38.0
40.0																			23.3	42.2	8 300	40.0

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	65.2	61.1	40 000*b																			13.7
14.0	64.5	61.0	39 600*b																			14.0
16.0	59.1	59.9	37 300*b																			16.0
18.0	53.5	58.6	35 100*																			18.0
20.0	47.4	56.9	30 700*	62.3	60.3	37 100b																20.0
				56.8	59.1	32 300b																
22.0	40.6	54.9	26 900*	51.0	57.6	28 600	56.5	58.7	27 300b													22.0
24.0	32.7	52.2	23 900*	44.7	55.8	25 600	50.7	57.2	24 400	59.6	58.6	22 400b										24.0
26.0	22.6	48.4	21 500*	37.5	53.5	23 200	44.3	55.4	22 000	54.0	57.3	20 200										26.0
28.0				28.9	50.5	21 000	37.1	53.1	20 000	47.9	55.7	18 400										28.0
30.0				16.8	45.7	19 200	28.4	50.0	18 300	41.2	53.7	16 800	51.1	55.6	15 300							30.0
32.0							15.9	45.0	16 800	33.4	51.0	15 400	44.7	53.8	14 000							32.0
34.0										23.6	47.4	14 200	37.6	51.5	12 900	47.7	53.4	11 600				34.0
36.0													29.0	48.4	11 900	41.0	51.3	10 700				36.0
38.0													17.0	43.7	11 000	33.2	48.7	9 900				38.0
40.0																23.3	45.0	9 200				40.0
42.0																			36.5	48.3	8 200	42.0
44.0																			27.7	45.1	7 600	44.0
																			14.6	39.9	7 000	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	68.1	64.4	36 200*b																			13.7
14.0	67.5	64.3	35 900*b																			14.0
16.0	62.9	63.4	34 000*b																			16.0
18.0	58.1	62.3	32 100*	65.6	63.7	35 700*b																18.0
20.0	53.0	60.9	30 400*	60.9	62.7	32 300	65.3	63.3	30 700b													20.0
22.0	47.6	59.2	27 000*	56.0	61.4	28 500	60.6	62.3	27 200b													22.0
24.0	41.6	57.2	23 900*	50.8	59.9	25 500	55.7	61.0	24 300													24.0
26.0	34.8	54.7	21 400*	45.2	58.1	23 100	50.5	59.5	21 900	58.5	61.0	20 100										26.0
28.0	26.7	51.3	19 400*	38.9	55.9	21 000	44.8	57.7	20 000	53.4	59.6	18 200										28.0
30.0	14.9	46.0	17 600*	31.7	53.1	19 200	38.6	55.5	18 200	48.0	58.0	16 700										30.0
32.0				22.5	49.2	17 600	31.3	52.6	16 800	42.1	56.0	15 300	50.8	57.9	13 900							32.0
34.0							21.9	48.6	15 400	35.4	53.5	14 100	45.2	56.1	12 800							34.0
36.0										27.4	50.3	13 100	39.0	53.9	11 800	47.9	55.7	10 600				36.0
38.0										16.2	45.3	12 100	31.8	51.0	11 000	42.0	53.7	9 800				38.0
40.0													22.6	47.1	10 200	35.3	51.2	9 100	44.4	53.0	8 100	40.0
42.0																27.2	47.9	8 500	38.1	50.7	7 500	42.0
44.0																15.8	42.8	7 900	30.7	47.8	7 000	44.0
46.0																			21.1	43.7	6 500	46.0

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	70.4	67.7	33 900*b																			13.7
14.0	69.8	67.6	33 600*b																			14.0
16.0	65.8	66.8	31 600*b																			16.0
18.0	61.6	65.8	29 900*	68.2	67.0	33 200*b																18.0
20.0	57.2	64.6	28 200*	64.0	66.1	31 300																20.0
22.0	52.6	63.2	26 500*	59.8	65.0	28 500	63.8	65.7	27 000													22.0
24.0	47.7	61.5	23 800*	55.3	63.7	25 400	59.5	64.6	24 100													24.0
26.0	42.4	59.5	21 300*	50.6	62.2	22 900	55.1	63.4	21 800	61.9	64.5	19 900										26.0
28.0	36.5	57.1	19 200*	45.6	60.4	20 800	50.3	61.8	19 800	57.6	63.3	18 100										28.0
30.0	29.6	54.0	17 500*	40.0	58.3	19 100	45.3	60.0	18 100	53.0	62.0	16 500										30.0
32.0	20.7	49.8	16 000*	33.8	55.6	17 500	39.7	57.8	16 600	48.1	60.3	15 100										32.0
34.0				26.2	52.2	16 200	33.4	55.1	15 400	42.8	58.3	14 000	50.7	60.2	12 600							34.0
36.0				15.7	46.9	14 900	25.8	51.6	14 200	37.0	55.9	12 900	45.6	58.4	11 600							36.0
38.0							14.9	46.2	13 200	30.2	52.9	12 000	40.1	56.2	10 800	48.0	58.0	9 600				38.0
40.0										21.6	48.8	11 100	33.8	53.6	10 000	42.7	56.0	8 900				40.0
42.0													26.3	50.1	9 300	36.8	53.6	8 300	44.9	55.3	7 300	42.0
44.0													15.8	44.9	8 700	30.0	50.6	7 700	39.3	53.1	6 800	44.0
46.0																21.3	46.4	7 200	32.9	50.3	6 300	46.0
48.0																			25.1	46.7	5 900	48.0
50.0																			13.8	41.1	5 400	50.0

LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.3	70.9	31 800* b																		13.7	
14.0	71.7	70.8	31 600* b																		14.0	
16.0	68.1	70.1	30 000* b																		16.0	
18.0	64.3	69.2	28 600* a																		18.0	
20.0	60.5	68.2	27 200* a	66.6	69.4	29 800* a															20.0	
22.0	56.5	66.9	25 800* a	62.8	68.5	28 200	66.4	69.1	27 000												22.0	
24.0	52.3	65.5	24 200* a	58.9	67.4	25 400	62.6	68.1	24 100												24.0	
26.0	47.8	63.8	21 800* a	54.8	66.1	22 900	58.6	67.0	21 800												26.0	
28.0	43.0	61.9	19 700* a	50.5	64.5	20 800	54.5	65.7	19 800	60.8	66.9	18 000									28.0	
30.0	37.7	59.5	17 900* a	45.9	62.8	19 100	50.2	64.1	18 100	56.8	65.7	16 400									30.0	
32.0	31.7	56.6	16 300* a	40.9	60.6	17 500	45.6	62.3	16 600	52.6	64.3	15 100									32.0	
34.0	24.5	52.9	14 900* a	35.4	58.1	16 200	40.6	60.2	15 400	48.2	62.6	13 900	54.8	64.0	12 600						34.0	
36.0	14.1	47.2	13 500* a	29.0	54.9	15 000	35.0	57.6	14 200	43.4	60.7	12 900	50.5	62.5	11 600						36.0	
38.0				20.8	50.6	13 900	28.6	54.4	13 200	38.2	58.3	12 000	45.9	60.7	10 800						38.0	
40.0							20.3	50.0	12 300	32.3	55.5	11 100	41.0	58.6	10 000	48.1	60.3	8 900			40.0	
42.0										25.2	51.9	10 400	35.4	56.0	9 300	43.3	58.3	8 300			42.0	
44.0										15.3	46.4	9 700	29.0	52.9	8 700	38.1	56.0	7 700			44.0	
46.0													20.9	48.6	8 100	32.1	53.1	7 200	40.2	55.5	6 300	46.0
48.0																25.0	49.5	6 700	34.6	52.8	5 900	48.0
50.0																14.9	44.0	6 300	28.0	49.6	5 500	50.0
52.0																			19.6	45.0	5 100	52.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m				
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg					
13.7	73.8	74.1	26 200*	68.6	72.7	25 300*																				
14.0	73.3	74.0	26 100*																							
16.0	70.0	73.4	25 400*																							
18.0	66.6	72.6	24 400*																							
20.0	63.2	71.6	23 100*																							
22.0	59.6	70.5	21 900*	65.2	71.9	24 100*	65.0	71.5	23 700																	
24.0	55.9	69.3	20 800*	61.7	70.9	22 900*																				
26.0	52.0	67.8	19 700*	58.1	69.7	21 700*															61.5	70.5	21 600			
28.0	47.9	66.1	18 800*	54.3	68.4	20 500															57.9	69.3	19 600			
30.0	43.5	64.2	17 800*	50.4	66.8	18 900															54.1	68.0	17 900	59.9	69.3	16 300
32.0	38.8	61.9	16 400*	46.2	65.1	17 400	50.1	66.4	16 500	56.2	68.0	14 900	54.3	66.3	11 400											
34.0	33.5	59.2	15 000*	41.6	63.0	16 000	45.9	64.6	15 200	52.3	66.6	13 700									48.3	64.9	12 700	50.4	64.8	10 600
36.0	27.3	55.7	13 800*	36.7	60.5	14 900	41.4	62.5	14 100	48.3	64.9	12 700									46.2	63.0	9 800	52.2	64.2	8 700
38.0	19.3	51.1	12 600*	31.0	57.5	13 800	36.4	60.1	13 100	43.9	63.0	11 800									41.7	60.9	9 100	48.2	62.6	8 100
40.0				24.3	53.7	12 900	30.7	57.0	12 200	39.2	60.7	11 000									46.2	63.0	9 800	43.8	60.6	7 500
42.0				15.0	48.1	12 000	23.9	53.2	11 400	33.9	58.0	10 300	41.7	60.9	9 100	48.2	62.6	8 100	45.6	59.9	6 100					
44.0							14.3	47.4	10 600	27.8	54.7	9 600	36.7	58.5	8 500	43.8	60.6	7 500				41.0	57.8	5 700		
46.0										20.1	50.2	9 000	31.1	55.5	8 000	39.1	58.4	7 000				36.0	55.3	5 300		
48.0													24.4	51.7	7 500	33.8	55.7	6 500				33.8	55.7	6 500		
50.0													15.0	46.1	7 000	27.7	52.3	6 100				27.7	52.3	6 100		
52.0																19.9	47.8	5 700	30.3	52.2	4 900	52.0				
54.0																			23.3	48.3	4 600	54.0				
56.0																			13.3	42.2	4 200	56.0				

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.2	83.2	20 700*																			15.2
16.0	74.1	83.0	20 300*																			16.0
18.0	71.5	82.3	19 200*																			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	18 000*																24.0
26.0	60.5	78.8	15 500*	65.0	80.1	17 000*	67.6	80.6	17 800*													26.0
28.0	57.6	77.6	14 600*	62.2	79.1	16 100*	64.8	79.7	16 900*													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	13 400										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	12 300										36.0
38.0	41.0	69.0	11 000*	46.7	72.0	12 200*	49.9	73.3	12 700	54.8	75.0	11 400										38.0
40.0	37.0	66.5	10 400*	43.2	70.0	11 500*	46.5	71.5	11 900	51.7	73.5	10 600	56.4	74.7	9 400							40.0
42.0	32.6	63.6	9 800*	39.4	67.7	10 900*	43.0	69.5	11 100	48.4	71.8	9 900	53.3	73.3	8 800							42.0
44.0	27.6	60.2	9 300*	35.2	65.1	10 300*	39.2	67.2	10 400	45.0	69.9	9 300	50.1	71.7	8 200	51.6	71.2	6 600				44.0
46.0	21.6	55.8	8 900*	30.6	62.0	9 800*	35.0	64.6	9 700	41.3	67.8	8 700	46.8	69.9	7 600	48.3	69.5	6 200				46.0
48.0	13.2	49.4	8 500*	25.3	58.2	9 200*	30.4	61.5	9 100	37.3	65.3	8 100	43.2	67.9	7 100	44.9	67.6	5 800				48.0
50.0				18.6	53.2	8 800*	25.0	57.7	8 600	33.0	62.5	7 600	39.4	65.6	6 700	41.2	65.4	5 400	46.3	66.8	4 500	50.0
52.0							18.1	52.6	8 100	28.1	59.1	7 200	35.3	63.0	6 300	41.2	65.4	5 400				52.0
54.0										22.1	54.8	6 700	30.7	59.9	5 900	37.2	63.0	5 000	42.7	64.8	4 200	54.0
56.0										14.1	48.7	6 300	25.3	56.2	5 500	32.9	60.1	4 700	38.9	62.5	3 900	56.0
58.0													18.6	51.2	5 100	27.9	56.7	4 400	34.7	59.8	3 700	58.0
60.0																22.0	52.4	4 100	30.0	56.7	3 400	60.0
62.0																13.8	46.2	3 800	24.5	52.8	3 100	62.0
64.0																			17.5	47.6	2 900	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.2	85.9	18 300*																			16.8
18.0	72.7	85.5	17 700*																			18.0
20.0	70.2	84.9	16 700*																			20.0
22.0	67.7	84.1	15 800*																			22.0
24.0	65.1	83.2	14 900*	69.2	84.3	16 400*																24.0
26.0	62.5	82.2	14 100*	66.6	83.4	15 500*																26.0
28.0	59.8	81.1	13 200*	64.1	82.5	14 700*	66.5	83.1	15 400*													28.0
30.0	57.1	79.9	12 400*	61.4	81.5	13 800*	63.9	82.2	14 600*													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	12 200										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	11 200										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	10 500										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	9 700	55.9	77.0	8 600							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	9 100	53.0	75.6	8 000							44.0
46.0	29.3	62.9	7 600*	36.2	67.5	8 400*	39.8	69.6	9 000*	45.2	72.2	8 500	50.0	74.0	7 400							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	8 000	46.9	72.2	6 900	51.4	73.5	6 000				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	7 500	43.6	70.2	6 500	48.4	71.8	5 500				50.0
52.0				21.6	56.6	7 000*	27.0	60.5	7 500*	34.2	65.0	7 000	40.1	68.0	6 100	45.1	69.9	5 200				52.0
54.0				13.9	50.4	6 700*	21.3	56.0	7 100*	29.7	61.8	6 600	36.3	65.4	5 700	41.7	67.8	4 800	46.5	69.1	4 000	54.0
56.0							13.4	49.6	6 700*	24.6	57.9	6 200	32.1	62.5	5 300	38.1	65.4	4 500	43.1	67.1	3 700	56.0
58.0										18.1	52.8	5 800	27.3	59.0	5 000	34.1	62.6	4 200	39.6	64.9	3 400	58.0
60.0													21.7	54.6	4 700	29.6	59.4	3 900	35.7	62.3	3 200	60.0
62.0													14.0	48.4	4 400	24.4	55.5	3 700	31.5	59.3	3 000	62.0
64.0																17.9	50.3	3 400	26.6	55.7	2 700	64.0
66.0																			20.8	51.1	2 500	66.0
68.0																			12.6	44.4	2 300	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.1	89.1	16 900*																			16.8
18.0	73.7	88.7	16 300*																			18.0
20.0	71.4	88.1	15 500*																			20.0
22.0	69.1	87.4	14 600*																			22.0
24.0	66.7	86.6	13 700*																			24.0
26.0	64.2	85.7	12 900*	68.1	86.8	14 300*																26.0
28.0	61.8	84.6	12 100*	65.7	85.9	13 500*																28.0
30.0	59.2	83.5	11 400*	63.2	84.9	12 700*	65.5	85.5	13 400*													30.0
32.0	56.6	82.3	10 700*	60.7	83.9	11 900*	63.1	84.6	12 600*													32.0
34.0	53.9	80.9	10 000*	58.2	82.7	11 200*	60.6	83.5	11 900*													34.0
36.0	51.1	79.3	9 300*	55.5	81.4	10 500*	58.0	82.3	11 100*													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	11 100										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	10 300										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	9 600										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	8 900	55.5	79.3	7 800							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	8 400	52.8	77.9	7 300							46.0
48.0	30.8	65.5	6 200*	37.1	69.9	7 000*	40.4	72.0	7 500*	45.5	74.5	7 800	50.0	76.3	6 800							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	7 300	47.0	74.5	6 400	51.3	75.8	5 400				50.0
52.0	20.6	57.2	5 300*	29.0	63.8	6 100*	33.0	66.6	6 500*	38.9	70.1	6 800	43.9	72.5	5 900	48.4	74.1	5 000				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	6 400	40.6	70.3	5 500	45.4	72.2	4 700				54.0
56.0				17.8	54.5	5 100*	23.7	59.2	5 600*	31.1	64.4	6 000	37.1	67.9	5 200	42.2	70.1	4 400				56.0
58.0							17.4	53.8	5 100*	26.6	60.8	5 700	33.3	65.0	4 900	38.8	67.8	4 100	43.5	69.5	3 300	58.0
60.0										21.1	56.3	5 300	29.0	61.7	4 500	35.1	65.1	3 800	40.2	67.2	3 100	60.0
62.0										13.7	49.9	5 000*	24.0	57.7	4 300	31.0	62.0	3 500	36.6	64.7	2 800	62.0
64.0													17.8	52.5	4 000	26.4	58.4	3 300	32.7	61.8	2 600	64.0
66.0																20.9	53.8	3 000	28.4	58.4	2 400	66.0
68.0																13.4	47.4	2 800	23.3	54.3	2 200	68.0
70.0																			16.8	48.8	2 000	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	61.7	60.8	44 500*b																			13.7
14.0	60.8	60.7	44 100*b																			14.0
16.0	54.4	59.4	41 000*b																			16.0
18.0	47.5	57.8	35 500*	59.1	60.0	37 000b																18.0
20.0	39.7	55.7	30 600*	52.6	58.6	32 300b	59.2	59.7	30 600b													20.0
22.0	30.4	52.8	26 900*	45.5	56.9	28 600	52.7	58.3	27 100b													22.0
24.0	17.0	48.3	24 000*	37.3	54.6	25 600	45.6	56.6	24 200	57.2	58.5	22 100b										24.0
26.0				27.3	51.5	23 100	37.5	54.4	21 900	50.5	57.0	20 000b										26.0
28.0							27.5	51.2	19 900	43.2	55.2	18 100	54.9	56.9	16 400b							28.0
30.0										34.6	52.7	16 600	48.0	55.3	14 900							30.0
32.0										23.6	49.1	15 200	40.3	53.3	13 700							32.0
34.0													31.0	50.5	12 600	44.9	53.1	11 200				34.0
36.0													18.1	46.1	11 600	36.7	50.8	10 400				36.0
38.0																26.4	47.6	9 600	41.1	50.5	8 500	38.0
40.0																			32.1	47.8	7 800	40.0
42.0																			19.8	43.7	7 200	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	36 800b																18.0
20.0	47.7	60.1	30 900*	57.9	62.4	32 100b	63.4	63.2	30 500b													20.0
22.0	41.0	58.0	27 100*	52.1	61.0	28 400	58.0	62.0	26 900b													22.0
24.0	33.2	55.4	24 100*	45.9	59.2	25 400	52.3	60.6	24 100													24.0
26.0	23.2	51.7	21 600*	38.9	57.0	22 900	46.1	58.9	21 800	56.2	60.8	19 800										26.0
28.0				30.7	54.2	20 800	39.1	56.7	19 800	50.4	59.3	17 900										28.0
30.0				19.6	49.9	19 000	30.9	53.9	18 100	43.9	57.5	16 400	54.2	59.2	14 700							30.0
32.0							20.0	49.7	16 600	36.7	55.1	15 100	48.1	57.6	13 500							32.0
34.0										27.9	51.9	13 900	41.4	55.6	12 500							34.0
36.0										15.0	46.8	12 800	33.7	53.0	11 500	45.4	55.5	10 200				36.0
38.0													24.0	49.4	10 600	38.4	53.2	9 400				38.0
40.0																30.0	50.3	8 800				40.0
42.0																18.6	45.9	8 100	42.2	52.8	7 600	42.0
44.0																			34.6	50.3	7 100	44.0
																			25.2	46.8	6 600	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	68.4	67.5	36 100*b																			13.7
14.0	67.7	67.4	35 900*b																			14.0
16.0	63.1	66.5	33 900*b																			16.0
18.0	58.3	65.4	32 100*																			18.0
20.0	53.3	64.0	30 400*																			20.0
22.0	47.9	62.4	27 200*																			22.0
24.0	41.9	60.4	24 000*																			24.0
26.0	35.2	57.9	21 600*																			26.0
28.0	27.2	54.6	19 500*																			28.0
30.0	15.7	49.5	17 700*																			30.0
32.0				24.5	53.1	17 500	33.3	56.4	16 600	44.5	59.8	15 000	53.6	61.5	13 400							32.0
34.0							24.7	52.8	15 300	38.2	57.5	13 800	48.2	59.9	12 300							34.0
36.0										30.8	54.6	12 800	42.3	57.9	11 400							36.0
38.0										21.3	50.5	11 800	35.7	55.5	10 600	45.8	57.8	9 300				38.0
40.0													27.7	52.2	9 800	39.7	55.6	8 600				40.0
42.0													16.7	47.3	9 100	32.6	52.9	8 000	43.0	55.1	7 000	42.0
44.0																23.8	49.1	7 400	36.4	52.7	6 400	44.0
46.0																			28.7	49.6	6 000	46.0
48.0																			18.1	45.0	5 500	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	26 600*	60.6	68.3	28 200	64.9	69.0	26 700b													22.0
24.0	48.0	64.7	24 000*	56.2	67.0	25 200	60.7	67.9	23 800													24.0
26.0	42.7	62.7	21 400*	51.5	65.6	22 700	56.3	66.7	21 500													26.0
28.0	36.8	60.3	19 400*	46.5	63.8	20 700	51.6	65.3	19 500	59.3	66.8	17 600										28.0
30.0	30.0	57.3	17 600*	41.1	61.7	18 900	46.7	63.5	17 800	54.8	65.5	16 100										30.0
32.0	21.2	53.1	16 100*	35.0	59.2	17 400	41.2	61.5	16 400	50.1	63.9	14 700										32.0
34.0				27.8	55.9	16 000	35.2	58.9	15 100	45.0	62.1	13 600	53.2	63.8	12 100							34.0
36.0				18.1	51.2	14 800	28.0	55.7	14 000	39.4	59.9	12 600	48.3	62.2	11 200							36.0
38.0							18.4	51.0	13 000	33.0	57.2	11 700	43.0	60.3	10 400							38.0
40.0										25.3	53.6	10 900	37.2	57.9	9 600	46.2	60.1	8 400				40.0
42.0										14.1	48.0	10 100	30.4	54.9	9 000	40.7	58.0	7 800				42.0
44.0													21.9	50.8	8 400	34.5	55.4	7 300	43.6	57.5	6 300	44.0
46.0																27.2	52.0	6 800	37.8	55.1	5 800	46.0
48.0																17.3	47.1	6 300	31.2	52.2	5 400	48.0
50.0																			22.9	48.3	5 000	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.5	74.0	31 600*																			13.7
14.0	71.9	73.9	31 400*																			14.0
16.0	68.3	73.2	29 900*																			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	28 200																22.0
24.0	52.5	68.6	24 300*	59.6	70.6	25 200	63.6	71.4	23 800													24.0
26.0	48.1	67.0	21 900*	55.5	69.4	22 700	59.7	70.3	21 400													26.0
28.0	43.3	65.0	19 800*	51.3	67.9	20 600	55.6	69.0	19 500													28.0
30.0	38.0	62.7	18 000*	46.8	66.1	18 900	51.4	67.6	17 800	58.4	69.1	16 100										30.0
32.0	32.1	59.8	16 400*	41.9	64.1	17 400	46.9	65.8	16 400	54.3	67.8	14 700										32.0
34.0	24.9	56.2	15 000*	36.5	61.6	16 000	42.0	63.8	15 100	50.0	66.2	13 600	57.0	67.6	12 100							34.0
36.0	14.9	50.6	13 700*	30.2	58.6	14 900	36.6	61.3	14 000	45.4	64.4	12 600	52.8	66.2	11 200							36.0
38.0				22.5	54.6	13 800	30.4	58.3	13 000	40.3	62.3	11 700	48.4	64.5	10 400							38.0
40.0							22.7	54.3	12 100	34.7	59.7	10 900	43.6	62.6	9 600	51.0	64.1	8 400				40.0
42.0										28.2	56.4	10 100	38.4	60.3	9 000	46.4	62.4	7 800				42.0
44.0										19.7	51.9	9 500	32.5	57.5	8 400	41.5	60.3	7 300				44.0
46.0													25.4	53.9	7 800	36.0	57.8	6 800	44.1	59.8	5 800	46.0
48.0													15.7	48.5	7 300	29.8	54.7	6 300	39.0	57.5	5 400	48.0
50.0																21.9	50.6	5 900	33.2	54.8	5 000	50.0
52.0																			26.3	51.3	4 700	52.0
54.0																			17.0	46.2	4 300	54.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.3	86.3	20 600*																			15.2
16.0	74.3	86.0	20 200*																			16.0
18.0	71.6	85.4	19 200*																			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	18 000*																24.0
26.0	60.7	81.9	15 500*	65.5	83.3	17 100*																26.0
28.0	57.7	80.7	14 600*	62.7	82.3	16 300*	65.6	83.0	17 100*													28.0
30.0	54.7	79.4	13 800*	59.8	81.2	15 400*	62.8	82.0	16 300*													30.0
32.0	51.6	77.9	13 100*	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	13 000										34.0
36.0	44.9	74.3	11 700*	50.7	77.1	13 000*	53.9	78.3	13 500	59.0	79.7	12 000										36.0
38.0	41.2	72.1	11 000*	47.4	75.3	12 300*	50.8	76.8	12 500	56.0	78.5	11 100										38.0
40.0	37.2	69.7	10 500*	43.9	73.4	11 600*	47.4	75.0	11 700	52.9	77.0	10 300										40.0
42.0	32.9	66.8	9 900*	40.1	71.2	11 000*	43.9	73.1	10 900	49.7	75.4	9 600	54.9	76.9	8 400							42.0
44.0	27.9	63.4	9 400*	36.0	68.6	10 400*	40.2	70.9	10 200	46.4	73.6	9 000	51.8	75.4	7 800							44.0
46.0	21.9	59.1	8 900*	31.5	65.6	9 900*	36.1	68.3	9 500	42.8	71.6	8 400	48.5	73.7	7 300							46.0
48.0	13.8	52.9	8 500*	26.4	62.0	9 400*	31.7	65.4	8 900	38.9	69.3	7 900	45.1	71.8	6 800	50.5	73.3	5 700				48.0
50.0				20.0	57.3	8 900*	26.5	61.8	8 400	34.8	66.6	7 400	41.4	69.7	6 400	47.1	71.6	5 400				50.0
52.0							20.2	57.1	7 900	30.1	63.5	6 900	37.5	67.3	5 900	43.6	69.6	5 000				52.0
54.0										24.6	59.6	6 500	33.1	64.5	5 500	39.8	67.4	4 700	45.5	69.0	3 800	54.0
56.0										17.7	54.4	6 100	28.2	61.1	5 200	35.7	64.8	4 300	41.8	66.9	3 500	56.0
58.0													22.4	56.9	4 900	31.2	61.8	4 000	37.9	64.5	3 200	58.0
60.0													14.4	50.8	4 600	26.0	58.1	3 800	33.6	61.7	3 000	60.0
62.0																19.5	53.3	3 500	28.8	58.4	2 800	62.0
64.0																9.4	45.5	3 200	23.0	54.3	2 500	64.0
66.0																			15.4	48.6	2 300	66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.3	89.0	18 200*																			16.8
18.0	72.8	88.6	17 600*																			18.0
20.0	70.3	88.0	16 700*																			20.0
22.0	67.8	87.2	15 800*																			22.0
24.0	65.3	86.3	14 900*																			24.0
26.0	62.6	85.4	14 100*	67.1	86.6	15 600*																26.0
28.0	60.0	84.3	13 200*	64.5	85.7	14 800*	67.2	86.3	15 600*													28.0
30.0	57.2	83.0	12 500*	61.9	84.7	14 000*	64.6	85.4	14 800*													30.0
32.0	54.4	81.7	11 700*	59.2	83.6	13 200*	62.0	84.4	14 000*													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	11 800										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	10 900										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	10 200										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	9 400										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	8 800	54.6	79.2	7 600							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	8 200	51.6	77.7	7 100							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	7 700	48.6	76.0	6 600							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	7 200	45.3	74.1	6 200	50.4	75.6	5 100				50.0
52.0				22.8	60.6	7 100*	28.3	64.5	7 600*	35.8	69.1	6 800	41.9	72.0	5 800	47.2	73.9	4 800				52.0
54.0				15.6	54.8	6 800*	22.9	60.3	7 200*	31.6	66.1	6 300	38.3	69.7	5 400	44.0	71.9	4 500				54.0
56.0							15.8	54.7	6 800*	26.7	62.5	6 000	34.3	67.0	5 000	40.5	69.7	4 100	45.7	71.3	3 300	56.0
58.0										20.9	58.0	5 600	29.9	63.8	4 700	36.7	67.2	3 800	42.3	69.3	3 000	58.0
60.0										12.8	51.4	5 200	24.8	59.9	4 400	32.5	64.3	3 600	38.7	66.9	2 800	60.0
62.0													18.4	54.8	4 100	27.9	60.9	3 300	34.7	64.2	2 500	62.0
64.0													8.1	46.3	3 800	22.3	56.6	3 100	30.4	61.1	2 400	64.0
66.0																15.0	50.7	2 800	25.4	57.3	2 100	66.0
68.0																			19.1	52.4	2 000	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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	16 800*																			16.8
18.0	73.9	91.8	16 300*																			18.0
20.0	71.5	91.2	15 400*																			20.0
22.0	69.2	90.5	14 500*																			22.0
24.0	66.8	89.7	13 700*																			24.0
26.0	64.4	88.8	12 900*	68.5	89.9	14 400*																26.0
28.0	61.9	87.7	12 200*	66.1	89.1	13 600*																28.0
30.0	59.4	86.6	11 400*	63.7	88.2	12 800*	66.2	88.8	13 500*													30.0
32.0	56.8	85.4	10 700*	61.2	87.1	12 100*	63.7	87.8	12 800*													32.0
34.0	54.1	84.0	10 000*	58.6	86.0	11 300*	61.3	86.8	12 100*													34.0
36.0	51.3	82.5	9 400*	56.0	84.7	10 600*	58.7	85.6	11 400*													36.0
38.0	48.4	80.8	8 800*	53.3	83.2	10 000*	56.1	84.4	10 600*	60.4	85.6	10 800										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	10 000										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	9 300										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	8 700										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	8 100	54.2	81.5	6 900							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	7 600	51.5	80.0	6 500							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	7 100	48.6	78.3	6 000							50.0
52.0	20.9	60.5	5 300*	29.8	67.5	6 200*	34.1	70.4	6 700*	40.2	74.0	6 600	45.6	76.5	5 600	50.3	77.9	4 600				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	6 200	42.4	74.4	5 200	47.3	76.2	4 300				54.0
56.0				19.1	58.7	5 300*	25.1	63.3	5 800*	32.8	68.6	5 800	39.0	72.1	4 900	44.3	74.2	4 000				56.0
58.0							19.2	58.4	5 300*	28.5	65.2	5 500	35.3	69.4	4 600	41.0	72.1	3 700	45.9	73.6	2 900	58.0
60.0										23.4	61.1	5 100	31.3	66.4	4 300	37.5	69.6	3 500	42.7	71.6	2 600	60.0
62.0										17.0	55.7	4 800	26.7	62.8	4 000	33.7	66.8	3 200	39.3	69.3	2 400	62.0
64.0										5.7	45.7	4 500	21.3	58.3	3 700	29.5	63.6	2 900	35.7	66.7	2 200	64.0
66.0													14.0	52.0	3 500	24.6	59.7	2 800	31.7	63.7	2 000	66.0
68.0																18.6	54.6	2 500	27.2	60.1	1 800	68.0
70.0																9.5	46.6	2 300				70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	62.0	63.9	44 400*b																			13.7
14.0	61.1	63.8	44 100*b																			14.0
16.0	54.8	62.5	41 200*b																			16.0
18.0	47.9	60.9	35 900*																			18.0
20.0	40.2	58.8	30 800*	53.8	62.0	31 900b	60.9	63.0	30 200b													20.0
22.0	30.9	56.0	27 100*	46.8	60.3	28 300	54.5	61.7	26 700b													22.0
24.0	17.9	51.6	24 000*	38.9	58.1	25 300	47.6	60.1	23 900													24.0
26.0				29.4	55.2	22 800	39.8	58.0	21 600	53.2	60.6	19 500b										26.0
28.0							30.5	55.2	19 600	46.2	58.9	17 700										28.0
30.0							17.1	50.6	17 900	38.2	56.7	16 200	51.7	59.1	14 400							30.0
32.0										28.4	53.6	14 800	44.4	57.3	13 200							32.0
34.0													36.1	54.9	12 100	49.6	57.1	10 600b				34.0
36.0													25.6	51.6	11 200	42.1	55.2	9 800				36.0
38.0																33.4	52.6	9 100				38.0
40.0																21.7	48.7	8 400	39.1	52.5	7 200	40.0
42.0																			29.6	49.6	6 700	42.0
44.0																			15.6	44.8	6 200	44.0

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	65.8	67.3	39 700*b																			13.7
14.0	65.0	67.2	39 400*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	36 500b																18.0
20.0	48.0	63.2	31 200*	58.9	65.6	31 800b	64.8	66.4	30 000b													20.0
22.0	41.4	61.2	27 300*	53.2	64.3	28 200	59.5	65.4	26 500b													22.0
24.0	33.6	58.6	24 200*	47.1	62.6	25 200	53.8	64.0	23 700													24.0
26.0	23.9	54.9	21 700*	40.3	60.5	22 800	47.8	62.4	21 400	58.4	64.3	19 200b										26.0
28.0				32.4	57.8	20 700	41.0	60.4	19 500	52.7	62.9	17 500										28.0
30.0				22.1	53.9	18 900	33.3	57.7	17 800	46.6	61.2	16 000										30.0
32.0							23.3	54.0	16 300	39.7	59.1	14 600	51.3	61.4	13 000							32.0
34.0										31.6	56.3	13 500	45.0	59.6	12 000							34.0
36.0										21.0	52.2	12 500	37.9	57.3	11 000	49.5	59.4	9 600				36.0
38.0													29.4	54.3	10 200	43.0	57.5	8 900				38.0
40.0																35.6	55.0	8 200				40.0
42.0																26.5	51.7	7 600	40.5	54.9	6 500	42.0
44.0																12.3	46.1	7 000	32.6	52.2	6 000	44.0
46.0																			22.4	48.4	5 600	46.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	68.6	70.6	36 000*b																			13.7
14.0	67.9	70.5	35 700*b																			14.0
16.0	63.4	69.6	33 800*b																			16.0
18.0	58.6	68.5	32 000*	67.3	70.0	35 900b																18.0
20.0	53.5	67.1	30 400*	62.7	69.1	31 700b																20.0
22.0	48.2	65.5	27 400*	57.9	68.0	28 000	63.1	68.8	26 500b													22.0
24.0	42.3	63.5	24 200*	52.8	66.6	25 100	58.4	67.7	23 600													24.0
26.0	35.6	61.1	21 700*	47.3	64.9	22 700	53.3	66.4	21 300	62.3	67.8	19 100b										26.0
28.0	27.6	57.8	19 600*	41.3	62.9	20 600	47.9	64.7	19 400	57.4	66.6	17 300										28.0
30.0	16.5	52.9	17 800*	34.5	60.3	18 800	42.0	62.7	17 700	52.3	65.2	15 800										30.0
32.0				26.3	56.9	17 300	35.3	60.2	16 300	46.8	63.5	14 600										32.0
34.0							27.2	56.9	15 000	40.8	61.4	13 400	51.1	63.7	11 800							34.0
36.0							15.8	51.9	13 900	33.9	58.8	12 400	45.5	61.9	10 900							36.0
38.0										25.5	55.3	11 500	39.3	59.7	10 100							38.0
40.0													32.1	56.9	9 400	43.7	59.8	8 100				40.0
42.0													23.1	53.1	8 700	37.3	57.5	7 500				42.0
44.0																29.7	54.4	7 000	41.5	57.2	5 900	44.0
46.0																19.7	50.1	6 500	34.7	54.7	5 500	46.0
48.0																			26.5	51.3	5 100	48.0
50.0																			14.6	46.0	4 700	50.0

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m	
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		
13.7	70.8	73.9	33 600*b																			13.7	
14.0	70.2	73.8	33 300*b																			14.0	
16.0	66.2	73.0	31 500*b																			16.0	
18.0	62.0	72.0	29 800*																			18.0	
20.0	57.7	70.8	28 200*	65.6	72.5	31 600b																20.0	
22.0	53.1	69.5	26 600*	61.4	71.5	27 900	66.0	72.2	26 200b													22.0	
24.0	48.2	67.8	24 100*	57.0	70.3	24 900	61.8	71.2	23 400													24.0	
26.0	43.0	65.9	21 500*	52.4	68.9	22 500	57.5	70.1	21 100													26.0	
28.0	37.1	63.5	19 400*	47.5	67.2	20 500	52.9	68.7	19 200	61.0	70.2	17 100										28.0	
30.0	30.4	60.5	17 700*	42.2	65.2	18 700	48.0	67.0	17 500	56.6	69.0	15 600										30.0	
32.0	21.8	56.4	16 100*	36.2	62.7	17 200	42.7	65.0	16 100	52.0	67.5	14 300										32.0	
34.0				29.2	59.6	15 800	36.8	62.6	14 900	47.0	65.8	13 200	55.6	67.5	11 600							34.0	
36.0				20.3	55.3	14 700	30.0	59.6	13 800	41.7	63.8	12 200	50.9	66.0	10 700								36.0
38.0				21.3	55.5	12 800				35.6	61.3	11 300	45.8	64.2	9 900								
40.0										28.6	58.1	10 600	40.3	62.0	9 200	49.4	64.0	7 900				40.0	
42.0										19.3	53.6	9 800	34.1	59.4	8 600	44.3	62.1	7 300				42.0	
44.0													26.7	56.0	8 000	38.6	59.9	6 800				44.0	
46.0																32.1	57.0	6 300	42.3	59.6	5 200	46.0	
48.0																24.1	53.3	5 900	36.4	57.1	4 800	48.0	
50.0																11.9	47.1	5 500	29.4	54.0	4 500	50.0	
52.0																			20.5	49.8	4 200	52.0	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

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

BRITISH
STANDARDS

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.4	86.2	21 900*																			15.2
16.0	73.2	85.9	21 600*																			16.0
18.0	70.4	85.3	20 700*																			18.0
20.0	67.5	84.5	19 600*																			20.0
22.0	64.6	83.6	18 700*	70.0	84.8	20 600*																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	19 600*													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	17 100													30.0
32.0	48.5	77.0	14 300*	54.8	79.6	16 100*	58.4	80.7	15 600													32.0
34.0	44.8	75.1	13 600*	51.4	78.1	15 200*	55.1	79.4	14 400	60.9	80.8	12 700										34.0
36.0	40.8	73.0	12 900*	47.9	76.4	14 300	51.8	77.9	13 300	57.8	79.6	11 700										36.0
38.0	36.5	70.5	12 300*	44.2	74.5	13 300	48.3	76.2	12 400	54.5	78.2	10 800										38.0
40.0	31.7	67.5	11 700*	40.2	72.3	12 400	44.6	74.3	11 500	51.1	76.7	10 100	57.0	78.1	8 600							40.0
42.0	26.2	63.9	11 000*	35.8	69.7	11 500	40.6	72.1	10 700	47.6	75.0	9 400	53.7	76.7	8 000							42.0
44.0	19.2	59.1	10 200*	31.0	66.7	10 800	36.3	69.6	10 000	43.9	73.1	8 700	50.3	75.2	7 400							44.0
46.0				25.3	62.9	10 200	31.5	66.6	9 400	39.8	70.8	8 200	46.8	73.4	7 000							46.0
48.0				18.0	57.9	9 500	25.9	63.0	8 800	35.4	68.2	7 600	42.9	71.4	6 500	49.3	73.2	5 300				48.0
50.0							18.8	58.1	8 300	30.5	65.2	7 100	38.8	69.1	6 000	45.7	71.4	5 000				50.0
52.0										24.7	61.3	6 700	34.3	66.4	5 600	41.8	69.3	4 600				52.0
54.0										17.2	56.1	6 300	29.2	63.2	5 300	37.6	66.9	4 300	44.3	68.9	3 300	54.0
56.0													23.1	59.1	4 900	32.9	64.0	4 000	40.3	66.7	3 100	56.0
58.0																27.6	60.6	3 700	35.9	64.1	2 800	58.0
60.0																21.1	56.2	3 400	31.1	61.1	2 600	60.0
62.0																11.5	49.3	3 200	25.4	57.4	2 400	62.0
64.0																			18.2	52.4	2 200	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.4	89.3	20 400*																			15.2
16.0	74.4	89.1	20 000*																			16.0
18.0	71.8	88.5	19 100*																			18.0
20.0	69.1	87.8	18 200*																			20.0
22.0	66.4	87.0	17 200*																			22.0
24.0	63.6	86.0	16 400*	68.7	87.3	18 100*																24.0
26.0	60.8	85.0	15 500*	66.0	86.5	17 200*																26.0
28.0	57.9	83.8	14 600*	63.2	85.5	16 400*	66.3	86.2	17 200*													28.0
30.0	54.9	82.5	13 900*	60.4	84.5	15 500*	63.5	85.3	16 400*													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	14 300*													34.0
36.0	45.0	77.4	11 700*	51.3	80.4	13 200*	54.7	81.7	13 200*	60.1	83.1	11 600*										36.0
38.0	41.4	75.3	11 100*	48.0	78.7	12 500*	51.6	80.2	12 300*	57.2	81.9	10 800*										38.0
40.0	37.4	72.9	10 500*	44.5	76.8	11 800*	48.3	78.5	11 500*	54.2	80.6	10 000*										40.0
42.0	33.1	70.0	9 900*	40.8	74.6	11 100*	44.9	76.6	10 700*	51.0	79.0	9 300*	56.5	80.4	8 000*							42.0
44.0	28.2	66.7	9 400*	36.8	72.1	10 600*	41.2	74.5	10 000*	47.7	77.3	8 700*	53.4	79.0	7 400*							44.0
46.0	22.3	62.4	9 000*	32.4	69.2	10 000*	37.3	72.0	9 300*	44.2	75.4	8 100*	50.2	77.5	6 900*							46.0
48.0	14.3	56.4	8 500*	27.4	65.8	9 500*	32.9	69.2	8 800*	40.5	73.2	7 600*	46.9	75.7	6 400*							48.0
50.0				21.3	61.3	8 900*	27.9	65.8	8 200*	36.5	70.7	7 100*	43.4	73.7	6 000*	49.3	75.5	4 900*				50.0
52.0							22.0	61.5	7 800*	32.0	67.7	6 700*	39.6	71.5	5 600*	45.9	73.7	4 500*				52.0
54.0							13.9	55.3	7 300*	26.9	64.2	6 300*	35.5	68.9	5 200*	42.3	71.6	4 300*				54.0
56.0										20.7	59.7	5 900*	30.9	65.8	4 900*	38.4	69.3	4 000*	44.6	71.2	3 000*	56.0
58.0													25.6	62.1	4 600*	34.2	66.5	3 700*	40.9	69.0	2 800*	58.0
60.0													19.0	57.2	4 300*	29.4	63.3	3 400*	36.9	66.5	2 600*	60.0
62.0																23.8	59.3	3 200*	32.5	63.7	2 300*	62.0
64.0																16.6	53.9	2 900*	27.5	60.2	2 100*	64.0
66.0																			21.5	55.8	1 900*	66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.4	92.1	18 100*																			16.8
18.0	72.9	91.7	17 500*																			18.0
20.0	70.5	91.0	16 600*																			20.0
22.0	68.0	90.3	15 800*																			22.0
24.0	65.4	89.4	14 900*																			24.0
26.0	62.8	88.5	14 100*	67.6	89.8	15 700*																26.0
28.0	60.1	87.4	13 300*	65.0	88.9	14 900*																28.0
30.0	57.4	86.1	12 500*	62.4	87.9	14 100*	65.3	88.7	14 900*													30.0
32.0	54.5	84.8	11 800*	59.7	86.8	13 300*	62.7	87.7	14 100*													32.0
34.0	51.6	83.3	11 100*	57.0	85.6	12 600*	60.0	86.6	13 400*													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	10 600										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	9 800										40.0
42.0	38.2	75.3	8 700*	44.8	79.1	9 800*	48.4	80.8	10 500	53.8	82.9	9 100										42.0
44.0	34.3	72.5	8 100*	41.4	77.0	9 200*	45.2	78.9	9 800	50.9	81.3	8 500	56.0	82.8	7 200							44.0
46.0	29.8	69.3	7 600*	37.7	74.5	8 700*	41.7	76.8	9 200	47.8	79.6	7 900	53.2	81.4	6 700							46.0
48.0	24.7	65.5	7 200*	33.7	71.8	8 200*	38.1	74.4	8 600	44.5	77.7	7 400	50.2	79.8	6 200							48.0
50.0	18.3	60.4	6 800*	29.1	68.5	7 700*	34.1	71.7	8 100	41.1	75.5	6 900	47.0	78.0	5 800							50.0
52.0				23.9	64.5	7 300*	29.6	68.5	7 600	37.3	73.1	6 500	43.7	76.0	5 400	49.3	77.8	4 400				52.0
54.0				17.2	59.1	6 900*	24.5	64.6	7 200	33.3	70.3	6 100	40.2	73.8	5 000	46.1	76.0	4 000				54.0
56.0							18.0	59.4	6 700	28.7	66.9	5 700	36.4	71.3	4 700	42.7	73.9	3 700				56.0
58.0										23.4	62.8	5 400	32.3	68.4	4 400	39.1	71.6	3 500	44.9	73.5	2 600	58.0
60.0										16.5	57.3	5 000	27.6	64.9	4 100	35.3	69.0	3 200	41.5	71.4	2 300	60.0
62.0													21.9	60.5	3 800	31.0	65.9	3 000	37.8	68.9	2 100	62.0
64.0													14.4	54.4	3 600	26.0	62.2	2 800	33.8	66.2	1 900	64.0
66.0																20.0	57.5	2 500				66.0
68.0																11.3	50.4	2 300				68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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	16 700*																			16.8
18.0	74.0	94.9	16 200*																			18.0
20.0	71.7	94.3	15 400*																			20.0
22.0	69.3	93.6	14 600*																			22.0
24.0	66.9	92.8	13 700*																			24.0
26.0	64.5	91.9	12 900*	69.0	93.1	14 400*																26.0
28.0	62.0	90.8	12 200*	66.6	92.3	13 700*																28.0
30.0	59.5	89.7	11 400*	64.1	91.4	12 900*																30.0
32.0	56.9	88.5	10 700*	61.7	90.3	12 200*	64.4	91.1	13 000*													32.0
34.0	54.2	87.1	10 000*	59.1	89.2	11 400*	61.9	90.1	12 300*													34.0
36.0	51.4	85.6	9 400*	56.5	87.9	10 700*	59.4	89.0	11 500*													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	9 700										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	9 000										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	8 400										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	7 800	55.7	85.1	6 600							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	7 300	52.9	83.7	6 100							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	6 800	50.1	82.1	5 700							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	6 400	47.2	80.3	5 300	52.1	81.7	4 200				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	6 000	44.1	78.4	4 900	49.3	80.1	3 900				54.0
56.0				20.3	62.7	5 300*	26.5	67.4	5 900*	34.4	72.8	5 600	40.8	76.2	4 600	46.3	78.3	3 600				56.0
58.0							20.9	62.9	5 400*	30.2	69.6	5 200	37.3	73.7	4 300	43.1	76.3	3 300	45.1	75.8	2 200	58.0
60.0							13.5	56.4	5 000*	25.5	65.8	4 900	33.4	70.9	4 000	39.8	74.0	3 100	41.9	73.7	2 000	60.0
62.0										19.7	61.0	4 600	29.2	67.6	3 700	36.2	71.4	2 800	38.5	71.3	1 800	62.0
64.0										11.5	53.9	4 300	24.3	63.6	3 400	32.3	68.5	2 600				64.0
66.0													18.2	58.5	3 200	27.8	65.0	2 400				66.0
68.0																22.6	60.8	2 200				68.0
70.0																16.0	55.1	2 000				70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	62.4	67.0	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	36 500*																			18.0
20.0	40.6	62.0	31 400*	55.0	65.2	31 700b																20.0
22.0	31.5	59.3	27 500*	48.2	63.7	28 100b	56.2	65.1	26 400b													22.0
24.0	18.8	55.0	24 300*	40.5	61.6	25 100	49.5	63.6	23 600													24.0
26.0				31.3	58.9	22 700	42.0	61.6	21 300	55.8	64.1	18 900b										26.0
28.0				18.6	54.6	20 600	33.2	59.0	19 300	49.1	62.6	17 200b										28.0
30.0							21.4	55.2	17 600	41.5	60.6	15 700										30.0
32.0										32.6	57.9	14 400	48.3	61.1	12 600							32.0
34.0										20.5	53.9	13 200	40.6	59.1	11 600							34.0
36.0													31.5	56.3	10 700	47.1	59.2	9 200				36.0
38.0													18.8	52.1	9 900	39.2	57.1	8 500				38.0
40.0																29.7	54.2	7 900	45.2	56.9	6 500	40.0
42.0																15.8	49.4	7 200	37.1	54.6	6 100	42.0
44.0																			26.9	51.4	5 600	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	31 400*	59.9	68.9	31 500b	66.1	69.7	29 600b													20.0
22.0	41.7	64.4	27 500*	54.3	67.6	27 900b	60.9	68.7	26 200b													22.0
24.0	34.1	61.8	24 400*	48.3	66.0	25 000	55.4	67.4	23 400													24.0
26.0	24.5	58.2	21 800*	41.6	64.0	22 600	49.4	65.9	21 100	60.6	67.7	18 700b										26.0
28.0				34.0	61.4	20 500	42.9	64.0	19 200	55.0	66.4	17 000b										28.0
30.0				24.3	57.8	18 700	35.5	61.5	17 500	49.1	64.9	15 500										30.0
32.0				6.6	50.5	17 100	26.3	58.2	16 100	42.5	62.9	14 200										32.0
34.0										35.0	60.4	13 100	48.4	63.4	11 400							34.0
36.0										25.7	57.0	12 100	41.7	61.4	10 500							36.0
38.0										10.4	50.9	11 200	34.1	58.9	9 700	47.3	61.5	8 200				38.0
40.0													24.5	55.3	9 000	40.5	59.5	7 600				40.0
42.0																32.6	56.8	7 100				42.0
44.0																22.5	52.9	6 600				44.0
46.0																			38.7	57.0	5 400	46.0
48.0																			30.4	54.1	5 000	48.0
																			19.2	49.7	4 600	48.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	68.9	73.7	35 800*b																			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	30 300*	63.5	72.3	31 400b																20.0
22.0	48.4	68.7	27 600*	58.8	71.2	27 800	64.4	72.1	26 100b													22.0
24.0	42.6	66.7	24 300*	53.7	69.9	24 900	59.6	71.0	23 300													24.0
26.0	36.0	64.2	21 800*	48.4	68.3	22 500	54.7	69.7	21 000													26.0
28.0	28.1	61.1	19 700*	42.5	66.3	20 400	49.4	68.2	19 100	59.4	70.0	16 900b										28.0
30.0	17.3	56.3	17 900*	35.9	63.8	18 700	43.6	66.3	17 500	54.4	68.7	15 400										30.0
32.0				28.0	60.6	17 100	37.2	63.9	16 000	49.0	67.2	14 100										32.0
34.0				17.1	55.8	15 800	29.6	60.9	14 800	43.3	65.2	13 000	53.8	67.3	11 300							34.0
36.0							19.5	56.5	13 700	36.7	62.9	12 000	48.5	65.7	10 400							36.0
38.0										29.1	59.8	11 200	42.6	63.8	9 600							38.0
40.0										18.7	55.2	10 400	36.0	61.3	8 900	47.5	63.8	7 500				40.0
42.0													28.1	58.1	8 300	41.5	61.8	7 000				42.0
44.0													17.3	53.3	7 700	34.8	59.3	6 500				44.0
46.0																26.6	55.9	6 000	40.0	59.3	4 800	46.0
48.0																14.7	50.6	5 500	32.9	56.6	4 500	48.0
50.0																			24.2	53.0	4 100	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	71.1	77.0	33 400*b																			13.7
14.0	70.5	76.9	33 200*b																			14.0
16.0	66.4	76.1	31 400*b																			16.0
18.0	62.2	75.1	29 700*																			18.0
20.0	57.9	73.9	28 200*	66.4	75.7	31 300b																20.0
22.0	53.3	72.6	26 700*	62.2	74.7	27 600																22.0
24.0	48.5	71.0	24 300*	57.8	73.6	24 700	62.9	74.5	23 100													24.0
26.0	43.3	69.0	21 700*	53.3	72.2	22 300	58.6	73.4	20 800													26.0
28.0	37.5	66.7	19 500*	48.4	70.6	20 300	54.1	72.1	18 900													28.0
30.0	30.7	63.7	17 700*	43.2	68.6	18 500	49.3	70.5	17 300	58.4	72.4	15 200										30.0
32.0	22.3	59.7	16 200*	37.4	66.3	17 100	44.2	68.6	15 900	53.8	71.1	13 900										32.0
34.0				30.6	63.3	15 700	38.5	66.3	14 600	49.0	69.5	12 800										34.0
36.0				22.2	59.3	14 600	32.0	63.5	13 500	43.9	67.6	11 900	53.3	69.6	10 200							36.0
38.0				7.4	51.7	13 500	23.9	59.7	12 600	38.1	65.3	11 000	48.5	68.0	9 400							38.0
40.0										31.5	62.4	10 200	43.3	66.1	8 700							40.0
42.0										23.4	58.5	9 500	37.5	63.7	8 100	47.7	66.1	6 800				42.0
44.0										10.4	51.9	8 800	30.8	60.8	7 500	42.3	64.1	6 300				44.0
46.0													22.3	56.8	7 000	36.4	61.7	5 800	46.4	63.8	4 600	46.0
48.0																29.5	58.6	5 400	40.9	61.7	4 300	48.0
50.0																20.6	54.3	5 000	34.8	59.1	3 900	50.0
52.0																			27.6	55.8	3 600	52.0
54.0																			17.8	51.0	3 300	54.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.8	80.2	31 100*b																			13.7
14.0	72.3	80.1	30 900*b																			14.0
16.0	68.7	79.4	29 500*b																			16.0
18.0	65.0	78.5	28 200*																			18.0
20.0	61.1	77.5	27 000*	68.6	79.0	29 800b																20.0
22.0	57.1	76.3	25 700*	64.9	78.1	27 800																22.0
24.0	53.0	74.9	24 500*	61.1	77.1	24 700	65.6	77.9	23 100													24.0
26.0	48.5	73.3	22 200*	57.1	75.9	22 300	61.8	76.9	20 800													26.0
28.0	43.8	71.3	20 100*	52.9	74.5	20 200	57.8	75.7	18 900													28.0
30.0	38.6	69.1	18 200*	48.5	72.9	18 500	53.7	74.4	17 300													30.0
32.0	32.8	66.3	16 700*	43.7	70.9	17 100	49.3	72.8	15 800	57.6	74.7	13 900										32.0
34.0	25.8	62.7	15 300*	38.5	68.6	15 700	44.6	70.9	14 600	53.4	73.4	12 800										34.0
36.0	16.2	57.5	13 900*	32.7	65.9	14 600	39.5	68.7	13 500	49.0	71.8	11 800										36.0
38.0				25.7	62.3	13 600	33.8	66.0	12 600	44.3	69.9	11 000	53.0	72.0	9 400							38.0
40.0				16.0	57.0	12 600	27.0	62.6	11 700	39.2	67.6	10 200	48.6	70.3	8 700							40.0
42.0							18.1	57.8	10 900	33.4	64.9	9 500	43.8	68.4	8 100							42.0
44.0										26.6	61.5	8 900	38.6	66.1	7 500	47.8	68.4	6 300				44.0
46.0										17.5	56.5	8 300	32.8	63.3	7 000	43.0	66.5	5 800				46.0
48.0													25.8	59.8	6 600	37.7	64.1	5 400				48.0
50.0													16.2	54.5	6 100	31.7	61.2	5 000	41.7	64.0	3 900	50.0
52.0																24.4	57.5	4 700	36.3	61.6	3 600	52.0
54.0																14.0	51.7	4 300	30.0	58.5	3 400	54.0
56.0																			22.3	54.4	3 100	56.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m			
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg				
13.7	74.3	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*																			20.0			
22.0	60.2	79.9	21 900*	70.5	82.2	24 800*b																22.0			
24.0	56.5	78.6	20 800*	67.1	81.5	24 300*																24.0			
26.0	52.6	77.2	19 800*	63.7	80.5	23 300*																26.0			
28.0	48.6	75.6	18 900*	60.1	79.5	22 100																28.0			
30.0	44.3	73.7	18 000*	56.4	78.2	20 100																30.0			
32.0	39.6	71.4	16 700*	52.6	76.8	18 400	57.1	78.1	17 000													32.0			
34.0	34.4	68.8	15 300*	48.5	75.2	16 900	53.3	76.7	15 600													34.0			
36.0	28.3	65.5	14 100*	44.2	73.3	15 600	49.3	75.1	14 500													56.9	77.1	12 600	36.0
38.0	20.8	61.1	13 100*	39.5	71.0	14 400	45.0	73.2	13 400													58.1	75.7	11 600	38.0
40.0				34.3	68.4	13 400	40.4	71.1	12 400													49.0	74.1	10 800	40.0
42.0				28.2	65.1	12 500	35.3	68.5	11 600	44.7	72.2	10 000	52.6	74.3	8 500							42.0			
44.0				20.7	60.7	11 700	29.4	65.3	10 800	40.1	70.0	9 300	48.6	72.6	7 900							44.0			
46.0				8.0	52.8	10 900	22.2	61.2	10 100	34.9	67.4	8 700	44.3	70.7	7 300							46.0			
48.0										29.0	64.2	8 100	39.6	68.5	6 900							48.0			
50.0										21.7	60.0	7 600	34.4	65.8	6 400							50.0			
52.0										10.4	53.0	7 100	28.3	62.5	5 900	38.7	66.5	4 800					52.0		
54.0													20.8	58.2	5 600	33.4	63.7	4 500					54.0		
56.0																27.2	60.3	4 200					56.0		
58.0																19.2	55.7	3 900					58.0		
60.0																							60.0		

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.5	86.5	23 500*																			13.7
14.0	75.1	86.4	23 500*																			14.0
16.0	72.1	85.8	22 900*																			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	20 500													26.0
28.0	52.4	79.5	17 500*	59.3	81.8	19 500	63.2	82.7	18 500													28.0
30.0	48.6	77.9	16 700*	55.9	80.6	18 300	59.9	81.7	16 900													30.0
32.0	44.6	76.0	15 900*	52.3	79.1	16 700	56.5	80.4	15 600													32.0
34.0	40.4	73.8	15 100*	48.6	77.5	15 400	53.0	79.0	14 300	59.7	80.7	12 500										34.0
36.0	35.7	71.2	14 000*	44.6	75.6	14 300	49.3	77.4	13 200	56.3	79.4	11 500										36.0
38.0	30.3	68.1	13 000*	40.3	73.4	13 300	45.3	75.5	12 300	52.8	78.0	10 600										38.0
40.0	24.0	64.3	12 000*	35.6	70.8	12 400	41.1	73.4	11 500	49.0	76.4	9 900	55.9	78.0	8 400							40.0
42.0	15.4	58.7	11 000*	30.3	67.7	11 600	36.5	70.9	10 700	45.1	74.5	9 200	52.4	76.6	7 800							42.0
44.0				23.9	63.8	10 900	31.3	67.9	10 000	40.8	72.4	8 600	48.6	74.9	7 200							44.0
46.0				15.3	58.2	10 200	25.2	64.2	9 300	36.2	69.8	8 000	44.6	73.0	6 700	51.7	74.7	5 400				46.0
48.0							17.2	59.1	8 800	31.0	66.8	7 500	40.4	70.8	6 300	48.0	73.0	5 100				48.0
50.0										24.8	63.0	7 000	35.7	68.3	5 900	43.9	71.1	4 700				50.0
52.0										16.6	57.7	6 600	30.3	65.2	5 400	39.6	68.9	4 400	47.0	70.7	3 300	52.0
54.0													24.0	61.3	5 100	34.8	66.2	4 000	42.9	68.7	3 000	54.0
56.0													15.4	55.7	4 800	29.4	63.0	3 800	38.5	66.4	2 800	56.0
58.0																22.8	59.0	3 500	33.6	63.6	2 500	58.0
60.0																13.5	52.8	3 200	27.9	60.2	2 300	60.0
62.0																			20.9	55.8	2 100	62.0
64.0																			10.0	48.6	1 900	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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	21 500*																			15.2
16.0	73.4	89.0	21 400*																			16.0
18.0	70.6	88.4	20 600*																			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	19 700*																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	18 400													28.0
30.0	52.1	81.8	15 100*	58.6	84.2	17 000*	62.3	85.1	16 700													30.0
32.0	48.6	80.2	14 400*	55.4	82.9	16 200*	59.2	84.0	15 300													32.0
34.0	45.0	78.3	13 700*	52.1	81.4	15 400	56.0	82.7	14 100	62.1	84.1	12 200										34.0
36.0	41.0	76.1	13 000*	48.6	79.8	14 200	52.7	81.3	13 100	59.0	83.0	11 300										36.0
38.0	36.7	73.7	12 400*	44.9	77.9	13 200	49.2	79.7	12 100	55.8	81.7	10 400										38.0
40.0	32.0	70.7	11 800*	41.0	75.7	12 300	45.6	77.8	11 300	52.5	80.3	9 700										40.0
42.0	26.5	67.2	11 000*	36.7	73.2	11 500	41.7	75.8	10 500	49.0	78.7	9 000	55.5	80.3	7 500							42.0
44.0	19.6	62.5	10 300*	31.9	70.3	10 700	37.5	73.3	9 900	45.4	76.8	8 400	52.1	78.9	7 000							44.0
46.0				26.4	66.7	10 000	32.8	70.5	9 200	41.5	74.7	7 900	48.6	77.2	6 500							46.0
48.0				19.5	62.0	9 400	27.5	67.0	8 600	37.2	72.3	7 300	45.0	75.3	6 000	51.6	77.0	4 800				48.0
50.0				8.3	53.9	8 800	20.9	62.6	8 100	32.5	69.4	6 900	41.0	73.2	5 700	48.0	75.3	4 500				50.0
52.0										27.1	65.9	6 400	36.7	70.7	5 300	44.3	73.4	4 100				52.0
54.0										20.5	61.4	6 000	32.0	67.8	4 900	40.3	71.2	3 800				54.0
56.0										10.3	54.1	5 600	26.5	64.2	4 600	36.0	68.7	3 500	43.4	71.0	2 500	56.0
58.0													19.6	59.5	4 300	31.1	65.7	3 300	39.3	68.7	2 300	58.0
60.0																25.4	61.9	3 000	34.8	66.1	2 100	60.0
62.0																18.2	56.9	2 800	29.8	62.9	1 900	62.0
64.0																4.6	47.1	2 500				64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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	20 100*																			15.2
16.0	74.5	92.2	19 800*																			16.0
18.0	71.9	91.6	19 000*																			18.0
20.0	69.3	90.9	18 100*																			20.0
22.0	66.5	90.1	17 200*																			22.0
24.0	63.8	89.1	16 300*	69.2	90.5	18 200*																24.0
26.0	61.0	88.1	15 500*	66.5	89.7	17 300*																26.0
28.0	58.0	86.9	14 600*	63.7	88.8	16 500*	67.0	89.5	17 300*													28.0
30.0	55.0	85.6	13 900*	60.9	87.7	15 700*	64.3	88.5	16 600													30.0
32.0	51.9	84.1	13 100*	58.0	86.5	14 800*	61.4	87.5	15 300													32.0
34.0	48.7	82.5	12 400*	55.0	85.2	14 100*	58.5	86.4	14 100													34.0
36.0	45.2	80.6	11 700*	51.9	83.7	13 300*	55.6	85.1	13 000	61.3	86.5	11 200										36.0
38.0	41.6	78.5	11 100*	48.6	82.1	12 600*	52.5	83.6	12 100	58.4	85.4	10 400										38.0
40.0	37.7	76.1	10 500*	45.2	80.2	11 900*	49.2	82.0	11 200	55.4	84.1	9 700										40.0
42.0	33.3	73.3	10 000*	41.5	78.1	11 300*	45.8	80.2	10 500	52.3	82.6	9 000										42.0
44.0	28.5	69.9	9 500*	37.6	75.7	10 700	42.2	78.1	9 800	49.0	81.0	8 400	55.0	82.7	6 900							44.0
46.0	22.6	65.7	9 000*	33.3	72.8	10 000	38.3	75.7	9 200	45.6	79.1	7 800	51.9	81.2	6 500							46.0
48.0	14.8	59.8	8 500*	28.4	69.5	9 400	34.1	73.0	8 600	42.0	77.0	7 300	48.7	79.5	6 000							48.0
50.0				22.6	65.3	8 800	29.3	69.8	8 100	38.1	74.7	6 800	45.2	77.7	5 600							50.0
52.0				14.7	59.4	8 300	23.7	65.7	7 600	33.8	71.9	6 400	41.6	75.5	5 200	48.1	77.6	4 100				52.0
54.0							16.4	60.3	7 100	29.0	68.6	6 000	37.7	73.1	4 900	44.6	75.7	3 800				54.0
56.0										23.3	64.6	5 600	33.3	70.3	4 600	40.9	73.6	3 500				56.0
58.0										15.9	58.9	5 300	28.5	67.0	4 200	37.0	71.1	3 200	43.8	73.3	2 300	58.0
60.0													22.6	62.8	4 000	32.6	68.2	3 000	40.0	71.1	2 100	60.0
62.0													14.8	56.9	3 700	27.6	64.8	2 800	35.9	68.5	1 900	62.0
64.0																21.5	60.4	2 500				64.0
66.0																13.1	54.0	2 300				66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.5	95.1	18 000*																16.8
18.0	73.1	94.8	17 500*																18.0
20.0	70.6	94.1	16 600*																20.0
22.0	68.1	93.4	15 700*																22.0
24.0	65.5	92.5	14 900*																24.0
26.0	62.9	91.6	14 100*	68.1	93.0	15 800*													26.0
28.0	60.3	90.5	13 300*	65.5	92.1	15 000*													28.0
30.0	57.5	89.3	12 500*	62.9	91.2	14 200*	66.0	91.9	15 100*										30.0
32.0	54.7	87.9	11 800*	60.2	90.1	13 400*	63.4	91.0	14 300*										32.0
34.0	51.7	86.4	11 100*	57.5	88.9	12 700*	60.7	89.9	13 600*										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	11 900*	60.5	88.9	10 200							38.0
40.0	42.1	80.8	9 200*	48.6	84.4	10 600*	52.2	85.9	11 000*	57.8	87.7	9 400							40.0
42.0	38.4	78.5	8 700*	45.4	82.5	10 000*	49.2	84.3	10 300*	55.0	86.4	8 800							42.0
44.0	34.5	75.7	8 200*	42.0	80.4	9 300*	46.0	82.5	9 600*	52.1	84.9	8 200							44.0
46.0	30.1	72.6	7 700*	38.4	78.0	8 800*	42.7	80.4	9 000*	49.0	83.3	7 600	54.7	85.0	6 200				46.0
48.0	25.0	68.7	7 300*	34.4	75.3	8 300*	39.1	78.1	8 400*	45.8	81.4	7 100	51.7	83.5	5 800				48.0
50.0	18.7	63.8	6 900*	30.0	72.2	7 800*	35.2	75.5	7 900*	42.5	79.4	6 600	48.7	81.8	5 400				50.0
52.0				24.9	68.3	7 300*	30.9	72.4	7 400*	38.8	77.0	6 200	45.5	80.0	5 000	51.2	81.6	3 900	52.0
54.0				18.6	63.3	6 900*	25.9	68.7	7 000*	34.9	74.4	5 800	42.1	77.9	4 700	48.2	79.9	3 600	54.0
56.0				8.6	55.0	6 600*	19.9	64.0	6 600*	30.6	71.3	5 500	38.4	75.5	4 400	44.9	78.0	3 300	56.0
58.0										25.6	67.5	5 100	34.5	72.8	4 100	41.5	75.9	3 000	58.0
60.0										19.5	62.7	4 800	30.1	69.6	3 800	37.8	73.5	2 800	60.0
62.0										10.3	55.2	4 500	25.0	65.8	3 500	33.8	70.7	2 600	62.0
64.0													18.7	60.8	3 300	29.3	67.5	2 400	64.0
66.0																24.1	63.5	2 200	66.0
68.0																17.4	58.2	1 900	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.5	98.3	16 600*																16.8
18.0	74.1	98.0	16 100*																18.0
20.0	71.8	97.3	15 300*																20.0
22.0	69.4	96.6	14 500*																22.0
24.0	67.1	95.8	13 700*																24.0
26.0	64.6	94.9	12 900*	69.4	96.3	14 500*													26.0
28.0	62.2	93.9	12 200*	67.0	95.5	13 800*													28.0
30.0	59.6	92.8	11 500*	64.6	94.6	13 000*													30.0
32.0	57.0	91.6	10 700*	62.1	93.6	12 300*	65.0	94.3	13 100*										32.0
34.0	54.4	90.2	10 100*	59.6	92.4	11 600*	62.6	93.4	12 400*										34.0
36.0	51.6	88.7	9 500*	57.0	91.2	10 900*	60.1	92.3	11 700*										36.0
38.0	48.7	87.1	8 900*	54.3	89.8	10 200*	57.5	91.1	11 000*										38.0
40.0	45.7	85.2	8 300*	51.5	88.3	9 600*	54.8	89.7	10 300*	59.9	91.3	9 300							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	8 600							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	8 000							44.0
46.0	35.5	78.2	6 800*	42.5	82.7	7 900*	46.2	84.8	8 500*	51.9	87.2	7 500	57.0	88.7	6 100				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	7 000	54.4	87.3	5 600				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	6 500	51.6	85.8	5 300				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	6 100	48.7	84.1	4 900				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	5 700	45.7	82.3	4 500	51.1	83.9	3 400	54.0
56.0				21.5	66.7	5 500*	27.7	71.5	6 100*	35.9	76.8	5 300	42.5	80.2	4 200	48.2	82.2	3 100	56.0
58.0				14.2	60.5	5 000*	22.5	67.2	5 600*	31.9	73.8	5 000	39.1	77.9	3 900	45.2	80.4	2 900	58.0
60.0							15.8	61.5	5 100*	27.5	70.3	4 700	35.5	75.3	3 700	42.0	78.2	2 600	60.0
62.0										22.2	66.0	4 400	31.5	72.2	3 400	38.5	75.9	2 400	62.0
64.0										15.3	60.1	4 100	26.9	68.7	3 200	34.8	73.2	2 200	64.0
66.0													21.5	64.2	2 900	30.7	70.1	2 000	66.0
68.0													14.4	58.0	2 700	26.1	66.4	1 900	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	58.1	69.3	40 700*b																			15.2
16.0	55.5	68.8	40 000*b																			16.0
18.0	48.7	67.2	36 700*																			18.0
20.0	41.1	65.2	31 600*																			20.0
22.0	32.0	62.5	27 700*																			22.0
24.0	19.7	58.4	24 600*																			24.0
26.0																						26.0
28.0																						28.0
30.0																						30.0
32.0																						32.0
34.0																						34.0
36.0																						36.0
38.0																						38.0
40.0																						40.0
42.0																						42.0
44.0																						44.0
46.0																						46.0

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	66.3	73.5	39 100*b																			13.7
14.0	65.6	73.4	38 800*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	31 600*	60.9	72.1	31 200b																20.0
22.0	42.1	67.5	27 600*	55.4	70.8	27 600b	62.3	72.0	25 800b													22.0
24.0	34.5	65.0	24 500*	49.5	69.3	24 700	56.9	70.8	23 000b													24.0
26.0	25.1	61.5	22 000*	42.9	67.4	22 300	51.0	69.3	20 700	62.7	71.1	18 100b										26.0
28.0				35.5	64.9	20 300	44.7	67.5	18 900	57.2	69.9	16 500b										28.0
30.0				26.3	61.6	18 500	37.6	65.2	17 200	51.5	68.5	15 000										30.0
32.0				12.0	55.8	17 000	29.0	62.2	15 800	45.2	66.7	13 800										32.0
34.0										38.1	64.4	12 700	51.6	67.2	10 800							34.0
36.0										29.6	61.5	11 700	45.3	65.4	10 000							36.0
38.0										18.0	56.9	10 800	38.2	63.1	9 200							38.0
40.0													29.8	60.2	8 600	45.0	63.6	7 100				40.0
42.0													18.3	55.7	7 900	37.9	61.3	6 500				42.0
44.0																29.4	58.3	6 000				44.0
46.0																			36.9	59.0	4 400	46.0
48.0																			28.2	55.9	4 000	48.0
50.0																			15.5	50.9	3 700	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	69.1	76.8	35 500*b																			13.7
14.0	68.4	76.7	35 300*b																			14.0
16.0	63.9	75.8	33 500*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 100b																20.0
22.0	48.7	71.8	27 800*	59.7	74.5	27 500b	65.6	75.3	25 600b													22.0
24.0	42.9	69.9	24 500*	54.7	73.2	24 600	60.9	74.3	22 900													24.0
26.0	36.4	67.4	21 900*	49.4	71.6	22 200	56.0	73.1	20 600													26.0
28.0	28.6	64.3	19 800*	43.6	69.7	20 200	50.8	71.6	18 700	61.3	73.4	16 300b										28.0
30.0	18.0	59.7	18 000*	37.2	67.4	18 500	45.2	69.8	17 100	56.4	72.2	14 900										30.0
32.0				29.6	64.3	17 000	39.0	67.6	15 700	51.2	70.8	13 600										32.0
34.0				19.5	60.0	15 700	31.7	64.8	14 500	45.6	69.0	12 600	56.5	70.9	10 700							34.0
36.0							22.6	60.9	13 400	39.4	66.8	11 600	51.3	69.5	9 900							36.0
38.0										32.3	64.0	10 800	45.7	67.7	9 100							38.0
40.0										23.3	60.2	10 000	39.6	65.5	8 500	51.1	67.7	6 900				40.0
42.0													32.4	62.8	7 900	45.5	65.9	6 400				42.0
44.0													23.5	59.0	7 300	39.2	63.7	5 900				44.0
46.0																32.1	60.9	5 500	44.7	63.6	4 300	46.0
48.0																23.0	57.1	5 100	38.4	61.4	3 900	48.0
50.0																			31.1	58.5	3 600	50.0
52.0																			21.6	54.5	3 300	52.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	71.3	80.0	32 900*b																			13.7
14.0	70.7	79.9	32 700*b																			14.0
16.0	66.6	79.2	31 200*b																			16.0
18.0	62.5	78.2	29 600*																			18.0
20.0	58.1	77.1	28 100*	67.1	78.9	31 000b																20.0
22.0	53.6	75.7	26 700*	63.0	77.9	27 300																22.0
24.0	48.8	74.1	24 500*	58.7	76.8	24 400	64.1	77.8	22 700													24.0
26.0	43.6	72.2	21 800*	54.1	75.5	22 100	59.8	76.7	20 400													26.0
28.0	37.8	69.8	19 700*	49.4	73.9	20 000	55.3	75.4	18 500													28.0
30.0	31.1	66.9	17 900*	44.2	72.0	18 300	50.6	73.9	17 000	60.1	75.8	14 700										30.0
32.0	22.8	63.0	16 300*	38.5	69.8	16 800	45.6	72.1	15 600	55.7	74.6	13 500										32.0
34.0				32.0	66.9	15 500	40.0	70.0	14 400	51.0	73.1	12 400										34.0
36.0				24.0	63.2	14 400	33.8	67.3	13 300	46.0	71.3	11 400	55.8	73.2	9 600							36.0
38.0				11.7	56.9	13 300	26.3	63.9	12 300	40.5	69.2	10 600	51.1	71.8	8 900							38.0
40.0										34.3	66.5	9 800	46.1	70.0	8 200							40.0
42.0										26.9	63.2	9 100	40.6	67.9	7 700	50.8	70.0	6 200				42.0
44.0										16.7	58.2	8 500	34.4	65.3	7 100	45.8	68.2	5 700				44.0
46.0													27.0	61.9	6 600	40.3	66.1	5 300				46.0
48.0													17.0	57.0	6 200	34.1	63.4	4 900	45.1	66.0	3 700	48.0
50.0																26.6	60.0	4 500	39.6	63.8	3 400	50.0
52.0																			33.2	61.1	3 100	52.0
54.0																			25.6	57.5	2 900	54.0
56.0																			14.6	52.0	2 600	56.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	73.0	83.2	30 400*b																			13.7
14.0	72.5	83.1	30 300*b																			14.0
16.0	68.9	82.4	29 300*b																			16.0
18.0	65.2	81.6	28 000*																			18.0
20.0	61.3	80.6	26 800*	69.3	82.1	29 700b																20.0
22.0	57.3	79.4	25 600*	65.6	81.3	27 500																22.0
24.0	53.2	78.0	24 400*	61.8	80.3	24 400																24.0
26.0	48.8	76.4	22 300*	57.8	79.2	22 000	62.8	80.2	20 400													26.0
28.0	44.1	74.5	20 100*	53.7	77.8	20 000	58.9	79.1	18 500													28.0
30.0	38.9	72.2	18 300*	49.3	76.2	18 300	54.8	77.8	16 900													30.0
32.0	33.1	69.5	16 800*	44.7	74.3	16 800	50.5	76.2	15 600	59.2	78.2	13 400										32.0
34.0	26.2	66.0	15 400*	39.6	72.1	15 500	45.9	74.4	14 300	55.1	76.9	12 400										34.0
36.0	16.8	60.9	14 000*	33.8	69.4	14 400	40.9	72.3	13 300	50.8	75.4	11 400										36.0
38.0				27.1	66.0	13 400	35.4	69.8	12 300	46.2	73.6	10 600										38.0
40.0				18.2	61.2	12 500	29.0	66.6	11 500	41.3	71.5	9 800	50.9	74.1	8 200							40.0
42.0							20.9	62.3	10 700	35.8	69.0	9 200	46.3	72.3	7 700							42.0
44.0										29.5	65.9	8 600	41.4	70.2	7 100							44.0
46.0										21.5	61.7	8 000	35.9	67.7	6 600	46.1	70.5	5 300				46.0
48.0													29.6	64.6	6 200	41.2	68.4	4 900				48.0
50.0													21.7	60.4	5 800	35.7	65.9	4 500				50.0
52.0																29.3	62.8	4 200	40.5	66.1	3 100	52.0
54.0																21.3	58.5	3 900	34.9	63.5	2 900	54.0
56.0																			28.4	60.3	2 600	56.0
58.0																			20.0	55.8	2 400	58.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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*b																			13.7
14.0	74.0	86.3	24 700*b																			14.0
16.0	70.7	85.7	24 100*b																			16.0
18.0	67.3	84.9	23 500*																			18.0
20.0	63.9	84.0	23 000*																			20.0
22.0	60.4	83.0	21 900*	67.7	84.6	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	21 900	65.2	83.6	20 200													26.0
28.0	48.8	78.7	18 900*	57.1	81.5	19 900	61.7	82.6	18 300													28.0
30.0	44.5	76.8	18 100*	53.3	80.1	18 100	58.1	81.4	16 800													30.0
32.0	39.8	74.6	16 800*	49.3	78.5	16 700	54.3	80.1	15 400													32.0
34.0	34.7	72.0	15 400*	45.0	76.7	15 400	50.4	78.5	14 200	58.4	80.5	12 100										34.0
36.0	28.7	68.7	14 200*	40.4	74.5	14 300	46.2	76.8	13 100	54.6	79.2	11 200										36.0
38.0	21.3	64.4	13 100*	35.3	71.9	13 200	41.6	74.7	12 200	50.6	77.7	10 400										38.0
40.0				29.4	68.8	12 400	36.7	72.2	11 300	46.5	75.9	9 700	54.7	77.9	8 000							40.0
42.0				22.3	64.6	11 500	31.1	69.2	10 600	42.0	73.9	9 000	50.7	76.4	7 400							42.0
44.0				11.4	58.0	10 800	24.3	65.4	9 900	37.1	71.4	8 400	46.6	74.6	6 900							44.0
46.0										31.5	68.5	7 900	42.1	72.6	6 400	50.5	74.6	5 100				46.0
48.0										24.8	64.8	7 300	37.2	70.1	6 000	46.4	72.8	4 700				48.0
50.0										15.8	59.4	6 900	31.6	67.2	5 600	41.9	70.8	4 300				50.0
52.0													25.0	63.5	5 200	36.9	68.3	4 000	45.8	70.6	2 900	52.0
54.0													16.0	58.2	4 900	31.3	65.4	3 700	41.3	68.5	2 600	54.0
56.0																24.6	61.6	3 500	36.2	66.0	2 400	56.0
58.0																			30.6	62.9	2 200	58.0
60.0																			23.7	59.0	2 000	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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*																			13.7
14.0	75.2	89.5	23 100*																			14.0
16.0	72.2	88.9	22 600*																			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	22 300*																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	20 000													26.0
28.0	52.6	82.6	17 500*	59.9	85.1	19 600	64.1	86.0	18 200													28.0
30.0	48.8	81.0	16 700*	56.5	83.8	18 000	60.8	85.0	16 600													30.0
32.0	44.9	79.1	15 900*	53.0	82.4	16 600	57.4	83.8	15 200													32.0
34.0	40.6	77.0	15 200*	49.3	80.8	15 300	53.9	82.4	14 100	61.0	84.1	12 000										34.0
36.0	35.9	74.4	14 100*	45.3	79.0	14 100	50.3	80.8	13 000	57.7	82.9	11 100										36.0
38.0	30.6	71.4	13 000*	41.1	76.8	13 100	46.4	79.1	12 100	54.2	81.5	10 200										38.0
40.0	24.4	67.5	12 100*	36.5	74.3	12 300	42.2	77.0	11 200	50.5	80.0	9 500										40.0
42.0	16.0	62.1	11 100*	31.3	71.4	11 500	37.7	74.6	10 500	46.7	78.2	8 800	54.2	80.2	7 300							42.0
44.0				25.2	67.7	10 700	32.7	71.8	9 800	42.5	76.2	8 300	50.6	78.7	6 800							44.0
46.0				17.2	62.5	10 000	26.9	68.3	9 200	38.1	73.8	7 700	46.7	76.9	6 300							46.0
48.0							19.6	63.6	8 600	33.1	71.0	7 200	42.6	74.9	5 900	50.4	76.9	4 500				48.0
50.0										27.4	67.6	6 800	38.2	72.5	5 500	46.6	75.1	4 200				50.0
52.0										20.2	63.1	6 300	33.2	69.8	5 100	42.4	73.1	3 900				52.0
54.0													27.5	66.3	4 700	38.0	70.7	3 600	46.1	72.9	2 500	54.0
56.0													20.3	61.8	4 400	33.0	67.9	3 300	41.9	70.8	2 300	56.0
58.0																27.2	64.5	3 100	37.4	68.4	2 000	58.0
60.0																20.0	59.9	2 800	32.3	65.5	1 800	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			JIB OPER. RAD. m	83 DEGREE BOOM ANGLE			JIB OPER. RAD. m	80 DEGREE BOOM ANGLE			JIB OPER. RAD. m	75 DEGREE BOOM ANGLE			JIB OPER. RAD. m	70 DEGREE BOOM ANGLE			JIB OPER. RAD. m	65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB 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	21 200*	15.2				15.2				15.2				15.2				15.2				15.2
16.0	73.5	92.1	21 100*	16.0				16.0				16.0				16.0				16.0				16.0
18.0	70.7	91.5	20 400*	18.0				18.0				18.0				18.0				18.0				18.0
20.0	67.9	90.7	19 500*	20.0				20.0				20.0				20.0				20.0				20.0
22.0	64.9	89.8	18 600*	22.0				22.0				22.0				22.0				22.0				22.0
24.0	61.9	88.8	17 700*	24.0	68.2	90.4	19 700*	24.0				24.0				24.0				24.0				24.0
26.0	58.8	87.7	16 800*	26.0	65.3	89.5	18 900*	26.0				26.0				26.0				26.0				26.0
28.0	55.6	86.4	16 000*	28.0	62.3	88.6	18 000*	28.0	66.0	89.4	18 000	28.0				28.0				28.0				28.0
30.0	52.3	84.9	15 200*	30.0	59.2	87.4	17 200*	30.0	63.1	88.4	16 400	30.0				30.0				30.0				30.0
32.0	48.8	83.3	14 400*	32.0	56.0	86.2	16 300*	32.0	60.0	87.3	15 100	32.0				32.0				32.0				32.0
34.0	45.2	81.4	13 700*	34.0	52.7	84.7	15 100	34.0	56.9	86.1	13 800	34.0				34.0				34.0				34.0
36.0	41.2	79.3	13 000*	36.0	49.3	83.1	14 000	36.0	53.6	84.7	12 800	36.0	60.2	86.4	10 900	36.0				36.0				36.0
38.0	37.0	76.8	12 400*	38.0	45.6	81.3	13 000	38.0	50.2	83.1	11 900	38.0	57.1	85.2	10 100	38.0				38.0				38.0
40.0	32.3	73.9	11 800*	40.0	41.7	79.2	12 100	40.0	46.6	81.4	11 000	40.0	53.8	83.8	9 300	40.0				40.0				40.0
42.0	26.8	70.4	11 100*	42.0	37.5	76.8	11 300	42.0	42.8	79.3	10 300	42.0	50.4	82.3	8 700	42.0				42.0				42.0
44.0	20.0	65.8	10 300*	44.0	32.8	73.9	10 500	44.0	38.6	77.0	9 600	44.0	46.8	80.5	8 100	44.0	53.9	82.5	6 500	44.0				44.0
46.0				46.0	27.5	70.5	9 900	46.0	34.1	74.3	9 000	46.0	43.0	78.5	7 500	46.0	50.5	81.0	6 100	46.0				46.0
48.0				48.0	20.9	66.0	9 300	48.0	29.0	71.0	8 400	48.0	38.9	76.2	7 000	48.0	46.9	79.2	5 600	48.0	50.3	79.2	4 000	48.0
50.0				50.0	11.3	59.1	8 700	50.0	22.8	66.9	7 900	50.0	34.4	73.5	6 600	50.0	43.1	77.2	5 300	50.0	46.7	77.4	3 700	50.0
52.0				52.0				52.0				52.0	29.4	70.3	6 200	52.0	39.0	74.9	4 900	52.0				52.0
54.0				54.0				54.0				54.0	23.3	66.3	5 800	54.0	34.5	72.2	4 600	54.0	42.9	75.4	3 400	54.0
56.0				56.0				56.0				56.0	15.1	60.5	5 400	56.0	29.5	69.0	4 200	56.0	38.8	73.1	3 100	56.0
58.0				58.0				58.0				58.0				58.0	23.4	65.0	3 900	58.0	34.3	70.4	2 900	58.0
60.0				60.0				60.0				60.0				60.0	15.3	59.3	3 700	60.0	29.2	67.2	2 600	60.0
62.0				62.0				62.0				62.0				62.0				62.0	23.1	63.1	2 400	62.0
64.0				64.0				64.0				64.0				64.0				64.0	14.9	57.3	2 200	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.7	95.5	19 800*																15.2
16.0	74.7	95.3	19 600*																16.0
18.0	72.1	94.7	18 900*																18.0
20.0	69.4	94.0	18 000*																20.0
22.0	66.7	93.2	17 200*																22.0
24.0	63.9	92.2	16 300*																24.0
26.0	61.1	91.2	15 500*	67.0	92.9	17 400*													26.0
28.0	58.2	90.0	14 600*	64.3	92.0	16 600*													28.0
30.0	55.2	88.7	13 900*	61.4	90.9	15 800*	65.0	91.8	16 300										30.0
32.0	52.1	87.2	13 200*	58.6	89.8	15 000*	62.2	90.8	15 000										32.0
34.0	48.8	85.6	12 400*	55.6	88.5	14 200*	59.3	89.7	13 800										34.0
36.0	45.4	83.7	11 800*	52.5	87.0	13 500*	56.4	88.4	12 800										36.0
38.0	41.8	81.6	11 200*	49.2	85.4	12 700*	53.3	87.0	11 800	59.5	88.8	10 000							38.0
40.0	37.9	79.2	10 600*	45.8	83.6	12 100	50.1	85.4	11 000	56.6	87.5	9 300							40.0
42.0	33.6	76.5	10 000*	42.2	81.5	11 200	46.7	83.7	10 300	53.5	86.1	8 600							42.0
44.0	28.7	73.2	9 500*	38.4	79.2	10 500	43.2	81.7	9 600	50.3	84.6	8 000							44.0
46.0	23.0	69.0	9 000*	34.1	76.4	9 900	39.4	79.4	9 000	47.0	82.8	7 500	53.6	84.8	6 000				46.0
48.0	15.4	63.3	8 600*	29.3	73.2	9 200	35.3	76.8	8 400	43.5	80.8	7 000	50.4	83.3	5 600				48.0
50.0				23.7	69.2	8 700	30.7	73.7	7 900	39.7	78.6	6 500	47.0	81.5	5 200				50.0
52.0				16.4	63.7	8 200	25.3	69.9	7 400	35.6	76.0	6 100	43.5	79.5	4 900	50.2	81.5	3 600	52.0
54.0							18.6	64.9	7 000	31.0	72.9	5 700	39.7	77.3	4 500	46.9	79.7	3 300	54.0
56.0										25.7	69.2	5 400	35.6	74.7	4 200	43.4	77.8	3 100	56.0
58.0										19.1	64.4	5 000	31.1	71.7	3 900	39.6	75.5	2 800	58.0
60.0													25.8	68.0	3 600	35.5	72.9	2 600	60.0
62.0													19.3	63.2	3 400	30.9	69.8	2 400	62.0
64.0													9.0	55.2	3 100	25.6	66.1	2 200	64.0
66.0																18.9	61.2	2 000	66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			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	74.7	98.2	17 900*																16.8
18.0	73.2	97.9	17 400*																18.0
20.0	70.7	97.2	16 500*																20.0
22.0	68.2	96.5	15 700*																22.0
24.0	65.7	95.6	14 900*																24.0
26.0	63.1	94.7	14 100*	68.5	96.2	15 800*													26.0
28.0	60.4	93.6	13 300*	66.0	95.3	15 100*													28.0
30.0	57.7	92.4	12 500*	63.4	94.4	14 300*	66.6	95.1	15 200*										30.0
32.0	54.8	91.0	11 800*	60.7	93.3	13 600*	64.1	94.2	14 500*										32.0
34.0	51.9	89.6	11 100*	58.0	92.1	12 800*	61.4	93.2	13 600*										34.0
36.0	48.9	87.9	10 500*	55.2	90.8	12 100*	58.7	92.0	12 600*										36.0
38.0	45.7	86.0	9 900*	52.3	89.3	11 400*	55.9	90.8	11 600*										38.0
40.0	42.3	84.0	9 300*	49.2	87.7	10 700*	53.0	89.3	10 800*	58.9	91.1	9 100							40.0
42.0	38.6	81.6	8 700*	46.0	85.9	10 100*	50.0	87.7	10 100*	56.1	89.9	8 400							42.0
44.0	34.7	78.9	8 200*	42.7	83.8	9 500*	46.9	86.0	9 400*	53.2	88.5	7 800*							44.0
46.0	30.3	75.8	7 700*	39.1	81.5	8 900*	43.6	84.0	8 800*	50.2	86.9	7 300*	56.2	88.6	5 800*				46.0
48.0	25.3	72.0	7 300*	35.2	78.9	8 400*	40.0	81.7	8 200*	47.1	85.1	6 800*	53.3	87.1	5 400*				48.0
50.0	19.1	67.1	6 900*	30.9	75.8	7 900*	36.2	79.2	7 700*	43.8	83.2	6 400*	50.3	85.6	5 000*				50.0
52.0				25.9	72.1	7 500*	32.1	76.3	7 300*	40.3	80.9	5 900*	47.2	83.8	4 600*				52.0
54.0				19.9	67.4	7 000*	27.3	72.7	6 800*	36.5	78.4	5 500*	43.9	81.9	4 300*	50.2	83.8	3 100	54.0
56.0				11.1	60.2	6 700*	21.6	68.3	6 400*	32.4	75.5	5 200*	40.4	79.6	4 000*	47.0	82.0	2 800	56.0
58.0										27.7	72.0	4 900*	36.6	77.1	3 700*	43.7	80.1	2 600	58.0
60.0										22.1	67.7	4 600*	32.5	74.2	3 500*	40.2	77.9	2 400	60.0
62.0										14.6	61.7	4 200*	27.8	70.8	3 200*	36.4	75.3	2 200	62.0
64.0													22.2	66.5	3 000*	32.3	72.4	2 000	64.0
66.0													14.8	60.5	2 800*				66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			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	75.6	101.4	16 400*																16.8
18.0	74.2	101.0	16 000*																18.0
20.0	71.9	100.4	15 300*																20.0
22.0	69.6	99.7	14 500*																22.0
24.0	67.2	98.9	13 700*																24.0
26.0	64.8	98.0	12 900*	69.8	99.4	14 600*													26.0
28.0	62.3	97.1	12 200*	67.5	98.6	13 900*													28.0
30.0	59.8	95.9	11 500*	65.1	97.8	13 100*													30.0
32.0	57.2	94.7	10 800*	62.6	96.8	12 400*	65.7	97.6	13 200*										32.0
34.0	54.5	93.4	10 100*	60.1	95.7	11 700*	63.2	96.6	12 500*										34.0
36.0	51.7	91.9	9 500*	57.5	94.5	11 000*	60.7	95.6	11 900*										36.0
38.0	48.9	90.2	8 900*	54.8	93.1	10 300*	58.2	94.4	11 200*										38.0
40.0	45.9	88.4	8 300*	52.1	91.7	9 700*	55.5	93.1	10 500*	60.9	94.7	8 900							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	8 300							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	7 700							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	7 100							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	6 700	55.8	90.9	5 200				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	6 200	53.0	89.5	4 900				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	5 800	50.2	87.9	4 500				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	5 400	47.3	86.1	4 200				54.0
56.0				22.6	70.7	5 600*	29.0	75.5	6 200*	37.3	80.8	5 100	44.2	84.2	3 900	50.1	86.1	2 700	56.0
58.0				15.8	64.9	5 100*	24.0	71.5	5 700*	33.5	78.0	4 700	40.9	82.0	3 600	47.1	84.4	2 500	58.0
60.0							17.8	66.2	5 300*	29.3	74.7	4 400	37.4	79.5	3 300	44.0	82.4	2 200	60.0
62.0										24.4	70.8	4 100	33.6	76.7	3 100	40.8	80.2	2 000	62.0
64.0										18.3	65.7	3 900	29.4	73.5	2 900	37.3	77.7	1 900	64.0
66.0													24.5	69.5	2 600				66.0
68.0													18.5	64.5	2 400				68.0
70.0													9.2	56.3	2 200				70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	62.7	75.9	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	31 900*																			20.0
22.0	42.5	70.7	27 800*																			22.0
24.0	35.0	68.2	24 700*																			24.0
26.0	25.6	64.8	22 100*																			26.0
28.0																						28.0
30.0																						30.0
32.0																						32.0
34.0																						34.0
36.0																						36.0
38.0																						38.0
40.0																						40.0
42.0																						42.0
44.0																						44.0
46.0																						46.0
48.0																						48.0
50.0																						50.0

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	69.3	79.9	34 700*b																			13.7
14.0	68.7	79.8	34 600*b																			14.0
16.0	64.1	78.9	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	28 000*	60.6	77.7	27 200b																22.0
24.0	43.2	73.0	24 600*	55.6	76.5	24 400	62.2	77.6	22 500b													24.0
26.0	36.7	70.6	22 000*	50.4	74.9	22 000	57.3	76.5	20 300													26.0
28.0	29.0	67.5	19 900*	44.8	73.1	20 000	52.2	75.1	18 400													28.0
30.0	18.7	63.0	18 100*	38.5	70.9	18 300	46.7	73.3	16 800	58.3	75.7	14 400										30.0
32.0				31.1	68.0	16 800	40.7	71.3	15 500	53.3	74.3	13 200										32.0
34.0				21.7	64.0	15 500	33.8	68.6	14 200	47.9	72.7	12 200										34.0
36.0							25.3	65.1	13 200	41.9	70.7	11 300	54.0	73.1	9 300							36.0
38.0							12.3	59.2	12 200	35.2	68.2	10 400	48.7	71.5	8 600							38.0
40.0										27.2	64.9	9 700	42.9	69.6	8 000							40.0
42.0										15.7	59.8	9 000	36.3	67.2	7 400	49.1	69.9	5 900				42.0
44.0													43.3	68.0	5 400	28.5	68.0	5 400				44.0
46.0													36.8	65.6	5 000	17.9	59.3	6 400				46.0
48.0																29.2	62.5	4 700				48.0
50.0																18.9	58.0	4 300	43.3	65.8	3 400	50.0
52.0																			36.8	63.4	3 100	52.0
54.0																			29.1	60.3	2 800	54.0
																			18.8	55.8	2 500	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

51.8m (170 FT.) BOOM, 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	71.5	83.1	32 000*																					
14.0	70.9	83.0	31 900*																					
16.0	66.9	82.2	31 100*																					
18.0	62.7	81.3	29 400*																					
20.0	58.4	80.2	28 000*																					
22.0	53.8	78.8	26 600*	63.8	81.1	27 000b	65.2	81.0	22 300															
24.0	49.0	77.2	24 600*	59.5	80.1	24 200																		
26.0	43.8	75.3	21 900*	55.0	78.8	21 800																		
28.0	38.1	73.0	19 700*	50.3	77.2	19 800																		
30.0	31.5	70.2	17 900*	45.2	75.4	18 100																		
32.0	23.4	66.3	16 400*	39.6	73.2	16 600	47.0	75.6	15 300	57.4	78.0	13 000												
34.0				33.3	70.5	15 400	41.6	73.6	14 100	52.9	76.6	12 000												
36.0				25.6	67.0	14 200	35.5	71.1	13 000	48.0	75.0	11 100												
38.0				14.7	61.5	13 200	28.4	67.9	12 100	42.7	73.0	10 200												
40.0							19.1	63.3	11 200	36.8	70.6	9 500												
42.0										30.0	67.6	8 800	43.5	71.9	7 200	49.1	72.2	5 200						
44.0										21.3	63.4	8 200	37.7	69.6	6 700									
46.0													31.1	66.6	6 200									
48.0													22.7	62.7	5 800									
50.0													8.9	55.7	5 400									
52.0																23.5	61.3	3 800	38.1	65.8	2 600			
54.0																						31.6	62.9	2 400
56.0																						23.4	59.1	2 100

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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	73.2	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	24 200																24.0
26.0	49.0	79.5	21 500*	58.6	82.4	21 800	63.8	83.5	20 000													26.0
28.0	44.3	77.7	20 500*	54.5	81.1	19 800	59.9	82.4	18 200													28.0
30.0	39.2	75.4	18 700*	50.2	79.5	18 100	55.9	81.1	16 600													30.0
32.0	33.4	72.7	17 100*	45.5	77.7	16 600	51.7	79.7	15 300													32.0
34.0	26.6	69.2	15 700*	40.5	75.6	15 400	47.1	77.9	14 100	56.7	80.4	12 000										34.0
36.0	17.5	64.3	14 300*	35.0	73.0	14 200	42.3	75.9	13 000	52.5	78.9	11 000										36.0
38.0				28.4	69.8	13 200	36.9	73.5	12 100	48.1	77.3	10 200										38.0
40.0				20.1	65.3	12 300	30.8	70.5	11 300	43.3	75.3	9 500	53.1	77.7	7 800							40.0
42.0							23.3	66.6	10 500	38.0	73.0	8 800	48.7	76.1	7 200							42.0
44.0							11.9	60.3	9 800	32.1	70.1	8 300	44.0	74.2	6 700							44.0
46.0										24.9	66.5	7 700	38.9	71.9	6 200	49.1	74.5	4 800				46.0
48.0										14.9	60.9	7 200	33.0	69.2	5 800	44.4	72.6	4 400				48.0
50.0													26.1	65.7	5 400	39.3	70.4	4 100				50.0
52.0													16.7	60.6	5 000	33.5	67.6	3 800	44.4	70.4	2 600	52.0
54.0																26.7	64.2	3 500	39.2	68.2	2 400	54.0
56.0																17.6	59.3	3 200	33.5	65.5	2 100	56.0
58.0																			26.6	62.0	1 900	58.0

LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

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MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.9	92.6	22 800*																13.7
14.0	75.4	92.6	22 700*																14.0
16.0	72.4	92.0	22 200*																16.0
18.0	69.3	91.3	21 700*																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	21 500*													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	19 600	64.9	89.3	17 900										28.0
30.0	49.0	84.1	16 700*	57.2	87.1	17 800	61.7	88.2	16 300										30.0
32.0	45.1	82.3	16 000*	53.7	85.7	16 400	58.3	87.1	14 900										32.0
34.0	40.8	80.1	15 200*	50.0	84.2	15 100	54.9	85.8	13 700										34.0
36.0	36.2	77.6	14 200*	46.1	82.4	14 000	51.2	84.3	12 700	59.0	86.3	10 700							36.0
38.0	30.9	74.6	13 100*	41.9	80.3	13 000	47.4	82.6	11 800	55.6	85.0	9 900							38.0
40.0	24.8	70.8	12 100*	37.4	77.9	12 100	43.4	80.6	11 000	52.0	83.6	9 200							40.0
42.0	16.6	65.5	11 100*	32.3	75.0	11 300	39.0	78.3	10 300	48.2	81.9	8 500	56.1	83.8	6 800				42.0
44.0				26.4	71.4	10 600	34.1	75.6	9 600	44.2	80.0	7 900	52.5	82.4	6 300				44.0
46.0				18.9	66.7	9 900	28.6	72.3	9 000	39.9	77.7	7 400	48.8	80.7	5 900				46.0
48.0							21.8	68.1	8 400	35.1	75.1	6 900	44.8	78.8	5 500				48.0
50.0							11.7	61.4	7 900	29.7	72.0	6 500	40.5	76.7	5 100	49.1	79.1	3 700	50.0
52.0										23.3	68.0	6 100	35.9	74.1	4 700	45.1	77.2	3 500	52.0
54.0										14.3	62.1	5 700	30.6	71.1	4 400	40.9	75.1	3 200	54.0
56.0													24.3	67.2	4 100	36.2	72.6	2 900	56.0
58.0													15.9	61.8	3 800	31.0	69.6	2 700	58.0
60.0																24.8	65.8	2 500	60.0
62.0																16.7	60.5	2 200	62.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			JIB OPER. RAD. m	83 DEGREE BOOM ANGLE			JIB OPER. RAD. m	80 DEGREE BOOM ANGLE			JIB OPER. RAD. m	75 DEGREE BOOM ANGLE			JIB OPER. RAD. m	70 DEGREE BOOM ANGLE			JIB OPER. RAD. m	65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg		JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB 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	20 900*	15.2				15.2				15.2				15.2				15.2				15.2
16.0	73.7	95.2	20 700*	16.0				16.0				16.0				16.0				16.0				16.0
18.0	70.9	94.5	20 200*	18.0				18.0				18.0				18.0				18.0				18.0
20.0	68.0	93.8	19 400*	20.0				20.0				20.0				20.0				20.0				20.0
22.0	65.1	92.9	18 500*	22.0				22.0				22.0				22.0				22.0				22.0
24.0	62.1	91.9	17 600*	24.0	68.7	93.6	19 700*	24.0				24.0				24.0				24.0				24.0
26.0	59.0	90.8	16 800*	26.0	65.8	92.7	18 900*	26.0				26.0				26.0				26.0				26.0
28.0	55.8	89.5	16 000*	28.0	62.8	91.8	18 100*	28.0	66.8	92.6	17 700	28.0				28.0				28.0				28.0
30.0	52.5	88.1	15 200*	30.0	59.8	90.7	17 200*	30.0	63.9	91.7	16 100	30.0				30.0				30.0				30.0
32.0	49.0	86.4	14 500*	32.0	56.6	89.4	16 200	32.0	60.8	90.6	14 700	32.0				32.0				32.0				32.0
34.0	45.4	84.6	13 700*	34.0	53.3	88.0	14 900	34.0	57.7	89.4	13 600	34.0				34.0				34.0				34.0
36.0	41.5	82.5	13 100*	36.0	49.9	86.5	13 800	36.0	54.5	88.1	12 600	36.0	61.4	89.8	10 500	36.0				36.0				36.0
38.0	37.2	80.0	12 500*	38.0	46.3	84.7	12 800	38.0	51.1	86.6	11 600	38.0	58.3	88.7	9 700	38.0				38.0				38.0
40.0	32.5	77.2	11 800*	40.0	42.5	82.6	11 900	40.0	47.5	84.9	10 800	40.0	55.1	87.3	8 900	40.0				40.0				40.0
42.0	27.1	73.7	11 100*	42.0	38.3	80.3	11 100	42.0	43.8	82.9	10 100	42.0	51.8	85.9	8 300	42.0				42.0				42.0
44.0	20.5	69.1	10 300*	44.0	33.7	77.5	10 400	44.0	39.8	80.7	9 400	44.0	48.3	84.2	7 800	44.0	55.6	86.1	6 100	44.0				44.0
46.0				46.0	28.6	74.2	9 800	46.0	35.4	78.1	8 800	46.0	44.6	82.3	7 200	46.0	52.3	84.7	5 600	46.0				46.0
48.0				48.0	22.3	70.0	9 200	48.0	30.4	75.0	8 300	48.0	40.6	80.1	6 800	48.0	48.8	83.0	5 300	48.0				48.0
50.0				50.0	13.6	63.8	8 600	50.0	24.6	71.1	7 700	50.0	36.3	77.6	6 300	50.0	45.1	81.2	4 900	50.0				50.0
52.0				52.0				52.0	17.0	65.9	7 300	52.0	31.5	74.6	5 900	52.0	41.2	79.0	4 500	52.0	49.1	81.4	3 200	52.0
54.0				54.0				54.0				54.0	25.8	70.9	5 500	54.0	36.9	76.6	4 200	54.0	45.4	79.5	2 900	54.0
56.0				56.0				56.0				56.0	18.8	66.1	5 100	56.0	32.2	73.7	3 900	56.0	41.5	77.4	2 700	56.0
58.0				58.0				58.0				58.0				58.0	26.7	70.1	3 700	58.0	37.3	75.0	2 500	58.0
60.0				60.0				60.0				60.0				60.0	20.0	65.5	3 400	60.0	32.6	72.1	2 300	60.0
62.0				62.0				62.0				62.0				62.0	9.3	57.8	3 100	62.0	27.2	68.6	2 100	62.0
64.0				64.0				64.0				64.0				64.0				64.0	20.6	64.1	1 900	64.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 1

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			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	75.8	98.6	19 500*																15.2
16.0	74.8	98.3	19 300*																16.0
18.0	72.2	97.7	18 800*																18.0
20.0	69.5	97.1	17 900*																20.0
22.0	66.8	96.3	17 100*																22.0
24.0	64.1	95.3	16 300*																24.0
26.0	61.3	94.3	15 500*	67.5	96.1	17 400*													26.0
28.0	58.4	93.1	14 600*	64.8	95.2	16 600*													28.0
30.0	55.4	91.8	13 900*	62.0	94.2	15 900*	65.7	95.0	16 000										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	13 500										34.0
36.0	45.6	86.9	11 800*	53.1	90.3	13 600*	57.1	91.8	12 500										36.0
38.0	42.0	84.8	11 200*	49.8	88.8	12 800	54.1	90.4	11 600	60.7	92.2	9 600							38.0
40.0	38.1	82.4	10 600*	46.5	87.0	11 900	51.0	88.9	10 800	57.7	91.0	8 900							40.0
42.0	33.8	79.7	10 100*	42.9	84.9	11 100	47.6	87.2	10 000	54.7	89.7	8 300							42.0
44.0	29.0	76.4	9 600*	39.1	82.6	10 400	44.2	85.2	9 400	51.6	88.2	7 700							44.0
46.0	23.3	72.3	9 100*	34.9	80.0	9 700	40.4	83.0	8 800	48.3	86.5	7 200	55.2	88.4	5 600				46.0
48.0	15.8	66.7	8 700*	30.3	76.9	9 100	36.4	80.5	8 200	44.9	84.6	6 700	52.1	87.0	5 200				48.0
50.0				24.9	73.0	8 600	31.9	77.5	7 700	41.2	82.4	6 300	48.8	85.3	4 800				50.0
52.0				18.0	67.9	8 100	26.8	74.0	7 300	37.2	80.0	5 900	45.4	83.5	4 500	52.3	85.3	3 100	52.0
54.0							20.6	69.4	6 800	32.9	77.1	5 500	41.8	81.4	4 200	49.1	83.7	2 900	54.0
56.0							11.5	62.5	6 400	27.9	73.7	5 100	37.8	79.0	3 900	45.7	81.8	2 700	56.0
58.0										22.0	69.4	4 800	33.5	76.2	3 600	42.0	79.7	2 400	58.0
60.0										13.8	63.2	4 500	28.7	72.9	3 300	38.1	77.4	2 200	60.0
62.0													22.9	68.7	3 100	33.9	74.6	2 000	62.0
64.0													15.3	62.9	2 900	29.1	71.4	1 800	64.0