

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

CAPACITIES FOR VARIOUS BOOM LENGTHS, BOOM ANGLES, LUFFING JIB LENGTHS, AND LUFFING JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND ARE CALCULATED TO COMPLY WITH 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.

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

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

MACHINE TO OPERATE ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH CRAWLERS FULLY EXTENDED, GANTRY UP AND BEARING TURNABLE LEVEL WITHIN A TOLERANCE OF 13 mm IN 3m AND PROPERLY SUPPORTED. DURING OPERATION, BOOM MUST BE MAINTAINED AT ONE OF THE SELECTED ANGLES SHOWN IN CHART. REFER TO LUFFING JIB ASSEMBLY NO. 177063 OR NO. 177354, WIRE ROPE SPECIFICATION CHART NO. 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, 81 240 kg CRANE COUNTERWEIGHT, AND 19 960 kg CARBODY COUNTERWEIGHT.

CONSULT CHART NO. 7910-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 - 61.0	45.7 - 51.8
30.5 - 48.8	21.3 - 30.5	30.5 - 48.8	33.5 - 51.8		
		51.8 - 57.9	21.3 - 42.7		
		61.0	30.5 - 42.7		

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81 240 kg CRANE COUNTERWEIGHT
19 960 kg CARBODY COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

21.3m (70 FT.) BOOM, 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	44 400*b	61.8	42.1	46 200*b													16.0
18.0	45.2	38.9	33 300*	51.8	40.3	39 200*	55.5	40.9	42 500*b													18.0
20.0	37.0	36.6	28 800*	44.6	38.5	33 000*	48.7	39.4	36 000*	54.8	40.3	40 000b										20.0
22.0	26.8	33.4	25 200*	36.3	36.2	28 600*	41.0	37.4	30 900*	47.9	38.7	35 300	54.0	39.5	34 400b							22.0
24.0				25.9	32.9	25 000*	32.0	34.7	26 900*	40.2	36.7	30 600*	47.1	37.9	30 800							24.0
26.0										31.0	33.9	26 600*	39.2	35.8	27 900							26.0
28.0										18.0	29.5	23 400*	29.7	32.8	25 400	45.9	36.8	27 000				28.0
30.0													15.8	28.1	23 000	37.9	34.6	24 600	44.5	35.6	23 800	30.0
32.0																28.0	31.5	22 500	36.2	33.2	21 800	32.0
																12.4	26.1	20 700	25.8	29.9	20 000	

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	43 000*b													16.0
18.0	51.9	42.9	33 500*	57.2	44.1	38 400*	60.3	44.5	40 400*b													18.0
20.0	45.6	41.2	28 800*	51.5	42.6	33 000*	54.7	43.2	36 100*	59.7	44.0	39 800b										20.0
22.0	38.6	39.0	25 300*	45.2	40.8	28 600*	48.7	41.7	30 900*	54.1	42.6	35 200										22.0
24.0	30.3	36.1	22 400*	38.1	38.6	25 100*	42.1	39.7	27 000*	48.1	41.0	30 600*	53.4	41.9	30 700							24.0
26.0				29.6	35.6	22 300*	34.5	37.2	23 800*	41.4	39.0	26 700*	47.3	40.2	27 700	52.5	40.9	26 800				26.0
28.0				18.0	31.1	19 700*	25.0	33.7	21 100*	33.7	36.4	23 600*	40.5	38.1	25 200	46.3	39.1	24 400				28.0
30.0										23.9	32.8	21 000*	32.6	35.4	23 100	39.4	37.0	22 400				30.0
32.0										5.0	25.0	18 600*	22.5	31.6	20 700*	31.3	34.2	20 600	38.0	35.6	19 900	32.0
34.0																20.5	30.1	19 100	29.5	32.6	18 400	34.0
36.0																			17.8	28.1	17 100	36.0

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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.	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	
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	33 500*													20.0
22.0	46.0	43.5	25 600*	51.2	44.9	29 100*	54.1	45.6	31 300*	58.6	46.3	33 400*										22.0
24.0	39.9	41.4	22 700*	45.6	43.2	25 400*	48.7	44.0	27 300*	53.6	45.0	30 800*										24.0
26.0	32.8	38.6	20 300*	39.4	41.0	22 500*	42.9	42.0	24 000*	48.2	43.3	27 000*	52.9	44.2	27 600							26.0
28.0	24.1	34.9	18 200*	32.3	38.2	20 100*	36.3	39.6	21 400*	42.3	41.4	23 800*	47.5	42.5	25 200							28.0
30.0				23.3	34.4	18 100*	28.6	36.5	19 200*	35.6	38.9	21 200*	41.5	40.5	23 100	46.6	41.4	22 300				30.0
32.0				7.5	27.2	15 900*	18.0	31.8	17 300*	27.7	35.6	19 000*	34.8	37.9	21 000	40.6	39.3	20 500	39.3	38.0	18 300	32.0
34.0										16.6	30.7	17 100*	26.6	34.5	18 800*	33.6	36.7	19 000	25.1	33.2	17 000	34.0
36.0													14.7	29.2	16 900*	25.1	33.2	17 600	23.2	31.4	15 800	36.0
38.0																12.0	27.2	16 400				38.0

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	29 300*													22.0
24.0	46.3	45.8	22 600*	51.0	47.2	25 500*	53.6	47.9	27 100*	57.7	48.7	29 200*										24.0
26.0	40.9	43.7	20 200*	45.9	45.5	22 500*	48.8	46.3	24 000*	53.1	47.3	26 900*	57.1	47.9	27 400							26.0
28.0	34.7	41.1	18 200*	40.4	43.3	20 100*	43.5	44.3	21 400*	48.3	45.6	23 800*	52.5	46.5	25 000							28.0
30.0	27.5	37.8	16 500*	34.2	40.7	18 100*	37.8	42.0	19 200*	43.0	43.7	21 200*	47.6	44.8	22 900							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	19 000*	42.3	42.8	21 000	46.9	43.8	20 400				32.0
34.0				16.7	32.3	14 900*	22.8	35.2	15 700*	30.4	38.3	17 200*	36.4	40.4	18 800*	41.5	41.7	18 800	45.9	42.5	18 100	34.0
36.0										21.8	34.2	15 600*	29.5	37.3	17 000*	35.4	39.2	17 500	40.4	40.3	16 900	36.0
38.0										6.4	26.3	14 100*	20.6	33.0	15 400*	28.3	36.0	16 300	34.2	37.7	15 700	38.0
40.0																18.9	31.4	15 200	26.8	34.3	14 600	40.0
42.0																			16.6	29.3	13 700	42.0

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81 240 kg CRANE COUNTERWEIGHT
19 960 kg CARBODY COUNTERWEIGHT
8 585 mm CRAWLERS EXTENDED
360 DEGREE RATING

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
12.2	74.0	56.0	33 400*																			12.2
14.0	70.8	55.4	32 300*																			14.0
16.0	67.1	54.6	30 400*																			16.0
18.0	63.3	53.7	28 700*	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	28 200*													22.0
24.0	51.1	49.9	22 700*	55.1	51.0	25 300*	57.3	51.6	26 700*													24.0
26.0	46.6	48.1	20 300*	50.8	49.5	22 500*	53.2	50.2	24 000*	56.9	51.0	26 500*										26.0
28.0	41.7	46.0	18 200*	46.2	47.8	20 100*	48.8	48.6	21 400*	52.8	49.6	23 800*	56.4	50.2	25 000							28.0
30.0	36.2	43.6	16 600*	41.3	45.7	18 100*	44.1	46.7	19 200*	48.3	47.9	21 200*	52.2	48.8	22 900							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	19 100*	47.8	47.1	21 000							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	17 300*	43.0	45.1	18 900*	47.1	46.1	18 800				34.0
36.0				21.5	35.8	13 700*	26.2	38.1	14 400*	32.5	40.9	15 700*	37.7	42.8	17 100*	42.2	44.0	17 500				36.0
38.0				8.1	28.3	11 800*	16.8	33.0	13 200*	25.4	37.3	14 300*	31.7	39.9	15 600*	36.8	41.6	16 300	41.2	42.7	15 700	38.0
40.0										15.6	31.9	13 100*	24.4	36.1	14 200*	30.7	38.6	15 200	35.7	40.2	14 700	40.0
42.0													14.0	30.4	13 000*	23.1	34.7	14 100*	29.4	37.0	13 800	42.0
44.0																11.6	28.3	12 800*	21.4	32.8	12 900	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.	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	
12.2	75.4	59.1	30 900*																			12.2
14.0	72.4	58.6	29 900*																			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	23 300*	60.0	54.6	24 500*										26.0
28.0	46.8	50.4	18 200*	50.6	51.8	20 100*	52.8	52.5	21 400*	56.3	53.3	23 200*										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	21 200*	55.8	52.5	22 700							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	19 000*	52.0	51.1	20 900							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	17 200*	47.9	49.4	18 800*	51.4	50.1	18 600				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	15 600*	43.5	47.4	17 000*	47.2	48.4	17 300				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	14 300*	38.7	45.2	15 500*	42.8	46.4	16 200				38.0
40.0				15.8	33.5	11 400*	21.2	36.6	12 100*	28.0	40.1	13 100*	33.4	42.4	14 200*	38.0	44.0	15 100	41.9	45.0	14 500	40.0
42.0										20.4	35.6	12 000*	27.2	39.0	13 000*	32.5	41.2	14 000	37.0	42.6	13 600	42.0
44.0										7.2	27.4	11 000*	19.2	34.3	11 900*	26.1	37.6	12 800*	31.4	39.7	12 700	44.0
46.0																17.7	32.6	11 800*	24.8	35.9	12 000	46.0
48.0																			15.7	30.5	11 300	48.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	10 900*				42.0
44.0	32.7	50.1	7 900*	36.5	52.6	8 400*	38.6	53.8	8 700*	41.9	55.5	9 300*	44.9	56.7	9 800*	47.7	57.6	10 200*				44.0
46.0	28.0	46.7	7 400*	32.4	49.7	7 900*	34.7	51.1	8 200*	38.3	53.1	8 700*	41.5	54.6	9 200*	44.4	55.6	9 700*	47.1	56.3	10 000*	46.0
48.0	22.5	42.4	7 000*	27.7	46.2	7 400*	30.3	48.0	7 700*	34.3	50.4	8 200*	37.8	52.2	8 600*	40.9	53.5	9 100*	43.8	54.3	9 400*	48.0
50.0	15.3	36.6	6 600*	22.1	41.9	7 000*	25.3	44.2	7 200*	29.9	47.2	7 700*	33.8	49.4	8 100*	37.2	51.0	8 600*	40.3	52.1	8 900*	50.0
52.0				14.6	35.8	6 600*	19.1	39.3	6 900*	24.7	43.3	7 200*	29.3	46.1	7 600*	33.1	48.2	8 000*	36.5	49.6	8 400*	52.0
54.0										18.3	38.2	6 800*	24.1	42.1	7 200*	28.6	44.8	7 600*	32.3	46.7	8 000*	54.0
56.0										8.0	29.7	6 500*	17.4	36.9	6 800*	23.2	40.7	7 200*	27.6	43.2	7 500*	56.0
58.0																16.2	35.1	6 800*	22.0	38.9	7 100*	58.0
60.0																			14.5	32.8	6 700*	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	74.5	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	9 200*				44.0
46.0	33.8	52.6	6 500*	37.3	55.0	7 000*	39.3	56.2	7 200*	42.4	57.8	7 700*	45.2	59.0	8 200*	47.8	59.9	8 600*				46.0
48.0	29.6	49.4	6 100*	33.5	52.2	6 500*	35.7	53.6	6 800*	39.0	55.5	7 200*	42.0	56.9	7 700*	44.7	57.9	8 100*				48.0
50.0	24.8	45.5	5 600*	29.3	48.9	6 000*	31.7	50.6	6 300*	35.3	52.8	6 700*	38.5	54.6	7 200*	41.5	55.8	7 600*	44.1	56.6	8 000*	50.0
52.0	18.8	40.5	5 100*	24.4	44.9	5 600*	27.2	47.0	5 900*	31.3	49.8	6 300*	34.8	51.9	6 700*	38.0	53.4	7 100*	40.8	54.5	7 400*	52.0
54.0				18.3	39.8	5 100*	21.8	42.6	5 400*	26.7	46.2	5 900*	30.7	48.8	6 200*	34.2	50.7	6 600*	37.3	52.0	7 000*	54.0
56.0				8.9	31.6	4 700*	14.8	36.6	4 900*	21.3	41.7	5 300*	26.1	45.1	5 800*	30.1	47.5	6 200*	33.5	49.2	6 500*	56.0
58.0										13.9	35.4	4 800*	20.5	40.4	5 300*	25.3	43.7	5 700*	29.2	45.9	6 100*	58.0
60.0													12.8	33.7	4 800*	19.5	38.8	5 200*	24.3	41.9	5 600*	60.0
62.0																11.2	31.5	4 800*	18.2	36.8	5 100*	62.0
64.0																			8.7	28.5	4 700*	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	44 900*b																16.0
18.0	45.6	42.0	34 000*	53.1	43.6	40 400*	57.2	44.3	44 100*b													18.0
20.0	37.4	39.8	29 300*	46.0	41.9	34 300*	50.5	42.8	37 800*	57.4	43.8	39 500b										20.0
22.0	27.4	36.6	25 600*	38.0	39.7	29 600*	43.1	40.9	32 500*	50.7	42.4	35 000b										22.0
24.0	11.1	30.9	20 400*	28.1	36.6	25 900*	34.6	38.5	28 200*	43.4	40.5	31 400	50.8	41.7	30 200							24.0
26.0							23.5	34.9	24 700*	34.9	38.0	28 400	43.4	39.8	27 300	50.6	40.8	26 300				26.0
28.0										23.9	34.5	24 900*	34.9	37.4	24 900	43.2	38.9	23 900				28.0
30.0													24.0	33.8	22 800	34.7	36.4	21 900	42.7	37.7	21 100	30.0
32.0																23.6	32.8	20 200	34.0	35.2	19 400	32.0
34.0																			22.7	31.5	17 900	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.	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	
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	39 300*	61.7	47.8	41 000*b													18.0
20.0	46.0	44.3	29 400*	52.6	45.9	34 300*	56.2	46.6	38 000*	61.9	47.3	39 300b										20.0
22.0	39.0	42.2	25 800*	46.4	44.2	29 700*	50.3	45.1	32 400*	56.4	46.1	34 900										22.0
24.0	30.8	39.3	22 800*	39.5	42.1	26 000*	43.9	43.3	28 300*	50.5	44.7	31 300										24.0
26.0	19.8	35.1	20 200*	31.4	39.3	23 000*	36.6	40.9	24 900*	44.1	42.8	28 300	50.6	44.0	27 200							26.0
28.0				20.6	35.2	20 500*	27.8	37.7	22 100*	36.9	40.5	25 100*	44.2	42.1	24 700	50.4	43.1	23 800				28.0
30.0							14.9	32.6	19 600*	28.1	37.3	22 200*	36.9	39.8	22 700	44.0	41.2	21 800				30.0
32.0										15.5	32.3	19 800*	28.2	36.7	20 900	36.7	38.8	20 000				32.0
34.0																27.9	35.7	18 600	36.1	37.6	17 800	34.0
36.0																15.0	30.6	17 200	27.2	34.4	16 500	36.0
38.0																			13.7	29.0	15 300	38.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB 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																			16.0
18.0	57.0	49.8	32 100*	66.8	51.8	36 700*b	65.1	51.2	36 000*b													18.0
20.0	51.9	48.4	29 900*	62.1	50.8	34 600*	60.4	50.2	34 000*													20.0
22.0	46.3	46.6	26 100*	57.3	49.7	32 700*	55.4	48.9	32 000*	60.5	49.7	34 000										22.0
24.0	40.2	44.5	23 100*	52.2	48.2	30 300*	50.2	47.4	28 700*	55.6	48.5	31 300										24.0
26.0	33.3	41.8	20 600*	46.7	46.5	26 300*	44.5	45.6	25 200*	50.4	47.0	28 200	55.6	47.8	27 100							26.0
28.0	24.6	38.2	18 500*	40.6	44.4	23 300*	38.2	43.3	22 300*	44.7	45.1	25 400*	50.4	46.3	24 700							28.0
30.0	10.9	32.0	15 500*	33.7	41.8	20 800*	30.8	40.4	20 000*	38.4	42.9	22 500*	44.7	44.4	22 600	50.2	45.4	21 700				30.0
32.0				25.2	38.3	18 700*	21.3	36.3	18 000*	31.0	40.0	20 100*	38.4	42.2	20 800	44.5	43.5	20 000				32.0
34.0				12.1	32.3	16 800*				21.6	35.9	18 100*	31.1	39.3	19 300	38.2	41.2	18 500	44.1	42.3	17 700	34.0
36.0													21.7	35.3	17 900	30.9	38.3	17 100	30.3	37.1	15 300	36.0
38.0																21.4	34.3	16 000	20.5	32.9	14 300	38.0
40.0																						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	65.1	54.2	32 200*													16.0
18.0	60.6	53.4	29 800*	65.1	54.2	32 200*	63.6	53.6	31 500*													18.0
20.0	56.2	52.1	28 100*	60.9	53.2	30 300*	59.3	52.6	29 800*													20.0
22.0	51.6	50.7	26 100*	56.5	52.0	28 600*	54.8	51.3	28 100*	59.4	52.1	29 800*										22.0
24.0	46.6	49.0	23 100*	51.9	50.6	26 300*	50.1	49.7	25 100*	55.0	50.8	28 100										24.0
26.0	41.2	46.9	20 600*	46.9	48.8	23 300*	45.0	47.9	22 300*	50.2	49.3	25 300*	55.0	50.1	24 500							26.0
28.0	35.1	44.3	18 500*	41.5	46.8	20 800*	39.4	45.7	20 000*	45.1	47.4	22 500*	50.2	48.6	22 400							28.0
30.0	27.9	41.1	16 800*	35.5	44.3	18 700*	33.0	42.9	18 100*	39.5	45.2	20 100*	45.2	46.8	20 700							30.0
32.0	18.3	36.4	15 200*	28.4	41.1	16 900*	25.3	39.4	16 300*	33.2	42.5	18 200*	39.6	44.6	19 100	45.0	45.8	18 300				32.0
34.0				19.0	36.5	15 300*	14.1	33.8	14 800*	25.5	39.0	16 400*	33.2	41.8	17 800	39.4	43.6	17 000	44.6	44.6	16 300	34.0
36.0										14.5	33.5	14 900*	25.6	38.3	16 400	33.0	40.9	15 800	32.6	39.6	14 100	36.0
38.0																25.3	37.3	14 800	24.7	36.0	13 200	38.0
40.0																			13.1	30.1	12 400	40.0
42.0																14.2	31.7	13 800				42.0
44.0																						44.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	74.2	59.1	33 200*b																			12.2
14.0	71.0	58.5	32 200*b																			14.0
16.0	67.3	57.7	30 400*																			16.0
18.0	63.5	56.8	28 700*	67.5	57.6	30 800*																18.0
20.0	59.7	55.7	27 100*	63.8	56.7	29 100*	66.1	57.0	30 100*													20.0
22.0	55.6	54.5	25 500*	59.9	55.6	27 500*	62.3	56.0	28 600*													22.0
24.0	51.4	53.0	23 100*	55.8	54.3	25 900*	58.4	54.9	27 000*													24.0
26.0	46.8	51.3	20 600*	51.6	52.9	23 300*	54.3	53.6	25 100*	58.5	54.4	27 100*										26.0
28.0	41.9	49.2	18 600*	47.1	51.1	20 800*	50.0	52.0	22 300*	54.4	53.1	25 400*										28.0
30.0	36.5	46.8	16 800*	42.2	49.1	18 800*	45.3	50.2	20 000*	50.1	51.6	22 500*	54.5	52.4	22 400							30.0
32.0	30.3	43.7	15 300*	36.9	46.7	17 000*	40.3	48.0	18 100*	45.5	49.7	20 100*	50.1	50.9	20 600							32.0
34.0	22.7	39.7	14 000*	30.7	43.7	15 500*	34.7	45.4	16 400*	40.5	47.6	18 200*	45.5	49.1	19 100	50.0	50.0	18 300				34.0
36.0	10.7	33.1	11 700*	23.2	39.8	14 100*	28.1	42.2	15 000*	34.9	45.0	16 500*	40.5	46.9	17 800	45.4	48.1	17 000				36.0
38.0				11.8	33.4	12 900*	19.7	37.7	13 700*	28.4	41.8	15 000*	34.9	44.3	16 500	40.4	46.0	15 800				38.0
40.0										20.0	37.3	13 700*	28.4	41.1	15 100*	34.7	43.4	14 800	40.0	44.8	14 100	40.0
42.0													20.1	36.6	13 800*	28.2	40.1	13 900	34.3	42.1	13 200	42.0
44.0																19.8	35.6	13 000	27.7	38.8	12 400	44.0
46.0																			19.1	34.2	11 700	46.0

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	75.5	62.2	30 800*b																			12.2
14.0	72.6	61.7	29 800*b																			14.0
16.0	69.3	61.0	28 100*																			16.0
18.0	65.9	60.2	26 600*																			18.0
20.0	62.4	59.2	25 100*	66.1	60.0	26 900*																20.0
22.0	58.8	58.1	23 800*	62.6	59.1	25 500*	64.8	59.5	26 400*													22.0
24.0	55.1	56.8	22 500*	59.0	57.9	24 100*	61.3	58.4	25 000*													24.0
26.0	51.2	55.3	20 500*	55.3	56.6	22 800*	57.7	57.3	23 700*	61.4	58.0	24 900*										26.0
28.0	47.0	53.6	18 500*	51.4	55.2	20 800*	53.9	55.9	22 200*	57.8	56.8	23 700*										28.0
30.0	42.6	51.5	16 800*	47.3	53.4	18 700*	49.9	54.3	20 000*	54.0	55.4	22 200*										30.0
32.0	37.7	49.2	15 300*	42.8	51.4	16 900*	45.7	52.5	18 000*	50.0	53.9	20 000*	54.0	54.7	20 500							32.0
34.0	32.2	46.3	14 000*	38.0	49.1	15 400*	41.1	50.4	16 400*	45.8	52.1	18 100*	50.0	53.2	18 900							34.0
36.0	25.8	42.7	12 800*	32.6	46.3	14 100*	36.1	47.9	14 900*	41.2	49.9	16 400*	45.8	51.4	17 600	49.9	52.3	16 800				36.0
38.0	17.2	37.6	11 700*	26.2	42.7	12 900*	30.3	44.8	13 700*	36.2	47.5	15 000*	41.3	49.3	16 400	45.7	50.4	15 700				38.0
40.0				17.8	37.8	11 900*	23.4	40.9	12 500*	30.5	44.4	13 700*	36.3	46.8	15 000*	41.1	48.3	14 600	45.4	49.3	13 900	40.0
42.0							13.5	34.9	11 500*	23.7	40.5	12 600*	30.6	43.7	13 800*	36.1	45.8	13 700	40.8	47.1	13 100	42.0
44.0										13.9	34.6	11 600*	23.7	39.8	12 600*	30.4	42.8	12 900	35.7	44.6	12 200	44.0
46.0																23.5	38.8	12 100	30.0	41.5	11 500	46.0
48.0																13.6	32.9	11 400	22.9	37.5	10 800	48.0
50.0																			12.6	31.2	10 200	50.0

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BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.4	65.0	25 500*																			13.7
14.0	74.0	64.9	25 300*																			14.0
16.0	70.9	64.3	24 000*																			16.0
18.0	67.8	63.5	22 700*																			18.0
20.0	64.7	62.6	21 400*	68.0	63.3	22 900*																20.0
22.0	61.4	61.6	20 300*	64.9	62.5	21 700*	66.9	62.8	22 400*													22.0
24.0	58.1	60.4	19 200*	61.6	61.4	20 500*	63.7	61.9	21 200*													24.0
26.0	54.6	59.1	18 200*	58.3	60.3	19 500*	60.4	60.8	20 100*													26.0
28.0	51.0	57.6	17 300*	54.8	59.0	18 500*	57.0	59.6	19 100*	60.5	60.3	20 100*										28.0
30.0	47.2	55.9	16 400*	51.2	57.5	17 500*	53.5	58.2	18 100*	57.1	59.1	19 100*										30.0
32.0	43.1	53.9	15 400*	47.4	55.7	16 600*	49.8	56.6	17 200*	53.6	57.7	18 200*										32.0
34.0	38.7	51.6	14 100*	43.3	53.8	15 600*	45.9	54.8	16 300*	49.9	56.2	17 300*	53.6	57.0	18 000*							34.0
36.0	33.8	48.8	12 900*	38.9	51.5	14 200*	41.7	52.7	15 100*	46.0	54.4	16 400*	50.0	55.5	17 200*							36.0
38.0	28.1	45.5	11 900*	34.1	48.8	13 000*	37.2	50.3	13 800*	41.9	52.3	15 100*	46.1	53.7	16 300*	49.8	54.6	15 500				38.0
40.0	21.2	41.1	10 900*	28.5	45.5	12 000*	32.1	47.4	12 600*	37.3	49.9	13 800*	41.9	51.6	15 200*	46.0	52.7	14 500				40.0
42.0	10.7	34.1	9 400*	21.7	41.2	11 000*	26.2	43.8	11 600*	32.3	47.0	12 700*	37.4	49.2	13 900*	41.8	50.7	13 600	45.7	51.6	12 900	42.0
44.0				11.5	34.5	10 100*	18.5	39.0	10 700*	26.4	43.4	11 700*	32.3	46.3	12 700*	37.2	48.2	12 700	41.5	49.5	12 100	44.0
46.0										18.8	38.6	10 800*	26.4	42.8	11 700*	32.1	45.4	12 000	36.9	47.0	11 400	46.0
48.0													18.9	38.0	10 800*	26.2	41.8	11 300	31.8	44.1	10 700	48.0
50.0																18.6	36.9	10 600	25.7	40.4	10 100	50.0
52.0																			18.0	35.5	9 600	52.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	12 100*							38.0
40.0	40.8	58.6	9 000*	44.4	60.7	9 600*	46.5	61.7	10 100*	49.8	63.1	10 800*	52.8	64.0	11 400*							40.0
42.0	37.0	56.2	8 400*	41.0	58.6	9 000*	43.2	59.7	9 400*	46.6	61.3	10 100*	49.8	62.4	10 700*							42.0
44.0	32.9	53.3	7 900*	37.2	56.1	8 500*	39.6	57.5	8 900*	43.3	59.3	9 500*	46.6	60.6	10 100*	49.7	61.5	10 600*				44.0
46.0	28.3	49.9	7 400*	33.2	53.3	8 000*	35.8	54.9	8 300*	39.7	57.0	8 900*	43.3	58.6	9 500*	46.5	59.7	10 000*				46.0
48.0	22.9	45.7	7 000*	28.6	49.9	7 500*	31.5	51.9	7 800*	35.9	54.4	8 400*	39.8	56.3	9 000*	43.2	57.7	9 400*	46.3	58.5	9 900*	48.0
50.0	15.7	40.0	6 600*	23.2	45.8	7 100*	26.7	48.3	7 400*	31.7	51.4	7 900*	35.9	53.8	8 400*	39.6	55.4	8 900*	43.0	56.5	9 300*	50.0
52.0				16.2	40.2	6 700*	20.9	43.7	6 900*	26.9	47.9	7 400*	31.7	50.8	7 900*	35.8	52.8	8 400*	39.4	54.2	8 800*	52.0
54.0							12.7	37.1	6 600*	21.1	43.4	7 000*	26.9	47.2	7 400*	31.6	49.8	7 900*	35.5	51.6	8 300*	54.0
56.0										13.1	36.9	6 600*	21.1	42.7	7 000*	26.7	46.2	7 400*	31.3	48.5	7 800*	56.0
58.0																20.9	41.7	7 000*	26.4	44.9	7 400*	58.0
60.0																12.8	35.1	6 700*	20.5	40.3	7 000*	60.0
62.0																			12.1	33.4	6 700*	62.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	74.6	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	9 000*				46.0
48.0	29.9	52.6	6 000*	34.3	55.8	6 600*	36.7	57.3	6 900*	40.3	59.4	7 400*	43.7	60.9	8 000*	46.7	62.0	8 500*				48.0
50.0	25.1	48.7	5 600*	30.1	52.6	6 100*	32.8	54.4	6 400*	36.8	56.9	7 000*	40.3	58.7	7 500*	43.6	60.0	7 900*				50.0
52.0	19.2	43.8	5 200*	25.4	48.8	5 700*	28.4	51.0	6 000*	32.9	54.0	6 500*	36.8	56.2	6 900*	40.2	57.7	7 400*	43.3	58.8	7 800*	52.0
54.0	10.6	36.3	4 700*	19.6	43.9	5 200*	23.4	46.9	5 500*	28.6	50.6	6 000*	32.9	53.3	6 500*	36.7	55.2	6 900*	40.0	56.5	7 400*	54.0
56.0				11.2	36.7	4 700*	16.9	41.5	5 000*	23.5	46.5	5 600*	28.6	49.9	6 100*	32.8	52.3	6 500*	36.4	54.0	6 900*	56.0
58.0										17.2	41.1	5 100*	23.6	45.9	5 600*	28.5	49.0	6 100*	32.5	51.1	6 500*	58.0
60.0													17.2	40.5	5 100*	23.4	44.9	5 500*	28.1	47.7	6 000*	60.0
62.0																17.0	39.4	5 100*	23.0	43.5	5 500*	62.0
64.0																5.8	29.5	4 600*	16.5	37.9	5 000*	64.0

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	60.4	48.4	43 900*b																			13.7
14.0	59.5	48.2	43 700*b																			14.0
16.0	53.0	46.9	40 600*b	60.7	48.2	45 400*b																16.0
18.0	46.0	45.2	34 300*	54.3	46.9	41 400*b	58.8	47.6	44 800*b													18.0
20.0	37.9	43.0	29 700*	47.4	45.3	35 300*	52.3	46.2	39 600*b	59.9	47.2	39 000b										20.0
22.0	28.0	39.9	26 000*	39.5	43.2	30 500*	45.2	44.5	33 700*	53.4	45.9	34 600b										22.0
24.0	12.5	34.5	21 900*	30.1	40.3	26 700*	37.0	42.2	29 300*	46.4	44.2	31 000	54.3	45.3	29 600							24.0
26.0							26.8	39.0	25 700*	38.4	42.0	28 000	47.4	43.7	26 800							26.0
28.0										28.7	39.0	25 500	39.6	41.6	24 400	48.1	42.9	23 300				28.0
30.0										13.9	33.9	23 100	30.2	38.7	22 400	40.3	40.8	21 300				30.0
32.0													16.6	34.1	20 600	31.1	38.1	19 600	40.7	39.8	18 700	32.0
34.0																18.3	33.7	18 100	31.6	37.1	17 300	34.0
36.0																			19.1	32.8	16 000	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	39 800*b	63.1	51.1	41 600*b													18.0
20.0	46.3	47.5	29 700*	53.7	49.2	35 300*	57.7	50.0	39 000*													20.0
22.0	39.4	45.3	26 100*	47.6	47.6	30 500*	51.9	48.6	33 800*	58.6	49.6	34 400b										22.0
24.0	31.3	42.5	23 100*	40.8	45.5	26 800*	45.7	46.8	29 300*	52.9	48.2	30 800										24.0
26.0	20.5	38.4	20 500*	33.0	42.9	23 700*	38.7	44.6	25 800*	46.7	46.5	27 900	53.7	47.6	26 600							26.0
28.0				23.0	39.1	21 100*	30.4	41.7	22 900*	39.9	44.4	25 400	47.6	46.0	24 200							28.0
30.0							19.1	37.3	20 400*	31.8	41.6	23 300	40.8	43.9	22 200	48.2	45.2	21 200				30.0
32.0										21.3	37.6	20 900*	33.0	41.3	20 500	41.5	43.2	19 500				32.0
34.0													23.0	37.5	18 900	33.8	40.6	18 000	41.8	42.1	17 100	34.0
36.0																24.1	37.0	16 700	34.2	39.6	15 900	36.0
38.0																5.8	29.5	15 500	24.6	36.0	14 800	38.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
12.2	70.8	55.8	37 700*																			12.2
14.0	66.7	55.1	35 600*																			14.0
16.0	62.1	54.1	34 100*	67.6	55.0	37 000*																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	33 000*	61.6	53.5	34 500*													20.0
22.0	46.6	49.8	26 400*	53.1	51.6	30 800*	56.8	52.3	32 700*													22.0
24.0	40.6	47.7	23 400*	47.7	49.9	27 100*	51.6	50.9	29 800*	57.6	51.9	30 800										24.0
26.0	33.7	45.1	20 900*	41.8	47.9	24 000*	46.1	49.1	26 100*	52.5	50.5	27 800										26.0
28.0	25.1	41.5	18 700*	35.1	45.4	21 400*	39.9	47.0	23 200*	47.0	48.8	25 300	53.2	50.0	24 200							28.0
30.0	12.0	35.6	16 600*	27.0	42.0	19 200*	32.9	44.2	20 800*	41.0	46.8	23 200	47.7	48.3	22 100							30.0
32.0				15.4	36.9	17 200*	24.1	40.6	18 600*	34.1	44.2	21 200	41.8	46.3	20 400	48.3	47.5	19 400				32.0
34.0										25.7	40.7	19 000*	35.1	43.8	18 800	42.4	45.5	17 900				34.0
36.0										13.1	35.0	17 000*	27.0	40.4	17 500	35.8	43.1	16 700	42.7	44.5	15 800	36.0
38.0													15.4	35.3	16 300	27.8	39.8	15 500	36.1	42.0	14 700	38.0
40.0																16.8	35.0	14 500	28.2	38.9	13 700	40.0
42.0																			17.5	34.1	12 900	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.	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	
12.2	72.8	59.0	35 200*																			12.2
14.0	69.2	58.3	33 800*																			14.0
16.0	65.1	57.5	31 700*																			16.0
18.0	60.9	56.5	29 900*	65.9	57.4	32 500*																18.0
20.0	56.5	55.3	28 100*	61.7	56.4	30 600*	64.7	56.9	31 900*													20.0
22.0	51.8	53.8	26 300*	57.3	55.3	28 900*	60.4	55.9	30 200*													22.0
24.0	46.9	52.1	23 400*	52.7	53.9	26 800*	56.0	54.6	28 600*													24.0
26.0	41.5	50.0	20 900*	47.9	52.2	23 900*	51.3	53.2	25 900*	56.7	54.3	27 600										26.0
28.0	35.4	47.5	18 800*	42.6	50.2	21 400*	46.4	51.4	23 100*	52.1	52.8	25 100										28.0
30.0	28.3	44.3	17 000*	36.7	47.8	19 200*	40.9	49.3	20 700*	47.2	51.1	23 100	52.8	52.3	22 000							30.0
32.0	18.9	39.7	15 400*	29.8	44.7	17 400*	34.8	46.7	18 700*	41.8	49.1	21 100	47.9	50.6	20 200							32.0
34.0				21.0	40.5	15 700*	27.5	43.4	16 900*	35.8	46.6	19 000*	42.6	48.6	18 700	48.3	49.8	17 700				34.0
36.0							17.7	38.6	15 300*	28.8	43.5	17 200*	36.7	46.2	17 300	43.1	47.9	16 500	37.3	45.5	15 300	36.0
38.0										19.6	39.0	15 600*	29.8	43.2	16 200	30.5	42.5	14 300	37.5	44.4	13 600	38.0
40.0													21.0	38.9	15 100	30.5	42.5	14 300	37.5	44.4	13 600	40.0
42.0																22.0	38.4	13 400	30.9	41.5	12 700	42.0
44.0																6.9	30.7	12 500	22.5	37.5	11 900	44.0

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
12.2	74.4	62.1	33 100*b																			12.2
14.0	71.1	61.6	32 100*b																			14.0
16.0	67.5	60.8	30 300*																			16.0
18.0	63.7	59.9	28 700*	68.2	60.7	31 000*																18.0
20.0	59.9	58.8	27 200*	64.5	59.9	29 400*	67.1	60.2	30 500*													20.0
22.0	55.8	57.6	25 600*	60.6	58.8	27 800*	63.4	59.3	28 900*													22.0
24.0	51.6	56.1	23 500*	56.6	57.6	26 300*	59.5	58.2	27 400*													24.0
26.0	47.1	54.4	20 900*	52.4	56.2	24 000*	55.4	57.0	26 000*	60.1	57.8	27 500										26.0
28.0	42.2	52.4	18 800*	48.0	54.5	21 400*	51.1	55.5	23 200*	56.1	56.6	25 200										28.0
30.0	36.8	50.0	17 100*	43.2	52.5	19 300*	46.6	53.7	20 800*	51.8	55.1	23 000										30.0
32.0	30.7	47.0	15 600*	37.9	50.2	17 400*	41.7	51.7	18 700*	47.4	53.4	21 200	52.4	54.6	20 200							32.0
34.0	23.1	43.0	14 200*	31.9	47.3	15 900*	36.3	49.2	17 000*	42.5	51.4	19 100*	48.0	52.9	18 700							34.0
36.0	11.7	36.6	12 500*	24.7	43.6	14 500*	30.0	46.1	15 400*	37.2	49.0	17 300*	43.2	50.9	17 400	48.4	52.1	16 500				36.0
38.0				14.6	38.0	13 200*	22.2	42.0	14 100*	31.1	46.1	15 700	37.9	48.6	16 200	43.6	50.2	15 300				38.0
40.0										23.6	42.2	14 400*	31.9	45.7	15 100	38.4	47.9	14 300	43.9	49.1	13 600	40.0
42.0										12.7	36.1	13 100*	24.7	42.0	14 200	32.6	45.1	13 400	38.7	46.8	12 700	42.0
44.0													14.6	36.4	13 300	25.5	41.5	12 600	32.9	44.1	11 900	44.0
46.0																15.8	36.2	11 800	25.9	40.5	11 200	46.0
48.0																			16.4	35.3	10 500	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.	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	
12.2	75.7	65.3	30 700*b																			12.2
14.0	72.8	64.8	29 700*b																			14.0
16.0	69.5	64.1	28 100*																			16.0
18.0	66.1	63.3	26 600*																			18.0
20.0	62.6	62.3	25 100*	66.7	63.2	27 100*																20.0
22.0	59.0	61.2	23 800*	63.3	62.3	25 700*	65.7	62.7	26 700*													22.0
24.0	55.3	59.9	22 500*	59.7	61.2	24 400*	62.2	61.7	25 300*													24.0
26.0	51.4	58.4	20 900*	56.0	59.9	23 100*	58.6	60.6	24 000*	62.8	61.3	25 300*										26.0
28.0	47.2	56.7	18 800*	52.1	58.5	21 500*	54.9	59.3	22 700*	59.2	60.2	24 200*										28.0
30.0	42.8	54.7	17 000*	48.0	56.8	19 200*	51.0	57.8	20 800*	55.5	58.9	22 800										30.0
32.0	38.0	52.4	15 500*	43.7	54.9	17 400*	46.8	56.0	18 600*	51.6	57.4	21 100										32.0
34.0	32.5	49.5	14 200*	38.9	52.6	15 800*	42.3	54.0	16 900*	47.5	55.7	19 000*	52.1	56.9	18 500							34.0
36.0	26.1	46.0	13 000*	33.6	49.9	14 500*	37.5	51.6	15 400*	43.1	53.8	17 200*	48.1	55.2	17 200							36.0
38.0	17.8	41.0	11 900*	27.5	46.5	13 300*	31.9	48.7	14 100*	38.3	51.4	15 700*	43.7	53.3	16 000	48.4	54.4	15 200				38.0
40.0				19.6	41.9	12 100*	25.4	45.1	12 900*	32.9	48.6	14 400*	38.9	51.0	15 000	44.1	52.5	14 100				40.0
42.0							16.7	39.9	11 900*	26.6	45.1	13 200*	33.6	48.3	14 000	39.4	50.3	13 200	44.3	51.4	12 500	42.0
44.0										18.4	40.3	12 100*	27.5	44.9	13 200	34.2	47.6	12 500	39.6	49.2	11 700	44.0
46.0													19.6	40.3	12 200*	28.1	44.3	11 700	34.4	46.6	11 000	46.0
48.0																20.5	39.8	11 000	28.4	43.3	10 400	48.0
50.0																7.5	31.8	10 300	20.9	38.9	9 800	50.0

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BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	14 700*										34.0
36.0	44.1	61.7	11 500*	48.2	63.7	12 400*	50.6	64.7	13 000*	54.2	65.9	13 900*										36.0
38.0	40.4	59.5	10 900*	44.8	61.8	11 700*	47.2	62.9	12 300*	51.1	64.4	13 100*	54.7	65.3	13 900*							38.0
40.0	36.3	56.9	10 300*	41.1	59.7	11 100*	43.7	61.0	11 600*	47.8	62.6	12 400*	51.5	63.8	13 200*							40.0
42.0	31.9	54.0	9 700*	37.1	57.2	10 500*	40.0	58.7	10 900*	44.3	60.7	11 700*	48.2	62.1	12 500*							42.0
44.0	26.7	50.4	9 200*	32.8	54.3	9 900*	35.9	56.2	10 300*	40.6	58.5	11 100*	44.8	60.2	11 800*	48.6	61.3	12 100				44.0
46.0	20.5	45.8	8 800*	27.8	50.9	9 400*	31.4	53.2	9 800*	36.6	56.0	10 500*	41.1	58.1	11 200*	45.1	59.4	11 400				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	10 000*	37.1	55.6	10 600*	41.5	57.3	10 700	45.3	58.4	10 000	48.0
50.0				13.5	40.3	8 200*	19.7	44.8	8 700*	27.1	49.6	9 400*	32.8	52.7	10 000*	37.5	54.9	10 100	41.6	56.3	9 500	50.0
52.0										20.9	45.1	8 900*	27.8	49.3	9 500*	33.2	52.1	9 500	37.7	53.8	8 900	52.0
54.0										12.0	38.3	8 200*	21.8	45.0	9 000*	28.3	48.7	9 000	33.4	51.0	8 400	54.0
56.0													13.5	38.7	8 300*	22.4	44.5	8 500	28.5	47.7	8 000	56.0
58.0																14.5	38.5	8 000	22.7	43.5	7 500	58.0
60.0																			15.0	37.7	7 100	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	11 800*							40.0
42.0	37.2	59.4	8 400*	41.6	62.0	9 200*	44.1	63.3	9 600*	47.9	64.9	10 400*	51.4	66.1	11 100*							42.0
44.0	33.1	56.5	7 900*	38.0	59.6	8 600*	40.6	61.1	9 000*	44.6	63.0	9 800*	48.3	64.4	10 400*							44.0
46.0	28.6	53.2	7 500*	34.0	56.8	8 100*	36.8	58.6	8 500*	41.2	60.9	9 200*	45.1	62.5	9 800*	48.6	63.6	10 400*				46.0
48.0	23.2	49.0	7 000*	29.5	53.6	7 600*	32.7	55.7	8 000*	37.5	58.4	8 600*	41.6	60.4	9 200*	45.4	61.7	9 800*				48.0
50.0	16.2	43.5	6 700*	24.3	49.7	7 200*	28.1	52.3	7 500*	33.4	55.6	8 100*	38.0	58.0	8 700*	42.0	59.6	9 300*	45.5	60.7	9 200	50.0
52.0				17.7	44.5	6 800*	22.6	48.1	7 100*	28.9	52.3	7 600*	34.0	55.2	8 200*	38.3	57.3	8 700*	42.1	58.6	8 700	52.0
54.0							15.3	42.2	6 700*	23.5	48.2	7 200*	29.5	52.0	7 700*	34.4	54.6	8 200*	38.5	56.2	8 200	54.0
56.0										16.7	42.8	6 800*	24.3	48.1	7 300*	29.9	51.4	7 800*	34.6	53.5	7 800	56.0
58.0													17.7	42.9	6 900*	24.8	47.5	7 300*	30.2	50.4	7 400	58.0
60.0																18.5	42.5	6 900*	25.1	46.6	7 000	60.0
62.0																8.3	34.0	6 500*	18.8	41.6	6 600	62.0
64.0																			9.0	33.5	6 200	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	74.7	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	10 700*							40.0
42.0	41.5	64.2	7 500*	45.3	66.4	8 200*	47.5	67.5	8 600*	50.9	69.0	9 400*	54.0	69.9	10 000*							42.0
44.0	38.0	61.7	7 000*	42.1	64.3	7 700*	44.4	65.6	8 100*	47.9	67.2	8 800*	51.2	68.4	9 400*							44.0
46.0	34.2	59.0	6 600*	38.7	62.0	7 200*	41.1	63.4	7 500*	44.9	65.3	8 200*	48.3	66.7	8 800*	51.5	67.6	9 400*				46.0
48.0	30.1	55.8	6 100*	35.0	59.3	6 700*	37.6	61.0	7 000*	41.7	63.2	7 700*	45.3	64.8	8 300*	48.6	65.9	8 800*				48.0
50.0	25.3	52.0	5 700*	30.9	56.2	6 200*	33.8	58.2	6 600*	38.2	60.8	7 200*	42.1	62.7	7 700*	45.6	64.0	8 300*				50.0
52.0	19.5	47.2	5 200*	26.3	52.6	5 800*	29.6	55.0	6 100*	34.5	58.1	6 700*	38.7	60.4	7 200*	42.4	62.0	7 700*	45.7	63.0	8 200*	52.0
54.0	11.2	39.9	4 800*	20.8	48.0	5 300*	24.8	51.1	5 700*	30.4	55.0	6 300*	35.0	57.7	6 700*	39.0	59.6	7 300*	42.6	60.9	7 700*	54.0
56.0				13.2	41.4	4 800*	18.8	46.1	5 200*	25.6	51.2	5 800*	30.9	54.6	6 300*	35.4	57.0	6 800*	39.2	58.6	7 300*	56.0
58.0										19.9	46.4	5 200*	26.3	51.0	5 800*	31.3	54.0	6 300*	35.5	56.0	6 800*	58.0
60.0										11.8	39.4	4 800*	20.8	46.4	5 300*	26.8	50.4	5 900*	31.5	53.0	6 400*	60.0
62.0													13.2	39.8	4 900*	21.3	45.9	5 400*	27.0	49.4	5 900*	62.0
64.0																14.1	39.6	4 900*	21.6	45.0	5 400*	64.0
66.0																			14.5	38.8	4 900*	66.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	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	45 800*b																16.0
18.0	46.4	48.3	34 600*	55.5	50.2	42 500*b	60.5	50.9	45 400*b													18.0
20.0	38.4	46.1	30 000*	48.7	48.7	36 300*	54.1	49.6	40 300b	62.3	50.6	38 400b										20.0
22.0	28.6	43.1	26 400*	41.1	46.7	31 300*	47.2	48.0	35 300*	56.0	49.4	34 000b										22.0
24.0	13.7	38.0	22 500*	32.1	44.0	27 400*	39.3	45.9	30 400*	49.3	47.9	30 500										24.0
26.0							29.8	43.0	26 700*	41.7	45.9	27 600	51.1	47.5	26 200							26.0
28.0										32.8	43.3	25 200	43.8	45.6	23 900							28.0
30.0										21.0	39.4	23 000	35.3	43.2	21 900	45.4	45.0	20 800				30.0
32.0													24.6	39.7	20 200	37.3	42.7	19 100	38.7	41.9	16 700	32.0
34.0																27.2	39.6	17 700	29.1	38.9	15 500	34.0
36.0																			14.7	33.9	14 400	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.	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	
12.2	68.5	55.6	43 000*b																			12.2
14.0	63.9	54.8	40 600*b																			14.0
16.0	58.5	53.7	38 800*b	65.6	54.8	42 600*b																16.0
18.0	52.8	52.3	34 800*	60.3	53.8	40 100*b	64.5	54.4	42 200*b													18.0
20.0	46.7	50.6	29 900*	54.7	52.5	36 400*	59.1	53.3	39 700*b													20.0
22.0	39.8	48.5	26 300*	48.7	51.0	31 300*	53.5	52.0	35 400*	60.7	53.0	33 900b										22.0
24.0	31.8	45.7	23 400*	42.1	49.0	27 400*	47.4	50.3	30 300*	55.2	51.7	30 400										24.0
26.0	21.2	41.7	21 100*	34.6	46.5	24 300*	40.6	48.2	26 700*	49.2	50.2	27 500	56.6	51.2	26 000							26.0
28.0				25.1	43.0	21 800*	32.8	45.5	23 700*	42.7	48.3	25 000	50.8	49.8	23 700							28.0
30.0							22.6	41.7	21 300*	35.2	45.8	22 900	44.5	47.9	21 700							30.0
32.0										26.0	42.4	21 100	37.3	45.6	20 000	45.9	47.3	18 900				32.0
34.0													28.6	42.5	18 500	38.9	45.1	17 500	32.2	41.5	14 200	34.0
36.0													16.3	37.7	17 200	30.7	42.2	16 200	21.8	37.6	13 300	36.0
38.0																19.6	38.0	15 100				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 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	71.0	58.8	37 600*b																			12.2
14.0	67.0	58.1	35 500*b																			14.0
16.0	62.4	57.2	34 100*b	68.4	58.1	37 300*b																16.0
18.0	57.5	56.0	32 100*	63.9	57.3	35 200*b																18.0
20.0	52.4	54.6	30 300*	59.1	56.2	33 300*	62.9	56.8	34 900*b													20.0
22.0	46.9	52.9	26 500*	54.1	54.9	31 200*	58.1	55.6	33 100*													22.0
24.0	40.9	50.9	23 600*	48.8	53.3	27 700*	53.0	54.3	30 600*	59.5	55.4	30 300										24.0
26.0	34.1	48.3	21 200*	42.9	51.3	24 500*	47.6	52.6	26 900*	54.5	54.1	27 400										26.0
28.0	25.7	44.8	19 200*	36.4	48.9	21 900*	41.6	50.6	23 900*	49.2	52.5	24 900	55.8	53.6	23 600							28.0
30.0	13.0	39.1	17 200*	28.6	45.8	19 800*	34.9	48.0	21 400*	43.4	50.6	22 900	50.6	52.1	21 600							30.0
32.0				18.1	41.1	18 000*	26.7	44.7	19 400*	36.9	48.2	21 100	45.0	50.3	19 900							32.0
34.0										29.3	45.1	19 500	38.7	48.0	18 400	46.2	49.6	17 400				34.0
36.0										19.1	40.7	18 100	31.4	45.2	17 100	40.1	47.5	16 200				36.0
38.0													22.2	41.2	15 900	33.1	44.8	15 100	41.2	46.6	14 200	38.0
40.0																24.4	41.1	14 100	34.4	44.0	13 200	40.0
42.0																			26.1	40.6	12 400	42.0
44.0																			13.8	35.0	11 600	44.0

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
12.2	73.0	62.0	35 100*b																			12.2
14.0	69.4	61.4	33 800*b																			14.0
16.0	65.3	60.6	31 700*																			16.0
18.0	61.1	59.6	29 900*	66.6	60.6	32 700*																18.0
20.0	56.7	58.4	28 100*	62.5	59.7	30 900*	65.8	60.2	32 300*													20.0
22.0	52.1	56.9	26 300*	58.2	58.5	29 100*	61.6	59.2	30 600*													22.0
24.0	47.2	55.2	23 500*	53.6	57.2	27 300*	57.2	58.0	29 000*													24.0
26.0	41.8	53.2	21 100*	48.8	55.6	24 400*	52.6	56.6	26 800*	58.5	57.7	27 200										26.0
28.0	35.8	50.7	19 000*	43.6	53.6	21 800*	47.7	54.9	23 800*	54.0	56.4	24 700										28.0
30.0	28.7	47.5	17 300*	37.8	51.3	19 600*	42.4	52.9	21 300*	49.2	54.8	22 700	55.2	55.9	21 400							30.0
32.0	19.5	43.1	15 900*	31.2	48.4	17 900*	36.5	50.5	19 300*	44.0	52.9	20 900	50.5	54.4	19 700							32.0
34.0				22.9	44.5	16 300*	29.6	47.4	17 500*	38.3	50.6	19 400	45.4	52.6	18 300	51.5	53.6	17 200				34.0
36.0							20.7	43.1	16 000*	31.7	47.8	17 900	39.8	50.4	16 900	46.5	51.9	16 000				36.0
38.0										23.6	43.9	16 500*	33.5	47.7	15 800	41.1	49.8	14 900				38.0
40.0													26.0	44.2	14 800	35.0	47.3	13 900	42.0	48.9	13 000	40.0
42.0													15.2	38.9	13 800	27.8	44.0	13 000	36.1	46.5	12 200	42.0
44.0																18.1	39.3	12 200	29.1	43.3	11 400	44.0
46.0																			20.0	38.9	10 700	46.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
12.2	74.6	65.2	32 900*																			12.2
14.0	71.3	64.7	32 000*																			14.0
16.0	67.7	63.9	30 300*																			16.0
18.0	63.9	63.0	28 700*																			18.0
20.0	60.1	62.0	27 200*	65.2	63.1	29 600*																20.0
22.0	56.0	60.7	25 700*	61.3	62.0	28 000*	64.4	62.6	29 200*													22.0
24.0	51.8	59.3	24 000*	57.4	60.9	26 500*	60.5	61.5	27 700*													24.0
26.0	47.3	57.5	21 500*	53.2	59.5	25 000*	56.5	60.3	26 300*	61.6	61.2	27 100										26.0
28.0	42.5	55.5	19 400*	48.8	57.9	22 300*	52.3	58.9	24 500*	57.7	60.1	24 700										28.0
30.0	37.1	53.1	17 600*	44.1	56.0	20 100*	47.8	57.2	21 800*	53.5	58.7	22 700										30.0
32.0	31.0	50.2	16 000*	38.9	53.7	18 200*	43.0	55.2	19 700*	49.2	57.1	20 900	54.6	58.2	19 700							32.0
34.0	23.6	46.3	14 600*	33.1	50.9	16 500*	37.8	52.9	17 800*	44.5	55.2	19 300	50.3	56.7	18 300							34.0
36.0	12.6	40.2	13 000*	26.2	47.4	15 100*	31.8	50.0	16 200*	39.4	53.0	18 000	45.7	54.9	16 900							36.0
38.0				16.9	42.4	13 800*	24.5	46.3	14 800*	33.6	50.3	16 700	40.7	52.7	15 800	46.7	54.2	14 800				38.0
40.0										26.8	46.8	15 200*	35.2	50.2	14 800	41.9	52.2	13 900				40.0
42.0										17.8	42.0	14 000*	28.7	47.0	13 900	36.4	49.7	13 000	42.7	51.2	12 200	42.0
44.0													20.5	42.6	13 000	30.2	46.7	12 200	37.4	48.9	11 400	44.0
46.0																22.5	42.6	11 500	31.3	45.9	10 700	46.0
48.0																			23.9	42.1	10 100	48.0
50.0																			13.2	36.2	9 500	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.9	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	17 200*										32.0
34.0	43.9	62.5	13 400*	48.8	64.8	14 600*	51.6	65.8	15 300*	55.9	67.1	16 400*										34.0
36.0	39.9	60.3	12 700*	45.2	62.9	13 800*	48.1	64.1	14 500*	52.6	65.6	15 500*										36.0
38.0	35.5	57.7	12 100*	41.3	60.8	13 100*	44.4	62.2	13 700*	49.1	64.0	14 700*	53.5	65.2	15 300							38.0
40.0	30.6	54.6	11 400*	37.0	58.3	12 400*	40.4	60.0	13 000*	45.5	62.1	14 000*	50.0	63.6	14 300							40.0
42.0	24.8	50.8	10 500*	32.3	55.4	11 700*	36.0	57.5	12 400*	41.6	60.0	13 300*	46.4	61.8	13 400	50.8	62.9	12 500				42.0
44.0	17.4	45.6	9 700*	26.8	51.9	10 800*	31.2	54.4	11 600*	37.3	57.6	12 600*	42.6	59.8	12 500	47.2	61.1	11 700				44.0
46.0				20.1	47.3	10 000*	25.5	50.7	10 700*	32.7	54.8	11 900*	38.5	57.4	11 800	43.5	59.1	11 000				46.0
48.0							18.3	45.8	9 900*	27.3	51.3	11 000*	33.9	54.7	11 100	39.4	56.9	10 300	44.1	58.2	9 600	48.0
50.0										20.7	46.8	10 100*	28.8	51.4	10 500	35.0	54.2	9 700	40.1	56.0	9 100	50.0
52.0													22.6	47.2	9 900	30.0	51.1	9 200	35.7	53.4	8 500	52.0
54.0													14.0	41.2	9 300	24.0	47.2	8 700	30.8	50.4	8 000	54.0
56.0																16.2	41.7	8 200	25.1	46.6	7 600	56.0
58.0																			17.7	41.5	7 200	58.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB 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	
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	15 000*										34.0
36.0	44.3	64.8	11 500*	48.9	67.1	12 600*	51.4	68.1	13 200*	55.5	69.4	14 200*										36.0
38.0	40.6	62.6	10 900*	45.4	65.2	11 900*	48.1	66.4	12 500*	52.4	67.9	13 400*										38.0
40.0	36.6	60.1	10 300*	41.8	63.1	11 200*	44.7	64.5	11 800*	49.1	66.3	12 700*	53.2	67.5	13 500*							40.0
42.0	32.1	57.2	9 700*	37.9	60.7	10 600*	41.0	62.3	11 100*	45.7	64.5	12 000*	50.0	65.9	12 800*							42.0
44.0	27.0	53.7	9 200*	33.6	57.9	10 000*	37.0	59.9	10 500*	42.1	62.4	11 400*	46.6	64.1	12 200*	50.7	65.2	11 600				44.0
46.0	20.8	49.2	8 800*	28.8	54.6	9 500*	32.6	57.0	9 900*	38.2	60.0	10 800*	43.1	62.1	11 500*	47.4	63.4	10 900				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	10 200*	39.2	59.8	10 900*	43.8	61.5	10 300				48.0
50.0				15.4	44.8	8 600*	21.6	49.2	9 000*	29.2	54.0	9 600*	35.1	57.2	10 300*	40.1	59.2	9 700	44.4	60.5	9 000	50.0
52.0										23.5	50.0	9 200*	30.5	54.0	9 800*	36.0	56.7	9 200	40.7	58.4	8 500	52.0
54.0										16.1	44.4	8 700*	25.1	50.3	9 300	31.5	53.7	8 700	36.7	55.9	8 000	54.0
56.0													18.3	45.2	8 800	26.3	50.1	8 200	32.3	52.9	7 600	56.0
58.0																20.0	45.4	7 700	27.3	49.5	7 100	58.0
60.0																			21.1	45.0	6 700	60.0
62.0																			12.5	38.4	6 400	62.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	12 100*										38.0
40.0	41.1	65.0	9 000*	45.7	67.5	9 900*	48.2	68.7	10 400*	52.1	70.2	11 300*	55.8	71.2	12 100*							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	10 600*	52.9	69.8	11 400*							42.0
44.0	33.4	59.7	8 000*	38.7	63.1	8 700*	41.5	64.7	9 200*	45.9	66.8	10 000*	49.9	68.2	10 800*							44.0
46.0	28.8	56.4	7 500*	34.7	60.4	8 200*	37.9	62.3	8 700*	42.6	64.7	9 400*	46.8	66.4	10 200*	50.6	67.5	10 700				46.0
48.0	23.5	52.3	7 000*	30.4	57.3	7 700*	33.8	59.5	8 100*	39.0	62.4	8 900*	43.4	64.4	9 600*	47.5	65.7	10 100				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	8 300*	39.9	62.2	9 000*	44.2	63.8	9 500				50.0
52.0				19.1	48.6	6 900*	24.1	52.3	7 200*	30.7	56.6	7 800*	36.1	59.6	8 500*	40.7	61.6	9 000	44.7	62.8	8 300	52.0
54.0							17.5	47.0	6 800*	25.8	52.9	7 400*	31.9	56.6	8 000*	37.0	59.1	8 500	41.3	60.7	7 800	54.0
56.0										19.7	48.1	6 900*	27.1	53.1	7 500*	32.8	56.2	8 000	37.6	58.3	7 400	56.0
58.0													21.4	48.7	7 100*	28.2	52.9	7 600	33.6	55.5	7 000	58.0
60.0													13.6	42.3	6 700*	22.8	48.7	7 200	29.0	52.2	6 600	60.0
62.0																15.6	42.9	6 800	23.7	48.1	6 200	62.0
64.0																			17.0	42.8	5 900	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM 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	74.9	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	10 400*							42.0
44.0	38.2	64.9	7 000*	42.7	67.8	7 800*	45.2	69.1	8 300*	49.1	70.9	9 000*	52.7	72.1	9 700*							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	9 100*							46.0
48.0	30.3	59.1	6 100*	35.7	62.9	6 800*	38.6	64.7	7 200*	43.0	67.0	7 900*	46.9	68.7	8 600*	50.5	69.8	9 200*				48.0
50.0	25.6	55.3	5 700*	31.7	59.9	6 300*	34.9	62.0	6 700*	39.6	64.8	7 400*	43.8	66.7	8 000*	47.5	68.0	8 600*				50.0
52.0	19.9	50.5	5 200*	27.2	56.3	5 900*	30.8	58.9	6 300*	36.0	62.2	6 900*	40.5	64.5	7 500*	44.5	66.1	8 100*				52.0
54.0	11.8	43.5	4 800*	21.9	51.9	5 400*	26.2	55.2	5 800*	32.0	59.2	6 400*	37.0	62.0	7 000*	41.2	63.9	7 600*	45.0	65.1	7 700	54.0
56.0				14.9	45.9	4 900*	20.6	50.6	5 300*	27.6	55.7	6 000*	33.1	59.2	6 600*	37.7	61.5	7 100*	41.8	63.0	7 200	56.0
58.0										22.3	51.4	5 500*	28.8	55.8	6 100*	34.0	58.7	6 600*	38.3	60.7	6 800	58.0
60.0										15.5	45.6	5 000*	23.8	51.8	5 600*	29.8	55.5	6 200*	34.6	58.0	6 500	60.0
62.0													17.5	46.5	5 100*	25.0	51.7	5 700*	30.5	54.8	6 100	62.0
64.0													7.2	37.4	4 700*	19.1	46.7	5 200*	25.8	51.1	5 800	64.0
66.0																			20.2	46.4	5 300*	66.0
68.0																			12.2	39.5	4 900*	68.0

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	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*	56.7	53.5	43 600*b																18.0
20.0	38.8	49.3	30 200*	50.0	52.0	37 400*b	55.8	53.0	40 000b													20.0
22.0	29.2	46.4	26 600*	42.6	50.1	32 100*	49.1	51.5	35 500b	58.5	52.9	33 600b										22.0
24.0	14.9	41.4	23 200*	33.9	47.6	28 100*	41.5	49.5	31 500	52.0	51.5	30 100										24.0
26.0				22.5	43.8	24 900*	32.6	46.8	27 600*	44.8	49.7	27 200	54.6	51.1	25 600b							26.0
28.0							20.5	42.8	24 500*	36.6	47.4	24 800	47.7	49.5	23 300							28.0
30.0										26.2	44.1	22 700	39.9	47.4	21 400							30.0
32.0										7.9	37.6	20 900	30.6	44.6	19 700	42.7	47.0	18 500				32.0
34.0																34.0	44.5	17 100	44.9	46.2	16 000	34.0
36.0																22.7	40.8	15 800	36.6	43.9	14 900	36.0
38.0																			26.4	40.6	13 800	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.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	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*	61.3	57.0	38 900*b																18.0
20.0	47.0	53.8	30 400*	55.8	55.8	36 500*	60.6	56.6	38 700b													20.0
22.0	40.2	51.7	26 700*	49.9	54.3	32 700*	55.0	55.3	35 500													22.0
24.0	32.3	49.0	23 800*	43.4	52.4	28 300*	49.1	53.8	31 700	57.4	55.2	29 900										24.0
26.0	21.9	45.0	21 300*	36.1	50.0	25 100*	42.5	51.8	27 900*	51.6	53.8	27 000										26.0
28.0				27.1	46.8	22 400*	35.0	49.3	24 700*	45.4	52.0	24 600	53.9	53.4	23 100							28.0
30.0				13.5	41.4	20 100*	25.7	45.9	22 100*	38.3	49.8	22 600	47.8	51.8	21 200							30.0
32.0							10.5	39.8	20 000*	29.9	46.8	20 800	41.1	49.8	19 500							32.0
34.0										18.4	42.4	19 200	33.4	47.1	18 100	43.5	49.3	16 900				34.0
36.0													23.5	43.4	16 800	36.2	46.9	15 700				36.0
38.0																27.2	43.7	14 600				38.0
40.0																			38.4	46.3	13 600	40.0
42.0																			30.0	43.3	12 700	42.0
																			18.5	38.9	11 900	

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
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888 SERIES 2

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

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*																			18.0
20.0	52.7	57.8	30 400*	64.7	60.5	35 400*b																20.0
				60.0	59.4	33 600*																
22.0	47.3	56.1	26 700*				64.1	60.0	35 300*b													
24.0	41.3	54.0	23 800*	55.1	58.1	31 600*	59.4	59.0	33 500*													22.0
26.0	34.5	51.5	21 300*	49.8	56.6	28 500*	54.4	57.7	31 500													24.0
28.0	26.2	48.0	19 300*	44.1	54.7	25 000*	49.1	56.1	27 800*	56.5	57.5	26 900										26.0
30.0	14.0	42.6	17 500*	43.3	54.2	24 600*	43.3	54.2	24 600*	51.3	56.1	24 500										28.0
				37.7	52.4	22 400*	36.8	51.8	22 100*	45.8	54.3	22 500	53.4	55.7	21 100							30.0
				30.2	49.5	20 200*																
32.0				20.4	45.2	18 300*	29.1	48.7	19 900*	39.6	52.2	20 700	48.0	54.1	19 400							32.0
34.0							18.7	44.2	18 100*	32.5	49.4	19 100	42.1	52.1	18 000	49.9	53.5	16 800				34.0
36.0										23.6	45.7	17 800	35.4	49.6	16 700	44.1	51.7	15 600				36.0
38.0										8.4	38.7	16 500	27.4	46.3	15 600	37.8	49.4	14 500				38.0
40.0																30.3	46.4	13 600	39.7	48.7	12 600	40.0
42.0																20.6	42.2	12 700	32.6	45.9	11 800	42.0
44.0																			23.7	42.2	11 000	44.0

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	70.2	64.6	34 000*b																			13.7
14.0	69.6	64.5	33 700*b																			14.0
16.0	65.5	63.7	31 700*b																			16.0
18.0	61.3	62.7	29 900*	67.4	63.8	33 000*b																18.0
20.0	57.0	61.5	28 200*	63.3	62.9	31 100*	66.9	63.4	32 700*b													20.0
22.0	52.3	60.1	26 400*	59.0	61.8	29 400*	62.7	62.4	31 000*													22.0
24.0	47.4	58.4	23 700*	54.5	60.5	27 800*	58.4	61.3	29 300*													24.0
26.0	42.1	56.4	21 200*	49.7	58.9	24 900*	53.9	60.0	27 800*	60.2	61.1	26 700										26.0
28.0	36.1	53.9	19 100*	44.6	57.0	22 200*	49.0	58.4	24 500*	55.8	59.9	24 300										28.0
30.0	29.1	50.8	17 400*	38.9	54.8	20 000*	43.9	56.5	21 900*	51.1	58.4	22 300										30.0
32.0	20.1	46.4	16 000*	32.5	52.0	18 200*	38.1	54.2	19 800*	46.1	56.6	20 500	53.0	58.1	19 200							32.0
34.0				24.6	48.4	16 600*	31.5	51.3	18 000*	40.6	54.5	19 000	48.1	56.4	17 800							34.0
36.0				12.9	42.5	15 200*	23.4	47.5	16 400*	34.4	51.9	17 700	42.8	54.4	16 500	49.8	55.8	15 400				36.0
38.0							10.4	40.9	15 000*	27.1	48.5	16 500	36.9	52.0	15 400	44.6	54.0	14 300				38.0
40.0										17.1	43.6	15 300	30.1	49.0	14 400	39.0	51.7	13 400	46.1	53.1	12 400	40.0
42.0													21.5	44.9	13 400	32.6	49.0	12 500	40.7	51.0	11 600	42.0
44.0																24.7	45.3	11 700	34.5	48.4	10 900	44.0
46.0																			27.2	45.1	10 200	46.0
48.0																			17.2	40.2	9 600	48.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.1	67.8	32 000*																			13.7
14.0	71.5	67.7	31 800*																			14.0
16.0	67.9	67.0	30 100*																			16.0
18.0	64.1	66.1	28 600*																			18.0
20.0	60.3	65.1	27 200*	65.9	66.3	29 700*																20.0
22.0	56.3	63.8	25 800*	62.1	65.3	28 200*	65.4	65.8	29 500*													22.0
24.0	52.0	62.4	24 100*	58.1	64.1	26 800*	61.5	64.8	28 100*													24.0
26.0	47.6	60.7	21 700*	54.0	62.8	25 400*	57.6	63.7	26 700*													26.0
28.0	42.7	58.7	19 600*	49.6	61.2	22 800*	53.4	62.3	25 100*	59.3	63.5	24 300										28.0
30.0	37.4	56.3	17 800*	45.0	59.4	20 500*	49.0	60.7	22 500*	55.2	62.2	22 300										30.0
32.0	31.4	53.4	16 100*	39.9	57.2	18 600*	44.3	58.8	20 300*	50.9	60.7	20 500										32.0
34.0	24.0	49.6	14 700*	34.3	54.5	16 900*	39.2	56.6	18 400*	46.4	58.9	19 000	52.6	60.4	17 800							34.0
36.0	13.4	43.7	13 300*	27.6	51.2	15 400*	33.4	53.8	16 700*	41.4	56.9	17 700	48.2	58.7	16 500							36.0
38.0				19.0	46.5	14 100*	26.6	50.4	15 300*	36.0	54.4	16 500	43.4	56.8	15 400	49.7	58.1	14 300				38.0
40.0							17.5	45.4	13 900*	29.7	51.3	15 400	38.2	54.4	14 400	45.1	56.3	13 300				40.0
42.0										21.8	47.1	14 400	32.2	51.6	13 500	40.0	54.1	12 500				42.0
44.0										8.8	39.8	13 200*	25.1	47.9	12 600	34.3	51.5	11 700	41.5	53.4	10 900	44.0
46.0																27.7	48.1	11 000	36.0	50.9	10 200	46.0
48.0																19.1	43.5	10 400	29.7	47.8	9 600	48.0
50.0																			21.9	43.6	9 100	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.9	74.2	24 800*																			13.7
14.0	74.5	74.1	24 700*																			14.0
16.0	71.4	73.5	23 900*																			16.0
18.0	68.3	72.8	22 600*																			18.0
20.0	65.2	71.9	21 400*	69.8	72.8	23 200*																20.0
22.0	62.0	70.9	20 300*	66.6	72.0	22 100*																22.0
24.0	58.6	69.8	19 300*	63.5	71.1	21 000*	66.2	71.6	21 900*													24.0
26.0	55.2	68.5	18 300*	60.2	70.0	20 000*	63.0	70.7	20 900*													26.0
28.0	51.6	67.0	17 400*	56.8	68.8	19 000*	59.7	69.6	19 900*													28.0
30.0	47.8	65.3	16 500*	53.2	67.4	18 000*	56.3	68.3	18 900*	61.1	69.4	20 100*										30.0
32.0	43.8	63.3	15 700*	49.5	65.8	17 100*	52.8	66.9	18 000*	57.8	68.2	19 200*										32.0
34.0	39.4	61.1	14 900*	45.6	64.0	16 300*	49.0	65.3	17 100*	54.3	66.8	18 300*										34.0
36.0	34.6	58.4	13 600*	41.4	61.9	15 400*	45.1	63.4	16 300*	50.6	65.3	17 400	55.6	66.4	16 200							36.0
38.0	29.1	55.2	12 500*	36.8	59.4	14 200*	40.8	61.3	15 300*	46.8	63.5	16 200	52.1	65.0	15 100							38.0
40.0	22.5	51.1	11 600*	31.7	56.5	13 100*	36.2	58.8	14 100*	42.7	61.5	15 100	48.3	63.3	14 100							40.0
42.0	12.9	44.8	10 500*	25.7	52.8	12 000*	31.0	55.7	12 900*	38.2	59.2	14 200	44.3	61.4	13 100	49.6	62.7	12 200				42.0
44.0				17.9	47.8	11 100*	24.8	52.0	11 900*	33.3	56.4	13 300	40.0	59.2	12 400	45.7	60.9	11 400				44.0
46.0							16.6	46.7	11 000*	27.5	53.0	12 400*	35.2	56.6	11 600	41.5	58.8	10 700	46.8	60.0	9 900	46.0
48.0										20.4	48.5	11 400*	29.9	53.5	11 000	36.9	56.3	10 100	42.7	58.0	9 300	48.0
50.0										9.0	40.9	10 400*	23.4	49.5	10 300	31.8	53.4	9 500	38.2	55.7	8 700	50.0
52.0																25.8	49.8	9 000	33.3	52.9	8 300	52.0
54.0																18.0	44.8	8 400	27.6	49.5	7 800	54.0
56.0																			20.5	45.0	7 300	56.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	15 300*										34.0
36.0	44.5	68.0	11 600*	49.5	70.4	12 700*	52.3	71.5	13 400*	56.6	72.9	14 500*										36.0
38.0	40.8	65.8	11 000*	46.1	68.6	12 000*	49.0	69.9	12 700*	53.6	71.5	13 700*										38.0
40.0	36.8	63.3	10 400*	42.5	66.5	11 400*	45.6	68.0	12 000*	50.4	69.9	13 000*	54.8	71.1	13 800							40.0
42.0	32.4	60.4	9 800*	38.6	64.2	10 700*	42.0	65.9	11 300*	47.1	68.1	12 300*	51.7	69.6	12 900							42.0
44.0	27.3	56.9	9 300*	34.4	61.5	10 200*	38.1	63.6	10 700*	43.6	66.2	11 600*	48.4	67.9	12 100							44.0
46.0	21.2	52.5	8 800*	29.7	58.3	9 600*	33.8	60.8	10 100*	39.8	63.9	11 000*	44.9	66.0	11 400	49.5	67.3	10 500				46.0
48.0	12.6	45.9	8 400*	24.2	54.4	9 200*	29.0	57.5	9 600*	35.7	61.3	10 400*	41.3	63.9	10 700	46.1	65.5	9 800				48.0
50.0				17.1	49.1	8 700*	23.3	53.5	9 100*	31.1	58.3	9 900*	37.3	61.4	10 100	42.5	63.5	9 300				50.0
52.0							15.9	47.9	8 700*	25.9	54.6	9 400*	33.0	58.6	9 600	38.7	61.1	8 700	43.6	62.7	8 000	52.0
54.0										19.4	49.8	8 900*	28.0	55.2	9 000	34.5	58.4	8 300	39.8	60.4	7 500	54.0
56.0										9.2	42.0	8 400*	22.1	50.9	8 500	29.8	55.3	7 800	35.7	57.8	7 100	56.0
58.0																24.3	51.3	7 400	31.2	54.8	6 700	58.0
60.0																17.2	46.0	7 000	25.9	51.1	6 300	60.0
62.0																			19.4	46.4	6 000	62.0
64.0																			9.3	38.5	5 700	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	13 800*										34.0
36.0	48.0	72.2	10 300*	52.5	74.3	11 400*	55.0	75.3	12 100*	59.0	76.5	13 000*										36.0
38.0	44.8	70.3	9 600*	49.4	72.7	10 700*	52.1	73.8	11 300*	56.2	75.2	12 300*										38.0
40.0	41.3	68.1	9 100*	46.3	70.9	10 000*	49.0	72.2	10 700*	53.3	73.8	11 600*	57.3	74.8	12 400*							40.0
42.0	37.6	65.7	8 500*	42.9	68.9	9 400*	45.8	70.3	10 000*	50.3	72.2	10 900*	54.4	73.4	11 800*							42.0
44.0	33.6	62.9	8 000*	39.4	66.6	8 900*	42.5	68.3	9 400*	47.2	70.4	10 300*	51.5	71.9	11 100*							44.0
46.0	29.1	59.6	7 500*	35.5	64.0	8 300*	38.9	66.0	8 800*	43.9	68.5	9 700*	48.4	70.2	10 500*	52.5	71.2	10 300				46.0
48.0	23.8	55.6	7 100*	31.2	60.9	7 800*	34.9	63.3	8 300*	40.4	66.3	9 100*	45.2	68.3	9 900*	49.5	69.6	9 700				48.0
50.0	17.1	50.3	6 700*	26.3	57.3	7 400*	30.6	60.2	7 800*	36.6	63.8	8 600*	41.8	66.2	9 300*	46.3	67.8	9 100				50.0
52.0				20.4	52.7	6 900*	25.6	56.4	7 300*	32.5	60.9	8 000*	38.1	63.8	8 800*	43.0	65.8	8 600	47.2	67.0	7 800	52.0
54.0				12.0	45.8	6 600*	19.5	51.6	6 900*	27.8	57.4	7 600*	34.1	61.1	8 300*	39.4	63.5	8 100	43.9	65.0	7 300	54.0
56.0							10.3	44.1	6 600*	22.3	53.1	7 200*	29.7	57.9	7 700*	35.5	60.9	7 600	40.4	62.8	6 900	56.0
58.0										14.9	47.2	6 800*	24.5	54.0	7 300*	31.3	57.9	7 200	36.7	60.3	6 500	58.0
60.0													18.1	48.9	6 900*	26.4	54.2	6 800	32.5	57.4	6 200	60.0
62.0																20.5	49.6	6 500	27.9	53.9	5 800	62.0
64.0																12.1	42.8	6 100	22.3	49.7	5 500	64.0
66.0																			14.9	43.7	5 200	66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.0	86.0	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	10 700*							42.0
44.0	38.4	68.1	7 100*	43.3	71.2	7 900*	46.0	72.6	8 400*	50.2	74.5	9 300*	54.1	75.7	10 000*							44.0
46.0	34.7	65.4	6 600*	40.0	68.9	7 400*	42.9	70.6	7 900*	47.3	72.8	8 700*	51.3	74.2	9 400*							46.0
48.0	30.6	62.3	6 200*	36.4	66.4	6 900*	39.5	68.3	7 300*	44.2	70.8	8 100*	48.5	72.5	8 900*							48.0
50.0	25.9	58.6	5 800*	32.5	63.5	6 400*	35.9	65.7	6 900*	40.9	68.6	7 600*	45.4	70.6	8 300*	49.5	71.9	9 000				50.0
52.0	20.2	53.9	5 300*	28.1	60.1	6 000*	31.9	62.8	6 400*	37.5	66.2	7 100*	42.2	68.6	7 800*	46.5	70.1	8 400				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	7 300*	43.3	68.1	7 900				54.0
56.0				16.4	50.3	5 000*	22.2	54.0	5 500*	29.4	60.1	6 200*	35.2	63.6	6 800*	40.0	65.9	7 400*	44.2	67.3	6 800	56.0
58.0							15.3	49.0	5 000*	24.5	56.2	5 700*	31.1	60.5	6 400*	36.4	63.3	7 000*	41.0	65.1	6 400	58.0
60.0										18.5	51.1	5 200*	26.5	56.9	5 900*	32.5	60.4	6 500*	37.5	62.7	6 000	60.0
62.0										9.3	43.0	4 800*	21.0	52.3	5 400*	28.2	57.0	6 100*	33.7	59.9	5 700	62.0
64.0													13.6	45.9	4 900*	23.0	52.8	5 600*	29.5	56.6	5 300	64.0
66.0																16.5	47.3	5 100*	24.6	52.7	5 100	66.0
68.0																			18.6	47.7	4 800	68.0
70.0																			9.4	39.6	4 500	70.0

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB 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*	57.9	56.8	43 900*b																18.0
20.0	39.3	52.5	30 400*	51.3	55.3	38 600*b	57.5	56.4	39 600b													20.0
22.0	29.8	49.6	26 700*	44.0	53.5	33 000*	50.9	54.9	35 100b	61.0	56.3	33 000b										22.0
24.0	16.0	44.9	23 800*	35.6	51.1	28 800*	43.6	53.1	31 500	54.6	55.0	29 500b										24.0
26.0				25.0	47.7	25 400*	35.1	50.6	28 500	47.7	53.4	26 700										26.0
28.0							24.3	47.1	25 300*	40.0	51.3	24 400	51.4	53.3	22 800b							28.0
30.0										30.7	48.5	22 300	44.1	51.4	20 900							30.0
32.0										17.5	44.0	20 500	35.7	49.1	19 200	47.6	51.1	17 900				32.0
34.0													25.1	45.6	17 800	39.8	49.0	16 500				34.0
36.0																30.4	46.1	15 300	43.0	48.4	14 200	36.0
38.0																17.1	41.6	14 200	34.5	45.9	13 200	38.0
40.0																			23.3	42.2	12 300	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*	62.3	60.3	39 200*b																18.0
20.0	47.4	56.9	30 700*	56.8	59.1	37 000*b	62.0	59.9	39 100b													20.0
22.0	40.6	54.9	26 900*	51.0	57.6	33 700*	56.5	58.7	35 000b													22.0
24.0	32.7	52.2	23 900*	44.7	55.8	29 000*	50.7	57.2	31 400	59.6	58.6	29 400b										24.0
26.0	22.6	48.4	21 500*	37.5	53.5	25 600*	44.3	55.4	28 400	54.0	57.3	26 500										26.0
28.0				28.9	50.5	22 900*	37.1	53.1	25 500*	47.9	55.7	24 200										28.0
30.0				16.8	45.7	20 600*	28.4	50.0	22 700*	41.2	53.7	22 200	51.1	55.6	20 700							30.0
32.0							15.9	45.0	20 500*	33.4	51.0	20 400	44.7	53.8	19 000							32.0
34.0										23.6	47.4	18 900	37.6	51.5	17 600	47.7	53.4	16 300				34.0
36.0													29.0	48.4	16 300	41.0	51.3	15 100				36.0
38.0													17.0	43.7	15 200	33.2	48.7	14 100				38.0
40.0																23.3	45.0	13 200				40.0
42.0																			36.5	48.3	12 100	42.0
44.0																			27.7	45.1	11 300	44.0
																			14.6	39.9	10 600	

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	68.1	64.4	36 200*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	33 800*	65.3	63.3	35 600*b													20.0
22.0	47.6	59.2	27 000*	56.0	61.4	32 100*	60.6	62.3	33 800*b													22.0
24.0	41.6	57.2	23 900*	50.8	59.9	29 300*	55.7	61.0	31 400													24.0
26.0	34.8	54.7	21 400*	45.2	58.1	25 600*	50.5	59.5	28 300	58.5	61.0	26 400										26.0
28.0	26.7	51.3	19 400*	38.9	55.9	22 800*	44.8	57.7	25 500*	53.4	59.6	24 100										28.0
30.0	14.9	46.0	17 600*	31.7	53.1	20 500*	38.6	55.5	22 700*	48.0	58.0	22 100										30.0
32.0				22.5	49.2	18 600*	31.3	52.6	20 500*	42.1	56.0	20 300	50.8	57.9	18 900							32.0
34.0							21.9	48.6	18 500*	35.4	53.5	18 800	45.2	56.1	17 500							34.0
36.0										27.4	50.3	17 500	39.0	53.9	16 200	47.9	55.7	15 000				36.0
38.0										16.2	45.3	16 300	31.8	51.0	15 100	42.0	53.7	14 000				38.0
40.0													22.6	47.1	14 100	35.3	51.2	13 100	44.4	53.0	12 000	40.0
42.0																27.2	47.9	12 200	38.1	50.7	11 200	42.0
44.0																15.8	42.8	11 400	30.7	47.8	10 500	44.0
46.0																			21.1	43.7	9 800	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	31 400*																20.0	
22.0	52.6	63.2	26 500*	59.8	65.0	29 700*	63.8	65.7	31 300*													22.0	
24.0	47.7	61.5	23 800*	55.3	63.7	28 100*	59.5	64.6	29 700*													24.0	
26.0	42.4	59.5	21 300*	50.6	62.2	25 500*	55.1	63.4	28 200	61.9	64.5	26 200										26.0	
28.0	36.5	57.1	19 200*	45.6	60.4	22 700*	50.3	61.8	25 300*	57.6	63.3	23 900										28.0	
30.0	29.6	54.0	17 500*	40.0	58.3	20 400*	45.3	60.0	22 600*	53.0	62.0	21 900										30.0	
32.0	20.7	49.8	16 000*	33.8	55.6	18 500*	39.7	57.8	20 300*	48.1	60.3	20 100										32.0	
34.0				26.2	52.2	16 900*	33.4	55.1	18 400*	42.8	58.3	18 700	50.7	60.2	17 300							34.0	
36.0				15.7	46.9	15 500*	25.8	51.6	16 800*	37.0	55.9	17 300	45.6	58.4	16 000							36.0	
38.0							14.9	46.2	15 400*	30.2	52.9	16 100	40.1	56.2	14 900	48.0	58.0	13 800				38.0	
40.0										21.6	48.8	15 100	33.8	53.6	14 000	42.7	56.0	12 800				40.0	
42.0													26.3	50.1	13 100	36.8	53.6	12 000	44.9	55.3	11 000	42.0	
44.0													15.8	44.9	12 200	30.0	50.6	11 300	32.9	53.1	10 300	44.0	
46.0																21.3	46.4	10 600		50.3	9 700	46.0	
48.0																				46.7	9 100	48.0	
50.0																				13.8	41.1	8 500	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.3	70.9	31 800*																			13.7
14.0	71.7	70.8	31 600*																			14.0
16.0	68.1	70.1	30 000*																			16.0
18.0	64.3	69.2	28 600*																			18.0
20.0	60.5	68.2	27 200*	66.6	69.4	29 800*																20.0
22.0	56.5	66.9	25 800*	62.8	68.5	28 400*	66.4	69.1	29 700*													22.0
24.0	52.3	65.5	24 200*	58.9	67.4	27 000*	62.6	68.1	28 400*													24.0
26.0	47.8	63.8	21 800*	54.8	66.1	25 600*	58.6	67.0	27 000*													26.0
28.0	43.0	61.9	19 700*	50.5	64.5	23 300*	54.5	65.7	25 500*	60.8	66.9	23 900										28.0
30.0	37.7	59.5	17 900*	45.9	62.8	20 900*	50.2	64.1	23 200*	56.8	65.7	21 800										30.0
32.0	31.7	56.6	16 300*	40.9	60.6	19 000*	45.6	62.3	20 800*	52.6	64.3	20 100										32.0
34.0	24.5	52.9	14 900*	35.4	58.1	17 300*	40.6	60.2	18 900*	48.2	62.6	18 600	54.8	64.0	17 300							34.0
36.0	14.1	47.2	13 500*	29.0	54.9	15 700*	35.0	57.6	17 200*	43.4	60.7	17 300	50.5	62.5	16 000							36.0
38.0				20.8	50.6	14 400*	28.6	54.4	15 700*	38.2	58.3	16 200	45.9	60.7	14 900							38.0
40.0							20.3	50.0	14 300*	32.3	55.5	15 100	41.0	58.6	14 000	48.1	60.3	12 900				40.0
42.0										25.2	51.9	14 100	35.4	56.0	13 100	43.3	58.3	12 000				42.0
44.0										15.3	46.4	13 300	29.0	52.9	12 300	38.1	56.0	11 300				44.0
46.0													20.9	48.6	11 600	32.1	53.1	10 600	40.2	55.5	9 700	46.0
48.0																25.0	49.5	10 000	34.6	52.8	9 100	48.0
50.0																14.9	44.0	9 400	28.0	49.6	8 600	50.0
52.0																			19.6	45.0	8 100	52.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	15 600*										34.0
36.0	44.7	71.1	11 600*	50.1	73.7	12 900*	53.1	74.9	13 600*	57.8	76.3	14 800*										36.0
38.0	41.0	69.0	11 000*	46.7	72.0	12 200*	49.9	73.3	12 900*	54.8	75.0	14 000*										38.0
40.0	37.0	66.5	10 400*	43.2	70.0	11 500*	46.5	71.5	12 200*	51.7	73.5	13 300*	56.4	74.7	13 400							40.0
42.0	32.6	63.6	9 800*	39.4	67.7	10 900*	43.0	69.5	11 500*	48.4	71.8	12 600*	53.3	73.3	12 500							42.0
44.0	27.6	60.2	9 300*	35.2	65.1	10 300*	39.2	67.2	10 900*	45.0	69.9	11 900*	50.1	71.7	11 700							44.0
46.0	21.6	55.8	8 900*	30.6	62.0	9 800*	35.0	64.6	10 300*	41.3	67.8	11 300*	46.8	69.9	11 000	51.6	71.2	10 000				46.0
48.0	13.2	49.4	8 500*	25.3	58.2	9 200*	30.4	61.5	9 800*	37.3	65.3	10 700*	43.2	67.9	10 400	48.3	69.5	9 400				48.0
50.0				18.6	53.2	8 800*	25.0	57.7	9 300*	33.0	62.5	10 100*	39.4	65.6	9 800	44.9	67.6	8 900				50.0
52.0							18.1	52.6	8 800*	28.1	59.1	9 600*	35.3	63.0	9 200	41.2	65.4	8 300	46.3	66.8	7 500	52.0
54.0										22.1	54.8	9 100*	30.7	59.9	8 700	37.2	63.0	7 900	42.7	64.8	7 100	54.0
56.0										14.1	48.7	8 600*	25.3	56.2	8 300	32.9	60.1	7 400	38.9	62.5	6 700	56.0
58.0													18.6	51.2	7 800	27.9	56.7	7 100	34.7	59.8	6 300	58.0
60.0																22.0	52.4	6 600	30.0	56.7	5 900	60.0
62.0																13.8	46.2	6 300	24.5	52.8	5 600	62.0
64.0																			17.5	47.6	5 300	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	74.2	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	13 300*										36.0
38.0	45.0	73.4	9 700*	50.0	76.0	10 800*	52.9	77.2	11 500*	57.3	78.7	12 600*										38.0
40.0	41.5	71.3	9 100*	46.9	74.3	10 200*	49.8	75.6	10 800*	54.5	77.3	11 900*										40.0
42.0	37.8	68.9	8 600*	43.6	72.3	9 600*	46.7	73.8	10 200*	51.5	75.8	11 200*	55.9	77.0	12 100*							42.0
44.0	33.8	66.1	8 000*	40.0	70.1	9 000*	43.4	71.9	9 600*	48.4	74.1	10 600*	53.0	75.6	11 500*							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	9 900*	50.0	74.0	10 800*							46.0
48.0	24.1	58.9	7 100*	32.0	64.6	7 900*	36.0	67.0	8 500*	41.8	70.1	9 300*	46.9	72.2	10 200*	51.4	73.5	9 200				48.0
50.0	17.5	53.6	6 800*	27.3	61.0	7 500*	31.8	64.1	8 000*	38.2	67.7	8 800*	43.6	70.2	9 600	48.4	71.8	8 600				50.0
52.0				21.6	56.6	7 000*	27.0	60.5	7 500*	34.2	65.0	8 200*	40.1	68.0	9 100	45.1	69.9	8 200				52.0
54.0				13.9	50.4	6 700*	21.3	56.0	7 100*	29.7	61.8	7 800*	36.3	65.4	8 500	41.7	67.8	7 700	46.5	69.1	6 800	54.0
56.0							13.4	49.6	6 700*	24.6	57.9	7 300*	32.1	62.5	8 000*	38.1	65.4	7 200	43.1	67.1	6 500	56.0
58.0										18.1	52.8	6 900*	27.3	59.0	7 600*	34.1	62.6	6 900	39.6	64.9	6 100	58.0
60.0													21.7	54.6	7 100*	29.6	59.4	6 500	35.7	62.3	5 700	60.0
62.0													14.0	48.4	6 800*	24.4	55.5	6 100	31.5	59.3	5 400	62.0
64.0																17.9	50.3	5 800	26.6	55.7	5 100	64.0
66.0																			20.8	51.1	4 800	66.0
68.0																			12.6	44.4	4 500	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.1	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	11 500*										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	10 800*										40.0
42.0	42.0	73.7	7 600*	47.0	76.6	8 600*	49.8	77.9	9 200*	54.1	79.6	10 100*										42.0
44.0	38.6	71.3	7 100*	43.9	74.6	8 000*	46.8	76.2	8 600*	51.4	78.1	9 500*	55.5	79.3	10 300*							44.0
46.0	34.9	68.6	6 600*	40.6	72.4	7 500*	43.7	74.2	8 000*	48.5	76.4	8 900*	52.8	77.9	9 800*							46.0
48.0	30.8	65.5	6 200*	37.1	69.9	7 000*	40.4	72.0	7 500*	45.5	74.5	8 400*	50.0	76.3	9 200*							48.0
50.0	26.1	61.8	5 800*	33.2	67.1	6 500*	36.9	69.5	7 000*	42.3	72.5	7 800*	47.0	74.5	8 600*	51.3	75.8	8 500				50.0
52.0	20.6	57.2	5 300*	29.0	63.8	6 100*	33.0	66.6	6 500*	38.9	70.1	7 300*	43.9	72.5	8 100*	48.4	74.1	8 000				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	6 800*	40.6	70.3	7 600*	45.4	72.2	7 500				54.0
56.0				17.8	54.5	5 100*	23.7	59.2	5 600*	31.1	64.4	6 400*	37.1	67.9	7 100*	42.2	70.1	7 100	43.5	69.5	6 000	56.0
58.0							17.4	53.8	5 100*	26.6	60.8	5 900*	33.3	65.0	6 600*	38.8	67.8	6 700	40.2	67.2	5 600	58.0
60.0										21.1	56.3	5 400*	29.0	61.7	6 200*	35.1	65.1	6 300				60.0
62.0										13.7	49.9	4 900*	24.0	57.7	5 700*	31.0	62.0	6 000	36.6	64.7	5 300	62.0
64.0													17.8	52.5	5 200*	26.4	58.4	5 700	32.7	61.8	5 000	64.0
66.0																20.9	53.8	5 400	28.4	58.4	4 700	66.0
68.0																13.4	47.4	5 000*	23.3	54.3	4 400	68.0
70.0																			16.8	48.8	4 100	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

39.6m (130 FT.) BOOM, 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.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	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	44 300*b																18.0
20.0	39.7	55.7	30 600*	52.6	58.6	39 900*b	59.2	59.7	39 200b													20.0
22.0	30.4	52.8	26 900*	45.5	56.9	33 900*	52.7	58.3	34 800b													22.0
24.0	17.0	48.3	24 000*	37.3	54.6	29 500*	45.6	56.6	31 200	57.2	58.5	29 100b										24.0
26.0				27.3	51.5	26 000*	37.5	54.4	28 200	50.5	57.0	26 300b										26.0
28.0							27.5	51.2	25 700	43.2	55.2	23 900	54.9	56.9	22 200b							28.0
30.0										34.6	52.7	21 900	48.0	55.3	20 300							30.0
32.0										23.6	49.1	20 200	40.3	53.3	18 700							32.0
34.0													31.0	50.5	17 300	44.9	53.1	15 900				34.0
36.0													18.1	46.1	16 000	36.7	50.8	14 800				36.0
38.0																26.4	47.6	13 800	41.1	50.5	12 600	38.0
40.0																			32.1	47.8	11 800	40.0
42.0																			19.8	43.7	11 000	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.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	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	39 600*b																18.0
20.0	47.7	60.1	30 900*	57.9	62.4	37 400*b	63.4	63.2	39 000b													20.0
22.0	41.0	58.0	27 100*	52.1	61.0	34 600*	58.0	62.0	34 600b													22.0
24.0	33.2	55.4	24 100*	45.9	59.2	29 800*	52.3	60.6	31 000													24.0
26.0	23.2	51.7	21 600*	38.9	57.0	26 200*	46.1	58.9	28 100	56.2	60.8	26 100										26.0
28.0				30.7	54.2	23 300*	39.1	56.7	25 600	50.4	59.3	23 800										28.0
30.0				19.6	49.9	21 000*	30.9	53.9	23 400	43.9	57.5	21 800	54.2	59.2	20 100							30.0
32.0							20.0	49.7	21 000*	36.7	55.1	20 100	48.1	57.6	18 500							32.0
34.0										27.9	51.9	18 600	41.4	55.6	17 100							34.0
36.0										15.0	46.8	17 200	33.7	53.0	15 900	45.4	55.5	14 600				36.0
38.0													24.0	49.4	14 800	38.4	53.2	13 600				38.0
40.0																30.0	50.3	12 700	42.2	52.8	11 600	40.0
42.0																18.6	45.9	11 800	34.6	50.3	10 800	42.0
44.0																			25.2	46.8	10 100	44.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	68.4	67.5	36 100*b																			13.7
14.0	67.7	67.4	35 900*b																			14.0
16.0	63.1	66.5	33 900*b																			16.0
18.0	58.3	65.4	32 100*	66.4	66.8	35 800*b																18.0
20.0	53.3	64.0	30 400*	61.8	65.9	34 000*b	66.5	66.5	35 900*b													20.0
22.0	47.9	62.4	27 200*	56.9	64.7	32 300*	61.9	65.6	34 000b													22.0
24.0	41.9	60.4	24 000*	51.8	63.3	29 800*	57.1	64.4	31 000													24.0
26.0	35.2	57.9	21 600*	46.3	61.5	26 200*	51.9	63.0	28 000	60.4	64.4	26 000										26.0
28.0	27.2	54.6	19 500*	40.2	59.4	23 300*	46.4	61.2	25 500	55.4	63.1	23 600										28.0
30.0	15.7	49.5	17 700*	33.2	56.7	21 000*	40.3	59.1	23 300	50.2	61.6	21 700										30.0
32.0				24.5	53.1	19 000*	33.3	56.4	21 000*	44.5	59.8	20 000	53.6	61.5	18 400							32.0
34.0							24.7	52.8	19 000*	38.2	57.5	18 500	48.2	59.9	17 000							34.0
36.0										30.8	54.6	17 200	42.3	57.9	15 800							36.0
38.0										21.3	50.5	16 000	35.7	55.5	14 700	45.8	57.8	13 500				38.0
40.0													27.7	52.2	13 700	39.7	55.6	12 600				40.0
42.0													16.7	47.3	12 900	32.6	52.9	11 800	43.0	55.1	10 700	42.0
44.0																23.8	49.1	11 000	36.4	52.7	10 000	44.0
46.0																			28.7	49.6	9 400	46.0
48.0																			18.1	45.0	8 800	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	29 900*	64.9	69.0	31 600*b													22.0
24.0	48.0	64.7	24 000*	56.2	67.0	28 300*	60.7	67.9	30 000*													24.0
26.0	42.7	62.7	21 400*	51.5	65.6	26 100*	56.3	66.7	27 800													26.0
28.0	36.8	60.3	19 400*	46.5	63.8	23 200*	51.6	65.3	25 300	59.3	66.8	23 400										28.0
30.0	30.0	57.3	17 600*	41.1	61.7	20 800*	46.7	63.5	23 200	54.8	65.5	21 500										30.0
32.0	21.2	53.1	16 100*	35.0	59.2	18 800*	41.2	61.5	20 900*	50.1	63.9	19 800										32.0
34.0				27.8	55.9	17 200*	35.2	58.9	18 900*	45.0	62.1	18 300	53.2	63.8	16 800							34.0
36.0				18.1	51.2	15 700*	28.0	55.7	17 200*	39.4	59.9	17 000	48.3	62.2	15 600							36.0
38.0							18.4	51.0	15 800*	33.0	57.2	15 800	43.0	60.3	14 500							38.0
40.0										25.3	53.6	14 800	37.2	57.9	13 600	46.2	60.1	12 400				40.0
42.0										14.1	48.0	13 800	30.4	54.9	12 700	40.7	58.0	11 500				42.0
44.0													21.9	50.8	11 900	34.5	55.4	10 800	43.6	57.5	9 800	44.0
46.0																27.2	52.0	10 200	37.8	55.1	9 200	46.0
48.0																17.3	47.1	9 600	31.2	52.2	8 600	48.0
50.0																			22.9	48.3	8 100	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.5	74.0	31 600*																			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	28 500*																22.0
24.0	52.5	68.6	24 300*	59.6	70.6	27 200*	63.6	71.4	28 600*													24.0
26.0	48.1	67.0	21 900*	55.5	69.4	25 800*	59.7	70.3	27 300													26.0
28.0	43.3	65.0	19 800*	51.3	67.9	23 800*	55.6	69.0	25 400													28.0
30.0	38.0	62.7	18 000*	46.8	66.1	21 300*	51.4	67.6	23 200	58.4	69.1	21 500										30.0
32.0	32.1	59.8	16 400*	41.9	64.1	19 300*	46.9	65.8	21 400	54.3	67.8	19 800										32.0
34.0	24.9	56.2	15 000*	36.5	61.6	17 600*	42.0	63.8	19 400*	50.0	66.2	18 300	57.0	67.6	16 800							34.0
36.0	14.9	50.6	13 700*	30.2	58.6	16 000*	36.6	61.3	17 600*	45.4	64.4	17 000	52.8	66.2	15 600							36.0
38.0				22.5	54.6	14 600*	30.4	58.3	16 100*	40.3	62.3	15 800	48.4	64.5	14 500							38.0
40.0							22.7	54.3	14 700*	34.7	59.7	14 800	43.6	62.6	13 600	51.0	64.1	12 400				40.0
42.0										28.2	56.4	13 800	38.4	60.3	12 700	46.4	62.4	11 500				42.0
44.0										19.7	51.9	13 000	32.5	57.5	11 900	41.5	60.3	10 800				44.0
46.0													25.4	53.9	11 200	36.0	57.8	10 200	44.1	59.8	9 200	46.0
48.0													15.7	48.5	10 500	29.8	54.7	9 600	39.0	57.5	8 600	48.0
50.0																21.9	50.6	9 000	33.2	54.8	8 100	50.0
52.0																			26.3	51.3	7 600	52.0
54.0																			17.0	46.2	7 200	54.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	17 700*													30.0
32.0	48.3	73.9	14 300*	54.2	76.3	15 900*	57.5	77.4	16 800*													32.0
34.0	44.6	72.0	13 600*	50.8	74.8	15 100*	54.3	76.0	16 000*	59.7	77.4	17 300*										34.0
36.0	40.6	69.8	12 900*	47.2	73.0	14 300*	50.9	74.5	15 200*	56.5	76.1	16 400										36.0
38.0	36.3	67.3	12 300*	43.5	71.1	13 600*	47.3	72.7	14 400*	53.2	74.7	15 300										38.0
40.0	31.4	64.3	11 600*	39.4	68.8	12 900*	43.6	70.8	13 700*	49.8	73.1	14 300	55.3	74.6	13 000							40.0
42.0	25.8	60.6	10 800*	35.0	66.2	12 300*	39.5	68.5	13 000*	46.2	71.3	13 400	52.0	73.1	12 200							42.0
44.0	18.7	55.8	9 900*	30.0	63.0	11 400*	35.1	65.9	12 300*	42.3	69.3	12 600	48.5	71.4	11 400							44.0
46.0				24.1	59.1	10 600*	30.1	62.8	11 500*	38.1	66.9	11 800	44.8	69.5	10 700	50.6	71.0	9 600				46.0
48.0				16.3	53.6	9 700*	24.2	58.9	10 600*	33.6	64.1	11 100	40.8	67.4	10 100	47.0	69.3	9 000				48.0
50.0							16.5	53.5	9 800*	28.3	60.8	10 500	36.6	64.9	9 500	43.2	67.3	8 500				50.0
52.0										22.0	56.6	9 900	31.8	61.9	9 000	39.1	65.0	8 000				52.0
54.0										13.1	50.2	9 400	26.2	58.3	8 400	34.6	62.3	7 500	45.2	66.7	7 100	54.0
56.0													19.3	53.5	8 000	29.6	59.1	7 100	37.0	62.1	6 300	56.0
58.0																23.6	55.2	6 700	32.3	59.2	5 900	58.0
60.0																15.6	49.5	6 300	26.9	55.7	5 600	60.0
62.0																			20.1	51.1	5 200	62.0
64.0																			9.6	43.6	4 900	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	74.3	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	13 600*										36.0
38.0	45.1	76.6	9 700*	50.6	79.4	11 000*	53.6	80.6	11 700*	58.4	82.1	12 900*										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	12 200*										40.0
42.0	38.0	72.1	8 600*	44.2	75.7	9 700*	47.5	77.3	10 400*	52.7	79.3	11 500*										42.0
44.0	34.0	69.3	8 100*	40.7	73.5	9 100*	44.3	75.4	9 800*	49.7	77.7	10 900*	54.6	79.2	11 100							44.0
46.0	29.6	66.1	7 600*	37.0	71.0	8 600*	40.8	73.2	9 200*	46.5	75.9	10 200*	51.6	77.7	10 500							46.0
48.0	24.4	62.2	7 200*	32.9	68.2	8 000*	37.1	70.7	8 600*	43.2	73.9	9 600*	48.6	76.0	9 800							48.0
50.0	17.9	57.0	6 800*	28.2	64.8	7 600*	33.0	67.9	8 100*	39.6	71.7	9 100*	45.3	74.1	9 200	50.4	75.6	8 200				50.0
52.0				22.8	60.6	7 100*	28.3	64.5	7 600*	35.8	69.1	8 500*	41.9	72.0	8 700	47.2	73.9	7 800				52.0
54.0				15.6	54.8	6 800*	22.9	60.3	7 200*	31.6	66.1	8 000*	38.3	69.7	8 200	44.0	71.9	7 300				54.0
56.0							15.8	54.7	6 800*	26.7	62.5	7 500*	34.3	67.0	7 800	40.5	69.7	6 900	45.7	71.3	6 000	56.0
58.0										20.9	58.0	7 100*	29.9	63.8	7 400	36.7	67.2	6 500	42.3	69.3	5 600	58.0
60.0										12.8	51.4	6 800*	24.8	59.9	7 000	32.5	64.3	6 200	38.7	66.9	5 300	60.0
62.0													18.4	54.8	6 600	27.9	60.9	5 800	34.7	64.2	5 000	62.0
64.0													8.1	46.3	6 200	22.3	56.6	5 500	30.4	61.1	4 700	64.0
66.0																15.0	50.7	5 100	25.4	57.3	4 500	66.0
68.0																			19.1	52.4	4 200	68.0
70.0																			9.7	44.7	3 900	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.2	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	11 700*										38.0
40.0	45.4	78.9	8 200*	50.5	81.7	9 300*	53.4	82.9	10 000*	57.9	84.4	11 100*										40.0
42.0	42.2	76.8	7 700*	47.6	79.9	8 700*	50.6	81.4	9 400*	55.2	83.1	10 400*										42.0
44.0	38.8	74.5	7 200*	44.5	78.0	8 100*	47.6	79.6	8 800*	52.5	81.7	9 800*										44.0
46.0	35.1	71.8	6 700*	41.2	75.9	7 600*	44.6	77.7	8 200*	49.6	80.0	9 200*	54.2	81.5	10 100*							46.0
48.0	31.0	68.7	6 300*	37.8	73.4	7 100*	41.3	75.6	7 700*	46.7	78.2	8 600*	51.5	80.0	9 500*							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	8 100*	48.6	78.3	8 900*							50.0
52.0	20.9	60.5	5 300*	29.8	67.5	6 200*	34.1	70.4	6 700*	40.2	74.0	7 500*	45.6	76.5	8 400*	50.3	77.9	7 600				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	7 000*	42.4	74.4	7 900*	47.3	76.2	7 200				54.0
56.0				19.1	58.7	5 300*	25.1	63.3	5 800*	32.8	68.6	6 600*	39.0	72.1	7 400*	44.3	74.2	6 700				56.0
58.0							19.2	58.4	5 300*	28.5	65.2	6 100*	35.3	69.4	6 900*	41.0	72.1	6 400	45.9	73.6	5 500	58.0
60.0										23.4	61.1	5 600*	31.3	66.4	6 500*	37.5	69.6	6 000	42.7	71.6	5 200	60.0
62.0										17.0	55.7	5 100*	26.7	62.8	6 000*	33.7	66.8	5 700	39.3	69.3	4 900	62.0
64.0										5.7	45.7	4 700*	21.3	58.3	5 400*	29.5	63.6	5 300	35.7	66.7	4 600	64.0
66.0													14.0	52.0	5 000*	24.6	59.7	5 100	31.7	63.7	4 300	66.0
68.0																18.6	54.6	4 800	27.2	60.1	4 000	68.0
70.0																9.5	46.6	4 500	21.9	55.8	3 800	70.0
72.0																			14.9	49.8	3 600	72.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB 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	40 600b	60.9	63.0	38 800b													20.0
22.0	30.9	56.0	27 100*	46.8	60.3	35 000*	54.5	61.7	34 400b													22.0
24.0	17.9	51.6	24 000*	38.9	58.1	30 200*	47.6	60.1	30 900													24.0
26.0				29.4	55.2	26 600*	39.8	58.0	27 900	53.2	60.6	25 800b										26.0
28.0							30.5	55.2	25 500	46.2	58.9	23 500										28.0
30.0							17.1	50.6	23 300	38.2	56.7	21 600	51.7	59.1	19 800							30.0
32.0										28.4	53.6	19 800	44.4	57.3	18 200							32.0
34.0													36.1	54.9	16 800	49.6	57.1	15 400b				34.0
36.0													25.6	51.6	15 600	42.1	55.2	14 200				36.0
38.0																33.4	52.6	13 200				38.0
40.0																21.7	48.7	12 300				40.0
42.0																			39.1	52.5	11 200	42.0
44.0																			29.6	49.6	10 400	44.0
																			15.6	44.8	9 700	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	39 800*b																18.0
20.0	48.0	63.2	31 200*	58.9	65.6	37 700*b	64.8	66.4	38 600b													20.0
22.0	41.4	61.2	27 300*	53.2	64.3	35 100*	59.5	65.4	34 200b													22.0
24.0	33.6	58.6	24 200*	47.1	62.6	30 600*	53.8	64.0	30 700													24.0
26.0	23.9	54.9	21 700*	40.3	60.5	26 800*	47.8	62.4	27 800	58.4	64.3	25 600b										26.0
28.0				32.4	57.8	23 800*	41.0	60.4	25 300	52.7	62.9	23 300										28.0
30.0				22.1	53.9	21 400*	33.3	57.7	23 200	46.6	61.2	21 400										30.0
32.0							23.3	54.0	21 400	39.7	59.1	19 700	51.3	61.4	18 000							32.0
34.0										31.6	56.3	18 200	45.0	59.6	16 700							34.0
36.0										21.0	52.2	16 900	37.9	57.3	15 500	49.5	59.4	14 000				36.0
38.0													29.4	54.3	14 400	43.0	57.5	13 100				38.0
40.0																35.6	55.0	12 200				40.0
42.0																26.5	51.7	11 400	40.5	54.9	10 200	42.0
44.0																12.3	46.1	10 600	32.6	52.2	9 600	44.0
46.0																			22.4	48.4	8 900	46.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	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	36 000*b																18.0
20.0	53.5	67.1	30 400*	62.7	69.1	34 200*b																20.0
22.0	48.2	65.5	27 400*	57.9	68.0	32 500*	63.1	68.8	33 900b													22.0
24.0	42.3	63.5	24 200*	52.8	66.6	30 300*	58.4	67.7	30 600													24.0
26.0	35.6	61.1	21 700*	47.3	64.9	26 800*	53.3	66.4	27 700	62.3	67.8	25 500b										26.0
28.0	27.6	57.8	19 600*	41.3	62.9	23 800*	47.9	64.7	25 200	57.4	66.6	23 200										28.0
30.0	16.5	52.9	17 800*	34.5	60.3	21 300*	42.0	62.7	23 100	52.3	65.2	21 200										30.0
32.0				26.3	56.9	19 300*	35.3	60.2	21 300	46.8	63.5	19 600										32.0
34.0							27.2	56.9	19 500*	40.8	61.4	18 100	51.1	63.7	16 500							34.0
36.0							15.8	51.9	17 700*	33.9	58.8	16 800	45.5	61.9	15 300							36.0
38.0										25.5	55.3	15 700	39.3	59.7	14 300							38.0
40.0													32.1	56.9	13 300							40.0
42.0													23.1	53.1	12 500	43.7	59.8	12 000				42.0
44.0																37.3	57.5	11 300				44.0
46.0																29.7	54.4	10 500	41.5	57.2	9 400	46.0
48.0																19.7	50.1	9 900	34.7	54.7	8 900	48.0
50.0																			26.5	51.3	8 300	50.0
																			14.6	46.0	7 800	

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	70.8	73.9	33 600*b																			13.7
14.0	70.2	73.8	33 300*b																			14.0
16.0	66.2	73.0	31 500*b																			16.0
18.0	62.0	72.0	29 800*																			18.0
20.0	57.7	70.8	28 200*	65.6	72.5	31 700*b																20.0
22.0	53.1	69.5	26 600*	61.4	71.5	30 100*	66.0	72.2	31 900*b													22.0
24.0	48.2	67.8	24 100*	57.0	70.3	28 600*	61.8	71.2	30 200													24.0
26.0	43.0	65.9	21 500*	52.4	68.9	26 700*	57.5	70.1	27 500													26.0
28.0	37.1	63.5	19 400*	47.5	67.2	23 700*	52.9	68.7	25 000	61.0	70.2	23 000										28.0
30.0	30.4	60.5	17 700*	42.2	65.2	21 200*	48.0	67.0	22 900	56.6	69.0	21 000										30.0
32.0	21.8	56.4	16 100*	36.2	62.7	19 200*	42.7	65.0	21 100	52.0	67.5	19 400										32.0
34.0				29.2	59.6	17 400*	36.8	62.6	19 400*	47.0	65.8	17 900	55.6	67.5	16 300							34.0
36.0				20.3	55.3	16 000*	30.0	59.6	17 600*	41.7	63.8	16 700	50.9	66.0	15 100							36.0
38.0							21.3	55.5	16 100*	35.6	61.3	15 500	45.8	64.2	14 100							38.0
40.0										28.6	58.1	14 500	40.3	62.0	13 200	49.4	64.0	11 800				40.0
42.0										19.3	53.6	13 500	34.1	59.4	12 300	44.3	62.1	11 000				42.0
44.0													26.7	56.0	11 500	38.6	59.9	10 300				44.0
46.0																32.1	57.0	9 700	42.3	59.6	8 600	46.0
48.0																24.1	53.3	9 100	36.4	57.1	8 100	48.0
50.0																11.9	47.1	8 600	29.4	54.0	7 600	50.0
52.0																			20.5	49.8	7 100	52.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.6	77.1	31 400*																			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	28 700*																22.0
24.0	52.7	71.8	24 400*	60.3	73.9	27 300*	64.6	74.6	28 700*													24.0
26.0	48.3	70.1	22 100*	56.3	72.6	26 100*	60.7	73.6	27 500													26.0
28.0	43.5	68.2	19 900*	52.1	71.2	24 400*	56.7	72.4	25 000													28.0
30.0	38.3	65.9	18 200*	47.6	69.5	21 800*	52.5	71.0	22 900	60.0	72.5	21 000										30.0
32.0	32.4	63.1	16 600*	42.8	67.5	19 700*	48.1	69.3	21 100	56.0	71.3	19 400										32.0
34.0	25.3	59.4	15 300*	37.5	65.1	17 900*	43.3	67.4	19 600	51.7	69.8	17 900										34.0
36.0	15.5	54.1	13 700*	31.5	62.2	16 400*	38.1	65.0	18 100	47.2	68.1	16 600	55.0	69.8	15 100							36.0
38.0				24.1	58.4	15 100*	32.1	62.2	16 500*	42.4	66.1	15 500	50.7	68.3	14 100							38.0
40.0							25.0	58.5	15 200*	37.0	63.7	14 500	46.1	66.5	13 100							40.0
42.0							15.0	53.0	14 100*	30.9	60.7	13 600	41.2	64.4	12 300	49.4	66.3	11 000				42.0
44.0										23.4	56.8	12 700	35.7	61.9	11 500	44.7	64.4	10 400				44.0
46.0													29.3	58.7	10 800	39.6	62.2	9 700				46.0
48.0													21.3	54.5	10 200	33.9	59.6	9 100				48.0
50.0																27.2	56.2	8 600	42.9	61.9	8 100	50.0
52.0																18.4	51.4	8 100	37.6	59.6	7 600	52.0
54.0																			24.3	52.9	6 800	54.0
56.0																			13.9	47.1	6 300	56.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.1	80.3	25 500*																			13.7
14.0	73.6	80.2	25 400*																			14.0
16.0	70.3	79.5	24 800*																			16.0
18.0	67.0	78.7	24 200*																			18.0
20.0	63.5	77.8	23 100*	69.9	79.1	25 100*																20.0
22.0	60.0	76.7	21 900*	66.5	78.3	24 300*																22.0
24.0	56.3	75.5	20 800*	63.0	77.3	23 200*																24.0
26.0	52.4	74.1	19 800*	59.4	76.2	22 000*	63.4	77.1	23 300*													26.0
28.0	48.4	72.4	18 900*	55.7	75.0	21 000*	59.8	76.0	22 200*													28.0
30.0	44.0	70.5	18 000*	51.8	73.5	20 000*	56.1	74.7	21 100*													30.0
32.0	39.3	68.3	16 600*	47.7	71.8	19 000*	52.3	73.3	20 200*	59.1	74.9	19 100										32.0
34.0	34.1	65.6	15 300*	43.4	69.8	18 000*	48.2	71.6	19 200	55.4	73.6	17 700										34.0
36.0	28.0	62.2	14 100*	38.6	67.5	16 400*	43.8	69.7	18 000	51.5	72.1	16 400										36.0
38.0	20.3	57.8	13 100*	33.2	64.8	15 100*	39.1	67.4	16 600	47.4	70.4	15 300	54.5	72.1	13 800							38.0
40.0				27.0	61.3	13 900*	33.8	64.7	15 200*	43.0	68.4	14 300	50.6	70.6	12 900							40.0
42.0				18.9	56.6	12 900*	27.7	61.4	14 000*	38.1	66.1	13 400	46.4	68.8	12 100							42.0
44.0							19.9	56.8	13 000*	32.7	63.3	12 600	41.9	66.7	11 400	49.4	68.6	10 100				44.0
46.0										26.4	59.7	11 800	36.9	64.3	10 600	45.1	66.7	9 500				46.0
48.0										18.1	54.9	11 100	31.3	61.4	10 000	40.5	64.6	8 900				48.0
50.0													24.7	57.6	9 500	35.4	62.0	8 400	43.5	64.2	7 400	50.0
52.0																29.5	58.9	7 900	38.7	61.9	6 900	52.0
54.0																22.4	54.8	7 500	33.4	59.2	6 500	54.0
56.0																11.7	48.2	7 000	27.1	55.8	6 200	56.0
58.0																			19.2	51.1	5 800	58.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	18 800*													28.0
30.0	51.9	78.7	15 100*	58.0	80.9	16 900*	61.5	81.8	17 900*													30.0
32.0	48.5	77.0	14 300*	54.8	79.6	16 100*	58.4	80.7	17 000*													32.0
34.0	44.8	75.1	13 600*	51.4	78.1	15 200*	55.1	79.4	16 200*	60.9	80.8	17 400										34.0
36.0	40.8	73.0	12 900*	47.9	76.4	14 500*	51.8	77.9	15 400*	57.8	79.6	16 100										36.0
38.0	36.5	70.5	12 300*	44.2	74.5	13 700*	48.3	76.2	14 600*	54.5	78.2	15 000										38.0
40.0	31.7	67.5	11 700*	40.2	72.3	13 000*	44.6	74.3	13 900*	51.1	76.7	14 000	57.0	78.1	12 600							40.0
42.0	26.2	63.9	11 000*	35.8	69.7	12 400*	40.6	72.1	13 200*	47.6	75.0	13 100	53.7	76.7	11 700							42.0
44.0	19.2	59.1	10 200*	31.0	66.7	11 700*	36.3	69.6	12 500*	43.9	73.1	12 300	50.3	75.2	11 000							44.0
46.0				25.3	62.9	10 900*	31.5	66.6	11 800*	39.8	70.8	11 600	46.8	73.4	10 300							46.0
48.0				18.0	57.9	10 100*	25.9	63.0	10 900*	35.4	68.2	10 900	42.9	71.4	9 700	49.3	73.2	8 600				48.0
50.0							18.8	58.1	10 200*	30.5	65.2	10 200	38.8	69.1	9 100	45.7	71.4	8 100				50.0
52.0										24.7	61.3	9 600	34.3	66.4	8 600	41.8	69.3	7 600				52.0
54.0										17.2	56.1	9 100	29.2	63.2	8 100	37.6	66.9	7 200	44.3	68.9	6 200	54.0
56.0													23.1	59.1	7 700	32.9	64.0	6 700	40.3	66.7	5 800	56.0
58.0																27.6	60.6	6 300	35.9	64.1	5 500	58.0
60.0																21.1	56.2	6 000	31.1	61.1	5 200	60.0
62.0																11.5	49.3	5 600	25.4	57.4	4 800	62.0
64.0																			18.2	52.4	4 500	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	14 800*													34.0
36.0	45.0	77.4	11 700*	51.3	80.4	13 200*	54.7	81.7	14 100*	60.1	83.1	15 300*										36.0
38.0	41.4	75.3	11 100*	48.0	78.7	12 500*	51.6	80.2	13 300*	57.2	81.9	14 600*										38.0
40.0	37.4	72.9	10 500*	44.5	76.8	11 800*	48.3	78.5	12 600*	54.2	80.6	13 900										40.0
42.0	33.1	70.0	9 900*	40.8	74.6	11 100*	44.9	76.6	11 900*	51.0	79.0	13 100	56.5	80.4	11 700							42.0
44.0	28.2	66.7	9 400*	36.8	72.1	10 600*	41.2	74.5	11 300*	47.7	77.3	12 200	53.4	79.0	10 900							44.0
46.0	22.3	62.4	9 000*	32.4	69.2	10 000*	37.3	72.0	10 700*	44.2	75.4	11 500	50.2	77.5	10 300							46.0
48.0	14.3	56.4	8 500*	27.4	65.8	9 500*	32.9	69.2	10 100*	40.5	73.2	10 800	46.9	75.7	9 700							48.0
50.0				21.3	61.3	9 000*	27.9	65.8	9 600*	36.5	70.7	10 200	43.4	73.7	9 100	49.3	75.5	8 000				50.0
52.0							22.0	61.5	9 100*	32.0	67.7	9 700	39.6	71.5	8 600	45.9	73.7	7 500				52.0
54.0							13.9	55.3	8 700*	26.9	64.2	9 100	35.5	68.9	8 100	42.3	71.6	7 100				54.0
56.0										20.7	59.7	8 600	30.9	65.8	7 600	38.4	69.3	6 700	44.6	71.2	5 800	56.0
58.0													25.6	62.1	7 200	34.2	66.5	6 300	40.9	69.0	5 400	58.0
60.0													19.0	57.2	6 800	29.4	63.3	6 000	36.9	66.5	5 100	60.0
62.0																23.8	59.3	5 600	32.5	63.7	4 800	62.0
64.0																16.6	53.9	5 300	27.5	60.2	4 500	64.0
66.0																			21.5	55.8	4 200	66.0
68.0																			13.0	49.4	4 000	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	13 100*										38.0
40.0	41.9	77.6	9 200*	48.1	81.0	10 400*	51.5	82.5	11 200*	56.7	84.3	12 400*										40.0
42.0	38.2	75.3	8 700*	44.8	79.1	9 800*	48.4	80.8	10 600*	53.8	82.9	11 800*										42.0
44.0	34.3	72.5	8 100*	41.4	77.0	9 200*	45.2	78.9	9 900*	50.9	81.3	11 100*	56.0	82.8	10 700							44.0
46.0	29.8	69.3	7 600*	37.7	74.5	8 700*	41.7	76.8	9 300*	47.8	79.6	10 500*	53.2	81.4	10 100							46.0
48.0	24.7	65.5	7 200*	33.7	71.8	8 200*	38.1	74.4	8 800*	44.5	77.7	9 900*	50.2	79.8	9 500							48.0
50.0	18.3	60.4	6 800*	29.1	68.5	7 700*	34.1	71.7	8 300*	41.1	75.5	9 300*	47.0	78.0	8 900							50.0
52.0				23.9	64.5	7 300*	29.6	68.5	7 800*	37.3	73.1	8 700*	43.7	76.0	8 400	49.3	77.8	7 300				52.0
54.0				17.2	59.1	6 900*	24.5	64.6	7 300*	33.3	70.3	8 200*	40.2	73.8	7 900	46.1	76.0	6 900				54.0
56.0							18.0	59.4	6 900*	28.7	66.9	7 800*	36.4	71.3	7 500	42.7	73.9	6 500				56.0
58.0										23.4	62.8	7 300*	32.3	68.4	7 100	39.1	71.6	6 100	44.9	73.5	5 200	58.0
60.0										16.5	57.3	6 900*	27.6	64.9	6 700	35.3	69.0	5 800	41.5	71.4	4 900	60.0
62.0													21.9	60.5	6 300	31.0	65.9	5 400	37.8	68.9	4 600	62.0
64.0													14.4	54.4	5 900	26.0	62.2	5 100	33.8	66.2	4 300	64.0
66.0																20.0	57.5	4 800	29.3	62.9	4 100	66.0
68.0																11.3	50.4	4 500	24.0	58.9	3 800	68.0
70.0																			17.4	53.6	3 600	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.4	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	11 300*										40.0
42.0	42.3	80.0	7 700*	48.1	83.3	8 900*	51.3	84.8	9 500*	56.3	86.6	10 700*										42.0
44.0	38.9	77.6	7 200*	45.1	81.4	8 300*	48.4	83.1	8 900*	53.6	85.2	10 000*										44.0
46.0	35.3	75.0	6 700*	41.9	79.3	7 700*	45.4	81.3	8 400*	50.8	83.6	9 400*	55.7	85.1	9 900							46.0
48.0	31.2	72.0	6 300*	38.4	76.9	7 200*	42.2	79.2	7 800*	47.9	81.9	8 800*	52.9	83.7	9 300							48.0
50.0	26.7	68.3	5 900*	34.7	74.2	6 700*	38.8	76.8	7 300*	44.8	80.0	8 300*	50.1	82.1	8 700							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	7 700*	47.2	80.3	8 300	52.1	81.7	7 200				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	7 300*	44.1	78.4	7 800	49.3	80.1	6 800				54.0
56.0				20.3	62.7	5 300*	26.5	67.4	5 900*	34.4	72.8	6 800*	40.8	76.2	7 300	46.3	78.3	6 300				56.0
58.0							20.9	62.9	5 400*	30.2	69.6	6 300*	37.3	73.7	6 900	43.1	76.3	6 000				58.0
60.0							13.5	56.4	5 000*	25.5	65.8	5 900*	33.4	70.9	6 600	39.8	74.0	5 600	45.1	75.8	4 800	60.0
62.0										19.7	61.0	5 300*	29.2	67.6	6 200	36.2	71.4	5 300	41.9	73.7	4 500	62.0
64.0										11.5	53.9	4 900*	24.3	63.6	5 800	32.3	68.5	5 000	38.5	71.3	4 200	64.0
66.0													18.2	58.5	5 200*	27.8	65.0	4 700	34.8	68.6	3 900	66.0
68.0																22.6	60.8	4 400	30.7	65.5	3 700	68.0
70.0																16.0	55.1	4 200	26.1	61.8	3 500	70.0
72.0																			20.5	57.2	3 200	72.0
74.0																			12.7	50.5	3 000	74.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	62.4	67.0	42 600*b																			13.7
14.0	61.5	66.9	42 300*b																			14.0
16.0	55.1	65.6	40 000*b																			16.0
18.0	48.3	64.1	36 500*																			18.0
20.0	40.6	62.0	31 400*	55.0	65.2	40 400b																20.0
22.0	31.5	59.3	27 500*	48.2	63.7	35 700b	56.2	65.1	34 100b													22.0
24.0	18.8	55.0	24 300*	40.5	61.6	31 500*	49.5	63.6	30 500													24.0
26.0				31.3	58.9	27 500*	42.0	61.6	27 600	55.8	64.1	25 200b										26.0
28.0				18.6	54.6	24 100*	33.2	59.0	25 200	49.1	62.6	23 000b										28.0
30.0							21.4	55.2	23 100	41.5	60.6	21 100										30.0
32.0										32.6	57.9	19 400	48.3	61.1	17 600							32.0
34.0										20.5	53.9	17 900	40.6	59.1	16 300							34.0
36.0													31.5	56.3	15 100	47.1	59.2	13 600				36.0
38.0													18.8	52.1	14 100	39.2	57.1	12 600				38.0
40.0																29.7	54.2	11 800			10 500	40.0
42.0																15.8	49.4	11 000	45.2	56.9	9 800	42.0
44.0																			26.9	51.4	9 100	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	38 000*b	66.1	69.7	38 200b													20.0
22.0	41.7	64.4	27 500*	54.3	67.6	35 600b	60.9	68.7	33 800b													22.0
24.0	34.1	61.8	24 400*	48.3	66.0	31 400	55.4	67.4	30 300													24.0
26.0	24.5	58.2	21 800*	41.6	64.0	27 400*	49.4	65.9	27 500	60.6	67.7	25 100b										26.0
28.0				34.0	61.4	24 300*	42.9	64.0	25 000	55.0	66.4	22 800b										28.0
30.0				24.3	57.8	21 800*	35.5	61.5	22 900	49.1	64.9	20 900										30.0
32.0				6.6	50.5	19 500*	26.3	58.2	21 100	42.5	62.9	19 300										32.0
34.0										35.0	60.4	17 800	48.4	63.4	16 100							34.0
36.0										25.7	57.0	16 500	41.7	61.4	14 900							36.0
38.0										10.4	50.9	15 300	34.1	58.9	13 900	47.3	61.5	12 400				38.0
40.0													24.5	55.3	12 900	40.5	59.5	11 600				40.0
42.0																32.6	56.8	10 800				42.0
44.0																22.5	52.9	10 100				44.0
46.0																			38.7	57.0	8 900	46.0
48.0																			30.4	54.1	8 400	48.0
																			19.2	49.7	7 800	48.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	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	34 300*b																20.0
22.0	48.4	68.7	27 600*	58.8	71.2	32 600*	64.4	72.1	33 700b													22.0
24.0	42.6	66.7	24 300*	53.7	69.9	30 900*	59.6	71.0	30 200													24.0
26.0	36.0	64.2	21 800*	48.4	68.3	27 400*	54.7	69.7	27 300													26.0
28.0	28.1	61.1	19 700*	42.5	66.3	24 300*	49.4	68.2	24 900	59.4	70.0	22 700b										28.0
30.0	17.3	56.3	17 900*	35.9	63.8	21 800*	43.6	66.3	22 900	54.4	68.7	20 800										30.0
32.0				28.0	60.6	19 700*	37.2	63.9	21 000	49.0	67.2	19 100										32.0
34.0				17.1	55.8	17 900*	29.6	60.9	19 500	43.3	65.2	17 700	53.8	67.3	16 000							34.0
36.0							19.5	56.5	18 100	36.7	62.9	16 400	48.5	65.7	14 800							36.0
38.0										29.1	59.8	15 300	42.6	63.8	13 800							38.0
40.0										18.7	55.2	14 300	36.0	61.3	12 800							40.0
42.0													28.1	58.1	12 000	47.5	63.8	11 500				42.0
44.0													17.3	53.3	11 300	41.5	61.8	10 700				44.0
46.0																34.8	59.3	10 000				46.0
48.0																26.6	55.9	9 400	40.0	59.3	8 200	48.0
50.0																14.7	50.6	8 800	24.2	53.0	7 200	50.0

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	71.1	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	31 800*b																20.0
22.0	53.3	72.6	26 700*	62.2	74.7	30 200*																22.0
24.0	48.5	71.0	24 300*	57.8	73.6	28 800*	62.9	74.5	29 900													24.0
26.0	43.3	69.0	21 700*	53.3	72.2	27 300*	58.6	73.4	27 100													26.0
28.0	37.5	66.7	19 500*	48.4	70.6	24 200*	54.1	72.1	24 700													28.0
30.0	30.7	63.7	17 700*	43.2	68.6	21 600*	49.3	70.5	22 700	58.4	72.4	20 600										30.0
32.0	22.3	59.7	16 200*	37.4	66.3	19 500*	44.2	68.6	20 900	53.8	71.1	18 900										32.0
34.0				30.6	63.3	17 700*	38.5	66.3	19 300	49.0	69.5	17 500										34.0
36.0				22.2	59.3	16 200*	32.0	63.5	18 000	43.9	67.6	16 200	53.3	69.6	14 600							36.0
38.0				7.4	51.7	14 900*	23.9	59.7	16 500*	38.1	65.3	15 100	48.5	68.0	13 600							38.0
40.0										31.5	62.4	14 100	43.3	66.1	12 700							40.0
42.0										23.4	58.5	13 200	37.5	63.7	11 900	47.7	66.1	10 500				42.0
44.0										10.4	51.9	12 400	30.8	60.8	11 100	42.3	64.1	9 800				44.0
46.0													22.3	56.8	10 400	36.4	61.7	9 200	46.4	63.8	8 000	46.0
48.0																29.5	58.6	8 600	40.9	61.7	7 500	48.0
50.0																20.6	54.3	8 100	34.8	59.1	7 000	50.0
52.0																			27.6	55.8	6 600	52.0
54.0																			17.8	51.0	6 200	54.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.8	80.2	31 100*b																			13.7
14.0	72.3	80.1	30 900*b																			14.0
16.0	68.7	79.4	29 500*b																			16.0
18.0	65.0	78.5	28 200*																			18.0
20.0	61.1	77.5	27 000*	68.6	79.0	29 900*b																20.0
22.0	57.1	76.3	25 700*	64.9	78.1	28 700*																22.0
24.0	53.0	74.9	24 500*	61.1	77.1	27 500*	65.6	77.9	28 800*													24.0
26.0	48.5	73.3	22 200*	57.1	75.9	26 200*	61.8	76.9	27 100													26.0
28.0	43.8	71.3	20 100*	52.9	74.5	24 700*	57.8	75.7	24 700													28.0
30.0	38.6	69.1	18 200*	48.5	72.9	22 200*	53.7	74.4	22 600													30.0
32.0	32.8	66.3	16 700*	43.7	70.9	20 000*	49.3	72.8	20 900	57.6	74.7	18 900										32.0
34.0	25.8	62.7	15 300*	38.5	68.6	18 200*	44.6	70.9	19 300	53.4	73.4	17 500										34.0
36.0	16.2	57.5	13 900*	32.7	65.9	16 700*	39.5	68.7	18 000	49.0	71.8	16 200										36.0
38.0				25.7	62.3	15 300*	33.8	66.0	16 700	44.3	69.9	15 100	53.0	72.0	13 600							38.0
40.0				16.0	57.0	14 000*	27.0	62.6	15 600*	39.2	67.6	14 100	48.6	70.3	12 700							40.0
42.0							18.1	57.8	14 400*	33.4	64.9	13 200	43.8	68.4	11 900							42.0
44.0										26.6	61.5	12 500	38.6	66.1	11 100	47.8	68.4	9 800				44.0
46.0										17.5	56.5	11 700	32.8	63.3	10 400	43.0	66.5	9 200				46.0
48.0													25.8	59.8	9 800	37.7	64.1	8 600				48.0
50.0													16.2	54.5	9 200	31.7	61.2	8 100	41.7	64.0	7 000	50.0
52.0																24.4	57.5	7 700	36.3	61.6	6 600	52.0
54.0																14.0	51.7	7 200	30.0	58.5	6 200	54.0
56.0																			22.3	54.4	5 800	56.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.3	83.3	25 200*b																			13.7
14.0	73.8	83.3	25 100*b																			14.0
16.0	70.5	82.6	24 400*b																			16.0
18.0	67.2	81.8	23 900*																			18.0
20.0	63.7	80.9	23 000*	70.5	82.2	24 800*b																20.0
22.0	60.2	79.9	21 900*	67.1	81.5	24 300*																22.0
24.0	56.5	78.6	20 800*	63.7	80.5	23 300*																24.0
26.0	52.6	77.2	19 800*	60.1	79.5	22 200*	64.3	80.3	23 400*													26.0
28.0	48.6	75.6	18 900*	56.4	78.2	21 200*	60.8	79.3	22 400*													28.0
30.0	44.3	73.7	18 000*	52.6	76.8	20 100*	57.1	78.1	21 400*													30.0
32.0	39.6	71.4	16 700*	48.5	75.2	19 200*	53.3	76.7	20 400*													32.0
34.0	34.4	68.8	15 300*	44.2	73.3	18 200*	49.3	75.1	19 200	56.9	77.1	17 300										34.0
36.0	28.3	65.5	14 100*	39.5	71.0	16 700*	45.0	73.2	17 800	53.1	75.7	16 000										36.0
38.0	20.8	61.1	13 100*	34.3	68.4	15 300*	40.4	71.1	16 600	49.0	74.1	14 900										38.0
40.0				28.2	65.1	14 100*	35.3	68.5	15 500	44.7	72.2	14 000	52.6	74.3	12 400							40.0
42.0				20.7	60.7	13 100*	29.4	65.3	14 300*	40.1	70.0	13 100	48.6	72.6	11 600							42.0
44.0				8.0	52.8	11 500*	22.2	61.2	13 300*	34.9	67.4	12 300	44.3	70.7	10 900							44.0
46.0										29.0	64.2	11 600	39.6	68.5	10 200	47.9	70.7	9 000				46.0
48.0										21.7	60.0	10 900	34.4	65.8	9 600	43.5	68.8	8 400				48.0
50.0										10.4	53.0	10 200	28.3	62.5	9 100	38.7	66.5	7 900				50.0
52.0													20.8	58.2	8 600	33.4	63.7	7 400	42.4	66.4	6 400	52.0
54.0																27.2	60.3	7 000	37.5	64.0	6 000	54.0
56.0																19.2	55.7	6 600	32.0	61.1	5 600	56.0
58.0																			25.5	57.4	5 300	58.0
60.0																			16.8	52.3	5 000	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.5	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	21 500*													26.0
28.0	52.4	79.5	17 500*	59.3	81.8	19 600*	63.2	82.7	20 700*													28.0
30.0	48.6	77.9	16 700*	55.9	80.6	18 700*	59.9	81.7	19 800*													30.0
32.0	44.6	76.0	15 900*	52.3	79.1	17 800*	56.5	80.4	18 900*													32.0
34.0	40.4	73.8	15 100*	48.6	77.5	17 000*	53.0	79.0	18 000*	59.7	80.7	17 100										34.0
36.0	35.7	71.2	14 000*	44.6	75.6	16 200*	49.3	77.4	17 200*	56.3	79.4	15 900										36.0
38.0	30.3	68.1	13 000*	40.3	73.4	15 200*	45.3	75.5	16 400*	52.8	78.0	14 800										38.0
40.0	24.0	64.3	12 000*	35.6	70.8	14 000*	41.1	73.4	15 400	49.0	76.4	13 800	55.9	78.0	12 300							40.0
42.0	15.4	58.7	11 000*	30.3	67.7	12 900*	36.5	70.9	14 200*	45.1	74.5	12 900	52.4	76.6	11 500							42.0
44.0				23.9	63.8	12 000*	31.3	67.9	13 100*	40.8	72.4	12 100	48.6	74.9	10 800							44.0
46.0				15.3	58.2	11 100*	25.2	64.2	12 200*	36.2	69.8	11 400	44.6	73.0	10 100	51.7	74.7	8 800				46.0
48.0							17.2	59.1	11 300*	31.0	66.8	10 800	40.4	70.8	9 500	48.0	73.0	8 300				48.0
50.0										24.8	63.0	10 100	35.7	68.3	9 000	43.9	71.1	7 800				50.0
52.0										16.6	57.7	9 600	30.3	65.2	8 400	39.6	68.9	7 300	47.0	70.7	6 300	52.0
54.0													24.0	61.3	8 000	34.8	66.2	6 900	42.9	68.7	5 900	54.0
56.0													15.4	55.7	7 500	29.4	63.0	6 500	38.5	66.4	5 500	56.0
58.0																22.8	59.0	6 100	33.6	63.6	5 200	58.0
60.0																13.5	52.8	5 700	27.9	60.2	4 800	60.0
62.0																			20.9	55.8	4 600	62.0
64.0																			10.0	48.6	4 300	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	18 900*													28.0
30.0	52.1	81.8	15 100*	58.6	84.2	17 000*	62.3	85.1	18 100*													30.0
32.0	48.6	80.2	14 400*	55.4	82.9	16 200*	59.2	84.0	17 200*													32.0
34.0	45.0	78.3	13 700*	52.1	81.4	15 400*	56.0	82.7	16 400*	62.1	84.1	16 900										34.0
36.0	41.0	76.1	13 000*	48.6	79.8	14 600*	52.7	81.3	15 600*	59.0	83.0	15 700										36.0
38.0	36.7	73.7	12 400*	44.9	77.9	13 900*	49.2	79.7	14 800*	55.8	81.7	14 600										38.0
40.0	32.0	70.7	11 800*	41.0	75.7	13 200*	45.6	77.8	14 100*	52.5	80.3	13 600										40.0
42.0	26.5	67.2	11 000*	36.7	73.2	12 600*	41.7	75.8	13 400*	49.0	78.7	12 700	55.5	80.3	11 300							42.0
44.0	19.6	62.5	10 300*	31.9	70.3	11 800*	37.5	73.3	12 800*	45.4	76.8	12 000	52.1	78.9	10 500							44.0
46.0				26.4	66.7	11 000*	32.8	70.5	12 000*	41.5	74.7	11 200	48.6	77.2	9 900							46.0
48.0				19.5	62.0	10 200*	27.5	67.0	11 200*	37.2	72.3	10 600	45.0	75.3	9 300	51.6	77.0	8 100				48.0
50.0				8.3	53.9	9 200*	20.9	62.6	10 400*	32.5	69.4	10 000	41.0	73.2	8 700	48.0	75.3	7 600				50.0
52.0										27.1	65.9	9 400	36.7	70.7	8 300	44.3	73.4	7 100				52.0
54.0										20.5	61.4	8 900	32.0	67.8	7 800	40.3	71.2	6 700				54.0
56.0										10.3	54.1	8 400	26.5	64.2	7 300	36.0	68.7	6 300				56.0
58.0													19.6	59.5	6 900	31.1	65.7	5 900	43.4	71.0	5 300	58.0
60.0																25.4	61.9	5 600	39.3	68.7	5 000	60.0
62.0																18.2	56.9	5 300	34.8	66.1	4 700	62.0
64.0																			29.8	62.9	4 400	64.0
66.0																4.6	47.1	4 900	23.9	59.0	4 100	66.0
																			16.0	53.5	3 800	66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	15 800*													32.0
34.0	48.7	82.5	12 400*	55.0	85.2	14 100*	58.5	86.4	15 000*													34.0
36.0	45.2	80.6	11 700*	51.9	83.7	13 300*	55.6	85.1	14 300*	61.3	86.5	15 500										36.0
38.0	41.6	78.5	11 100*	48.6	82.1	12 600*	52.5	83.6	13 500*	58.4	85.4	14 600										38.0
40.0	37.7	76.1	10 500*	45.2	80.2	11 900*	49.2	82.0	12 800*	55.4	84.1	13 600										40.0
42.0	33.3	73.3	10 000*	41.5	78.1	11 300*	45.8	80.2	12 100*	52.3	82.6	12 700										42.0
44.0	28.5	69.9	9 500*	37.6	75.7	10 700*	42.2	78.1	11 500*	49.0	81.0	11 900	55.0	82.7	10 500							44.0
46.0	22.6	65.7	9 000*	33.3	72.8	10 100*	38.3	75.7	10 800*	45.6	79.1	11 200	51.9	81.2	9 800							46.0
48.0	14.8	59.8	8 500*	28.4	69.5	9 600*	34.1	73.0	10 300*	42.0	77.0	10 500	48.7	79.5	9 200							48.0
50.0				22.6	65.3	9 100*	29.3	69.8	9 800*	38.1	74.7	9 900	45.2	77.7	8 700							50.0
52.0				14.7	59.4	8 700*	23.7	65.7	9 300*	33.8	71.9	9 400	41.6	75.5	8 200	48.1	77.6	7 100				52.0
54.0							16.4	60.3	8 800*	29.0	68.6	8 900	37.7	73.1	7 700	44.6	75.7	6 700				54.0
56.0										23.3	64.6	8 400	33.3	70.3	7 300	40.9	73.6	6 200				56.0
58.0										15.9	58.9	7 900	28.5	67.0	6 900	37.0	71.1	5 900	43.8	73.3	4 900	58.0
60.0													22.6	62.8	6 500	32.6	68.2	5 600	40.0	71.1	4 600	60.0
62.0													14.8	56.9	6 200	27.6	64.8	5 200	35.9	68.5	4 300	62.0
64.0																21.5	60.4	4 900	31.4	65.5	4 100	64.0
66.0																13.1	54.0	4 600	26.2	61.9	3 800	66.0
68.0																			19.8	57.2	3 600	68.0
70.0																			10.0	49.7	3 300	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	74.5	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	12 900*													36.0
38.0	45.5	82.9	9 800*	51.7	86.0	11 300*	55.2	87.4	12 100*	60.5	88.9	13 400*										38.0
40.0	42.1	80.8	9 200*	48.6	84.4	10 600*	52.2	85.9	11 400*	57.8	87.7	12 700*										40.0
42.0	38.4	78.5	8 700*	45.4	82.5	10 000*	49.2	84.3	10 800*	55.0	86.4	12 100*										42.0
44.0	34.5	75.7	8 200*	42.0	80.4	9 300*	46.0	82.5	10 100*	52.1	84.9	11 400*										44.0
46.0	30.1	72.6	7 700*	38.4	78.0	8 800*	42.7	80.4	9 500*	49.0	83.3	10 700*	54.7	85.0	9 600*							46.0
48.0	25.0	68.7	7 300*	34.4	75.3	8 300*	39.1	78.1	8 900*	45.8	81.4	10 200*	51.7	83.5	9 000*							48.0
50.0	18.7	63.8	6 900*	30.0	72.2	7 800*	35.2	75.5	8 400*	42.5	79.4	9 600*	48.7	81.8	8 500*							50.0
52.0				24.9	68.3	7 300*	30.9	72.4	7 900*	38.8	77.0	9 000*	45.5	80.0	8 000*	51.2	81.6	6 900*				52.0
54.0				18.6	63.3	6 900*	25.9	68.7	7 500*	34.9	74.4	8 400*	42.1	77.9	7 500*	48.2	79.9	6 400*				54.0
56.0				8.6	55.0	6 600*	19.9	64.0	7 100*	30.6	71.3	8 000*	38.4	75.5	7 100*	44.9	78.0	6 000*				56.0
58.0										25.6	67.5	7 500*	34.5	72.8	6 700*	41.5	75.9	5 700*	47.4	77.6	4 700*	58.0
60.0										19.5	62.7	7 100*	30.1	69.6	6 300*	37.8	73.5	5 300*	44.1	75.6	4 400*	60.0
62.0										10.3	55.2	6 800*	25.0	65.8	6 000*	33.8	70.7	5 100*	40.6	73.5	4 100*	62.0
64.0													18.7	60.8	5 700*	29.3	67.5	4 800*	36.9	71.0	3 900*	64.0
66.0																24.1	63.5	4 500*	32.7	68.1	3 600*	66.0
68.0																17.4	58.2	4 200*	28.1	64.7	3 400*	68.0
70.0																5.6	48.4	3 900*	22.6	60.5	3 200*	70.0
72.0																			15.4	54.6	2 900*	72.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.5	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	11 500*										40.0
42.0	42.5	83.1	7 700*	48.7	86.7	8 900*	52.1	88.2	9 700*	57.3	90.1	10 900*										42.0
44.0	39.1	80.8	7 300*	45.6	84.8	8 400*	49.2	86.6	9 100*	54.6	88.7	10 300*										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	9 700*	57.0	88.7	9 500							46.0
48.0	31.5	75.2	6 300*	39.1	80.4	7 300*	43.1	82.7	8 000*	49.0	85.6	9 100*	54.4	87.3	8 900							48.0
50.0	26.9	71.6	5 900*	35.4	77.8	6 900*	39.7	80.5	7 500*	46.0	83.7	8 600*	51.6	85.8	8 400							50.0
52.0	21.5	67.2	5 400*	31.4	74.8	6 400*	36.1	77.9	7 000*	42.9	81.7	8 000*	48.7	84.1	7 800							52.0
54.0	14.4	61.0	5 000*	26.9	71.2	6 000*	32.2	75.0	6 500*	39.5	79.4	7 500*	45.7	82.3	7 400	51.1	83.9	6 300				54.0
56.0				21.5	66.7	5 500*	27.7	71.5	6 100*	35.9	76.8	7 000*	42.5	80.2	7 000	48.2	82.2	5 900				56.0
58.0				14.2	60.5	5 000*	22.5	67.2	5 600*	31.9	73.8	6 600*	39.1	77.9	6 600	45.2	80.4	5 600				58.0
60.0							15.8	61.5	5 100*	27.5	70.3	6 100*	35.5	75.3	6 200	42.0	78.2	5 200				60.0
62.0										22.2	66.0	5 600*	31.5	72.2	5 900	38.5	75.9	4 900	44.4	78.0	4 000	62.0
64.0										15.3	60.1	5 100*	26.9	68.7	5 500	34.8	73.2	4 600	41.1	75.8	3 700	64.0
66.0													21.5	64.2	5 200	30.7	70.1	4 300	37.7	73.4	3 500	66.0
68.0													14.4	58.0	4 900	26.1	66.4	4 100	33.9	70.6	3 200	68.0
70.0																20.5	61.8	3 800	29.7	67.4	3 000	70.0
72.0																12.8	55.1	3 600	24.8	63.5	2 800	72.0
74.0																			18.9	58.5	2 600	74.0
76.0																			10.0	50.7	2 400	76.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	58.1	69.3	40 700*b																			15.2
16.0	55.5	68.8	40 000*b																			16.0
18.0	48.7	67.2	36 700*																			18.0
20.0	41.1	65.2	31 600*	56.3	68.5	40 100b																20.0
22.0	32.0	62.5	27 700*	49.5	67.0	35 400b																22.0
24.0	19.7	58.4	24 600*	42.0	65.1	31 800	51.3	67.0	30 100b													24.0
26.0				33.2	62.5	28 100*	44.1	65.2	27 300	58.4	67.6	24 700b										26.0
28.0				21.5	58.6	24 900*	35.7	62.8	24 800	51.8	66.2	22 500b										28.0
30.0							25.0	59.4	22 700	44.6	64.4	20 600										30.0
32.0										36.3	62.0	19 000	51.9	64.9	17 000b							32.0
34.0										25.9	58.7	17 500	44.8	63.1	15 800							34.0
36.0										36.5	60.7	14 600										36.0
38.0										26.2	57.5	13 600				44.4	61.3	12 000				38.0
40.0																36.1	58.9	11 200				40.0
42.0																25.6	55.6	10 500				42.0
44.0																			43.4	59.0	9 100	44.0
46.0																			34.9	56.6	8 500	46.0
																			24.0	53.0	7 900	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	38 000b																20.0
22.0	42.1	67.5	27 600*	55.4	70.8	35 500b	62.3	72.0	33 400b													22.0
24.0	34.5	65.0	24 500*	49.5	69.3	31 700	56.9	70.8	29 900b													24.0
26.0	25.1	61.5	22 000*	42.9	67.4	28 100*	51.0	69.3	27 100	62.7	71.1	24 500b										26.0
28.0				35.5	64.9	24 900*	44.7	67.5	24 700	57.2	69.9	22 300b										28.0
30.0				26.3	61.6	22 200*	37.6	65.2	22 600	51.5	68.5	20 400										30.0
32.0				12.0	55.8	20 100*	29.0	62.2	20 800	45.2	66.7	18 800										32.0
34.0										38.1	64.4	17 400	51.6	67.2	15 500							34.0
36.0										45.3	65.4	14 400										36.0
38.0										29.6	61.5	16 200										38.0
40.0										18.0	56.9	15 000	38.2	63.1	13 400							40.0
42.0													29.8	60.2	12 500	45.0	63.6	11 000				42.0
44.0													18.3	55.7	11 700	37.9	61.3	10 300				44.0
46.0																29.4	58.3	9 600				46.0
48.0																			36.9	59.0	7 800	48.0
50.0																			28.2	55.9	7 200	50.0
																			15.5	50.9	6 800	50.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	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	34 400*b																20.0
22.0	48.7	71.8	27 800*	59.7	74.5	32 700*b	65.6	75.3	33 300b													22.0
24.0	42.9	69.9	24 500*	54.7	73.2	31 200	60.9	74.3	29 800													24.0
26.0	36.4	67.4	21 900*	49.4	71.6	28 000*	56.0	73.1	27 000													26.0
28.0	28.6	64.3	19 800*	43.6	69.7	24 800*	50.8	71.6	24 600	61.3	73.4	22 200b										28.0
30.0	18.0	59.7	18 000*	37.2	67.4	22 200*	45.2	69.8	22 500	56.4	72.2	20 300										30.0
32.0				29.6	64.3	20 000*	39.0	67.6	20 800	51.2	70.8	18 700										32.0
34.0				19.5	60.0	18 200*	31.7	64.8	19 200	45.6	69.0	17 300	56.5	70.9	15 400							34.0
36.0							22.6	60.9	17 800	39.4	66.8	16 000	51.3	69.5	14 300							36.0
38.0										32.3	64.0	15 000	45.7	67.7	13 300							38.0
40.0										23.3	60.2	14 000	39.6	65.5	12 400	51.1	67.7	10 800				40.0
42.0										32.4	62.8	11 600	32.4	62.8	11 600	45.5	65.9	10 100				42.0
44.0										23.5	59.0	10 900				39.2	63.7	9 500				44.0
46.0																32.1	60.9	8 900	44.7	63.6	7 600	46.0
48.0																23.0	57.1	8 300	38.4	61.4	7 200	48.0
50.0																			31.1	58.5	6 700	50.0
52.0																			21.6	54.5	6 300	52.0

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	71.3	80.0	32 900*b																			13.7
14.0	70.7	79.9	32 700*b																			14.0
16.0	66.6	79.2	31 200*b																			16.0
18.0	62.5	78.2	29 600*																			18.0
20.0	58.1	77.1	28 100*	67.1	78.9	31 900*b																20.0
22.0	53.6	75.7	26 700*	63.0	77.9	30 300*																22.0
24.0	48.8	74.1	24 500*	58.7	76.8	28 900*	64.1	77.8	29 600													24.0
26.0	43.6	72.2	21 800*	54.1	75.5	27 500*	59.8	76.7	26 800													26.0
28.0	37.8	69.8	19 700*	49.4	73.9	24 700*	55.3	75.4	24 400													28.0
30.0	31.1	66.9	17 900*	44.2	72.0	22 000*	50.6	73.9	22 300	60.1	75.8	20 100										30.0
32.0	22.8	63.0	16 300*	38.5	69.8	19 900*	45.6	72.1	20 600	55.7	74.6	18 500										32.0
34.0				32.0	66.9	18 000*	40.0	70.0	19 100	51.0	73.1	17 100										34.0
36.0				24.0	63.2	16 500*	33.8	67.3	17 700	46.0	71.3	15 900	55.8	73.2	14 000							36.0
38.0				11.7	56.9	15 100*	26.3	63.9	16 500	40.5	69.2	14 800	51.1	71.8	13 100							38.0
40.0										34.3	66.5	13 800	46.1	70.0	12 200							40.0
42.0										26.9	63.2	12 900	40.6	67.9	11 400	50.8	70.0	9 900				42.0
44.0										16.7	58.2	12 100	34.4	65.3	10 700	45.8	68.2	9 300				44.0
46.0													27.0	61.9	10 000	40.3	66.1	8 700				46.0
48.0													17.0	57.0	9 400	34.1	63.4	8 100	45.1	66.0	6 900	48.0
50.0																26.6	60.0	7 600	39.6	63.8	6 500	50.0
52.0																			33.2	61.1	6 100	52.0
54.0																			25.6	57.5	5 700	54.0
56.0																			14.6	52.0	5 300	56.0

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	73.0	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	29 700*b																20.0
22.0	57.3	79.4	25 600*	65.6	81.3	28 600*																22.0
24.0	53.2	78.0	24 400*	61.8	80.3	27 500*																24.0
26.0	48.8	76.4	22 300*	57.8	79.2	26 300*	62.8	80.2	26 700													26.0
28.0	44.1	74.5	20 100*	53.7	77.8	25 000*	58.9	79.1	24 400													28.0
30.0	38.9	72.2	18 300*	49.3	76.2	22 700*	54.8	77.8	22 300													30.0
32.0	33.1	69.5	16 800*	44.7	74.3	20 400*	50.5	76.2	20 600	59.2	78.2	18 500										32.0
34.0	26.2	66.0	15 400*	39.6	72.1	18 500*	45.9	74.4	19 100	55.1	76.9	17 100										34.0
36.0	16.8	60.9	14 000*	33.8	69.4	16 900*	40.9	72.3	17 700	50.8	75.4	15 800										36.0
38.0				27.1	66.0	15 600*	35.4	69.8	16 500	46.2	73.6	14 700										38.0
40.0				18.2	61.2	14 300*	29.0	66.6	15 400	41.3	71.5	13 800	50.9	74.1	12 200							40.0
42.0							20.9	62.3	14 500	35.8	69.0	12 900	46.3	72.3	11 400							42.0
44.0										29.5	65.9	12 100	41.4	70.2	10 700							44.0
46.0										21.5	61.7	11 400	35.9	67.7	10 000							46.0
48.0													29.6	64.6	9 400	46.1	70.5	8 700				48.0
50.0													21.7	60.4	8 900	41.2	68.4	8 100				50.0
52.0																29.3	62.8	7 200	40.5	66.1	6 100	52.0
54.0																21.3	58.5	6 800	34.9	63.5	5 700	54.0
56.0																			28.4	60.3	5 400	56.0
58.0																			20.0	55.8	5 000	58.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.5	86.4	24 800*																			13.7
14.0	74.0	86.3	24 700*																			14.0
16.0	70.7	85.7	24 100*																			16.0
18.0	67.3	84.9	23 500*																			18.0
20.0	63.9	84.0	23 000*																			20.0
22.0	60.4	83.0	21 900*	67.7	84.6	24 100*																22.0
24.0	56.7	81.7	20 800*	64.3	83.7	23 400*																24.0
26.0	52.8	80.3	19 900*	60.8	82.7	22 400*	65.2	83.6	23 500*													26.0
28.0	48.8	78.7	18 900*	57.1	81.5	21 300*	61.7	82.6	22 600*													28.0
30.0	44.5	76.8	18 100*	53.3	80.1	20 300*	58.1	81.4	21 600*													30.0
32.0	39.8	74.6	16 800*	49.3	78.5	19 400*	54.3	80.1	20 400													32.0
34.0	34.7	72.0	15 400*	45.0	76.7	18 400*	50.4	78.5	18 900	58.4	80.5	16 800										34.0
36.0	28.7	68.7	14 200*	40.4	74.5	17 000*	46.2	76.8	17 500	54.6	79.2	15 600										36.0
38.0	21.3	64.4	13 100*	35.3	71.9	15 600*	41.6	74.7	16 300	50.6	77.7	14 600										38.0
40.0				29.4	68.8	14 300*	36.7	72.2	15 300	46.5	75.9	13 600	54.7	77.9	11 900							40.0
42.0				22.3	64.6	13 300*	31.1	69.2	14 300	42.0	73.9	12 700	50.7	76.4	11 200							42.0
44.0				11.4	58.0	12 200*	24.3	65.4	13 500	37.1	71.4	12 000	46.6	74.6	10 500							44.0
46.0										31.5	68.5	11 200	42.1	72.6	9 800	50.5	74.6	8 400				46.0
48.0										24.8	64.8	10 600	37.2	70.1	9 200	46.4	72.8	7 900				48.0
50.0										15.8	59.4	9 900	31.6	67.2	8 700	41.9	70.8	7 500				50.0
52.0													25.0	63.5	8 200	36.9	68.3	7 000	45.8	70.6	5 900	52.0
54.0													16.0	58.2	7 700	31.3	65.4	6 600	41.3	68.5	5 500	54.0
56.0																24.6	61.6	6 200	36.2	66.0	5 100	56.0
58.0																			30.6	62.9	4 800	58.0
60.0																			23.7	59.0	4 500	60.0
62.0																			13.9	53.2	4 200	62.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.7	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	21 600*													26.0
28.0	52.6	82.6	17 500*	59.9	85.1	19 700*	64.1	86.0	20 800*													28.0
30.0	48.8	81.0	16 700*	56.5	83.8	18 800*	60.8	85.0	19 900*													30.0
32.0	44.9	79.1	15 900*	53.0	82.4	17 900*	57.4	83.8	19 000*													32.0
34.0	40.6	77.0	15 200*	49.3	80.8	17 100*	53.9	82.4	18 200*	61.0	84.1	16 700										34.0
36.0	35.9	74.4	14 100*	45.3	79.0	16 300*	50.3	80.8	17 300	57.7	82.9	15 500										36.0
38.0	30.6	71.4	13 000*	41.1	76.8	15 400*	46.4	79.1	16 200	54.2	81.5	14 400										38.0
40.0	24.4	67.5	12 100*	36.5	74.3	14 200*	42.2	77.0	15 100	50.5	80.0	13 500										40.0
42.0	16.0	62.1	11 100*	31.3	71.4	13 100*	37.7	74.6	14 200	46.7	78.2	12 600	54.2	80.2	11 000							42.0
44.0				25.2	67.7	12 200*	32.7	71.8	13 300	42.5	76.2	11 800	50.6	78.7	10 300							44.0
46.0				17.2	62.5	11 300*	26.9	68.3	12 400*	38.1	73.8	11 100	46.7	76.9	9 700							46.0
48.0							19.6	63.6	11 600*	33.1	71.0	10 500	42.6	74.9	9 100	50.4	76.9	7 800				48.0
50.0										27.4	67.6	9 900	38.2	72.5	8 600	46.6	75.1	7 300				50.0
52.0										20.2	63.1	9 300	33.2	69.8	8 100	42.4	73.1	6 900				52.0
54.0													27.5	66.3	7 600	38.0	70.7	6 400	46.1	72.9	5 300	54.0
56.0													20.3	61.8	7 200	33.0	67.9	6 100	41.9	70.8	5 000	56.0
58.0																27.2	64.5	5 700	37.4	68.4	4 700	58.0
60.0																20.0	59.9	5 400	32.3	65.5	4 400	60.0
62.0																			26.4	62.0	4 100	62.0
64.0																			18.9	57.2	3 900	64.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	74.7	92.3	21 200*																			15.2
16.0	73.5	92.1	21 100*																			16.0
18.0	70.7	91.5	20 400*																			18.0
20.0	67.9	90.7	19 500*																			20.0
22.0	64.9	89.8	18 600*																			22.0
24.0	61.9	88.8	17 700*	68.2	90.4	19 700*																24.0
26.0	58.8	87.7	16 800*	65.3	89.5	18 900*																26.0
28.0	55.6	86.4	16 000*	62.3	88.6	18 000*	66.0	89.4	19 000*													28.0
30.0	52.3	84.9	15 200*	59.2	87.4	17 200*	63.1	88.4	18 200*													30.0
32.0	48.8	83.3	14 400*	56.0	86.2	16 300*	60.0	87.3	17 400*													32.0
34.0	45.2	81.4	13 700*	52.7	84.7	15 500*	56.9	86.1	16 600*													34.0
36.0	41.2	79.3	13 000*	49.3	83.1	14 700*	53.6	84.7	15 800*	60.2	86.4	15 300										36.0
38.0	37.0	76.8	12 400*	45.6	81.3	14 000*	50.2	83.1	15 000*	57.1	85.2	14 200										38.0
40.0	32.3	73.9	11 800*	41.7	79.2	13 300*	46.6	81.4	14 300*	53.8	83.8	13 200										40.0
42.0	26.8	70.4	11 100*	37.5	76.8	12 700*	42.8	79.3	13 600*	50.4	82.3	12 400										42.0
44.0	20.0	65.8	10 300*	32.8	73.9	12 000*	38.6	77.0	12 900*	46.8	80.5	11 600	53.9	82.5	10 100							44.0
46.0				27.5	70.5	11 100*	34.1	74.3	12 300*	43.0	78.5	10 900	50.5	81.0	9 500							46.0
48.0				20.9	66.0	10 400*	29.0	71.0	11 400*	38.9	76.2	10 300	46.9	79.2	8 900							48.0
50.0				11.3	59.1	9 600*	22.8	66.9	10 600*	34.4	73.5	9 700	43.1	77.2	8 400	50.3	79.2	7 100				50.0
52.0										29.4	70.3	9 200	39.0	74.9	7 900	46.7	77.4	6 600				52.0
54.0										23.3	66.3	8 600	34.5	72.2	7 400	42.9	75.4	6 200				54.0
56.0										15.1	60.5	8 100	29.5	69.0	7 000	38.8	73.1	5 900				56.0
58.0													23.4	65.0	6 600	34.3	70.4	5 500	42.4	73.1	4 500	58.0
60.0													15.3	59.3	6 200	29.2	67.2	5 200	38.3	70.8	4 200	60.0
62.0																23.1	63.1	4 900	33.7	68.0	3 900	62.0
64.0																14.9	57.3	4 600	28.5	64.7	3 700	64.0
66.0																			22.2	60.5	3 400	66.0
68.0																			13.5	54.3	3 200	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	16 700*													30.0
32.0	52.1	87.2	13 200*	58.6	89.8	15 000*	62.2	90.8	16 000*													32.0
34.0	48.8	85.6	12 400*	55.6	88.5	14 200*	59.3	89.7	15 200*													34.0
36.0	45.4	83.7	11 800*	52.5	87.0	13 500*	56.4	88.4	14 400*													36.0
38.0	41.8	81.6	11 200*	49.2	85.4	12 700*	53.3	87.0	13 700*	59.5	88.8	14 200										38.0
40.0	37.9	79.2	10 600*	45.8	83.6	12 100*	50.1	85.4	13 000*	56.6	87.5	13 200										40.0
42.0	33.6	76.5	10 000*	42.2	81.5	11 400*	46.7	83.7	12 300*	53.5	86.1	12 300										42.0
44.0	28.7	73.2	9 500*	38.4	79.2	10 800*	43.2	81.7	11 700*	50.3	84.6	11 600										44.0
46.0	23.0	69.0	9 000*	34.1	76.4	10 300*	39.4	79.4	11 100*	47.0	82.8	10 900	53.6	84.8	9 400							46.0
48.0	15.4	63.3	8 600*	29.3	73.2	9 700*	35.3	76.8	10 500*	43.5	80.8	10 200	50.4	83.3	8 800							48.0
50.0				23.7	69.2	9 300*	30.7	73.7	9 900*	39.7	78.6	9 600	47.0	81.5	8 300							50.0
52.0				16.4	63.7	8 800*	25.3	69.9	9 400*	35.6	76.0	9 100	43.5	79.5	7 800	50.2	81.5	6 600				52.0
54.0							18.6	64.9	9 000*	31.0	72.9	8 600	39.7	77.3	7 400	46.9	79.7	6 200				54.0
56.0										25.7	69.2	8 100	35.6	74.7	7 000	43.4	77.8	5 800				56.0
58.0										19.1	64.4	7 700	31.1	71.7	6 600	39.6	75.5	5 500	46.5	77.5	4 400	58.0
60.0													25.8	68.0	6 200	35.5	72.9	5 200	42.9	75.5	4 100	60.0
62.0													19.3	63.2	5 800	30.9	69.8	4 800	39.1	73.2	3 900	62.0
64.0													9.0	55.2	5 500	25.6	66.1	4 600	34.9	70.5	3 600	64.0
66.0																18.9	61.2	4 300	30.2	67.4	3 400	66.0
68.0																			24.8	63.5	3 100	68.0
70.0																			17.9	58.4	3 000	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	74.7	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	13 800*													34.0
36.0	48.9	87.9	10 500*	55.2	90.8	12 100*	58.7	92.0	13 000*													36.0
38.0	45.7	86.0	9 900*	52.3	89.3	11 400*	55.9	90.8	12 300*													38.0
40.0	42.3	84.0	9 300*	49.2	87.7	10 700*	53.0	89.3	11 600*	58.9	91.1	12 900										40.0
42.0	38.6	81.6	8 700*	46.0	85.9	10 100*	50.0	87.7	11 000*	56.1	89.9	12 200										42.0
44.0	34.7	78.9	8 200*	42.7	83.8	9 500*	46.9	86.0	10 300*	53.2	88.5	11 400										44.0
46.0	30.3	75.8	7 700*	39.1	81.5	8 900*	43.6	84.0	9 700*	50.2	86.9	10 700	56.2	88.6	9 200							46.0
48.0	25.3	72.0	7 300*	35.2	78.9	8 400*	40.0	81.7	9 100*	47.1	85.1	10 000	53.3	87.1	8 600							48.0
50.0	19.1	67.1	6 900*	30.9	75.8	7 900*	36.2	79.2	8 600*	43.8	83.2	9 500	50.3	85.6	8 100							50.0
52.0				25.9	72.1	7 500*	32.1	76.3	8 100*	40.3	80.9	8 900	47.2	83.8	7 600							52.0
54.0				19.9	67.4	7 000*	27.3	72.7	7 600*	36.5	78.4	8 400	43.9	81.9	7 200	50.2	83.8	6 000				54.0
56.0				11.1	60.2	6 700*	21.6	68.3	7 200*	32.4	75.5	8 000	40.4	79.6	6 800	47.0	82.0	5 600				56.0
58.0										27.7	72.0	7 500	36.6	77.1	6 400	43.7	80.1	5 200				58.0
60.0										22.1	67.7	7 100	32.5	74.2	6 000	40.2	77.9	4 900	46.6	79.8	3 900	60.0
62.0										14.6	61.7	6 700	27.8	70.8	5 700	36.4	75.3	4 600	43.3	77.8	3 600	62.0
64.0													22.2	66.5	5 300	32.3	72.4	4 400	39.7	75.5	3 400	64.0
66.0													14.8	60.5	5 100	27.5	68.9	4 100	35.9	73.0	3 200	66.0
68.0																21.9	64.6	3 900	31.7	70.0	3 000	68.0
70.0																14.4	58.5	3 600	26.9	66.4	2 700	70.0
72.0																			21.1	61.9	2 500	72.0
74.0																			13.1	55.4	2 300	74.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.6	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	11 800*										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	11 200*										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	10 500*										44.0
46.0	35.7	81.4	6 800*	43.1	86.2	7 900*	47.0	88.3	8 700*	53.0	90.8	9 900*										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	9 300*	55.8	90.9	8 500							48.0
50.0	27.2	74.9	6 000*	36.1	81.3	7 000*	40.6	84.1	7 600*	47.2	87.4	8 800*	53.0	89.5	7 900							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	8 200*	50.2	87.9	7 500							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	7 700*	47.3	86.1	7 000							54.0
56.0				22.6	70.7	5 600*	29.0	75.5	6 200*	37.3	80.8	7 200*	44.2	84.2	6 600	50.1	86.1	5 500				56.0
58.0				15.8	64.9	5 100*	24.0	71.5	5 700*	33.5	78.0	6 700*	40.9	82.0	6 200	47.1	84.4	5 100				58.0
60.0							17.8	66.2	5 300*	29.3	74.7	6 300*	37.4	79.5	5 900	44.0	82.4	4 800				60.0
62.0										24.4	70.8	5 800*	33.6	76.7	5 500	40.8	80.2	4 500				62.0
64.0										18.3	65.7	5 300*	29.4	73.5	5 300	37.3	77.7	4 200	43.6	80.1	3 300	64.0
66.0													24.5	69.5	5 000	33.4	74.9	4 000	40.3	77.9	3 000	66.0
68.0													18.5	64.5	4 700	29.2	71.6	3 700	36.8	75.4	2 800	68.0
70.0													9.2	56.3	4 400	24.2	67.6	3 500	32.9	72.5	2 600	70.0
72.0																18.1	62.5	3 300	28.6	69.1	2 400	72.0
74.0																			23.6	65.1	2 200	74.0
76.0																			17.2	59.7	2 100	76.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m		
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg			
15.2	58.4	72.4	40 500*b	57.4	71.8	39 700b	59.6	71.8	33 200b															
16.0	55.8	71.9	39 800*b																					
18.0	49.1	70.3	36 900*b																					
20.0	41.5	68.4	31 900*																					
22.0	32.6	65.7	27 900*																					
24.0	20.5	61.7	24 700*	43.5	68.5	31 600	53.1	70.4	29 700b															
26.0				35.0	66.0	28 500	46.1	68.7	26 900													60.8	71.0	24 200b
28.0				24.1	62.5	25 500*	38.0	66.5	24 500													54.5	69.7	22 000b
30.0							28.2	63.5	22 400													47.5	68.1	20 200
32.0							12.8	58.1	20 600													39.8	66.0	18 600
34.0							30.4	63.1	17 200	48.6	66.9	15 200b												
36.0							17.0	58.6	15 900	41.0	64.9	14 100												
38.0										31.9	62.2	13 100												
40.0										19.5	58.0	12 200	41.6	63.3	10 700									
42.0										32.7	60.7	10 000	20.7	56.7	9 300									
44.0																								
46.0																								
48.0																								

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	62.7	75.9	37 500*b																			15.2
16.0	60.6	75.5	36 800*b																			16.0
18.0	55.0	74.2	35 000*																			18.0
20.0	49.0	72.6	31 900*	61.9	75.3	38 100b																20.0
22.0	42.5	70.7	27 800*	56.4	74.1	35 200b	63.7	75.2	33 000b													22.0
24.0	35.0	68.2	24 700*	50.6	72.6	31 400	58.3	74.1	29 500b													24.0
26.0	25.6	64.8	22 100*	44.2	70.8	28 400	52.6	72.7	26 700													26.0
28.0				37.0	68.5	25 400*	46.4	71.0	24 400	59.4	73.3	21 800b										28.0
30.0				28.2	65.3	22 700*	39.5	68.9	22 300	53.8	72.0	19 900										30.0
32.0				15.6	60.4	20 500*	31.4	66.1	20 500	47.7	70.4	18 400										32.0
34.0							20.7	62.0	19 000	41.0	68.3	17 000	54.6	70.8	15 000							34.0
36.0										33.2	65.7	15 800	48.7	69.2	13 900							36.0
38.0										23.3	62.0	14 700	42.0	67.2	12 900							38.0
40.0													34.4	64.7	12 000	49.1	67.6	10 400				40.0
42.0													24.9	61.2	11 300	42.6	65.6	9 700				42.0
44.0													8.6	54.6	10 500	35.1	63.1	9 100				44.0
46.0																25.8	59.7	8 500	42.5	63.5	7 200	46.0
48.0																			35.0	61.0	6 700	48.0
50.0																			25.7	57.6	6 300	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	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	34 300*b																20.0
22.0	49.0	74.9	28 000*	60.6	77.7	32 800*b																22.0
24.0	43.2	73.0	24 600*	55.6	76.5	31 100	62.2	77.6	29 400b													24.0
26.0	36.7	70.6	22 000*	50.4	74.9	28 300	57.3	76.5	26 600													26.0
28.0	29.0	67.5	19 900*	44.8	73.1	25 400*	52.2	75.1	24 300													28.0
30.0	18.7	63.0	18 100*	38.5	70.9	22 600*	46.7	73.3	22 200	58.3	75.7	19 800										30.0
32.0				31.1	68.0	20 400*	40.7	71.3	20 500	53.3	74.3	18 200										32.0
34.0				21.7	64.0	18 500*	33.8	68.6	19 000	47.9	72.7	16 900										34.0
36.0							25.3	65.1	17 600	41.9	70.7	15 700	54.0	73.1	13 800							36.0
38.0							12.3	59.2	16 400	35.2	68.2	14 600	48.7	71.5	12 800							38.0
40.0										27.2	64.9	13 600	42.9	69.6	11 900							40.0
42.0										15.7	59.8	12 700	36.3	67.2	11 200	49.1	69.9	9 600				42.0
44.0													28.5	64.0	10 500	43.3	68.0	9 000				44.0
46.0													17.9	59.3	9 800	36.8	65.6	8 400				46.0
48.0																29.2	62.5	7 900	43.3	65.8	6 600	48.0
50.0																18.9	58.0	7 400	36.8	63.4	6 200	50.0
52.0																			29.1	60.3	5 800	52.0
54.0																			18.8	55.8	5 400	54.0

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	71.5	83.1	32 000*																			13.7
14.0	70.9	83.0	31 900*																			14.0
16.0	66.9	82.2	31 100*																			16.0
18.0	62.7	81.3	29 400*																			18.0
20.0	58.4	80.2	28 000*	67.9	82.0	31 800*																20.0
22.0	53.8	78.8	26 600*	63.8	81.1	30 400*																22.0
24.0	49.0	77.2	24 600*	59.5	80.1	29 000*	65.2	81.0	29 200													24.0
26.0	43.8	75.3	21 900*	55.0	78.8	27 600*	60.9	80.0	26 400													26.0
28.0	38.1	73.0	19 700*	50.3	77.2	25 400*	56.5	78.8	24 000													28.0
30.0	31.5	70.2	17 900*	45.2	75.4	22 500*	51.9	77.4	22 000													30.0
32.0	23.4	66.3	16 400*	39.6	73.2	20 300*	47.0	75.6	20 300	57.4	78.0	18 100										32.0
34.0				33.3	70.5	18 400*	41.6	73.6	18 800	52.9	76.6	16 600										34.0
36.0				25.6	67.0	16 800*	35.5	71.1	17 400	48.0	75.0	15 500										36.0
38.0				14.7	61.5	15 400*	28.4	67.9	16 200	42.7	73.0	14 400	53.5	75.4	12 600							38.0
40.0							19.1	63.3	15 200	36.8	70.6	13 400	48.7	73.8	11 700							40.0
42.0										30.0	67.6	12 600	43.5	71.9	11 000							42.0
44.0										21.3	63.4	11 800	37.7	69.6	10 300	49.1	72.2	8 800				44.0
46.0													31.1	66.6	9 600	43.9	70.3	8 200				46.0
48.0													22.7	62.7	9 000	38.2	68.0	7 700				48.0
50.0													8.9	55.7	8 400	31.6	65.1	7 200	43.9	68.1	6 000	50.0
52.0																23.5	61.3	6 800	38.1	65.8	5 600	52.0
54.0																			31.6	62.9	5 200	54.0
56.0																			23.4	59.1	4 900	56.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	73.2	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	25 000*																24.0
26.0	49.0	79.5	21 500*	58.6	82.4	24 300*	63.8	83.5	25 100													26.0
28.0	44.3	77.7	20 500*	54.5	81.1	23 200*	59.9	82.4	24 200													28.0
30.0	39.2	75.4	18 700*	50.2	79.5	22 200*	55.9	81.1	22 000													30.0
32.0	33.4	72.7	17 100*	45.5	77.7	21 100*	51.7	79.7	20 300													32.0
34.0	26.6	69.2	15 700*	40.5	75.6	19 100*	47.1	77.9	18 800	56.7	80.4	16 700										34.0
36.0	17.5	64.3	14 300*	35.0	73.0	17 400*	42.3	75.9	17 400	52.5	78.9	15 500										36.0
38.0				28.4	69.8	16 000*	36.9	73.5	16 300	48.1	77.3	14 400										38.0
40.0				20.1	65.3	14 700*	30.8	70.5	15 200	43.3	75.3	13 400	53.1	77.7	11 700							40.0
42.0							23.3	66.6	14 300	38.0	73.0	12 600	48.7	76.1	10 900							42.0
44.0							11.9	60.3	13 400	32.1	70.1	11 800	44.0	74.2	10 300							44.0
46.0										24.9	66.5	11 100	38.9	71.9	9 600	49.1	74.5	8 200				46.0
48.0										14.9	60.9	10 400	33.0	69.2	9 000	44.4	72.6	7 700				48.0
50.0													26.1	65.7	8 500	39.3	70.4	7 200				50.0
52.0										16.7	60.6	8 000				33.5	67.6	6 800	44.4	70.4	5 500	52.0
54.0																26.7	64.2	6 400	39.2	68.2	5 200	54.0
56.0																17.6	59.3	6 000	33.5	65.5	4 900	56.0
58.0																			26.6	62.0	4 600	58.0
60.0																			17.5	57.1	4 300	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.6	89.5	24 400*																			13.7
14.0	74.2	89.4	24 300*																			14.0
16.0	70.9	88.8	23 700*																			16.0
18.0	67.5	88.0	23 200*																			18.0
20.0	64.1	87.1	22 700*																			20.0
22.0	60.6	86.1	21 800*	68.4	87.8	23 700*																22.0
24.0	56.9	84.9	20 800*	65.0	86.9	23 300*																24.0
26.0	53.1	83.5	19 900*	61.5	85.9	22 400*	66.1	86.8	23 300*													26.0
28.0	49.0	81.8	18 900*	57.8	84.8	21 400*	62.7	85.9	22 700*													28.0
30.0	44.7	80.0	18 100*	54.0	83.4	20 400*	59.1	84.7	21 700													30.0
32.0	40.1	77.8	16 900*	50.1	81.8	19 500*	55.3	83.5	20 100													32.0
34.0	34.9	75.2	15 500*	45.8	80.0	18 600*	51.4	82.0	18 600	59.8	83.9	16 400										34.0
36.0	29.0	72.0	14 300*	41.3	77.9	17 300*	47.3	80.3	17 300	56.1	82.7	15 200										36.0
38.0	21.7	67.7	13 200*	36.3	75.5	15 800*	42.9	78.3	16 100	52.2	81.2	14 200										38.0
40.0				30.6	72.4	14 600*	38.0	75.9	15 000	48.2	79.6	13 200	56.6	81.5	11 500							40.0
42.0				23.7	68.5	13 500*	32.6	73.1	14 100	43.8	77.6	12 400	52.8	80.1	10 700							42.0
44.0				14.1	62.7	12 500*	26.3	69.5	13 200	39.1	75.4	11 600	48.8	78.4	10 000							44.0
46.0							17.9	64.6	12 500	33.8	72.7	10 900	44.5	76.5	9 400							46.0
48.0										27.6	69.3	10 300	39.8	74.3	8 900	49.1	76.8	7 400				48.0
50.0										19.9	64.8	9 700	34.6	71.7	8 300	44.8	74.9	7 000				50.0
52.0													28.6	68.4	7 800	40.2	72.7	6 600				52.0
54.0													21.2	64.1	7 400	35.0	70.1	6 200	44.8	72.7	5 000	54.0
56.0													9.2	56.7	6 900	29.1	66.9	5 800	40.1	70.6	4 700	56.0
58.0																21.8	62.7	5 500	35.0	68.0	4 400	58.0
60.0																			29.1	64.8	4 100	60.0
62.0																			21.7	60.5	3 800	62.0
64.0																			10.4	53.6	3 500	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.9	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	19 800*	64.9	89.3	20 800*													28.0
30.0	49.0	84.1	16 700*	57.2	87.1	18 900*	61.7	88.2	20 000*													30.0
32.0	45.1	82.3	16 000*	53.7	85.7	18 000*	58.3	87.1	19 200*													32.0
34.0	40.8	80.1	15 200*	50.0	84.2	17 200*	54.9	85.8	18 300													34.0
36.0	36.2	77.6	14 200*	46.1	82.4	16 500*	51.2	84.3	17 100	59.0	86.3	15 100										36.0
38.0	30.9	74.6	13 100*	41.9	80.3	15 600*	47.4	82.6	16 000	55.6	85.0	14 100										38.0
40.0	24.8	70.8	12 100*	37.4	77.9	14 400*	43.4	80.6	14 900	52.0	83.6	13 100										40.0
42.0	16.6	65.5	11 100*	32.3	75.0	13 300*	39.0	78.3	14 000	48.2	81.9	12 300	56.1	83.8	10 600							42.0
44.0				26.4	71.4	12 300*	34.1	75.6	13 100	44.2	80.0	11 500	52.5	82.4	9 900							44.0
46.0				18.9	66.7	11 500*	28.6	72.3	12 400	39.9	77.7	10 800	48.8	80.7	9 300							46.0
48.0							21.8	68.1	11 700	35.1	75.1	10 200	44.8	78.8	8 700							48.0
50.0							11.7	61.4	10 900	29.7	72.0	9 600	40.5	76.7	8 200	49.1	79.1	6 800				50.0
52.0										23.3	68.0	9 000	35.9	74.1	7 700	45.1	77.2	6 400				52.0
54.0										14.3	62.1	8 500	30.6	71.1	7 200	40.9	75.1	6 000				54.0
56.0													24.3	67.2	6 800	36.2	72.6	5 600	45.1	75.1	4 500	56.0
58.0													15.9	61.8	6 500	31.0	69.6	5 300	40.8	72.9	4 200	58.0
60.0																24.8	65.8	5 000	36.2	70.4	4 000	60.0
62.0																16.7	60.5	4 700	31.0	67.4	3 700	62.0
64.0																			24.8	63.6	3 400	64.0
66.0																			16.6	58.3	3 200	66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	74.8	95.4	20 900*																			15.2
16.0	73.7	95.2	20 700*																			16.0
18.0	70.9	94.5	20 200*																			18.0
20.0	68.0	93.8	19 400*																			20.0
22.0	65.1	92.9	18 500*																			22.0
24.0	62.1	91.9	17 600*	68.7	93.6	19 700*																24.0
26.0	59.0	90.8	16 800*	65.8	92.7	18 900*																26.0
28.0	55.8	89.5	16 000*	62.8	91.8	18 100*	66.8	92.6	19 000*													28.0
30.0	52.5	88.1	15 200*	59.8	90.7	17 200*	63.9	91.7	18 300*													30.0
32.0	49.0	86.4	14 500*	56.6	89.4	16 500*	60.8	90.6	17 500*													32.0
34.0	45.4	84.6	13 700*	53.3	88.0	15 600*	57.7	89.4	16 800*													34.0
36.0	41.5	82.5	13 100*	49.9	86.5	14 900*	54.5	88.1	16 000*	61.4	89.8	14 900										36.0
38.0	37.2	80.0	12 500*	46.3	84.7	14 200*	51.1	86.6	15 200*	58.3	88.7	13 800										38.0
40.0	32.5	77.2	11 800*	42.5	82.6	13 500*	47.5	84.9	14 500*	55.1	87.3	12 900										40.0
42.0	27.1	73.7	11 100*	38.3	80.3	12 800*	43.8	82.9	13 800	51.8	85.9	12 100										42.0
44.0	20.5	69.1	10 300*	33.7	77.5	12 100*	39.8	80.7	13 000	48.3	84.2	11 300	55.6	86.1	9 700							44.0
46.0				28.6	74.2	11 300*	35.4	78.1	12 200	44.6	82.3	10 600	52.3	84.7	9 000							46.0
48.0				22.3	70.0	10 500*	30.4	75.0	11 500	40.6	80.1	10 000	48.8	83.0	8 500							48.0
50.0				13.6	63.8	9 800*	24.6	71.1	10 800	36.3	77.6	9 400	45.1	81.2	8 000							50.0
52.0							17.0	65.9	10 000*	31.5	74.6	8 900	41.2	79.0	7 500	49.1	81.4	6 200				52.0
54.0										25.8	70.9	8 400	36.9	76.6	7 100	45.4	79.5	5 800				54.0
56.0										18.8	66.1	7 900	32.2	73.7	6 700	41.5	77.4	5 500				56.0
58.0													26.7	70.1	6 300	37.3	75.0	5 100				58.0
60.0													20.0	65.5	5 900	32.6	72.1	4 800	45.4	75.2	4 000	60.0
62.0													9.3	57.8	5 600	27.2	68.6	4 500	37.2	72.8	3 400	62.0
64.0																20.6	64.1	4 200	32.5	69.9	3 200	64.0
66.0																			27.1	66.5	3 000	66.0
68.0																			20.5	61.9	2 800	68.0
70.0																			10.4	54.7	2 500	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
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	16 800*													30.0
32.0	52.3	90.4	13 200*	59.1	93.0	15 100*	62.9	94.1	16 100*													32.0
34.0	49.0	88.7	12 500*	56.1	91.8	14 300*	60.1	93.0	15 300*													34.0
36.0	45.6	86.9	11 800*	53.1	90.3	13 600*	57.1	91.8	14 600*													36.0
38.0	42.0	84.8	11 200*	49.8	88.8	12 900*	54.1	90.4	13 900*	60.7	92.2	13 800										38.0
40.0	38.1	82.4	10 600*	46.5	87.0	12 200*	51.0	88.9	13 200*	57.7	91.0	12 800										40.0
42.0	33.8	79.7	10 100*	42.9	84.9	11 600*	47.6	87.2	12 500*	54.7	89.7	12 000										42.0
44.0	29.0	76.4	9 600*	39.1	82.6	11 000*	44.2	85.2	11 900*	51.6	88.2	11 300										44.0
46.0	23.3	72.3	9 100*	34.9	80.0	10 400*	40.4	83.0	11 300*	48.3	86.5	10 600	55.2	88.4	9 000							46.0
48.0	15.8	66.7	8 700*	30.3	76.9	9 900*	36.4	80.5	10 700*	44.9	84.6	9 900	52.1	87.0	8 500							48.0
50.0				24.9	73.0	9 400*	31.9	77.5	10 100*	41.2	82.4	9 400	48.8	85.3	7 900							50.0
52.0				18.0	67.9	8 900*	26.8	74.0	9 600*	37.2	80.0	8 800	45.4	83.5	7 500	52.3	85.3	6 100				52.0
54.0							20.6	69.4	9 100*	32.9	77.1	8 300	41.8	81.4	7 000	49.1	83.7	5 800				54.0
56.0							11.5	62.5	8 700*	27.9	73.7	7 900	37.8	79.0	6 600	45.7	81.8	5 400				56.0
58.0										22.0	69.4	7 500	33.5	76.2	6 200	42.0	79.7	5 100				58.0
60.0										13.8	63.2	7 000	28.7	72.9	5 900	38.1	77.4	4 800	45.6	79.7	3 700	60.0
62.0													22.9	68.7	5 500	33.9	74.6	4 500	42.0	77.6	3 400	62.0
64.0													15.3	62.9	5 300	29.1	71.4	4 200	38.1	75.2	3 200	64.0
66.0																23.4	67.3	3 900	33.8	72.5	3 000	66.0
68.0																16.0	61.7	3 700	29.0	69.2	2 800	68.0
70.0																			23.4	65.1	2 500	70.0
72.0																			15.9	59.5	2 400	72.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	74.8	101.3	17 800*																			16.8
18.0	73.3	100.9	17 300*																			18.0
20.0	70.9	100.3	16 400*																			20.0
22.0	68.4	99.6	15 600*																			22.0
24.0	65.8	98.7	14 800*																			24.0
26.0	63.2	97.8	14 100*	69.0	99.3	15 900*																26.0
28.0	60.5	96.7	13 300*	66.5	98.5	15 200*																28.0
30.0	57.8	95.5	12 600*	63.9	97.6	14 400*																30.0
32.0	55.0	94.2	11 900*	61.2	96.5	13 600*	64.8	97.5	14 600*													32.0
34.0	52.1	92.7	11 200*	58.5	95.4	12 900*	62.1	96.5	13 900*													34.0
36.0	49.0	91.0	10 500*	55.7	94.1	12 200*	59.4	95.4	13 200*													36.0
38.0	45.8	89.2	9 900*	52.8	92.7	11 500*	56.7	94.1	12 500*													38.0
40.0	42.5	87.1	9 300*	49.8	91.1	10 900*	53.8	92.7	11 800*	60.0	94.6	12 600										40.0
42.0	38.8	84.8	8 800*	46.6	89.3	10 200*	50.8	91.2	11 100*	57.2	93.3	11 800										42.0
44.0	34.9	82.1	8 300*	43.3	87.3	9 600*	47.7	89.5	10 500*	54.4	92.0	11 000										44.0
46.0	30.6	79.0	7 800*	39.8	85.0	9 100*	44.5	87.5	9 900*	51.4	90.5	10 400	57.6	92.1	8 800							46.0
48.0	25.6	75.3	7 400*	35.9	82.4	8 500*	41.0	85.4	9 300*	48.4	88.8	9 700	54.8	90.8	8 200							48.0
50.0	19.5	70.5	6 900*	31.7	79.5	8 000*	37.3	82.9	8 800*	45.1	86.9	9 200	51.9	89.3	7 700							50.0
52.0				26.9	75.9	7 600*	33.2	80.1	8 200*	41.7	84.8	8 700	48.8	87.6	7 300							52.0
54.0				21.2	71.4	7 200*	28.6	76.7	7 800*	38.1	82.4	8 100	45.6	85.8	6 800							54.0
56.0				13.2	64.9	6 800*	23.3	72.6	7 300*	34.1	79.6	7 700	42.2	83.7	6 400	49.1	86.0	5 200				56.0
58.0							16.3	67.1	7 000*	29.6	76.4	7 300	38.6	81.3	6 100	45.9	84.1	4 800				58.0
60.0										24.4	72.5	6 900	34.7	78.7	5 700	42.5	82.1	4 500				60.0
62.0										17.9	67.3	6 500	30.3	75.5	5 400	38.9	79.8	4 300	45.8	82.0	3 200	62.0
64.0										7.0	58.3	6 100	25.2	71.7	5 100	35.0	77.1	4 000	42.5	79.9	3 000	64.0
66.0													19.0	66.8	4 800	30.6	74.0	3 700	38.9	77.6	2 800	66.0
68.0													9.4	58.9	4 500	25.7	70.3	3 500	34.9	74.9	2 500	68.0
70.0																19.6	65.5	3 300	30.6	71.8	2 400	70.0
72.0																			25.6	68.1	2 200	72.0
74.0																			19.5	63.3	2 000	74.0
76.0																			10.4	55.8	1 800	76.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

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

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.7	104.4	16 100*																			16.8
18.0	74.3	104.1	15 900*																			18.0
20.0	72.0	103.5	15 200*																			20.0
22.0	69.7	102.8	14 400*																			22.0
24.0	67.3	102.0	13 700*																			24.0
26.0	64.9	101.1	12 900*	70.3	102.6	14 600*																26.0
28.0	62.4	100.2	12 200*	67.9	101.8	13 900*																28.0
30.0	59.9	99.1	11 500*	65.5	101.0	13 200*																30.0
32.0	57.3	97.8	10 800*	63.1	100.0	12 500*																32.0
34.0	54.6	96.5	10 100*	60.5	98.9	11 800*	63.9	99.9	12 700*													34.0
36.0	51.9	95.0	9 500*	58.0	97.7	11 100*	61.4	98.9	12 000*													36.0
38.0	49.0	93.3	9 000*	55.3	96.4	10 500*	58.9	97.7	11 400*													38.0
40.0	46.0	91.5	8 400*	52.6	95.0	9 900*	56.2	96.4	10 700*	61.9	98.0	11 900*										40.0
42.0	42.9	89.5	7 800*	49.7	93.4	9 200*	53.5	95.0	10 100*	59.4	96.9	11 400*										42.0
44.0	39.5	87.2	7 300*	46.8	91.6	8 700*	50.7	93.5	9 500*	56.8	95.7	10 800*										44.0
46.0	35.9	84.6	6 900*	43.7	89.6	8 100*	47.8	91.8	8 900*	54.1	94.3	10 200*										46.0
48.0	31.9	81.6	6 400*	40.4	87.4	7 600*	44.7	89.8	8 300*	51.3	92.8	9 600*										48.0
50.0	27.4	78.1	6 000*	36.8	84.9	7 100*	41.5	87.7	7 800*	48.4	91.1	9 000*	54.5	93.1	7 600							50.0
52.0	22.2	73.8	5 500*	33.0	82.0	6 600*	38.1	85.3	7 300*	45.4	89.2	8 500*	51.7	91.6	7 100							52.0
54.0	15.3	67.9	5 100*	28.6	78.6	6 200*	34.3	82.6	6 800*	42.2	87.1	8 000*	48.8	89.9	6 700							54.0
56.0				23.6	74.6	5 700*	30.2	79.4	6 400*	38.8	84.8	7 500*	45.8	88.1	6 300							56.0
58.0				17.3	69.2	5 200*	25.4	75.6	5 900*	35.1	82.1	7 000*	42.7	86.0	5 900	49.1	88.3	4 700				58.0
60.0							19.6	70.8	5 400*	31.0	79.0	6 500*	39.3	83.7	5 600	46.1	86.4	4 400				60.0
62.0							11.3	63.6	4 900*	26.4	75.4	6 100*	35.6	81.1	5 200	42.9	84.4	4 100				62.0
64.0										20.9	70.8	5 500*	31.6	78.1	4 900	39.5	82.1	3 900				64.0
66.0										13.4	64.4	5 100*	27.1	74.6	4 700	35.9	79.5	3 600	42.9	82.2	2 600	66.0
68.0													21.8	70.2	4 400	32.0	76.6	3 400	39.5	80.0	2 400	68.0
70.0													14.7	64.1	4 100	27.5	73.1	3 100	35.9	77.4	2 200	70.0
72.0																22.3	68.8	2 900	31.9	74.4	2 000	72.0
74.0																15.4	62.9	2 700	27.5	70.9	1 900	74.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

54.9m (180 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	58.7	75.5	39 700*b																			15.2
16.0	56.2	75.0	39 100*b																			16.0
18.0	49.4	73.5	36 600*b																			18.0
20.0	41.9	71.5	32 200*	58.6	75.0	39 300b																20.0
22.0	33.1	68.9	28 100*	52.1	73.7	34 900b																22.0
24.0	21.3	65.0	24 900*	44.9	71.9	31 300	54.9	73.8	29 400b													24.0
26.0				36.7	69.6	28 300	48.0	72.2	26 500b													26.0
28.0				26.4	66.3	25 800	40.3	70.2	24 200	57.0	73.2	21 500b										28.0
30.0							31.1	67.4	22 200	50.4	71.7	19 700b										30.0
32.0							18.2	63.0	20 400	43.0	69.8	18 100										32.0
34.0										34.4	67.3	16 700	52.2	70.6	14 600b							34.0
36.0										23.2	63.7	15 500	45.1	68.9	13 600							36.0
38.0													36.9	66.6	12 600							38.0
40.0													26.7	63.4	11 800	46.6	67.4	10 100				40.0
42.0																38.6	65.2	9 400				42.0
44.0																29.0	62.2	8 800				44.0
46.0																			39.6	63.2	6 800	46.0
48.0																			30.1	60.3	6 400	48.0
50.0																			16.6	55.7	5 900	50.0

54.9m (180 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	63.0	79.0	36 700*b																			15.2
16.0	60.9	78.6	36 300*b																			16.0
18.0	55.3	77.3	34 400*																			18.0
20.0	49.4	75.8	31 600*	62.9	78.5	37 700b																20.0
22.0	42.9	73.9	28 100*	57.5	77.4	34 900b																22.0
24.0	35.4	71.4	24 800*	51.7	76.0	31 100	59.8	77.4	29 100b													24.0
26.0	26.2	68.0	22 200*	45.4	74.2	28 200	54.2	76.1	26 300													26.0
28.0				38.4	72.0	25 700	48.1	74.5	24 000													28.0
30.0				30.0	69.0	23 200*	41.5	72.5	22 000	56.1	75.5	19 500										30.0
32.0				18.6	64.6	20 800*	33.8	69.9	20 300	50.2	74.0	17 900										32.0
34.0							24.0	66.3	18 700	43.8	72.1	16 600										34.0
36.0										36.5	69.8	15 400	51.8	73.0	13 300							36.0
38.0										27.6	66.6	14 300	45.6	71.2	12 400							38.0
40.0													38.6	69.0	11 500							40.0
42.0													30.2	66.1	10 800	46.9	69.7	9 200				42.0
44.0													18.9	61.7	10 100	40.0	67.6	8 500				44.0
46.0																32.0	64.8	8 000				46.0
48.0																21.6	60.9	7 500				48.0
50.0																			40.8	65.6	6 100	50.0
52.0																			33.0	62.9	5 700	52.0
																			23.0	59.1	5 300	52.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

54.9m (180 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	66.2	82.4	33 600*b																			15.2
16.0	64.3	82.0	33 000*b																			16.0
18.0	59.6	80.9	31 500*																			18.0
20.0	54.6	79.6	30 000*	66.1	81.9	34 200*b																20.0
22.0	49.3	78.1	27 600*	61.5	80.9	32 800*b																22.0
24.0	43.6	76.2	24 800*	56.6	79.7	30 900	63.4	80.9	29 000b													24.0
26.0	37.1	73.8	22 200*	51.4	78.3	28 100	58.6	79.8	26 200													26.0
28.0	29.5	70.8	20 000*	45.8	76.5	25 600	53.6	78.5	23 900													28.0
30.0	19.4	66.4	18 200*	39.7	74.4	23 200*	48.2	76.8	21 900	60.2	79.1	19 300										30.0
32.0				32.6	71.6	20 800*	42.3	74.9	20 200	55.3	77.8	17 800										32.0
34.0				23.7	67.9	18 800*	35.7	72.4	18 700	50.1	76.3	16 400										34.0
36.0							27.8	69.2	17 300	44.4	74.5	15 200										36.0
38.0							16.7	64.3	16 100	38.0	72.2	14 200	51.5	75.3	12 200							38.0
40.0										30.6	69.2	13 200	46.0	73.5	11 400							40.0
42.0										21.0	65.1	12 400	39.8	71.4	10 700							42.0
44.0													32.8	68.6	10 000	47.1	72.0	8 400				44.0
46.0													24.0	64.9	9 400	41.1	69.9	7 900				46.0
48.0																34.3	67.3	7 400				48.0
50.0																25.9	63.9	6 900				50.0
52.0																			41.8	67.9	5 600	52.0
54.0																			35.1	65.4	5 200	54.0
56.0																			27.0	62.1	4 900	56.0
																			15.4	56.9	4 500	56.0

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

54.9m (180 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	71.7	86.2	31 200*b																			13.7
14.0	71.1	86.1	31 100*b																			14.0
16.0	67.1	85.3	30 700*b																			16.0
18.0	62.9	84.4	29 300*																			18.0
20.0	58.6	83.3	27 900*	68.6	85.2	31 400*b																20.0
22.0	54.1	82.0	26 300*	64.5	84.3	30 400*b																22.0
24.0	49.3	80.4	24 400*	60.3	83.3	29 000*																24.0
26.0	44.1	78.5	22 000*	55.9	82.1	27 700	62.1	83.3	26 000													26.0
28.0	38.4	76.2	19 900*	51.2	80.6	25 400	57.7	82.1	23 700													28.0
30.0	31.9	73.4	18 000*	46.2	78.8	23 000	53.2	80.8	21 700													30.0
32.0	23.9	69.6	16 500*	40.7	76.7	20 600*	48.3	79.1	20 000	59.2	81.5	17 600										32.0
34.0				34.5	74.1	18 700*	43.0	77.2	18 500	54.7	80.2	16 200										34.0
36.0				27.2	70.8	17 000*	37.2	74.8	17 200	49.9	78.6	15 100										36.0
38.0				17.2	65.9	15 600*	30.5	71.8	16 000	44.8	76.8	14 000										38.0
40.0							21.9	67.8	14 900	39.2	74.5	13 100	51.3	77.6	11 200							40.0
42.0										32.8	71.8	12 200	46.3	75.8	10 500							42.0
44.0										25.0	68.2	11 500	40.8	73.7	9 800							44.0
46.0													34.7	71.1	9 200	47.3	74.3	7 600				46.0
48.0													27.4	67.8	8 600	42.0	72.3	7 200				48.0
50.0													17.5	63.0	8 100	36.0	69.8	6 700				50.0
52.0																29.0	66.7	6 300	42.6	70.2	5 000	52.0
54.0																19.9	62.2	5 900	36.7	67.8	4 700	54.0
56.0																			29.8	64.8	4 400	56.0
58.0																			21.0	60.6	4 100	58.0

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

54.9m (180 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	73.4	89.4	25 500*b																			13.7
14.0	72.9	89.3	25 400*b																			14.0
16.0	69.3	88.6	24 800*b																			16.0
18.0	65.6	87.8	24 200*																			18.0
20.0	61.7	86.8	23 600*	70.7	88.5	25 400*b																20.0
22.0	57.8	85.6	23 100*	67.0	87.7	25 000*b																22.0
24.0	53.6	84.3	22 400*	63.2	86.8	24 600*																24.0
26.0	49.3	82.7	21 200*	59.3	85.7	24 200*	64.8	86.7	24 700													26.0
28.0	44.6	80.8	19 700*	55.3	84.4	23 300*	61.0	85.7	23 800													28.0
30.0	39.5	78.6	18 400*	51.0	82.9	22 300*	57.0	84.5	21 700													30.0
32.0	33.8	75.9	17 100*	46.4	81.1	21 400*	52.8	83.1	20 000													32.0
34.0	27.0	72.5	15 700*	41.5	79.0	19 500*	48.4	81.4	18 500	58.3	83.8	16 200										34.0
36.0	18.1	67.7	14 400*	36.0	76.6	17 700*	43.6	79.5	17 200	54.2	82.5	15 000										36.0
38.0				29.7	73.5	16 300*	38.4	77.2	16 000	49.9	80.9	14 000										38.0
40.0				21.9	69.3	15 000*	32.5	74.4	15 000	45.2	79.1	13 100	55.3	81.4	11 200							40.0
42.0							25.5	70.8	14 000	40.2	76.9	12 200	51.1	79.9	10 400							42.0
44.0							15.7	65.5	13 100	34.6	74.3	11 500	46.5	78.1	9 800							44.0
46.0										28.0	71.0	10 800	41.6	76.0	9 200	51.9	78.3	7 600				46.0
48.0										19.5	66.4	10 100	36.2	73.6	8 600	47.5	76.6	7 100				48.0
50.0													29.9	70.5	8 100	42.6	74.6	6 700				50.0
52.0													22.1	66.4	7 600	37.3	72.2	6 300	43.2	72.6	4 700	52.0
54.0																31.2	69.3	5 900	37.9	70.2	4 400	54.0
56.0																23.8	65.4	5 600	31.9	67.4	4 100	56.0
58.0																			24.7	63.7	3 800	58.0
60.0																			14.6	58.1	3 500	60.0
62.0																						62.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

54.9m (180 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.8	92.6	23 900*																			13.7
14.0	74.3	92.5	23 800*																			14.0
16.0	71.1	91.9	23 300*																			16.0
18.0	67.7	91.1	22 800*																			18.0
20.0	64.3	90.2	22 300*																			20.0
22.0	60.7	89.2	21 700*	69.0	91.0	23 400*																22.0
24.0	57.1	88.0	20 800*	65.6	90.1	23 000*																24.0
26.0	53.3	86.6	19 800*	62.1	89.2	22 500*	67.0	90.0	22 900*													26.0
28.0	49.2	85.0	18 900*	58.5	88.0	21 500*	63.6	89.1	22 600*													28.0
30.0	45.0	83.1	17 600*	54.8	86.7	20 600*	60.0	88.1	21 600*													30.0
32.0	40.3	80.9	16 500*	50.8	85.2	19 600*	56.3	86.8	19 800*													32.0
34.0	35.2	78.4	15 400*	46.6	83.4	18 800*	52.5	85.4	18 300*	61.2	87.3	16 000										34.0
36.0	29.4	75.2	14 300*	42.2	81.4	17 600*	48.4	83.7	17 000*	57.6	86.1	14 800										36.0
38.0	22.2	71.1	13 200*	37.3	79.0	16 100*	44.1	81.8	15 800*	53.8	84.8	13 800										38.0
40.0				31.7	76.1	14 800*	39.4	79.6	14 800*	49.8	83.2	12 800										40.0
42.0				25.1	72.4	13 600*	34.1	76.9	13 800*	45.5	81.4	12 000	54.8	83.7	10 200							42.0
44.0				16.3	67.1	12 600*	28.1	73.6	13 000*	41.0	79.3	11 300	50.9	82.2	9 600							44.0
46.0							20.4	69.1	12 200	35.9	76.7	10 600	46.7	80.4	9 000							46.0
48.0										30.2	73.7	10 000	42.3	78.4	8 400							48.0
50.0										23.2	69.7	9 400	37.4	76.0	7 900	47.6	78.9	6 500				50.0
52.0													31.9	73.1	7 400	43.2	76.9	6 100				52.0
54.0													25.3	69.4	7 000	38.4	74.6	5 700				54.0
56.0													16.5	64.2	6 600	33.0	71.8	5 400	43.7	74.9	4 100	56.0
58.0																26.7	68.3	5 000	38.9	72.6	3 800	58.0
60.0																18.6	63.6	4 700	33.6	69.9	3 600	60.0
62.0																			27.5	66.5	3 300	62.0
64.0																			19.6	61.9	3 100	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

54.9m (180 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	76.0	95.7	22 400*																			13.7
14.0	75.6	95.6	22 300*																			14.0
16.0	72.6	95.1	21 900*																			16.0
18.0	69.5	94.4	21 400*																			18.0
20.0	66.4	93.6	20 900*																			20.0
22.0	63.2	92.6	20 000*																			22.0
24.0	59.9	91.5	19 200*	67.6	93.5	21 400*																24.0
26.0	56.5	90.3	18 300*	64.4	92.6	20 600*																26.0
28.0	52.9	88.9	17 500*	61.2	91.5	19 800*	65.8	92.5	20 900*													28.0
30.0	49.2	87.3	16 700*	57.8	90.4	19 000*	62.5	91.5	20 100*													30.0
32.0	45.3	85.4	15 800*	54.3	89.0	18 100*	59.2	90.4	19 300*													32.0
34.0	41.1	83.3	14 800*	50.7	87.5	17 400*	55.8	89.1	18 200													34.0
36.0	36.4	80.8	13 900*	46.8	85.7	16 600*	52.2	87.7	16 900	60.3	89.7	14 700										36.0
38.0	31.2	77.8	13 100*	42.7	83.7	15 900*	48.5	86.0	15 700	56.9	88.5	13 600										38.0
40.0	25.1	74.1	12 200*	38.3	81.4	14 600*	44.5	84.1	14 700	53.4	87.1	12 700										40.0
42.0	17.1	68.9	11 200*	33.3	78.6	13 500*	40.2	81.9	13 800	49.7	85.5	11 900										42.0
44.0				27.6	75.2	12 500*	35.5	79.4	12 900	45.8	83.7	11 100	54.4	86.0	9 400							44.0
46.0				20.5	70.7	11 600*	30.1	76.3	12 100	41.6	81.6	10 500	50.8	84.5	8 800							46.0
48.0							23.7	72.3	11 400	37.1	79.2	9 800	46.9	82.7	8 300							48.0
50.0							15.0	66.6	10 800	32.0	76.3	9 300	42.8	80.7	7 800							50.0
52.0										26.0	72.6	8 700	38.4	78.4	7 300	47.7	81.2	5 900				52.0
54.0										18.3	67.7	8 300	33.4	75.6	6 900	43.7	79.2	5 500				54.0
56.0													27.7	72.2	6 500	39.3	77.0	5 200				56.0
58.0													20.7	67.8	6 100	34.5	74.3	4 900	44.1	77.2	3 700	58.0
60.0																29.0	71.1	4 600	39.8	75.0	3 400	60.0
62.0																22.3	66.9	4 300	35.0	72.4	3 200	62.0
64.0																12.6	60.5	4 000	29.6	69.2	3 000	64.0
66.0																			23.1	65.2	2 800	66.0
68.0																			14.0	59.2	2 500	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

54.9m (180 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	75.0	98.5	20 500*																			15.2
16.0	73.8	98.3	20 400*																			16.0
18.0	71.0	97.6	20 000*																			18.0
20.0	68.2	96.9	19 300*																			20.0
22.0	65.2	96.0	18 400*																			22.0
24.0	62.2	95.0	17 600*	69.3	96.7	19 700*																24.0
26.0	59.2	93.9	16 700*	66.4	95.9	18 900*																26.0
28.0	56.0	92.6	16 000*	63.4	95.0	18 100*																28.0
30.0	52.7	91.2	15 200*	60.4	93.9	17 300*	64.6	94.9	18 400*													30.0
32.0	49.2	89.6	14 500*	57.2	92.7	16 600*	61.6	93.9	17 600*													32.0
34.0	45.6	87.7	13 800*	54.0	91.3	15 800*	58.5	92.8	16 900*													34.0
36.0	41.7	85.6	13 100*	50.6	89.8	15 000*	55.3	91.5	16 100*													36.0
38.0	37.5	83.2	12 500*	47.0	88.0	14 300*	52.0	90.0	15 400*	59.6	92.1	13 400										38.0
40.0	32.8	80.4	11 900*	43.2	86.0	13 600*	48.5	88.3	14 500	56.4	90.8	12 500										40.0
42.0	27.4	76.9	11 100*	39.1	83.8	13 000*	44.8	86.4	13 600	53.1	89.4	11 700										42.0
44.0	20.9	72.5	10 400*	34.6	81.1	12 300*	40.9	84.3	12 700	49.7	87.8	10 900										44.0
46.0				29.6	77.9	11 400*	36.6	81.8	12 000	46.1	86.0	10 300	54.0	88.3	8 600							46.0
48.0				23.6	73.9	10 700*	31.8	78.8	11 300	42.2	83.9	9 700	50.6	86.8	8 000							48.0
50.0				15.6	68.3	9 900*	26.2	75.2	10 600	38.0	81.6	9 100	47.1	85.0	7 500							50.0
52.0							19.3	70.5	10 100	33.4	78.8	8 600	43.3	83.0	7 100	51.3	85.2	5 700				52.0
54.0										28.2	75.4	8 100	39.2	80.8	6 700	47.8	83.5	5 300				54.0
56.0										21.8	71.1	7 600	34.7	78.1	6 300	44.1	81.6	5 000				56.0
58.0													29.7	74.9	5 900	40.0	79.3	4 700				58.0
60.0													23.7	70.9	5 600	35.7	76.8	4 400	44.5	79.5	3 200	60.0
62.0													15.8	65.4	5 300	30.8	73.7	4 100	40.5	77.3	3 000	62.0
64.0																25.0	69.9	3 900	36.2	74.8	2 800	64.0
66.0																17.6	64.8	3 600	31.3	71.8	2 500	66.0
68.0																			25.7	68.1	2 400	68.0
70.0																			18.6	63.2	2 100	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

54.9m (180 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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	
15.2	76.0	101.6	19 200*																			15.2
16.0	74.9	101.4	19 000*																			16.0
18.0	72.3	100.8	18 600*																			18.0
20.0	69.7	100.1	17 800*																			20.0
22.0	67.0	99.3	17 000*																			22.0
24.0	64.2	98.4	16 200*																			24.0
26.0	61.4	97.4	15 400*	68.0	99.2	17 400*																26.0
28.0	58.5	96.3	14 700*	65.3	98.4	16 700*																28.0
30.0	55.5	95.0	13 900*	62.5	97.4	15 900*	66.4	98.3	16 800*													30.0
32.0	52.4	93.5	13 200*	59.6	96.3	15 200*	63.7	97.4	16 100*													32.0
34.0	49.2	91.9	12 500*	56.7	95.0	14 400*	60.8	96.3	15 500*													34.0
36.0	45.8	90.0	11 900*	53.6	93.6	13 700*	57.9	95.1	14 800*													36.0
38.0	42.2	88.0	11 300*	50.5	92.1	13 000*	54.9	93.8	14 000*													38.0
40.0	38.3	85.6	10 700*	47.1	90.3	12 300*	51.8	92.3	13 400*	58.9	94.4	12 400										40.0
42.0	34.1	82.9	10 100*	43.6	88.4	11 700*	48.5	90.6	12 700*	55.9	93.1	11 600										42.0
44.0	29.3	79.6	9 600*	39.8	86.1	11 100*	45.1	88.8	12 000*	52.8	91.7	10 900										44.0
46.0	23.7	75.6	9 100*	35.7	83.5	10 500*	41.4	86.6	11 400*	49.6	90.1	10 200	56.8	92.0	8 500							46.0
48.0	16.3	70.1	8 700*	31.2	80.5	10 000*	37.5	84.2	10 800*	46.3	88.3	9 600	53.7	90.6	8 000							48.0
50.0				26.0	76.8	9 500*	33.2	81.4	10 300*	42.7	86.3	9 100	50.5	89.1	7 500							50.0
52.0				19.5	72.1	9 000*	28.3	78.0	9 800*	38.8	83.9	8 500	47.2	87.3	7 100							52.0
54.0							22.4	73.8	9 300*	34.6	81.3	8 000	43.7	85.4	6 600	51.2	87.5	5 300				54.0
56.0							14.5	67.8	8 900*	30.0	78.1	7 600	39.9	83.1	6 200	47.9	85.8	4 900				56.0
58.0										24.5	74.2	7 200	35.8	80.5	5 900	44.4	83.9	4 600				58.0
60.0										17.5	69.0	6 800	31.3	77.5	5 600	40.7	81.7	4 300				60.0
62.0													26.1	73.9	5 200	36.7	79.2	4 100	44.8	81.8	2 900	62.0
64.0													19.6	69.1	4 900	32.2	76.3	3 800	41.1	79.7	2 700	64.0
66.0																27.2	72.8	3 600	37.1	77.2	2 500	66.0
68.0																21.1	68.3	3 300	32.8	74.4	2 300	68.0
70.0																12.3	61.6	3 100	27.8	70.9	2 100	70.0
72.0																			21.8	66.6	2 000	72.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

54.9m (180 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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	74.9	104.4	17 500*																			16.8
18.0	73.5	104.0	17 100*																			18.0
20.0	71.0	103.4	16 300*																			20.0
22.0	68.5	102.6	15 600*																			22.0
24.0	65.9	101.8	14 800*																			24.0
26.0	63.3	100.9	14 000*	69.5	102.5	15 900*																26.0
28.0	60.7	99.8	13 300*	66.9	101.7	15 200*																28.0
30.0	58.0	98.6	12 600*	64.4	100.8	14 500*																30.0
32.0	55.1	97.3	11 900*	61.7	99.8	13 700*	65.4	100.7	14 600*													32.0
34.0	52.2	95.8	11 200*	59.0	98.6	13 000*	62.8	99.8	14 000*													34.0
36.0	49.2	94.2	10 600*	56.2	97.4	12 400*	60.1	98.7	13 300*													36.0
38.0	46.0	92.3	10 000*	53.4	96.0	11 700*	57.4	97.5	12 600*													38.0
40.0	42.6	90.3	9 400*	50.4	94.4	11 000*	54.6	96.1	12 000*	61.0	97.9	12 200										40.0
42.0	39.0	88.0	8 800*	47.2	92.6	10 400*	51.6	94.6	11 300*	58.3	96.8	11 400										42.0
44.0	35.1	85.3	8 300*	44.0	90.7	9 800*	48.6	92.9	10 700*	55.5	95.5	10 700										44.0
46.0	30.8	82.3	7 800*	40.5	88.5	9 200*	45.3	91.1	10 100*	52.6	94.0	10 000										46.0
48.0	25.9	78.6	7 400*	36.7	86.0	8 700*	41.9	89.0	9 500*	49.6	92.4	9 400	56.3	94.3	7 800							48.0
50.0	19.8	73.8	7 000*	32.5	83.1	8 100*	38.3	86.6	9 000*	46.4	90.6	8 900	53.4	92.9	7 300							50.0
52.0				27.9	79.6	7 700*	34.3	83.9	8 400*	43.1	88.6	8 300	50.4	91.4	6 900							52.0
54.0				22.3	75.4	7 200*	29.9	80.7	8 000*	39.5	86.3	7 900	47.3	89.6	6 400							54.0
56.0				15.0	69.4	6 900*	24.8	76.8	7 500*	35.7	83.7	7 400	44.0	87.7	6 000	51.0	89.8	4 700				56.0
58.0							18.4	71.8	7 100*	31.4	80.7	7 000	40.5	85.5	5 700	47.9	88.1	4 400				58.0
60.0										26.6	77.1	6 600	36.8	83.0	5 300	44.7	86.2	4 100				60.0
62.0										20.7	72.5	6 200	32.6	80.1	5 100	41.2	84.0	3 900				62.0
64.0										12.5	65.8	5 900	28.0	76.7	4 800	37.5	81.6	3 600	45.1	84.1	2 500	64.0
66.0													22.5	72.4	4 500	33.5	78.8	3 300	41.6	82.0	2 300	66.0
68.0													15.2	66.5	4 200	29.0	75.5	3 100	38.0	79.6	2 100	68.0
70.0																23.7	71.5	2 900	34.0	76.9	1 900	70.0
72.0																16.9	66.1	2 700				72.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

54.9m (180 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.8	107.5	15 800*																			16.8
18.0	74.5	107.2	15 600*																			18.0
20.0	72.2	106.6	15 100*																			20.0
22.0	69.8	105.9	14 400*																			22.0
24.0	67.4	105.1	13 600*																			24.0
26.0	65.0	104.2	12 900*	70.7	105.7	14 400*																26.0
28.0	62.6	103.3	12 200*	68.4	105.0	14 000*																28.0
30.0	60.0	102.2	11 500*	66.0	104.2	13 300*																30.0
32.0	57.5	100.9	10 800*	63.5	103.2	12 600*																32.0
34.0	54.8	99.6	10 200*	61.0	102.2	11 900*	64.5	103.2	12 800*													34.0
36.0	52.0	98.1	9 500*	58.5	101.0	11 300*	62.1	102.1	12 200*													36.0
38.0	49.2	96.5	9 000*	55.8	99.7	10 600*	59.5	101.0	11 500*													38.0
40.0	46.2	94.7	8 400*	53.1	98.3	9 900*	56.9	99.8	10 900*													40.0
42.0	43.0	92.6	7 900*	50.3	96.7	9 400*	54.2	98.4	10 300*	60.4	100.3	11 300										42.0
44.0	39.7	90.4	7 400*	47.3	94.9	8 800*	51.5	96.9	9 700*	57.8	99.1	10 500										44.0
46.0	36.1	87.8	6 900*	44.3	93.0	8 200*	48.6	95.2	9 100*	55.1	97.8	9 900										46.0
48.0	32.1	84.8	6 500*	41.0	90.8	7 700*	45.6	93.4	8 500*	52.4	96.3	9 300										48.0
50.0	27.7	81.4	6 000*	37.5	88.4	7 200*	42.4	91.3	8 000*	49.6	94.7	8 700	55.9	96.7	7 100							50.0
52.0	22.5	77.1	5 600*	33.7	85.6	6 800*	39.0	89.0	7 500*	46.6	92.9	8 200	53.2	95.2	6 700							52.0
54.0	15.7	71.3	5 100*	29.5	82.3	6 300*	35.3	86.3	7 000*	43.5	90.9	7 700	50.3	93.7	6 300							54.0
56.0				24.6	78.4	5 900*	31.3	83.3	6 500*	40.1	88.7	7 300	47.4	91.9	5 900	50.9	92.1	4 200				56.0
58.0				18.6	73.4	5 300*	26.7	79.7	6 100*	36.6	86.2	6 900	44.3	90.0	5 600	48.0	90.4	4 000				58.0
60.0							21.3	75.2	5 600*	32.7	83.3	6 500	41.1	87.8	5 200	45.0	88.5	3 700				60.0
62.0							14.0	68.9	5 100*	28.3	79.9	6 200	37.6	85.4	4 900	41.7	86.4	3 400				62.0
64.0										23.2	75.7	5 800	33.8	82.6	4 600							64.0
66.0										16.8	70.2	5 300*	29.6	79.4	4 300	38.3	84.0	3 200	45.3	86.5	2 100	66.0
68.0													24.7	75.5	4 100	34.6	81.3	3 000	42.1	84.4	2 000	68.0
70.0													18.7	70.4	3 800	30.5	78.2	2 800	38.7	82.0	1 800	70.0
72.0																25.8	74.4	2 600				72.0
74.0																20.1	69.7	2 400				74.0
76.0																12.1	62.7	2 200				76.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

57.9m (190 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	59.1	78.6	38 300*b																			15.2
16.0	56.5	78.1	37 300*b																			16.0
18.0	49.8	76.6	34 500*b																			18.0
20.0	42.3	74.7	31 600*	59.8	78.3	37 400*b																20.0
22.0	33.6	72.1	28 400*	53.3	77.0	34 600b																22.0
24.0	22.1	68.3	25 000*	46.3	75.3	31 200	56.6	77.2	29 100b													24.0
26.0				38.3	73.1	28 200	49.9	75.7	26 300b													26.0
28.0				28.6	70.1	25 700	42.4	73.8	23 900	59.5	76.6	21 100b										28.0
30.0				13.6	64.9	22 900	33.7	71.2	21 900	53.1	75.3	19 300b										30.0
32.0							22.3	67.5	20 200	46.0	73.6	17 800										32.0
34.0										37.9	71.3	16 400	55.7	74.3	14 200b							34.0
36.0										28.1	68.3	15 200	48.9	72.7	13 200							36.0
38.0										12.6	62.9	14 200	41.3	70.7	12 200							38.0
40.0													32.4	68.1	11 400	51.2	71.3	9 600b				40.0
42.0													20.2	64.0	10 600	43.9	69.4	8 900				42.0
44.0																35.5	67.0	8 400				44.0
46.0																24.7	63.6	7 800				46.0
48.0																			45.6	67.5	6 300	48.0
50.0																			37.5	65.3	5 900	50.0
																			27.5	62.1	5 500	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

57.9m (190 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	63.3	82.1	35 400*b																			15.2
16.0	61.1	81.7	34 800*b																			16.0
18.0	55.6	80.4	32 600*b																			18.0
20.0	49.7	78.9	30 000*	63.9	81.7	36 200*b																20.0
22.0	43.2	77.0	27 600*	58.5	80.6	33 800*b																22.0
24.0	35.8	74.6	25 000*	52.8	79.3	31 100	61.2	80.7	28 900b													24.0
26.0	26.8	71.3	22 300*	46.7	77.6	28 000	55.7	79.5	26 100b													26.0
28.0				39.8	75.5	25 500	49.8	78.0	23 800													28.0
30.0				31.7	72.7	23 400	43.3	76.1	21 800	58.3	79.0	19 100b										30.0
32.0				21.2	68.7	21 200	35.9	73.7	20 000	52.6	77.6	17 600										32.0
34.0							26.9	70.4	18 600	46.4	75.9	16 300	54.9	76.6	12 900							34.0
36.0							13.2	64.9	17 200	39.5	73.7	15 100	48.9	75.0	12 000							36.0
38.0										31.3	70.9	14 000	42.3	73.1	11 200							38.0
40.0										20.6	66.8	13 100	34.8	70.6	10 400							40.0
42.0													25.4	67.1	9 800	44.5	71.8	8 100				42.0
44.0																37.4	69.5	7 600				44.0
46.0																28.7	66.4	7 100				46.0
48.0																16.5	61.6	6 600				48.0
50.0																			39.1	67.6	5 300	50.0
52.0																			30.9	64.8	4 900	52.0
54.0																			19.9	60.6	4 600	54.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

57.9m (190 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	66.4	85.5	32 600*b																			15.2
16.0	64.6	85.1	32 300*b																			16.0
18.0	59.9	84.0	30 700*																			18.0
20.0	54.9	82.8	28 500*	67.0	85.1	33 200*b																20.0
22.0	49.6	81.2	26 300*	62.3	84.2	32 800*b																22.0
24.0	43.9	79.3	24 300*	57.5	83.0	30 800	64.7	84.2	28 700b													24.0
26.0	37.5	77.0	22 300*	52.4	81.6	27 900	59.9	83.1	26 000b													26.0
28.0	29.9	74.0	20 100*	46.9	79.9	25 500	55.0	81.8	23 600													28.0
30.0	20.0	69.7	18 300*	40.9	77.8	23 300	49.7	80.3	21 700													30.0
32.0				34.0	75.2	21 200	44.0	78.4	20 000	57.3	81.3	17 400										32.0
34.0				25.6	71.7	19 200*	37.6	76.1	18 500	52.2	79.9	16 100										34.0
36.0				12.9	66.0	17 400*	30.1	73.1	17 200	46.7	78.2	14 900										36.0
38.0							20.2	68.8	16 000	40.6	76.1	13 900	54.3	78.9	11 900							38.0
40.0										33.7	73.4	13 000	48.9	77.3	11 100							40.0
42.0										25.2	69.9	12 200	43.1	75.4	10 300							42.0
44.0										12.1	64.0	11 400	36.6	73.0	9 700							44.0
46.0													28.9	69.9	9 100	45.1	74.1	7 500				46.0
48.0													18.4	65.3	8 500	38.8	71.8	7 000				48.0
50.0																31.5	69.0	6 500				50.0
52.0																22.3	65.1	6 100				52.0
54.0																			40.3	70.0	4 800	54.0
56.0																			33.3	67.3	4 500	56.0
																			24.7	63.7	4 200	56.0

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

57.9m (190 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	68.9	88.7	30 200*b																			15.2
16.0	67.3	88.4	30 000*b																			16.0
18.0	63.1	87.5	28 700*																			18.0
20.0	58.8	86.4	26 800*	69.4	88.4	30 500*b																20.0
22.0	54.3	85.1	25 000*	65.3	87.5	30 300*b																22.0
24.0	49.6	83.5	23 200*	61.1	86.5	29 000*																24.0
26.0	44.4	81.6	21 500*	56.7	85.3	27 800	63.2	86.6	25 700													26.0
28.0	38.8	79.4	19 900*	52.1	83.9	25 300	58.9	85.5	23 400													28.0
30.0	32.3	76.6	18 100*	47.1	82.2	23 200	54.4	84.2	21 500													30.0
32.0	24.3	72.9	16 600*	41.8	80.2	21 000	49.6	82.6	19 800													32.0
34.0				35.7	77.7	19 000*	44.5	80.7	18 300	56.5	83.6	15 900										34.0
36.0				28.7	74.5	17 300*	38.8	78.5	17 000	51.9	82.2	14 700										36.0
38.0				19.5	70.0	15 800*	32.4	75.7	15 800	46.9	80.5	13 700										38.0
40.0							24.5	72.0	14 800	41.5	78.4	12 800	53.7	81.2	10 800							40.0
42.0							12.6	66.0	13 800	35.5	75.9	12 000	48.9	79.6	10 100							42.0
44.0										28.3	72.7	11 200	43.7	77.7	9 400							44.0
46.0										19.0	68.1	10 500	38.0	75.4	8 900	50.5	78.2	7 200				46.0
48.0													31.4	72.5	8 300	45.5	76.4	6 800				48.0
50.0													23.2	68.6	7 800	39.9	74.2	6 300				50.0
52.0																33.6	71.5	5 900				52.0
54.0																26.1	68.0	5 500	46.6	74.4	4 500	54.0
56.0																15.4	62.8	5 200	35.1	69.8	4 000	56.0
58.0																			27.9	66.6	3 700	58.0
60.0																			18.4	61.9	3 400	60.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

57.9m (190 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	70.9	92.0	24 500*b																			15.2
16.0	69.4	91.7	24 300*b																			16.0
18.0	65.8	90.9	23 700*																			18.0
20.0	61.9	89.9	23 200*																			20.0
22.0	58.0	88.7	22 700*	67.7	90.9	24 600*b																22.0
24.0	53.9	87.4	21 700*	63.9	90.0	24 200*																24.0
26.0	49.5	85.8	20 300*	60.1	88.9	23 800*	65.8	90.0	24 200													26.0
28.0	44.9	84.0	18 900*	56.0	87.7	23 400*	62.0	89.0	23 600													28.0
30.0	39.8	81.8	17 700*	51.8	86.2	22 400*	58.0	87.8	21 500													30.0
32.0	34.1	79.1	16 500*	47.3	84.5	21 300	53.9	86.5	19 800													32.0
34.0	27.4	75.7	15 500*	42.5	82.5	19 800	49.6	84.9	18 300	59.9	87.2	15 900										34.0
36.0	18.6	71.0	14 500*	37.1	80.1	18 100*	44.9	83.0	17 000	55.8	86.0	14 700										36.0
38.0				31.0	77.1	16 500*	39.8	80.9	15 800	51.6	84.5	13 700										38.0
40.0				23.5	73.2	15 200*	34.2	78.2	14 800	47.1	82.8	12 800										40.0
42.0				12.5	67.1	13 700*	27.5	74.8	13 800	42.2	80.8	11 900	53.3	83.5	10 100							42.0
44.0							18.8	70.2	13 000	36.9	78.3	11 200	48.9	81.9	9 400							44.0
46.0										30.7	75.3	10 600	44.2	80.0	8 900							46.0
48.0										23.2	71.4	9 900	39.1	77.8	8 300	50.4	80.5	6 700				48.0
50.0										11.8	65.1	9 300	33.3	75.0	7 800	45.8	78.7	6 300				50.0
52.0													26.4	71.6	7 300	40.8	76.6	5 900				52.0
54.0													17.2	66.6	6 900	35.3	74.0	5 500	42.0	74.7	4 000	54.0
56.0																28.8	70.8	5 200	36.6	72.2	3 700	56.0
58.0																20.6	66.5	4 900	30.4	69.2	3 400	58.0
60.0																			22.7	65.2	3 200	60.0
62.0																			10.9	58.6	2 900	62.0
64.0																						64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

57.9m (190 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	72.5	95.2	23 000*b																			15.2
16.0	71.2	94.9	22 900*b																			16.0
18.0	67.9	94.2	22 400*																			18.0
20.0	64.5	93.3	21 900*																			20.0
22.0	60.9	92.3	21 400*	69.6	94.1	22 900*b																22.0
24.0	57.3	91.1	20 500*	66.2	93.3	22 600*																24.0
26.0	53.5	89.7	19 300*	62.8	92.4	22 300*																26.0
28.0	49.5	88.1	18 100*	59.2	91.3	21 600*	64.5	92.4	22 300*													28.0
30.0	45.2	86.3	16 900*	55.5	90.0	20 700*	61.0	91.4	21 400*													30.0
32.0	40.6	84.1	15 800*	51.6	88.5	19 800*	57.3	90.2	19 500*													32.0
34.0	35.5	81.6	14 800*	47.4	86.8	18 900*	53.5	88.8	18 100*													34.0
36.0	29.7	78.4	14 000*	43.0	84.8	17 900*	49.5	87.2	16 800*	59.0	89.6	14 500										36.0
38.0	22.6	74.4	13 100*	38.2	82.5	16 400*	45.3	85.4	15 700*	55.3	88.3	13 500										38.0
40.0				32.8	79.7	15 000*	40.7	83.2	14 600*	51.4	86.8	12 600										40.0
42.0				26.5	76.2	13 900*	35.6	80.7	13 700*	47.3	85.1	11 800										42.0
44.0				18.2	71.3	12 800*	29.8	77.5	12 900*	42.8	83.1	11 000	53.0	85.8	9 200							44.0
46.0							22.7	73.5	12 100*	38.0	80.7	10 300	48.9	84.2	8 600							46.0
48.0							12.2	67.1	11 400*	32.6	77.9	9 700	44.6	82.3	8 100							48.0
50.0										26.2	74.4	9 200	40.0	80.1	7 600	50.3	82.8	6 100				50.0
52.0										17.8	69.4	8 700	34.8	77.5	7 200	46.1	81.0	5 700				52.0
54.0													28.9	74.3	6 800	41.5	78.9	5 300				54.0
56.0													21.5	70.1	6 300	36.6	76.4	5 000				56.0
58.0																30.9	73.4	4 700	42.6	77.0	3 400	58.0
60.0																24.1	69.6	4 400	37.7	74.7	3 200	60.0
62.0																14.7	63.9	4 100	32.3	71.8	3 000	62.0
64.0																			25.8	68.2	2 800	64.0
66.0																			17.3	63.1	2 500	66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

57.9m (190 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	73.9	98.4	21 600*																			15.2
16.0	72.7	98.1	21 400*																			16.0
18.0	69.7	97.5	21 000*																			18.0
20.0	66.5	96.7	20 600*																			20.0
22.0	63.4	95.7	19 900*																			22.0
24.0	60.1	94.7	19 100*	68.2	96.6	21 100*																24.0
26.0	56.7	93.4	18 200*	65.0	95.8	20 600*																26.0
28.0	53.1	92.0	17 200*	61.8	94.8	19 800*	66.6	95.7	20 600*													28.0
30.0	49.4	90.4	16 200*	58.4	93.6	19 000*	63.4	94.8	20 200*													30.0
32.0	45.5	88.6	15 200*	55.0	92.3	18 200*	60.1	93.7	19 400*													32.0
34.0	41.3	86.5	14 300*	51.4	90.8	17 500*	56.7	92.5	18 000													34.0
36.0	36.7	84.0	13 400*	47.6	89.1	16 700*	53.2	91.1	16 700													36.0
38.0	31.5	81.0	12 600*	43.5	87.1	16 000*	49.5	89.5	15 500	58.3	91.9	13 300										38.0
40.0	25.5	77.4	11 900*	39.1	84.9	14 900*	45.6	87.7	14 500	54.8	90.6	12 400										40.0
42.0	17.6	72.3	11 300*	34.3	82.2	13 700*	41.4	85.6	13 600	51.2	89.1	11 600										42.0
44.0				28.8	78.9	12 700*	36.8	83.1	12 800	47.4	87.4	10 900										44.0
46.0				22.0	74.7	11 800*	31.6	80.1	12 000	43.3	85.4	10 200	52.7	88.2	8 500							46.0
48.0				12.1	68.2	10 800*	25.6	76.5	11 300	38.9	83.1	9 600	48.9	86.5	8 000							48.0
50.0							17.7	71.4	10 700	34.1	80.4	9 100	45.0	84.7	7 500							50.0
52.0										28.5	77.1	8 500	40.7	82.5	7 000	50.2	85.1	5 500				52.0
54.0										21.7	72.8	8 000	36.1	80.0	6 600	46.3	83.3	5 200				54.0
56.0										11.5	66.1	7 600	30.8	77.0	6 200	42.1	81.2	4 900				56.0
58.0													24.6	73.1	5 900	37.6	78.9	4 600	47.2	81.3	3 300	58.0
60.0													16.3	67.8	5 500	32.6	76.0	4 300	43.1	79.4	3 100	60.0
62.0																26.8	72.5	4 000	38.7	77.0	2 800	62.0
64.0																19.4	67.8	3 700	33.8	74.3	2 600	64.0
66.0																			28.2	71.0	2 400	66.0
68.0																			21.3	66.6	2 200	68.0
70.0																			10.8	59.7	2 000	70.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

57.9m (190 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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	
15.2	75.1	101.6	20 200*																			15.2
16.0	74.0	101.3	20 000*																			16.0
18.0	71.2	100.7	19 600*																			18.0
20.0	68.3	100.0	19 100*																			20.0
22.0	65.4	99.1	18 300*																			22.0
24.0	62.4	98.1	17 500*																			24.0
26.0	59.3	97.0	16 700*	66.9	99.1	18 900*																26.0
28.0	56.1	95.8	15 900*	64.0	98.2	18 100*																28.0
30.0	52.9	94.3	15 200*	60.9	97.2	17 400*	65.4	98.2	18 300*													30.0
32.0	49.4	92.7	14 500*	57.8	96.0	16 600*	62.4	97.2	17 700*													32.0
34.0	45.8	90.9	13 700*	54.6	94.6	15 900*	59.4	96.1	17 000*													34.0
36.0	41.9	88.8	12 900*	51.2	93.1	15 100*	56.2	94.8	16 300*													36.0
38.0	37.7	86.4	12 200*	47.7	91.4	14 400*	52.9	93.4	15 300*	60.8	95.5	13 100										38.0
40.0	33.0	83.6	11 500*	43.9	89.5	13 700*	49.4	91.8	14 300*	57.7	94.3	12 200										40.0
42.0	27.7	80.2	10 900*	39.9	87.2	13 100*	45.8	90.0	13 400*	54.4	92.9	11 400										42.0
44.0	21.3	75.8	10 300*	35.5	84.6	12 500*	41.9	87.9	12 600*	51.1	91.4	10 700										44.0
46.0				30.6	81.6	11 600*	37.7	85.5	11 800*	47.5	89.7	10 000	55.7	91.9	8 300							46.0
48.0				24.8	77.8	10 800*	33.1	82.7	11 100*	43.7	87.7	9 400	52.4	90.5	7 700							48.0
50.0				17.3	72.6	10 100*	27.8	79.3	10 500*	39.7	85.5	8 900	48.9	88.8	7 200							50.0
52.0							21.3	74.9	9 900*	35.3	82.9	8 300	45.3	87.0	6 800							52.0
54.0							12.0	68.2	9 300*	30.3	79.8	7 900	41.4	84.8	6 400	50.1	87.4	5 000				54.0
56.0										24.5	75.9	7 400	37.1	82.4	6 000	46.5	85.6	4 600				56.0
58.0										16.9	70.6	7 000	32.4	79.5	5 600	42.7	83.6	4 300				58.0
60.0													27.0	76.0	5 300	38.5	81.2	4 000				60.0
62.0													20.3	71.4	5 000	34.0	78.5	3 800				62.0
64.0													10.0	64.0	4 700	28.8	75.2	3 500	43.6	81.7	2 600	64.0
66.0																22.7	71.1	3 300	39.5	79.4	2 400	66.0
68.0																14.1	65.1	3 100	35.1	76.8	2 200	68.0
70.0																			30.1	73.7	2 000	70.0
																			24.2	69.8	1 800	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

57.9m (190 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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	74.0	104.3	18 600*																			16.8
18.0	72.5	103.9	18 300*																			18.0
20.0	69.8	103.2	17 700*																			20.0
22.0	67.1	102.4	16 900*																			22.0
24.0	64.4	101.5	16 200*																			24.0
26.0	61.6	100.5	15 400*	68.5	102.4	17 400*																26.0
28.0	58.7	99.4	14 600*	65.8	101.6	16 700*																28.0
30.0	55.7	98.1	13 900*	63.0	100.6	16 000*																30.0
32.0	52.6	96.6	13 200*	60.2	99.5	15 200*	64.4	100.6	16 200*													32.0
34.0	49.4	95.0	12 500*	57.2	98.3	14 500*	61.6	99.6	15 600*													34.0
36.0	46.0	93.2	11 900*	54.2	96.9	13 800*	58.7	98.4	14 900*													36.0
38.0	42.4	91.1	11 300*	51.1	95.4	13 100*	55.7	97.2	14 200*													38.0
40.0	38.5	88.8	10 700*	47.8	93.7	12 500*	52.6	95.7	13 600*	60.1	97.8	12 200										40.0
42.0	34.3	86.1	10 200*	44.3	91.8	11 800*	49.4	94.1	12 900*	57.1	96.6	11 400										42.0
44.0	29.6	82.9	9 700*	40.6	89.6	11 200*	46.0	92.3	12 300*	54.1	95.2	10 600										44.0
46.0	24.0	78.9	9 200*	36.5	87.1	10 700*	42.4	90.2	11 600*	50.9	93.7	10 000										46.0
48.0	16.8	73.5	8 800*	32.1	84.1	10 100*	38.6	87.9	11 000*	47.6	92.0	9 400	55.3	94.2	7 700							48.0
50.0				27.0	80.6	9 600*	34.4	85.2	10 500	44.1	90.0	8 800	52.2	92.8	7 200							50.0
52.0				20.8	76.1	9 200*	29.6	82.0	9 900	40.4	87.8	8 300	49.0	91.1	6 800							52.0
54.0				11.9	69.3	8 600*	24.1	78.0	9 300	36.3	85.3	7 800	45.5	89.3	6 300							54.0
56.0							16.9	72.7	8 800	31.9	82.4	7 400	41.9	87.2	6 000	50.0	89.7	4 600				56.0
58.0										26.8	78.8	7 000	38.0	84.8	5 600	46.7	87.9	4 300				58.0
60.0										20.5	74.2	6 600	33.7	82.0	5 300	43.1	85.9	4 000				60.0
62.0										11.4	67.2	6 200	28.9	78.7	5 000	39.3	83.6	3 700				62.0
64.0													23.2	74.7	4 700	35.2	81.0	3 500	43.9	84.0	2 400	64.0
66.0													15.7	69.0	4 400	30.5	77.9	3 300	40.2	81.8	2 100	66.0
68.0																25.2	74.1	3 100	36.1	79.2	2 000	68.0
70.0																18.4	69.1	2 800	31.6	76.3	1 800	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

57.9m (190 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.1	107.4	17 000*																16.8
18.0	73.6	107.1	16 700*																18.0
20.0	71.1	106.5	16 200*																20.0
22.0	68.6	105.7	15 500*																22.0
24.0	66.1	104.9	14 700*																24.0
26.0	63.5	104.0	14 000*	69.9	105.7	15 900*													26.0
28.0	60.8	102.9	13 300*	67.4	104.9	15 200*													28.0
30.0	58.1	101.7	12 600*	64.8	104.0	14 500*													30.0
32.0	55.3	100.4	11 900*	62.2	103.0	13 800*													32.0
34.0	52.4	98.9	11 200*	59.5	101.9	13 100*	63.5	103.0	14 100*										34.0
36.0	49.3	97.3	10 600*	56.8	100.6	12 500*	60.9	102.0	13 500*										36.0
38.0	46.2	95.5	10 000*	53.9	99.3	11 800*	58.1	100.8	12 800*										38.0
40.0	42.8	93.5	9 400*	50.9	97.7	11 100*	55.3	99.5	12 200*	62.1	101.3	11 900							40.0
42.0	39.2	91.2	8 900*	47.8	96.0	10 500*	52.4	98.0	11 500*	59.4	100.2	11 100							42.0
44.0	35.4	88.5	8 300*	44.6	94.1	9 900*	49.4	96.4	10 900*	56.6	98.9	10 400							44.0
46.0	31.1	85.5	7 900*	41.1	91.9	9 300*	46.2	94.6	10 200*	53.8	97.6	9 800							46.0
48.0	26.2	81.8	7 400*	37.4	89.5	8 800*	42.9	92.5	9 700*	50.8	96.0	9 200							48.0
50.0	20.2	77.1	7 000*	33.3	86.7	8 300*	39.3	90.3	9 100*	47.7	94.3	8 600	54.9	96.6	7 000				50.0
52.0				28.8	83.3	7 800*	35.4	87.6	8 600*	44.4	92.4	8 100	52.0	95.1	6 500				52.0
54.0				23.5	79.3	7 400*	31.1	84.6	8 100*	41.0	90.2	7 700	49.0	93.4	6 100				54.0
56.0				16.6	73.8	7 000*	26.2	80.9	7 600*	37.2	87.7	7 200	45.8	91.6	5 800				56.0
58.0							20.3	76.3	7 200*	33.2	84.9	6 800	42.4	89.5	5 400	50.0	92.0	4 100	58.0
60.0							11.8	69.3	6 800*	28.6	81.6	6 400	38.8	87.2	5 100	46.8	90.2	3 800	60.0
62.0										23.2	77.4	6 100	34.8	84.5	4 800	43.5	88.2	3 500	62.0
64.0										16.2	71.8	5 800	30.5	81.4	4 500	40.0	86.0	3 300	64.0
66.0													25.5	77.6	4 200	36.1	83.4	3 100	66.0
68.0													19.3	72.8	4 000	32.0	80.5	2 800	68.0
70.0													10.0	65.1	3 700	27.2	76.9	2 600	70.0
72.0																21.5	72.5	2 400	72.0
74.0																13.7	66.2	2 200	74.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

57.9m (190 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	76.0	110.6	15 400*																16.8
18.0	74.6	110.3	15 200*																18.0
20.0	72.3	109.7	14 800*																20.0
22.0	69.9	109.0	14 300*																22.0
24.0	67.6	108.2	13 600*																24.0
26.0	65.2	107.3	12 800*																26.0
28.0	62.7	106.4	12 200*	68.8	108.2	13 800*													28.0
30.0	60.2	105.3	11 500*	66.4	107.3	13 300*													30.0
32.0	57.6	104.1	10 800*	64.0	106.4	12 700*													32.0
34.0	54.9	102.7	10 200*	61.5	105.4	12 000*	65.2	106.4	12 900*										34.0
36.0	52.2	101.2	9 600*	58.9	104.2	11 300*	62.7	105.4	12 300*										36.0
38.0	49.3	99.6	9 000*	56.3	103.0	10 700*	60.2	104.3	11 600*										38.0
40.0	46.3	97.8	8 500*	53.6	101.6	10 100*	57.6	103.1	11 000*										40.0
42.0	43.2	95.8	7 900*	50.8	100.0	9 500*	55.0	101.8	10 400*	61.4	103.7	11 000							42.0
44.0	39.9	93.5	7 400*	47.9	98.3	8 900*	52.2	100.3	9 900*	58.8	102.6	10 300							44.0
46.0	36.3	91.0	7 000*	44.8	96.4	8 400*	49.4	98.7	9 300*	56.2	101.3	9 600							46.0
48.0	32.4	88.0	6 500*	41.6	94.3	7 800*	46.4	96.9	8 700*	53.5	99.9	9 000							48.0
50.0	28.0	84.6	6 100*	38.2	91.9	7 300*	43.2	94.9	8 100*	50.7	98.3	8 500							50.0
52.0	22.8	80.4	5 700*	34.4	89.2	6 800*	39.9	92.6	7 600*	47.8	96.6	8 000	54.6	98.9	6 400				52.0
54.0	16.2	74.7	5 200*	30.3	86.0	6 400*	36.3	90.1	7 100*	44.7	94.7	7 500	51.8	97.4	6 000				54.0
56.0				25.6	82.2	6 000*	32.4	87.1	6 700*	41.5	92.5	7 100	49.0	95.7	5 600				56.0
58.0				19.8	77.5	5 500*	28.0	83.7	6 200*	38.0	90.1	6 700	46.0	93.9	5 300	52.7	95.9	3 900	58.0
60.0				11.7	70.4	5 000*	22.9	79.5	5 700*	34.3	87.4	6 300	42.8	91.8	4 900	49.9	94.3	3 600	60.0
62.0							16.3	73.9	5 200*	30.1	84.2	6 000	39.4	89.6	4 600	46.9	92.5	3 400	62.0
64.0							3.0	62.1	4 800*	25.4	80.4	5 600	35.8	87.0	4 400	43.8	90.5	3 100	64.0
66.0										19.6	75.6	5 300	31.8	84.0	4 100	40.5	88.3	2 900	66.0
68.0										11.2	68.3	5 000	27.3	80.4	3 900	37.0	85.8	2 700	68.0
70.0													22.1	76.1	3 600	33.2	83.0	2 500	70.0
72.0													15.1	70.2	3 400	28.9	79.7	2 300	72.0
74.0																23.9	75.6	2 100	74.0
76.0																17.6	70.4	2 000	76.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

61.0m (200 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	69.1	91.8	25 300*b																			15.2
16.0	67.5	91.5	25 100*b																			16.0
18.0	63.4	90.6	24 400*																			18.0
20.0	59.1	89.5	23 800*	70.1	91.5	25 900*b																20.0
22.0	54.6	88.2	23 200*	66.1	90.7	25 500*b																22.0
24.0	49.8	86.6	21 800*	61.9	89.8	25 100*																24.0
26.0	44.7	84.8	20 300*	57.5	88.6	24 600*	64.3	89.8	25 200b													26.0
28.0	39.1	82.6	18 900*	52.9	87.2	24 200*	60.1	88.8	23 200													28.0
30.0	32.7	79.8	17 700*	48.1	85.6	23 100	55.6	87.5	21 200													30.0
32.0	24.8	76.2	16 600*	42.8	83.6	21 200	50.9	86.0	19 500													32.0
34.0				36.9	81.2	19 600	45.9	84.3	18 100	58.3	87.1	15 500										34.0
36.0				30.1	78.2	17 900*	40.4	82.1	16 800	53.7	85.7	14 400										36.0
38.0				21.5	74.0	16 300*	34.2	79.5	15 700	48.9	84.1	13 400										38.0
40.0							26.8	76.1	14 600	43.7	82.2	12 500	56.1	84.8	10 500							40.0
42.0							16.6	71.1	13 700	37.9	79.9	11 700	51.5	83.4	9 800							42.0
44.0										31.3	77.0	11 000	46.5	81.6	9 100							44.0
46.0										23.1	73.1	10 300	41.1	79.5	8 500							46.0
48.0													35.0	77.0	8 000	48.8	80.3	6 400				48.0
50.0													27.7	73.7	7 500	43.5	78.4	6 000				50.0
52.0													18.0	68.9	7 100	37.8	76.1	5 600				52.0
54.0																31.1	73.2	5 200	45.4	76.6	3 800	54.0
56.0																22.8	69.2	4 900	39.8	74.4	3 600	56.0
58.0																			33.6	71.8	3 300	58.0
60.0																			26.0	68.3	3 100	60.0
62.0																			15.3	62.9	2 800	62.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

61.0m (200 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	
15.2	71.1	95.1	24 000*																			15.2
16.0	69.6	94.8	23 800*																			16.0
18.0	66.0	94.0	23 300*																			18.0
20.0	62.1	93.0	22 800*																			20.0
22.0	58.2	91.9	22 100*	68.4	94.0	24 100*																22.0
24.0	54.1	90.5	20 800*	64.6	93.2	23 700*																24.0
26.0	49.8	88.9	19 400*	60.8	92.1	23 300*	66.8	93.2	23 700*													26.0
28.0	45.1	87.1	18 200*	56.8	90.9	23 000*	63.0	92.3	23 200													28.0
30.0	40.1	84.9	17 000*	52.6	89.5	22 500*	59.1	91.1	21 200													30.0
32.0	34.4	82.3	16 000*	48.2	87.9	21 200	55.0	89.8	19 500													32.0
34.0	27.8	79.0	15 000*	43.4	85.9	19 600	50.7	88.3	18 100	61.4	90.6	15 500										34.0
36.0	19.2	74.4	14 200*	38.2	83.6	18 200	46.2	86.6	16 800	57.5	89.4	14 400										36.0
38.0				32.2	80.8	16 800	41.2	84.5	15 700	53.3	88.0	13 400										38.0
40.0				25.1	77.1	15 400*	35.7	82.0	14 600	48.9	86.4	12 500										40.0
42.0				15.1	71.6	14 200*	29.4	78.8	13 700	44.2	84.5	11 700	55.5	87.1	9 700							42.0
44.0							21.4	74.6	12 900	39.1	82.3	11 000	51.3	85.7	9 100							44.0
46.0										33.3	79.6	10 300	46.7	83.9	8 500							46.0
48.0										26.4	76.1	9 700	41.8	81.9	8 000							48.0
50.0										17.2	71.1	9 100	36.4	79.4	7 500	48.8	82.6	6 000				50.0
52.0													30.2	76.4	7 100	44.1	80.7	5 600				52.0
54.0													22.5	72.3	6 700	38.9	78.5	5 200				54.0
56.0													10.4	65.5	6 200	33.1	75.7	4 900				56.0
58.0																26.2	72.2	4 600				58.0
60.0																16.8	67.1	4 300	40.7	76.8	3 300	60.0
62.0																			28.7	71.0	2 900	62.0
64.0																			20.5	66.7	2 600	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

61.0m (200 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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	
15.2	72.7	98.3	22 600*																			15.2
16.0	71.4	98.0	22 400*																			16.0
18.0	68.1	97.3	21 900*																			18.0
20.0	64.6	96.4	21 500*																			20.0
22.0	61.1	95.4	20 800*																			22.0
24.0	57.5	94.2	19 600*	66.9	96.5	22 100*																24.0
26.0	53.7	92.8	18 500*	63.4	95.6	21 800*																26.0
28.0	49.7	91.2	17 400*	59.9	94.5	21 500*	65.4	95.6	21 800*													28.0
30.0	45.4	89.4	16 300*	56.2	93.3	20 700*	61.9	94.6	21 100													30.0
32.0	40.9	87.3	15 300*	52.3	91.8	19 900*	58.3	93.5	19 300													32.0
34.0	35.8	84.8	14 400*	48.2	90.2	19 000*	54.5	92.2	17 900													34.0
36.0	30.0	81.7	13 500*	43.9	88.2	18 100*	50.6	90.6	16 600	60.5	93.0	14 200										36.0
38.0	23.0	77.7	12 800*	39.1	86.0	16 600*	46.4	88.9	15 500	56.8	91.8	13 200										38.0
40.0				33.9	83.3	15 200*	41.9	86.8	14 500	53.0	90.4	12 300										40.0
42.0				27.8	79.9	14 100*	37.0	84.4	13 500	48.9	88.7	11 500										42.0
44.0				20.0	75.4	13 000*	31.4	81.4	12 700	44.6	86.9	10 800	55.0	89.5	8 900							44.0
46.0							24.8	77.7	12 000	40.0	84.7	10 100	51.1	88.0	8 300							46.0
48.0							15.7	72.3	11 200	34.8	82.0	9 500	46.9	86.2	7 800							48.0
50.0										28.9	78.8	9 000	42.5	84.2	7 300							50.0
52.0										21.5	74.6	8 400	37.6	81.8	6 900	48.8	84.9	5 400				52.0
54.0													32.1	78.9	6 500	44.5	83.1	5 000				54.0
56.0													25.6	75.3	6 100	39.8	80.8	4 700				56.0
58.0													17.0	70.2	5 700	34.6	78.2	4 400				58.0
60.0																28.7	75.0	4 100	46.0	81.2	3 100	60.0
62.0																21.2	70.7	3 800	41.5	79.1	2 800	62.0
64.0																			36.5	76.7	2 600	64.0
66.0																9.3	63.4	3 600	30.8	73.7	2 400	66.0
68.0																			24.0	69.8	2 200	68.0
																			14.6	64.1	2 000	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

61.0m (200 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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	
15.2	74.1	101.5	21 200*																			15.2
16.0	72.9	101.2	21 000*																			16.0
18.0	69.8	100.6	20 600*																			18.0
20.0	66.7	99.8	20 200*																			20.0
22.0	63.5	98.8	19 300*																			22.0
24.0	60.2	97.8	18 400*	68.7	99.8	20 700*																24.0
26.0	56.9	96.5	17 500*	65.6	99.0	20 400*																26.0
28.0	53.3	95.1	16 500*	62.4	98.0	19 800*																28.0
30.0	49.6	93.5	15 600*	59.1	96.9	19 000*	64.2	98.1	20 000*													30.0
32.0	45.7	91.7	14 700*	55.6	95.6	18 300*	61.0	97.0	19 200													32.0
34.0	41.5	89.6	13 800*	52.1	94.1	17 500*	57.6	95.8	17 700													34.0
36.0	37.0	87.2	13 000*	48.3	92.5	16 800*	54.1	94.5	16 500													36.0
38.0	31.8	84.3	12 300*	44.3	90.5	16 100*	50.5	92.9	15 300	59.6	95.3	13 000										38.0
40.0	25.8	80.6	11 600*	40.0	88.3	15 100*	46.6	91.2	14 300	56.2	94.1	12 100										40.0
42.0	18.1	75.7	11 100*	35.2	85.7	13 900*	42.5	89.1	13 400	52.7	92.7	11 400										42.0
44.0				29.9	82.6	12 900*	38.0	86.8	12 600	48.9	91.0	10 600										44.0
46.0				23.4	78.6	11 900*	33.0	84.0	11 800	45.0	89.2	10 000	54.5	91.8	8 100							46.0
48.0				14.5	72.8	11 100*	27.3	80.5	11 200	40.7	87.0	9 400	50.9	90.3	7 600							48.0
50.0							20.1	76.0	10 500	36.1	84.5	8 800	47.1	88.5	7 200							50.0
52.0										30.8	81.5	8 300	43.0	86.5	6 700	52.6	88.9	5 200				52.0
54.0										24.6	77.6	7 900	38.6	84.2	6 300	48.8	87.2	4 800				54.0
56.0										16.3	72.3	7 400	33.7	81.5	6 000	44.9	85.4	4 500				56.0
58.0													28.0	78.1	5 600	40.6	83.2	4 200				58.0
60.0													21.0	73.7	5 300	35.9	80.7	4 000	46.2	83.5	2 700	60.0
62.0													10.3	66.6	4 900	30.6	77.6	3 700	42.1	81.5	2 500	62.0
64.0																24.4	73.8	3 400	37.6	79.1	2 300	64.0
66.0																16.0	68.3	3 200	32.5	76.2	2 100	66.0
68.0																			26.7	72.7	1 900	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

61.0m (200 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			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	
15.2	75.3	104.6	19 800*																			15.2
16.0	74.1	104.4	19 700*																			16.0
18.0	71.3	103.8	19 300*																			18.0
20.0	68.5	103.1	18 600*																			20.0
22.0	65.5	102.2	17 900*																			22.0
24.0	62.6	101.2	17 200*																			24.0
26.0	59.5	100.1	16 400*	67.4	102.3	18 800*																26.0
28.0	56.3	98.9	15 600*	64.5	101.4	18 100*																28.0
30.0	53.0	97.5	14 800*	61.5	100.4	17 400*	66.2	101.4	18 300*													30.0
32.0	49.6	95.8	14 000*	58.4	99.2	16 600*	63.2	100.5	17 700*													32.0
34.0	46.0	94.0	13 200*	55.2	97.9	15 900*	60.2	99.4	17 100*													34.0
36.0	42.1	92.0	12 500*	51.8	96.4	15 200*	57.0	98.2	16 300*													36.0
38.0	37.9	89.6	11 800*	48.3	94.8	14 500*	53.8	96.8	15 200*													38.0
40.0	33.3	86.8	11 200*	44.6	92.9	13 800*	50.4	95.2	14 100*	58.9	97.7	11 900										40.0
42.0	28.0	83.4	10 600*	40.7	90.7	13 200*	46.8	93.5	13 200*	55.7	96.4	11 100										42.0
44.0	21.6	79.1	10 100*	36.4	88.2	12 600*	43.0	91.5	12 400*	52.4	95.0	10 400*										44.0
46.0				31.5	85.2	11 800*	38.9	89.2	11 700*	48.9	93.3	9 800	57.4	95.5	7 900							46.0
48.0				26.0	81.6	10 900*	34.4	86.5	11 000*	45.3	91.5	9 200	54.2	94.1	7 400							48.0
50.0				18.9	76.7	10 200*	29.3	83.3	10 400*	41.3	89.4	8 600	50.8	92.6	6 900							50.0
52.0							23.2	79.2	9 800*	37.1	86.9	8 200	47.2	90.8	6 500							52.0
54.0							15.0	73.4	9 300*	32.4	84.0	7 700	43.4	88.9	6 100							54.0
56.0										27.0	80.5	7 200	39.4	86.6	5 700	48.8	89.5	4 300				56.0
58.0										20.2	75.9	6 800	34.9	83.9	5 400	45.2	87.7	4 000				58.0
60.0													29.9	80.8	5 100	41.2	85.5	3 700				60.0
62.0													24.0	76.9	4 800	37.0	83.1	3 500				62.0
64.0													16.2	71.4	4 500	32.2	80.2	3 300	42.6	83.8	2 000	64.0
66.0																26.8	76.7	3 000	38.5	81.5	1 900	66.0
68.0																20.0	72.0	2 800				68.0
70.0																9.5	64.4	2 600				70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

BRITISH
STANDARDS

888 SERIES 2

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

61.0m (200 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	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	74.2	107.3	18 000*																16.8
18.0	72.6	107.0	17 700*																18.0
20.0	70.0	106.3	17 100*																20.0
22.0	67.3	105.5	16 500*																22.0
24.0	64.5	104.6	15 900*																24.0
26.0	61.7	103.6	15 300*	69.0	105.6	17 300*													26.0
28.0	58.8	102.5	14 600*	66.3	104.8	16 600*													28.0
30.0	55.9	101.2	13 900*	63.5	103.8	16 000*													30.0
32.0	52.8	99.8	13 200*	60.7	102.8	15 300*	65.1	103.9	16 200*										32.0
34.0	49.5	98.1	12 500*	57.8	101.6	14 600*	62.4	102.9	15 600*										34.0
36.0	46.2	96.3	11 900*	54.8	100.2	13 900*	59.5	101.8	15 000*										36.0
38.0	42.6	94.3	11 300*	51.7	98.7	13 200*	56.5	100.5	14 400*										38.0
40.0	38.7	92.0	10 700*	48.4	97.1	12 600*	53.5	99.1	13 700*	61.2	101.2	11 900							40.0
42.0	34.5	89.3	10 200*	44.9	95.2	12 000*	50.3	97.5	13 100*	58.3	100.1	11 100							42.0
44.0	29.8	86.1	9 700*	41.3	93.0	11 300*	46.9	95.8	12 400	55.3	98.7	10 400							44.0
46.0	24.3	82.2	9 200*	37.3	90.6	10 800*	43.4	93.8	11 600	52.2	97.3	9 700							46.0
48.0	17.3	76.9	8 800*	32.9	87.7	10 200*	39.6	91.5	10 900	48.9	95.6	9 100	56.9	97.8	7 300				48.0
50.0				28.0	84.3	9 700*	35.5	88.9	10 300	45.5	93.8	8 600	53.8	96.4	6 900				50.0
52.0				22.1	80.1	9 300*	30.9	85.9	9 700	41.9	91.7	8 100	50.7	94.9	6 400				52.0
54.0				14.0	73.9	8 800*	25.6	82.2	9 200	38.0	89.3	7 600	47.3	93.1	6 100				54.0
56.0							19.1	77.3	8 700	33.7	86.5	7 200	43.8	91.2	5 700				56.0
58.0										28.9	83.2	6 800	40.1	88.9	5 400	48.8	91.8	4 000	58.0
60.0										23.2	79.1	6 400	36.0	86.4	5 000	45.4	90.0	3 700	60.0
62.0										15.6	73.5	6 100	31.5	83.4	4 700	41.8	87.9	3 500	62.0
64.0													26.3	79.8	4 500	37.9	85.5	3 200	64.0
66.0													19.9	75.1	4 200	33.6	82.7	3 000	66.0
68.0													10.3	67.7	3 900	28.7	79.4	2 800	68.0
70.0																23.0	75.3	2 600	70.0
72.0																15.3	69.5	2 400	72.0

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BRITISH
STANDARDS

888 SERIES 2

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

61.0m (200 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.2	110.5	16 300*																16.8
18.0	73.7	110.2	16 100*																18.0
20.0	71.3	109.5	15 600*																20.0
22.0	68.8	108.8	15 200*																22.0
24.0	66.2	108.0	14 600*																24.0
26.0	63.6	107.1	13 900*	70.4	108.8	15 500*													26.0
28.0	61.0	106.0	13 300*	67.9	108.1	15 200*													28.0
30.0	58.2	104.8	12 600*	65.3	107.2	14 500*													30.0
32.0	55.4	103.5	11 900*	62.7	106.2	13 900*													32.0
34.0	52.5	102.1	11 200*	60.0	105.1	13 200*	64.2	106.3	14 200*										34.0
36.0	49.5	100.4	10 600*	57.3	103.9	12 500*	61.6	105.3	13 500*										36.0
38.0	46.3	98.6	10 000*	54.4	102.6	11 900*	58.9	104.1	13 000*										38.0
40.0	43.0	96.6	9 500*	51.5	101.0	11 300*	56.1	102.8	12 300*										40.0
42.0	39.4	94.3	8 900*	48.4	99.4	10 600*	53.2	101.4	11 700*	60.5	103.6	10 900							42.0
44.0	35.6	91.7	8 400*	45.2	97.5	10 000*	50.2	99.8	11 100*	57.7	102.4	10 100							44.0
46.0	31.3	88.7	7 900*	41.8	95.4	9 400*	47.1	98.1	10 400*	54.9	101.1	9 500							46.0
48.0	26.4	85.1	7 500*	38.1	93.0	8 900*	43.8	96.1	9 900*	52.0	99.6	8 900							48.0
50.0	20.6	80.5	7 100*	34.1	90.2	8 400*	40.3	93.9	9 300*	48.9	97.9	8 400							50.0
52.0				29.7	87.0	7 900*	36.5	91.4	8 800*	45.7	96.1	7 900	53.5	98.7	6 300				52.0
54.0				24.5	83.1	7 500*	32.3	88.4	8 300*	42.4	94.0	7 400	50.6	97.2	5 900				54.0
56.0				18.1	78.0	7 100*	27.6	85.0	7 800*	38.7	91.7	7 000	47.4	95.4	5 500	51.9	95.8	3 700	56.0
58.0							22.0	80.6	7 400*	34.8	89.0	6 600	44.2	93.5	5 200	48.8	94.1	3 500	58.0
60.0							14.5	74.6	7 000*	30.5	85.9	6 200	40.7	91.3	4 900	45.6	92.3	3 200	60.0
62.0										25.4	82.1	5 900	36.9	88.8	4 600	42.3	90.2	3 000	62.0
64.0										19.3	77.3	5 600	32.8	85.9	4 300				64.0
66.0													28.2	82.5	4 000	38.6	87.9	2 800	66.0
68.0													22.7	78.3	3 800	34.7	85.2	2 600	68.0
70.0													15.6	72.6	3 500	30.3	82.0	2 400	70.0
72.0																25.3	78.3	2 200	72.0
74.0																19.1	73.4	2 000	74.0
76.0																9.6	65.5	1 800	76.0

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

61.0m (200 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	74.4	113.3	14 600*																18.3
20.0	72.4	112.8	14 300*																20.0
22.0	70.1	112.1	13 900*																22.0
24.0	67.7	111.3	13 500*																24.0
26.0	65.3	110.4	12 800*																26.0
28.0	62.8	109.5	12 100*	69.2	111.3	13 600*													28.0
30.0	60.3	108.4	11 500*	66.9	110.5	13 300*													30.0
32.0	57.7	107.2	10 800*	64.4	109.6	12 700*													32.0
34.0	55.1	105.8	10 200*	61.9	108.6	12 100*	65.8	109.6	12 700*										34.0
36.0	52.3	104.4	9 600*	59.4	107.5	11 400*	63.4	108.7	12 400*										36.0
38.0	49.5	102.7	9 100*	56.8	106.2	10 800*	60.9	107.6	11 800*										38.0
40.0	46.5	100.9	8 500*	54.1	104.9	10 200*	58.3	106.5	11 200*										40.0
42.0	43.4	98.9	8 000*	51.3	103.3	9 600*	55.7	105.2	10 600*										42.0
44.0	40.1	96.7	7 400*	48.5	101.7	9 000*	53.0	103.7	10 000*	59.8	106.0	10 000							44.0
46.0	36.5	94.2	7 000*	45.4	99.8	8 400*	50.1	102.1	9 400*	57.2	104.7	9 300							46.0
48.0	32.6	91.3	6 500*	42.2	97.7	7 900*	47.2	100.4	8 900*	54.6	103.4	8 800							48.0
50.0	28.2	87.8	6 100*	38.8	95.4	7 400*	44.1	98.4	8 300*	51.8	101.9	8 200							50.0
52.0	23.1	83.7	5 700*	35.2	92.7	7 000*	40.8	96.2	7 800*	48.9	100.2	7 800	56.0	102.5	6 100				52.0
54.0	16.6	78.1	5 200*	31.1	89.6	6 500*	37.3	93.8	7 300*	45.9	98.4	7 300	53.3	101.0	5 700				54.0
56.0				26.5	86.0	6 100*	33.5	91.0	6 800*	42.8	96.4	6 900	50.5	99.5	5 300				56.0
58.0				21.0	81.5	5 600*	29.2	87.7	6 400*	39.4	94.1	6 500	47.5	97.7	5 000				58.0
60.0				13.6	75.1	5 100*	24.3	83.7	5 900*	35.8	91.5	6 100	44.5	95.8	4 700	51.7	98.1	3 300	60.0
62.0							18.2	78.6	5 400*	31.8	88.5	5 800	41.2	93.6	4 400	48.9	96.4	3 000	62.0
64.0							8.7	70.2	4 900*	27.3	84.9	5 400	37.7	91.2	4 100	45.9	94.6	2 900	64.0
66.0										22.0	80.6	5 100	34.0	88.4	3 900	42.7	92.5	2 600	66.0
68.0										15.1	74.6	4 800	29.8	85.2	3 600	39.3	90.2	2 400	68.0
70.0													24.9	81.4	3 400	35.7	87.6	2 200	70.0
72.0													19.0	76.4	3 200	31.7	84.6	2 000	72.0
74.0													10.3	68.8	2 900	27.2	81.1	1 900	74.0