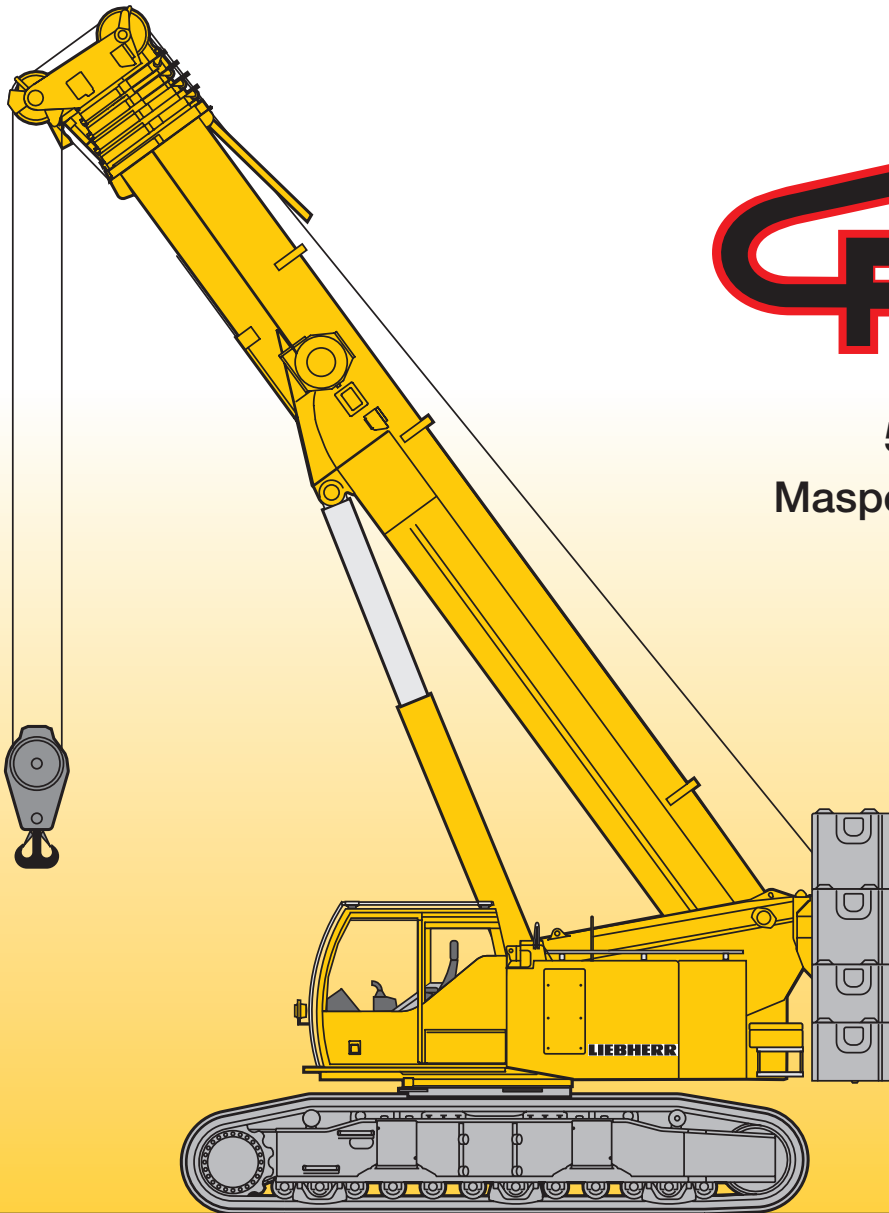


Telescopic Crawler Crane

LTR 1100

Technical Data



53-20 44th Street
Maspeth, Queens, NY 11378
(718) 784-1776

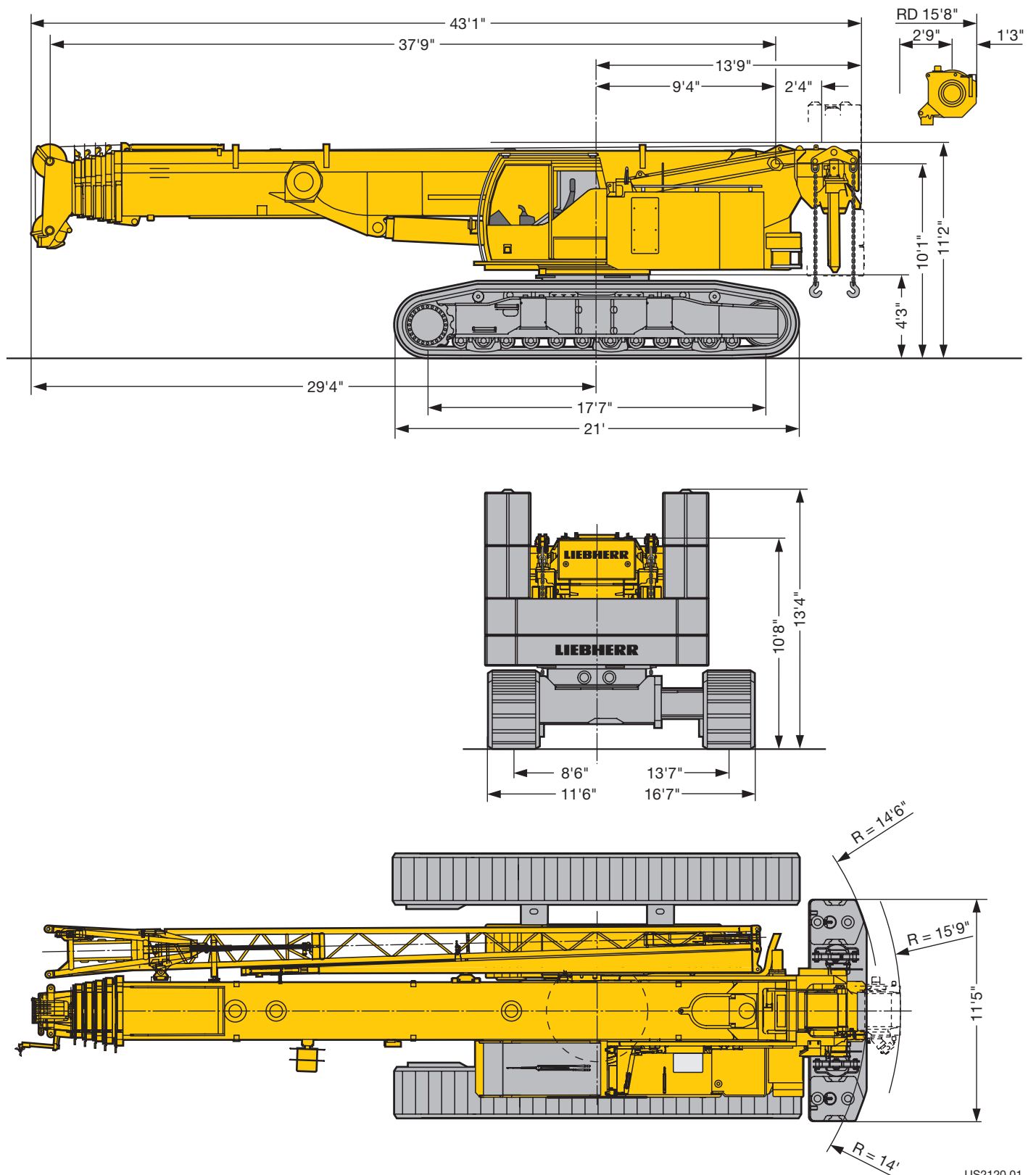
LIEBHERR

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Dimensions



US2120.01

Crane data

	Total driving force	148400 lbs
	Total weight with 70540 lbs counterweight, 33070 lbs central ballast and 3-sheave hook block	~ 225000 lbs
	Average ground pressure without jack-up cylinders at 225000 lbs total weight and with 2'11" track pads	15 lbs / inch ²
	normal gear rapid gear	0 – 0.6 mph 0 – 1.7 mph



Drive	infinitely variable	Rope diameter / Rope length	Max. single line pull
	0 – 361 ft/min single line	0'8" / 656 ft	19400 lbs
	0 – 361 ft/min single line	0'8" / 656 ft	19400 lbs
	0 – 1.8 rpm		
	approx. 60 seconds to reach 82° boom angle		
	approx. 360 seconds for boom extension from 38 ft – 171 ft		

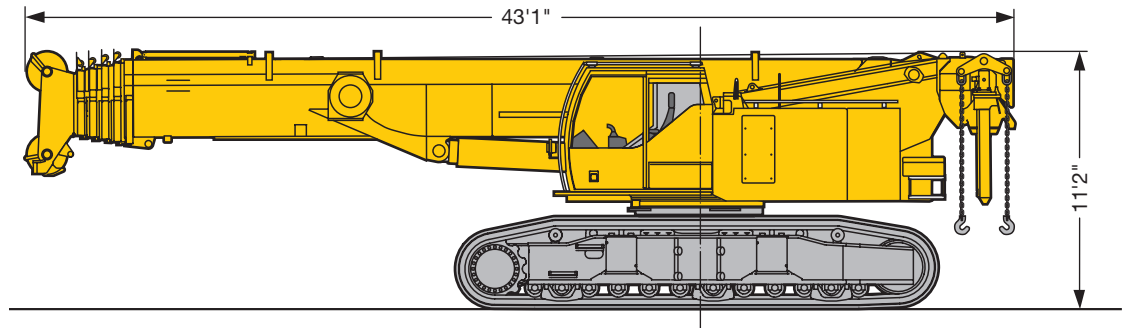


Load (kips)	No. of sheaves	No. of lines	Weight lbs
220	7	14	2730
200	5	11	1540
130.2	3	7	1102
57.5	1	3	992
19.4	–	1	550

Transportation plan

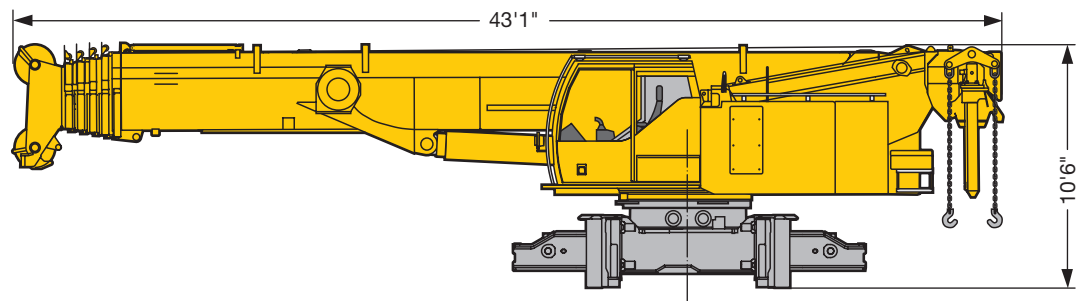
Basic machine, width 11'6", triple grouser crawler carrier 2'11"

115960 lbs



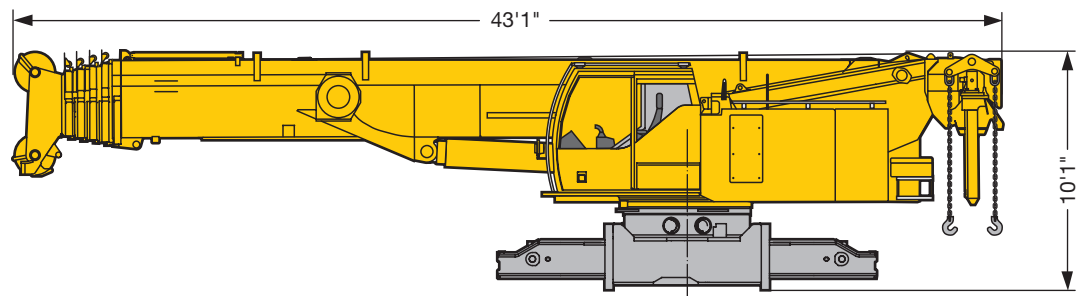
Basic machine, width 9'10", with jack-Up cylinder (optional)

80700 lbs



Basic machine, width 9'10"

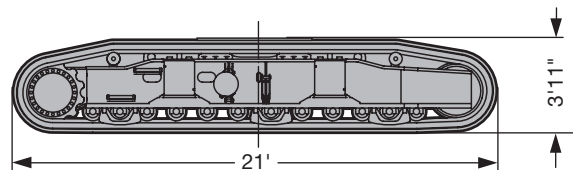
77600 lbs



Crawler carrier, 2 x, width 2'11"

19180 lbs (2x) triple grouser

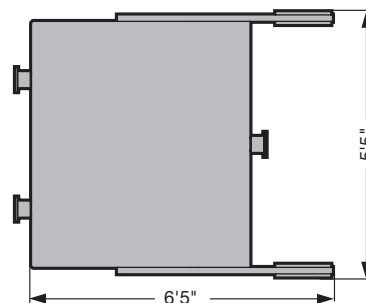
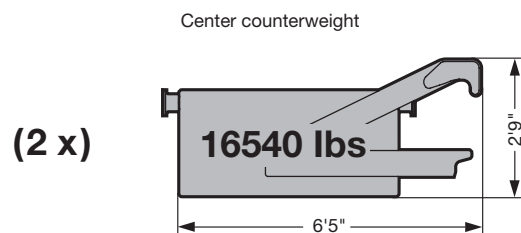
19620 lbs(2x) Flat track pads (optional)



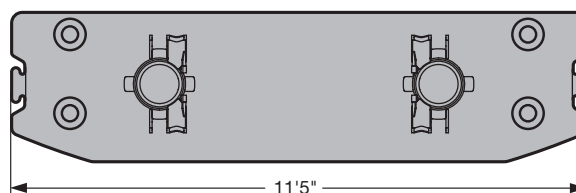
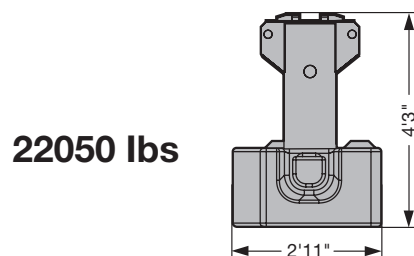
US2133.01

Transportation plan

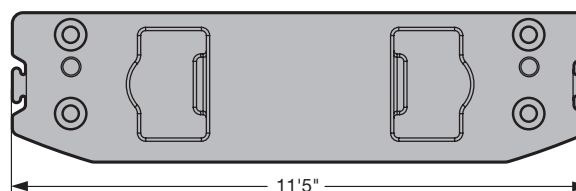
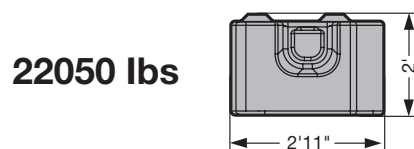
Counterweight versions



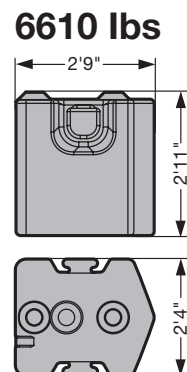
Part A
Superstructure ballast



Part B
Superstructure ballast

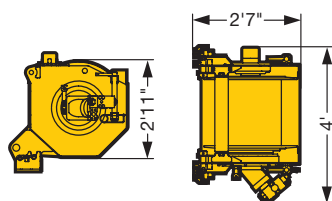


Part C



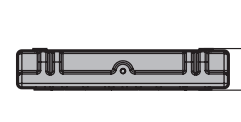
Winch 2 incl. rope

2870 lbs



Replacement ballast for winch 2

1985 lbs

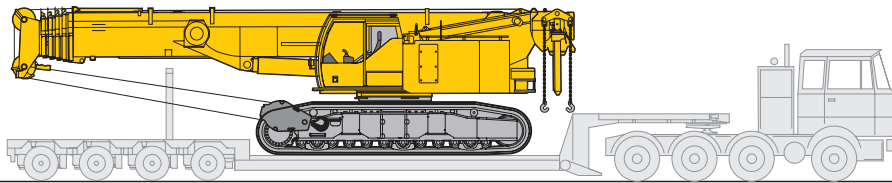


US2136

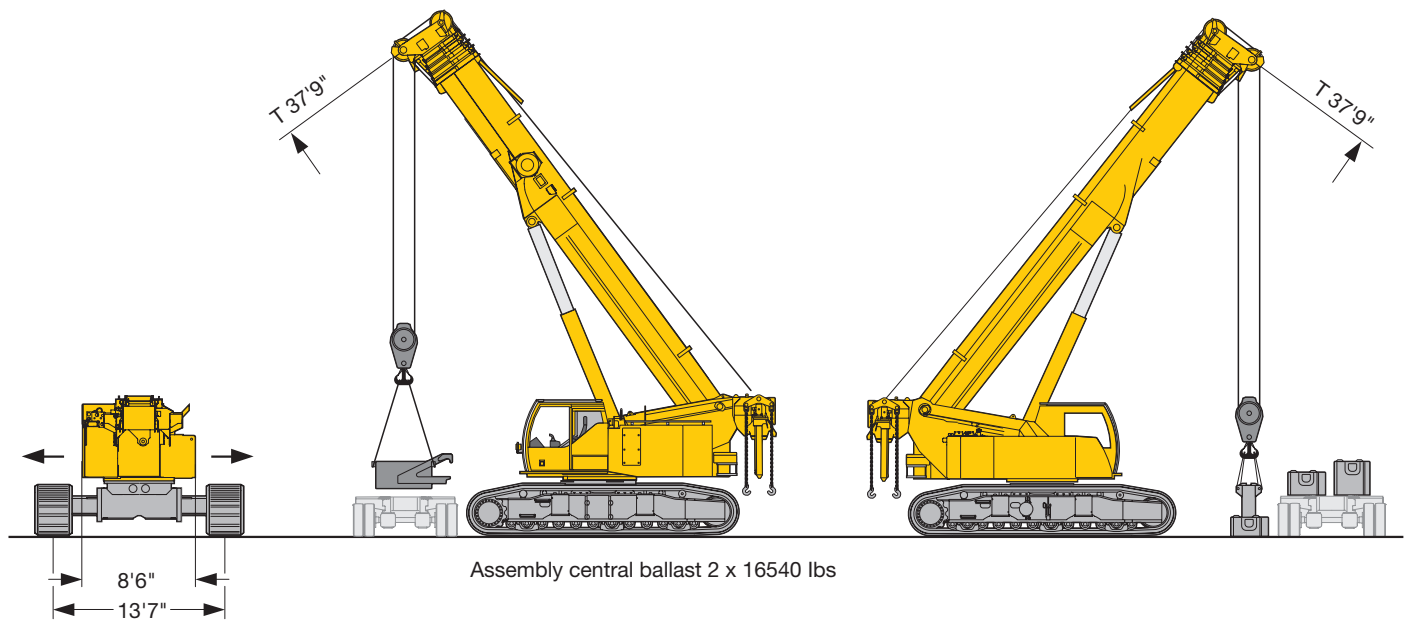
	Part A à 22050 lbs	Part B à 22050 lbs	Part C à 6610 lbs
57320 lbs*	1 x	1 x	2 x
70540 lbs	1 x	1 x	4 x

* standard

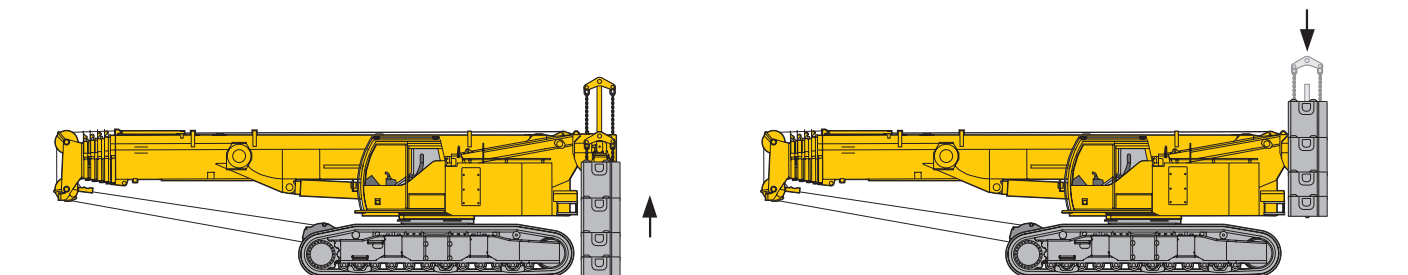
Transportation plan



Transport width 11'6" with crawlers (2'11")



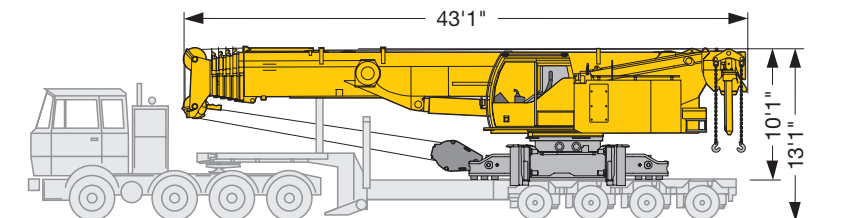
Telescope crawler travel gear out



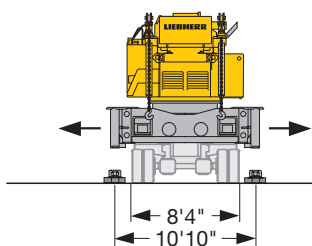
Assembly superstructure ballast

US2132.01

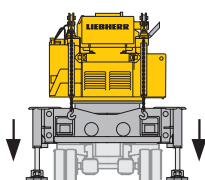
Transportation plan



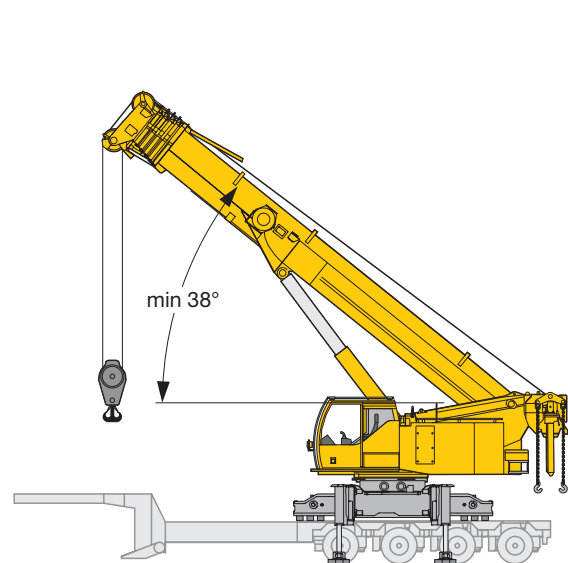
9'10" transport width on low loader up to 8'4" wide



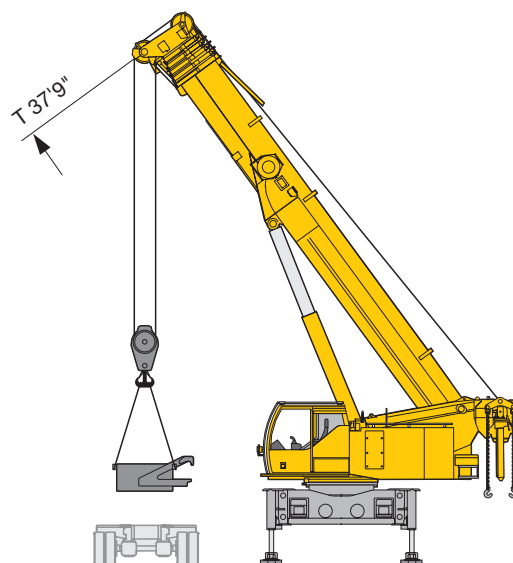
Swinging out the four jack-up cylinders



Supporting up the crane



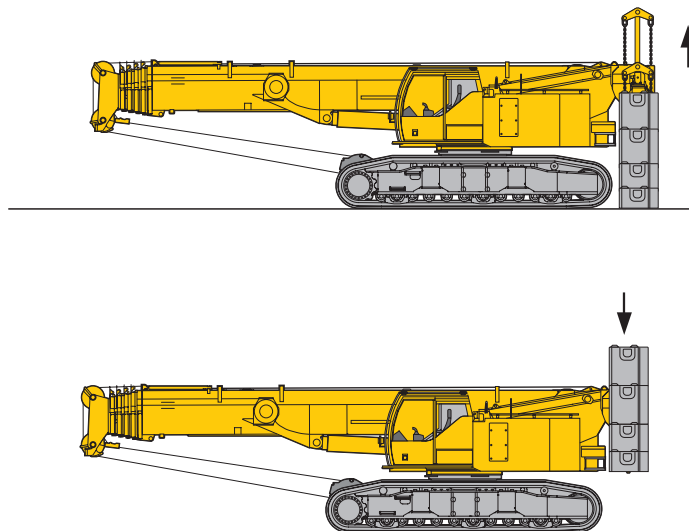
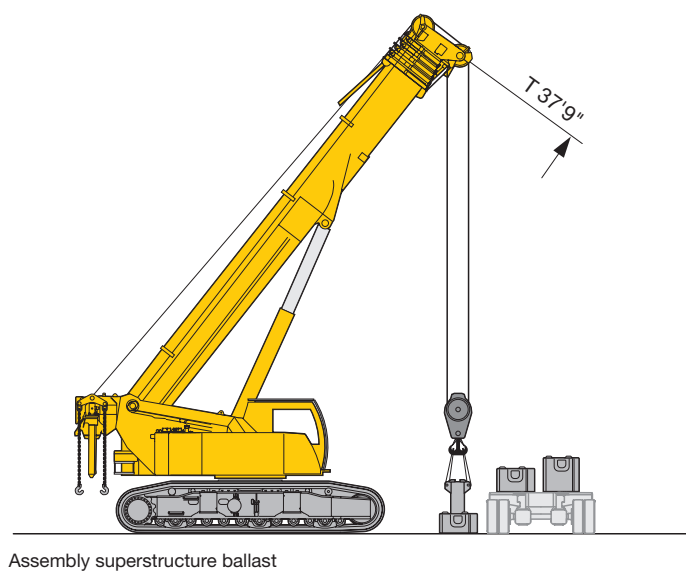
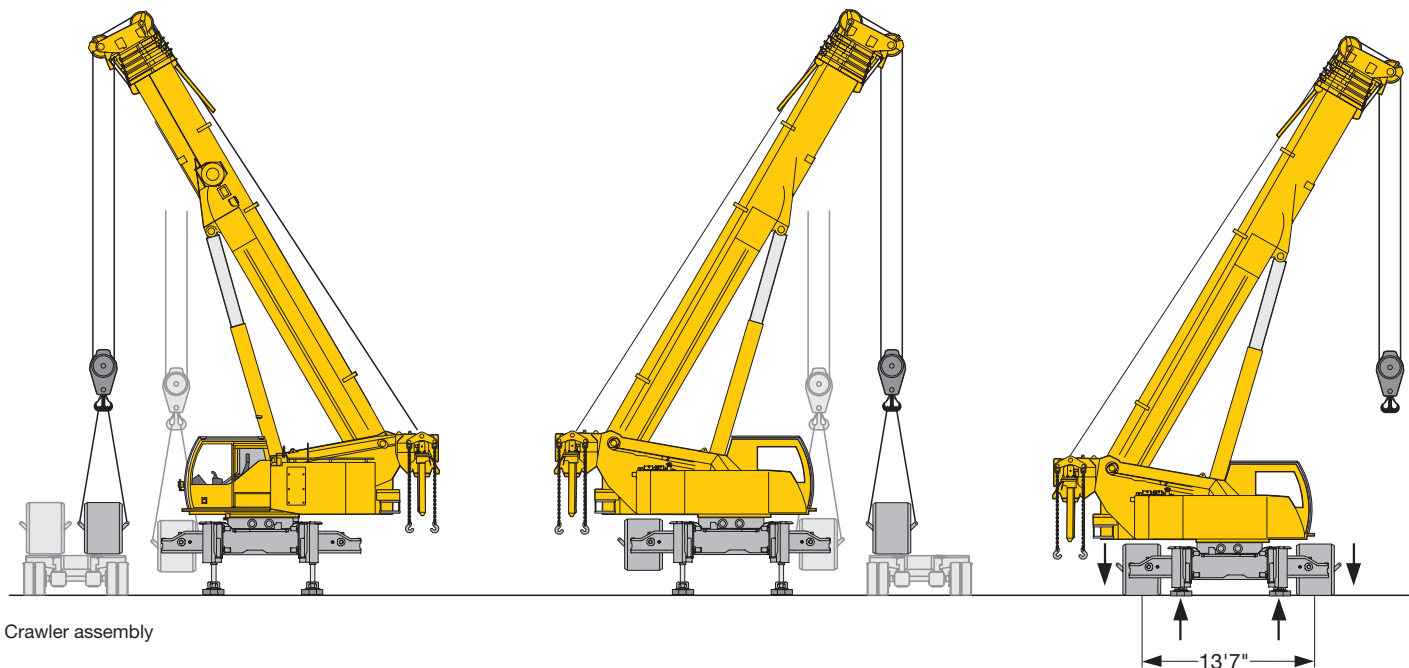
Boom lift to min. 38° on low loader



Central ballast assembly (2 x 16540 lbs)

US2134.01

Transportation plan



US2135.01

Lifting capacities on telescopic boom

	 38 – 171 ft	 360°	 70540 lbs	 33100 lbs	 85%	 0.3°							
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	187*												9
10	187*												10
11	185*												11
12	180	153	129										12
13	171	155	130										13
14	163	155	131	124	103								14
15	155	154	132	123	103								15
16	148	148	132	122	102	84							16
17	142	142	131	120	100	83							17
18	136	136	128	118	98.5	82	66.5	55.3					18
20	124	124	121	112	95.5	79.5	66	55.1					20
22	111	112	108	101	92.5	77.5	63.5	53.9	44.5				22
24	99.5	101	97.5	91	87.5	75.5	61.5	52.5	44.1				24
26	88	90	88	82.5	80	73.5	58.8	51	43.2	38.5			26
28		81	79.5	77	74	70.5	56.5	49.2	42.3	38	29.5		28
30		73	72	72	69	67	54.2	47.3	41.2	37.4	29.4		30
32		66	65.5	68	65	62	52.1	45.6	39.8	36.6	28.9	23.3	32
34		61	60.5	63.5	61.5	58.3	50.2	44	38.5	35.6	28.4	23	34
36		56.6	56.8	58.6	57.3	54.7	48.5	42.4	37.2	34.6	27.9	22.6	36
38		52.3	53.1	54	53.2	51.2	46.8	40.9	35.9	33.5	27.4	22.2	38
40			49.6	49.9	49.5	47.9	45.1	39.5	34.7	32.4	27	21.8	40
45			42	42.2	41.8	40.9	40	36.2	32	30.1	25.9	20.8	45
50			36.3	36.4	36	35.5	35.7	33.2	29.6	27.9	24.7	19.9	50
55				31.7	31.3	31.5	31.6	30.1	27.4	25.9	23.4	19.1	55
60					27.4	28.4	27.7	26.9	25.5	24.1	22	18.4	60
65					24.5	25.2	24.5	23.7	23.6	22.3	20.6	17.6	65
70					22	22.7	22.3	21.9	21.4	20.6	19.3	16.6	70
75						20.4	20.3	20.1	19.6	19.1	18	15.6	75
80						18.5	18.5	18.1	18.1	17.9	16.8	14.6	80
85						16.8	17.1	16.4	16.6	16.3	15.5	13.8	85
90							15.7	15.3	15.1	14.9	13.9	13	90
95							14.4	14.2	13.9	13.5	12.6	12.2	95
100								13.2	12.8	12.3	11.4	11.3	100
105								12.1	11.7	11.2	10.4	10.3	105
110								11.2	10.7	10.2	9.5	9.4	110
115									9.8	9.3	8.6	8.6	115
120									9	8.5	7.7	7.7	120
125										7.7	6.9	7	125
130										7	6.3	6.3	130
135										6.4	5.6	5.7	135
140											5.1	5.1	140
145												4.5	145
150												4	150
155												3.6	155

* with 35270 lbs superstructure ballast

TAB 1752001

Remarks referring to load charts

1. The tabulated lifting capacities do not exceed 85% of the tipping load.
2. The crane's structural steelwork is in accordance with DIN 15018, part 3. Design and construction of the crane comply with DIN 15018, part 2, and with F. E. M. regulations.
3. The 85% overturning limit values take into account wind force 5 = wind speed 20 mph.
4. Lifting capacities are given in kips.
5. The weight of the hook blocks and hooks must be deducted from the lifting capacities.
6. Working radii are measured from the slewing centreline.
7. The lifting capacities given for the telescopic boom only apply if the folding jib is taken off.
8. Lifting capacities above 183000 lbs only with additional pulley block.
9. Lateral inclination $\pm 0.3^\circ$, 1.5° , 2.5° and 4.0° .

Lifting capacities on telescopic boom

38 – 171 ft 360° 70540 lbs 33100 lbs 85% ± 1.5°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
16	118	111	96.5										16
17	115	109	95.5	79									17
18	109	106	94	79	65.5	53.3							18
20	97.5	98.5	90.5	78.5	65.5	53.3							20
22	87	88	83	74	65.5	53.1		38.1					22
24	77	79	76	70.5	64	53.3	45.8	37.9					24
26	67.5	71.5	70.5	68	62.5	53.8	45.8	37.6	31.6	27.6			26
28		65	65.5	64	58.6	52.3	44.9	37	31.2	27.6			28
30		59.5	61	59.7	54.9	50.3	43.8	36.4	30.8	27.4	23.1		30
32		55.2	58.3	56.1	51.7	47.4	42.7	35.8	30.3	27.2	22.8	19.4	32
34		51.3	55.1	52.8	48.9	44.9	41.4	35.2	29.9	26.9	22.6	19.3	34
36		47.7	51.5	49.6	46.4	42.7	40.1	34.6	29.4	26.6	22.4	19.2	36
38		44.2	48	46.5	43.8	40.6	38.7	34.1	29	26.2	22.2	19	38
40			44.7	43.5	41.4	38.6	37.3	33.3	28.5	25.9	22	18.8	40
45			38	37.2	36.1	34.7	33.1	30.2	26.9	25.1	21.5	18.4	45
50			32.7	31.9	31.7	31.4	29.7	27.2	25.3	23.7	21.1	18	50
55				27.5	28	28.3	26.7	24.7	23.5	22.1	20.3	17.6	55
60					25.1	25.2	24	22.9	21.5	20.4	19	17	60
65					22.6	22.6	21.5	20.6	19.6	18.8	17.3	16.1	65
70					20.1	19.9	19.2	18.3	17.3	16.2	14.7	13.8	70
75						17.8	17	16	14.9	13.7	12.2	11.6	75
80						16.1	14.9	14	12.8	11.5	10.2	9.6	80
85						14.2	13.1	12	11	9.8	8.5	7.9	85
90							11.6	10.6	9.5	8.3	7	6.4	90
95							10.2	9.3	8.2	7	5.7	5	95
100								8.1	7	5.8	4.4	3.8	100
105								7	5.9	4.7	3.3		105
110								6.1	4.9	3.7	2.4		110
115									4	2.8			115
120									3.2				120

TAB 1756301

38 – 171 ft 360° 70540 lbs 33100 lbs 85% ± 2.5°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
22	64.5	65	66	59.5									22
24	61.5	62	63	58.3									24
26	55.2	56.7	57.5	55.9	50.2								26
28		51.8	53.8	51.4	48.2								28
30		47.2	50.3	47.2	46.3	41.6							30
32		43.4	46.2	45.1	45.3	40.9	37.3						32
34		40.1	42.8	42.4	43.2	39.6	36.6						34
36		37.2	39.8	39.4	40.5	38.1	35.4						36
38		34.3	36.8	36.4	37.7	36.6	34.2	29.9					38
40			34.1	33.7	35.2	34.9	32.8	29.5					40
45			28.8	28.9	29.8	30	28.6	26.6	23.6				45
50			24.7	24.9	25.4	25.6	24.7	23.7	21.9				50
55				21.5	21.7	22.2	21.4	20.8	19.6	19	16.4	13.7	55
60					18.8	19.6	18.7	18.1	17.2	16.2	15	13.2	60
65					16.9	17	16.2	15.5	14.6	13.6	12.3	11.8	65
70					15.1	14.9	14	13.3	12.4	11.5	10.3	10	70
75						13	12.2	11.4	10.6	9.7	8.7	8.3	75
80						11.3	10.6	9.9	9.1	8.2	7.2	6.8	80
85						10	9.3	8.6	7.8	6.9	5.8	5.4	85
90							8.2	7.5	6.6	5.8	4.7	4.3	90
95							7.2	6.5	5.6	4.7	3.6	3.2	95
100								5.6	4.7	3.8	2.7		100
105								4.7	3.8	2.9			105
110								4	3.1	2.2			110
115									2.4				115

TAB 1756501

Lifting capacities on telescopic boom

38 – 148 ft 360° 70540 lbs 33100 lbs 85% 4.0°												
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	ft	
22	52.2										22	
24	49.6										24	
26	44.4										26	
28											28	
30		38.2									30	
32		34.9	33								32	
34		32.2	32								34	
36		29.7	30.4								36	
38		27.3	28.7	23.6							38	
40			27.1	23.5							40	
45			22.6	22.5	19.8						45	
50			19.1	19.6	18.7						50	
55				16.7	17.1	15.7					55	
60					15.1	14.1	11.9	6.6			60	
65					13	12.7	11.1	7.5			65	
70					11.3	11.1	10.2	7.6	4.4		70	
75						9.8	9.1	7.4	4.6	4	75	
80						8.6	8	7	4.6	4	80	
85						7.5	6.9	6.4	4.6	4	85	
90							6	5.5	4.5	3.8	90	
95							5.2	4.7	4	3.2	95	
100								3.9	3.2	2.5	100	
105								3.3	2.5		105	
110								2.7	1.9		110	

TAB 1756801

Lifting capacities on telescopic boom

	 38 – 171 ft	 360°	 57320 lbs	 33100 lbs	 85%	 0.3°							
 ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	 ft
9	201*												9
10	200*												10
11	189*												11
12	179	153	129										12
13	169	155	130										13
14	161	155	131	124	103								14
15	153	153	132	123	103								15
16	146	146	132	122	102	84							16
17	139	139	129	118	100	83							17
18	132	131	121	112	98.5	82	66.5	55.3					18
20	117	116	108	99.5	94.5	79.5	66	55.1					20
22	102	103	96	89.5	86	77.5	63.5	53.9	44.5				22
24	89	92	86.5	82.5	79	74	61.5	52.5	44.1				24
26	78	80.5	78	78	73.5	69.5	58.8	51	43.2	38.5			26
28		72	71	72	68	64	56.5	49.2	42.3	38	29.5		28
30		65	64.5	66	63	59.2	54.1	47.3	41.2	37.4	29.4		30
32		59.3	60.5	61	58.4	55	51.7	45.6	39.8	36.6	28.9	23.3	32
34		54.6	56	56.3	54.4	51.5	49.2	43.8	38.5	35.6	28.4	23	34
36		50.5	51.8	52.1	50.8	48.5	46.5	42.1	37.2	34.6	27.9	22.6	36
38		46.3	47.7	47.9	47.1	45.5	43.8	40.3	35.9	33.5	27.4	22.2	38
40			44	44.2	43.8	42.7	41.4	38.6	34.7	32.4	27	21.8	40
45			37.1	37.3	36.9	37.5	36.6	34.3	32	30.1	25.9	20.8	45
50			31.9	32.1	31.8	32.6	31.8	30.2	29.2	27.6	24.7	19.9	50
55				27.8	27.7	28.4	27.9	26.9	26.3	25.2	23.4	19.1	55
60					24.2	24.9	24.7	24.2	23.6	23.1	21.9	18.4	60
65					21.3	22	21.9	21.7	21.7	21.3	19.9	17.6	65
70					19	19.7	20	19.7	19.6	19.2	18	16.6	70
75						18	18.1	17.9	17.7	17.3	16.1	15.5	75
80						16.8	16.3	16.3	15.9	15.4	14.4	14.3	80
85						15.2	14.8	14.7	14.3	13.8	12.8	12.7	85
90							13.6	13.4	13	12.4	11.5	11.4	90
95							12.5	12.2	11.8	11.2	10.4	10.3	95
100								11.2	10.7	10.2	9.3	9.3	100
105								10.1	9.6	9.2	8.4	8.4	105
110								9.3	8.7	8.3	7.5	7.5	110
115									7.9	7.5	6.7	6.7	115
120									7.2	6.7	6	6	120
125										6	5.3	5.3	125
130										5.4	4.7	4.7	130
135										4.9	4.1	4.1	135
140											3.6	3.6	140
145												3.1	145
150												2.6	150
155												2.2	155

* with 35270 lbs superstructure ballast

TAB 1752002

Lifting capacities on telescopic boom

38 – 171 ft 360° 57320 lbs 33100 lbs 85% 1.5°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	161												9
10	159	125	111	90									10
11	150	125	109	89	75.5								11
12	142	124	107	88.5	75								12
13	135	121	105	88	74	62.5							13
14	129	118	103	87	74	61.5							14
15	124	115	101	86	74	61							15
16	119	112	98	85	73	60	50.2						16
17	113	107	94	83	72	59.6	49.9						17
18	106	102	89.5	81.5	71	58.9	49.5	39.8					18
20	92.5	92	81	77	69	57.6	48.5	39.6					20
22	82.5	83	74.5	71	64.5	56.4	47.6	38.9	32.7				22
24	74	75	69.5	65.5	59.8	54.2	46.8	38.3	32.4				24
26	67	67.5	66	61	55.6	51	45.9	37.6	31.7	28			26
28		62	61.5	56.8	52	47.9	44.6	37	31.2	27.7	23.1		28
30		56.9	57.1	53	48.6	44.9	43	36.4	30.8	27.4	23.1		30
32		52.4	52.7	49.8	45.7	42.3	40.6	35.8	30.3	27.2	22.8	19.4	32
34		48.5	49	46.8	43.2	40.4	38.4	34.6	29.9	26.9	22.6	19.3	34
36		45.1	45.8	44	40.9	38.8	36.5	33	29.4	26.6	22.4	19.2	36
38		41.7	42.5	41.2	38.6	37.2	34.5	31.4	29	26.2	22.2	19	38
40			39.7	38.6	36.5	35.6	32.7	30	28.3	25.8	22	18.8	40
45			34.2	33.2	32	31.6	29	27.7	25.5	24.4	21.5	18.4	45
50			30.2	29	28.1	28	26.3	25	23.5	22.4	20.3	18	50
55				25.8	24.7	24.8	24	22.5	21.6	20.3	18.6	17.3	55
60					21.9	22	21.9	20.3	19.6	18.3	16.7	16	60
65					19.6	19.7	19.7	18.9	18	16.6	15	14.4	65
70					17.8	18.3	17.7	16.9	15.8	14.5	12.9	12.4	70
75						16.7	15.7	14.8	13.5	12.3	10.9	10.3	75
80						14.8	13.7	12.7	11.5	10.3	9	8.4	80
85						13	11.9	11	9.9	8.7	7.4	6.8	85
90							10.5	9.6	8.5	7.3	6	5.3	90
95							9.3	8.3	7.2	6	4.7	4.1	95
100								7.1	6	4.9	3.5	2.9	100
105								6.1	5	3.8			105
110								5.2	4	2.9			110
115									3.2				115
120									2.4				120

TAB 1756302

Lifting capacities on telescopic boom

38 – 171 ft 360° 57320 lbs 33100 lbs 85% ± 2.5°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
13	118	114	90										13
14	110	109	90										14
15	101	103	89	71									15
16	93.5	95	85	72.5									16
17	87.5	89	81	71									17
18	82	83	77.5	68	57.6								18
20	71.5	72.5	71.5	62.5	57.2								20
22	63.5	65	67.5	60.5	54.8	48.6							22
24	56.8	58.6	62	57.7	51.9	47							24
26	51	52.7	56	53.8	48.5	44.1	40.7						26
28		48	51.1	50	45.6	41.5	39						28
30		43.7	46.6	46.2	42.9	39.3	37.1	32.2					30
32		40	42.8	42.4	40.5	37.9	35.2	31.3	25.9				32
34		36.9	39.5	39.1	38.4	36.4	33.4	30.3	25.6				34
36		34.2	36.7	36.3	36.4	34.8	31.8	29.2	25.1				36
38		31.5	33.9	33.5	34.4	33.3	30.2	28.1	24.7	22.4			38
40			31.3	31	32.4	31.6	28.8	27	24.1	22.3			40
45			26.5	26.7	27.2	27.3	26.3	24.5	22.7	21.3	17.2	14	45
50			22.5	22.8	23.1	23.6	23	21.8	20.8	19.5	16.9	13.8	50
55				19.5	20	20.4	19.8	19	18.2	17.1	15.5	13.5	55
60					17.7	17.7	16.9	16.2	15.3	14.3	13.1	12.7	60
65					15.5	15.3	14.4	13.7	12.7	11.8	10.8	10.4	65
70					13.6	13.2	12.4	11.7	10.9	10	8.9	8.5	70
75						11.5	10.7	10.1	9.3	8.4	7.3	6.9	75
80						10.1	9.4	8.7	7.9	7	5.9	5.5	80
85						8.9	8.1	7.4	6.6	5.7	4.6	4.2	85
90							7.1	6.4	5.5	4.7	3.5	3.1	90
95							6.1	5.4	4.6	3.7	2.6		95
100								4.6	3.7	2.8			100
105								3.8	2.8				105
110								3.1	2.2				110

TAB 1756502

38 – 148 ft 360° 57320 lbs 33100 lbs 85% 4.0°											
 ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	 ft
18	57.7										18
20	56.6										20
22	50.2	49.2									22
24	44.7	46.7									24
26	39.9	41.8	40.7								26
28		37.9	38.8								28
30		34.3	36.3	33.4							30
32		31.3	33.2	32.3							32
34		28.7	30.7	30.6							34
36		26.5	28.4	28.6							36
38		24.2	26.2	26.6	24.6						38
40			24.1	24.7	24.1						40
45			20	20.6	20.1	18					45
50			16.7	17.3	17.7	16.5					50
55				14.5	15.4	14.7	11.7	7.3			55
60					13.1	12.8	11.2	7.3	4.6		60
65					11.2	11.1	10.3	7.3	4.5	4	65
70					9.8	9.6	9	7.3	4.5	4	70
75						8.4	7.8	6.9	4.5	4	75
80						7.3	6.7	6.2	4.5	3.9	80
85						6.3	5.7	5.2	4.4	3.7	85
90							4.9	4.3	3.6	2.9	90
95							4.1	3.6	2.8		95
100								2.9			100

TAB 1756802

Lifting capacities on telescopic boom

38 – 171 ft 360° 44100 lbs 33100 lbs 85% 0.3°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	199*												9
10	197*												10
11	186*												11
12	176	153	129										12
13	167	155	130										13
14	159	151	131	124	103								14
15	151	145	130	122	103								15
16	142	134	123	113	102	84							16
17	133	126	115	106	99	83							17
18	123	118	108	100	95	82	66.5	55.3					18
20	105	103	94	89	86.5	79	66	55.1					20
22	90.5	91.5	84	82.5	78.5	72.5	63.5	53.9	44.5				22
24	78	80.5	76.5	75.5	71	66.5	60.5	52.5	44.1				24
26	68	70.5	71.5	68.5	64.5	60.5	57.2	51	43.2	38.5			26
28		63.5	65	63	59.5	56.1	53.2	48.9	42.3	38	29.5		28
30		57.2	58.7	57.9	54.7	52	49.4	46.5	41.2	37.4	29.4		30
32		51.9	53.4	53.3	50.8	48.2	46.8	43.8	39.8	36.6	28.9	23.3	32
34		47.6	49	49.3	47.3	45.3	44.1	41.3	38.2	35.5	28.4	23	34
36		43.9	45.3	45.5	44.3	43.1	41.5	38.8	36.4	34.3	27.9	22.6	36
38		40.2	41.6	41.8	41.3	40.9	38.8	36.4	34.7	33	27.4	22.2	38
40			38.3	38.5	38.4	38.6	36.5	34.2	33	31.6	27	21.8	40
45			32.1	32.3	32.2	32.9	32.1	30.4	29	27.7	25.9	20.8	45
50			27.5	28.3	27.5	28.3	28	27.1	26.1	25.2	23.7	19.9	50
55				24.9	23.7	24.5	24.5	24.2	23.6	22.7	21.2	19.1	55
60					20.6	21.6	21.8	21.8	21.2	20.1	18.7	18.2	60
65					18.2	19.6	19.4	19.2	18.8	17.9	16.5	16.2	65
70					16.9	17.6	17.3	17.1	16.7	16	14.7	14.4	70
75						15.8	15.5	15.3	14.8	14.2	13.1	12.9	75
80						14.2	13.9	13.7	13.1	12.5	11.6	11.5	80
85						12.8	12.5	12.3	11.7	11.2	10.3	10.2	85
90							11.3	11.1	10.6	10	9.2	9.1	90
95							10.2	10	9.5	9	8.2	8.1	95
100								9	8.5	8	7.2	7.2	100
105								8.1	7.6	7.1	6.4	6.4	105
110								7.3	6.8	6.3	5.6	5.6	110
115									6.1	5.6	4.8	4.9	115
120									5.4	4.9	4.2	4.2	120
125										4.3	3.6	3.6	125
130										3.8	3	3	130
135										3.3	2.5	2.5	135
140											2.1		140

* with 35270 lbs superstructure ballast

TAB 1752004

Lifting capacities on telescopic boom

 38 – 171 ft  360°  44100 lbs  33100 lbs 85%  1.5°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	161		111	92									9
10	159	125	111	92	77								10
11	150	125	109	90.5	77								11
12	142	124	107	89.5	76.5								12
13	135	120	104	88	75.5	62.5							13
14	129	113	98	87	75	61.5							14
15	123	106	92	85.5	73.5	61							15
16	114	100	87	81.5	72.5	60	50.2						16
17	107	95	83	78	70	59.3	49.9						17
18	100	90	80.5	74.5	67	58.2	49.5	39.8					18
20	87.5	80.5	74.5	67.5	61	55.6	48.5	39.6					20
22	78	73.5	68	62	56.4	51.5	47.4	38.9	32.7				22
24	70	67	62.5	57.4	52.2	48.3	45.3	38.3	32.4				24
26	63	61.5	57.7	53.1	48.4	46.2	42.2	37.6	31.7	28			26
28		55.9	53.7	49.5	45.3	43.4	39.6	36	31.2	27.7	23.1		28
30		50.9	49.9	46.1	42.4	40.7	37.3	34.4	30.7	27.4	23.1		30
32		46.8	46	43.3	39.9	38.3	35.6	33.1	30	27.2	22.8	19.4	32
34		43.4	42.8	40.6	37.7	36.2	33.9	31.7	29.1	26.6	22.6	19.3	34
36		40.6	39.9	38.2	35.7	34.3	32.1	30	28	25.8	22.4	19.2	36
38		37.7	37	35.8	33.6	32.4	30.4	28.4	26.9	25	22.2	19	38
40			34.5	33.6	31.7	30.7	28.9	27	25.8	24.1	21.8	18.8	40
45			29.6	29.3	27.7	27.1	26.1	24.6	23	21.3	19.4	18.3	45
50			26.1	25.9	24.1	24.2	23.4	22.2	20.6	19	17.2	16.5	50
55				23	21.1	21.8	21	19.9	18.4	17	15.3	14.7	55
60					18.8	19.7	18.9	17.9	16.5	15.2	13.6	13	60
65					17.4	17.7	17	16.2	14.9	13.6	12.1	11.6	65
70					16.1	16	15.3	14.7	13.5	12.3	10.8	10.4	70
75						14.5	13.8	13.1	12	10.8	9.4	8.9	75
80						13.1	12.4	11.4	10.3	9.2	7.9	7.3	80
85						11.7	10.8	9.8	8.7	7.6	6.3	5.7	85
90							9.5	8.5	7.4	6.3	4.9	4.3	90
95							8.3	7.3	6.2	5.1	3.7	3.1	95
100								6.2	5.1	3.9			100
105								5.2	4.1	2.9			105
110								4.4	3.2	2			110
115									2.4				115

TAB 1756304

Lifting capacities on telescopic boom

 38 – 171 ft  360°  44100 lbs  33100 lbs  85%  2.5°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	149	121	98	81									9
10	147	121	97.5	81									10
11	134	116	96	80	67.5								11
12	122	110	92.5	79	67.5								12
13	111	103	87.5	78	66.5								13
14	102	97.5	83.5	75.5	65.5	53.7							14
15	93.5	92.5	80.5	72.5	64	53.5							15
16	86.5	87.5	78	69.5	61.5	53							16
17	81	82.5	74.5	66.5	58.8	51.7							17
18	75.5	77.5	71.5	63.5	56.5	50.1	43.1						18
20	66	68	65	58.4	52.1	47	42.8	33.6					20
22	58.6	60.5	60	54.1	48.4	45	40.6	34					22
24	52.3	54	55.6	50.3	45.2	42.7	38.3	33.6	26.9				24
26	46.8	48.5	51.4	46.8	42.5	40	36	32.4	27				26
28		44.1	47	43.9	39.9	37.7	34.3	31.4	26.4	22.7			28
30		40	42.8	41.1	37.5	35.5	32.7	30.2	25.8	23	18		30
32		36.6	39.2	38.5	35.3	33.6	31	28.6	25.3	22.7	17.9	14.6	32
34		33.7	36.3	36	33.5	31.9	29.5	27.3	24.6	22.2	17.8	14.5	34
36		31.2	33.7	33.7	31.8	30.3	28.4	26.2	23.8	21.7	17.7	14.4	36
38		28.7	31.1	31.3	30	28.7	27.2	25.1	23.1	21.1	17.6	14.3	38
40			28.8	29.1	28.4	27.3	26	24	22.2	20.5	17.4	14.2	40
45			24	24.4	24.5	24.4	23.2	21.7	19.9	18.2	16.1	14	45
50			20.3	20.6	21.3	21.5	20.6	19.5	17.9	16.3	14.5	13.3	50
55				17.5	18.6	18.6	17.8	17	15.7	14.4	12.9	12.2	55
60					16.1	15.8	15	14.2	13.3	12.4	11.2	10.8	60
65					13.8	13.5	12.7	11.9	11.1	10.3	9.2	8.8	65
70					12	11.7	10.9	10.2	9.4	8.5	7.5	7.1	70
75						10.1	9.4	8.7	7.9	7	6	5.6	75
80						8.8	8.1	7.4	6.6	5.7	4.6	4.2	80
85						7.7	6.9	6.2	5.4	4.5	3.4	3.1	85
90							5.9	5.3	4.4	3.5	2.4		90
95							5.1	4.4	3.5	2.6			95
100								3.5	2.7				100
105								2.8					105
110								2.2					110

TAB 1756504

Lifting capacities on telescopic boom

38 – 171 ft 360° 44100 lbs 33100 lbs 85% 4.0°											
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	ft
10	110										10
11	104										11
12	96										12
13	87	74.5									13
14	79.5	74									14
15	73	72.5									15
16	67.5	68.5	50.5								16
17	63	64.5	50.4								17
18	58.7	60.5	50.1								18
20	50.8	52.9	49.1								20
22	44.9	46.9	45.4	35							22
24	39.8	41.7	42.1	34.8							24
26	35.4	37.3	39.2	34.4							26
28		33.7	35.8	33.5	22.1						28
30		30.4	32.6	32.1	25.8						30
32		27.6	29.7	29.3	25.5	19					32
34		25.3	27.3	27	24.7	19					34
36		23.2	25.2	25.2	23.5	18.8					36
38		21.2	23.1	23.4	22.3	18.7	11.7				38
40			21.1	21.7	21	18.4	11.7				40
45			17.3	17.9	17.6	16.9	11.7	7.3			45
50			14.3	14.9	15.3	14.5	11.7	7.3			50
55				12.4	13.2	12.5	11.3	7.3	4.7	4	55
60					11.1	11	10.3	7.3	4.6	4	60
65					9.6	9.4	8.8	7.3	4.5	4	65
70					8.3	8.1	7.5	6.7	4.5	4	70
75						6.9	6.4	5.9	4.5	3.8	75
80						5.9	5.4	4.8	4.2	3.4	80
85						5.1	4.4	3.9	3.2	2.5	85
90							3.7	3.1	2.5		90
95							3	2.4			95

TAB 1756804

Lifting capacities on telescopic boom

38 – 171 ft 360° 22000 lbs 33100 lbs 85% 0.3°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	195*												9
10	193*												10
11	182	152	129										11
12	169	146	127										12
13	152	134	122	109									13
14	138	123	112	103	93								14
15	124	113	103	97	91.5								15
16	113	105	96	92	85.5	76.5							16
17	104	98	90.5	86.5	80	74							17
18	96.5	91.5	85.5	81.5	75.5	70	59.1	55					18
20	81	79	76	71.5	66.5	62.5	58.4	54.3					20
22	69	70.5	68	64	60.5	56.3	53.8	50	44.5				22
24	59.3	62.5	61	57.7	54.6	51.6	49.5	46.3	43.1				24
26	51.5	54.7	54.9	52.2	49.5	48.1	45.4	43	40.5	37.5			26
28		48.8	49.8	47.8	45.4	44.4	42.1	39.8	37.5	35	29.5		28
30		43.5	44.9	43.8	41.6	40.9	39	36.8	34.6	32.5	29.4		30
32		39.2	40.7	40.7	38.4	37.8	36.1	34.4	32.1	31.3	28.9	23.3	32
34		35.8	37.2	37.9	35.7	35.3	33.9	32.4	30.2	29.7	27.7	23	34
36		32.9	34.3	35.2	33.3	33.1	32.1	30.7	28.8	27.9	26	22.6	36
38		29.9	31.4	32.6	30.9	30.9	30.3	28.9	27.4	26.1	24.3	22.2	38
40			28.8	30.1	28.8	29	28.5	27.3	25.9	24.5	22.7	21.6	40
45			24	25.2	25.1	25.4	24.5	23.5	22.3	21	19.4	18.8	45
50			20.2	21.4	21.6	21.9	21.3	20.4	19.3	18.2	16.7	16.3	50
55				18.3	18.5	18.8	18.5	17.8	16.8	15.8	14.4	14	55
60					16	16.3	16	15.6	14.7	13.7	12.4	12.1	60
65					14	14.3	14	13.5	12.8	12	10.7	10.5	65
70					12.3	12.6	12.2	11.8	11.2	10.5	9.3	9	70
75						11.1	10.7	10.4	9.8	9.2	8	7.8	75
80						9.8	9.4	9.2	8.6	8	6.9	6.7	80
85						8.6	8.3	8.1	7.6	7	5.9	5.7	85
90							7.3	7.1	6.6	6.1	5	4.8	90
95							6.4	6.2	5.7	5.2	4.2	4.1	95
100								5.4	4.9	4.4	3.5		100
105								4.7	4.1	3.7			105
110								4.1	3.5	3.1			110
115									3				115
120									2.4				120

* with 35270 lbs superstructure ballast

TAB 1752006

Lifting capacities on telescopic boom

38 – 171 ft 360° 22000 lbs 33100 lbs 85% ± 1.5°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	150	120	101	91.5	76								9
10	147	119	100	90.5	75.5								10
11	133	110	96	85	73								11
12	121	101	90.5	79.5	69.5								12
13	111	94.5	84.5	74.5	65.5	58							13
14	102	88	79.5	70	62.5	56.6							14
15	94.5	82.5	74.5	66.5	59.3	54.8							15
16	88	78	70	63	56.4	52.2	46.6						16
17	82.5	74	66.5	59.7	53.7	49.9	45.6						17
18	78	70	63	56.9	51.3	47.8	43.7	37.3					18
20	68.5	62	56.8	51.5	46.7	43.8	40.3	37					20
22	60.5	56.4	51.9	47.5	42.9	40.4	37.8	35	31.3				22
24	53.4	51.3	47.4	44.1	39.5	37.7	35.5	32.9	30.2				24
26	47.5	46.8	43.6	41.4	36.5	35.6	33.2	30.7	28.2	25.6			26
28		42.5	40.4	38.6	33.9	33.6	31.1	28.8	26.5	24.2	20.8		28
30		38.5	37.4	35.9	31.7	31.5	29.1	27	24.8	22.7	20.5		30
32		35.3	34.9	33.6	30.4	29.6	27.3	25.4	23.4	21.4	19.2	17.8	32
34		32.6	32.5	31.6	29	28	25.8	24	22	20.2	18.1	17.2	34
36		30.3	30.3	29.7	27.6	26.4	24.4	22.7	20.8	19	17	16.2	36
38		28.1	28	27.9	26.2	24.9	23	21.4	19.6	17.9	16	15.2	38
40			25.9	26.1	24.8	23.5	21.7	20.2	18.5	16.9	15	14.3	40
45			22	22.3	21.7	20.6	19	17.6	16.2	14.7	13	12.3	45
50			19.2	19.3	18.9	18.2	16.8	15.6	14.2	12.8	11.2	10.7	50
55				16.8	16.5	16.2	14.9	13.7	12.5	11.2	9.7	9.2	55
60					14.5	14.3	13.2	12.2	11	9.8	8.4	7.9	60
65					12.8	12.7	11.8	10.8	9.7	8.6	7.2	6.8	65
70					11.4	11.3	10.6	9.7	8.6	7.5	6.2	5.8	70
75						10	9.4	8.7	7.6	6.6	5.3	4.9	75
80						8.9	8.3	7.7	6.7	5.7	4.4	4.1	80
85						8	7.3	6.9	5.9	4.9	3.7	3.4	85
90							6.5	6.1	5.2	4.3	3	2.4	90
95							5.9	5.3	4.4	3.4			95
100								4.6	3.5				100
105								3.7					105
110								2.9					110

TAB 1756306

Lifting capacities on telescopic boom

38 – 171 ft 360° 22000 lbs 33100 lbs 85% ± 2.5°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	124	100	86	73.5									9
10	122	99	85	72.5									10
11	112	92	79.5	68.5	57.6								11
12	103	86	75	65	56.3								12
13	95.5	81	70.5	61.5	53.8								13
14	88	76	66.5	58.3	51.3	45.2							14
15	81	71.5	63	55.4	48.9	44.8							15
16	75	67.5	59.8	52.8	46.7	42.9							16
17	70	64	57	50.6	44.8	41.3							17
18	65.5	61	54.4	48.9	42.9	39.7	34.4	30.5					18
20	56.6	55	49.4	45.4	39.4	36.8	34.1	30.3					20
22	50.2	50.3	45.5	42.2	36.5	35	32	28.9	25.3				22
24	44.6	45.8	41.9	39.2	33.9	33.1	30	27.4	24.6				24
26	39.7	41.4	38.7	36.5	31.5	30.9	28.1	25.7	23.3	20.8			26
28		37.5	36.2	34.1	30.3	29.1	26.4	24.2	21.9	19.8	16.6		28
30		33.9	33.9	31.9	29.1	27.3	24.9	22.8	20.7	18.6	16.4		30
32		30.9	31.5	30	27.6	25.8	23.5	21.5	19.5	17.5	15.4	14.1	32
34		28.3	29.5	28.3	26.2	24.4	22.2	20.4	18.5	16.6	14.5	13.7	34
36		26.1	27.5	26.7	24.8	23.2	21.1	19.3	17.5	15.7	13.7	12.9	36
38		23.8	25.6	25.1	23.4	21.9	19.9	18.3	16.5	14.8	12.9	12.1	38
40			23.8	23.6	22.2	20.7	18.9	17.3	15.6	14	12.1	11.4	40
45			19.8	20.1	19.5	18.3	16.6	15.2	13.7	12.2	10.5	9.8	45
50			16.5	16.8	17.2	16.3	14.7	13.5	12.1	10.7	9	8.5	50
55				14	14.9	14.4	13.1	11.9	10.6	9.3	7.8	7.3	55
60					12.9	12.5	11.6	10.6	9.4	8.1	6.7	6.2	60
65					11	10.6	9.9	9.2	8.3	7.1	5.7	5.3	65
70					9.5	9.1	8.4	7.8	6.9	6	4.8	4.4	70
75						7.8	7.1	6.5	5.6	4.7	3.7	3.3	75
80						6.7	6	5.3	4.4	3.6			80
85						5.7	4.9	4.2	3.4	2.5			85
90							4	3.4	2.5				90
95							3.3	2.6					95

TAB 1756506

Lifting capacities on telescopic boom

38 – 148 ft 360° 22000 lbs 33100 lbs 85% 4.0°											
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	ft
9	96	75	53.2								9
10	95	74.5	53.2								10
11	87	71	52.7	38.2							11
12	79	67	51.9	38							12
13	71.5	63.5	50.8	37.7	29.4						13
14	65.5	60.5	48.5	37.3	29.2						14
15	59.8	57.9	46.1	37	29						15
16	55.1	55.1	44	36.5	28.8						16
17	51.1	52.2	42.7	36	28.5	19.7					17
18	47.6	49.1	42.1	35.4	28.2	19.8					18
20	40.9	43	40.5	34.3	27.7	19.9	11.5				20
22	35.9	37.9	37.6	32.6	27.3	19.7	12.1				22
24	31.5	33.5	34.7	30.7	26.3	19.5	12.4				24
26	27.8	29.7	31.7	28.7	24.8	19.4	12.2	8.7			26
28		26.6	28.7	27.2	23.4	19.1	12.1	8.4			28
30		23.9	25.8	25.7	22.1	18.6	12	8.1	5.6		30
32		21.5	23.4	23.9	21	17.8	11.9	7.9	5.5		32
34		19.5	21.3	22	19.9	17.2	11.9	7.8	5.4		34
36		17.7	19.5	20.2	18.8	16.9	11.8	7.7	5.3		36
38		16	17.7	18.3	17.7	16.5	11.8	7.6	5.2	4.1	38
40			16	16.7	16.7	15.9	11.7	7.5	5.2	4.1	40
45			12.8	13.4	14.1	13.6	11.5	7.4	5	4	45
50			10.5	11	11.7	11.5	10.4	7.3	4.8	4	50
55				9.1	9.8	9.6	9	7.1	4.7	4	55
60					8.2	8	7.4	6.6	4.6	4	60
65					6.8	6.7	6.1	5.6	4.5	4	65
70					5.7	5.5	5	4.5	3.7	3.1	70
75						4.6	4	3.5	2.8		75
80						3.7	3.1	2.6			80
85						2.9	2.3	1.8			85

TAB 1756806

Lifting capacities on telescopic boom

38 – 171 ft 360° 0 lbs 33100 lbs 85% ± 0.3°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	168												9
10	164												10
11	142	115	102										11
12	123	109	98.5										12
13	108	98.5	91.5	83									13
14	97	90	84	77	66.5								14
15	87	82.5	77	71	65.5								15
16	79	75.5	71	66	61	56.3							16
17	72.5	69.5	66	61.5	57	54.5							17
18	67	65	61.5	58.4	53.5	51.3	43.2	40.6					18
20	56.5	55.5	53.4	52	46.9	45.4	42.6	40.1					20
22	47.8	48.9	47.5	46.5	42	41.7	39.2	36.9	33.2				22
24	40.6	43	42.4	41.6	38.4	38.1	35.8	33.8	31.7				24
26	34.8	38	38	37.5	35.8	34.5	32.6	30.8	28.9	26.6			26
28		33.6	34.4	34.2	32.8	31.7	29.9	28.2	26.5	24.7	21.1		28
30		29.7	31.1	31.1	30	29	27.3	25.9	24.3	22.7	20.7		30
32		26.6	28.2	28.6	27.6	26.7	25.2	23.9	22.4	20.9	19	17.8	32
34		24	25.6	26.4	25.5	24.8	23.4	22.2	20.8	19.3	17.6	17	34
36		21.9	23.4	24.4	23.7	23.1	21.7	20.6	19.3	18	16.3	15.8	36
38		19.7	21.2	22.4	21.9	21.4	20.1	19.1	17.9	16.6	15	14.5	38
40			19.3	20.5	20.3	19.8	18.6	17.7	16.5	15.3	13.7	13.3	40
45			15.6	16.8	17	16.7	15.7	14.8	13.8	12.7	11.3	10.9	45
50			12.8	14	14.2	14.1	13.3	12.5	11.6	10.6	9.3	9	50
55				11.7	11.9	12	11.3	10.6	9.7	8.8	7.5	7.3	55
60					10	10.1	9.6	9	8.2	7.3	6.1	5.9	60
65					8.3	8.6	8.2	7.6	6.8	6	4.8	4.7	65
70					7	7.3	7	6.5	5.7	4.9			70
75						6.1	5.8	5.5	4.7				75
80						5.2	4.8	4.6					80
85						4.3	4	3.7					85
90							3.2						90

TAB 1752007

Lifting capacities on telescopic boom

 38 – 171 ft  360°  0 lbs  33100 lbs 85% ± 1.5°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	106	88.5	75.5	65.5	52.2								9
10	104	87	74.5	65	52								10
11	94	79.5	69	61.5	50.9								11
12	85	73	64	57.7	49.5								12
13	77	67.5	59.5	54	47.8	41.8							13
14	71	62.5	55.9	50.9	45.5	40.7							14
15	65.5	58.1	52.4	47.9	43.2	39.3							15
16	60.5	54.3	49.3	45.3	41	37.4	32.7						16
17	56.7	51.1	46.6	43	39	35.7	31.9						17
18	53.2	48.1	44.1	40.9	37.2	34.1	30.6	25.9					18
20	46.4	42.5	39.4	36.8	33.7	31.1	28.1	25.6					20
22	41.2	38.3	35.7	33.6	30.9	28.6	25.9	23.6	20.4				22
24	36.4	34.5	32.4	30.7	28.3	26.3	23.9	21.8	19.6				24
26	32	31.3	29.5	28.2	26.1	24.3	22.1	20.1	18.2	16.1			26
28		28.6	27.2	26	24.1	22.6	20.5	18.7	16.9	15	12.2		28
30		26.1	25	24	22.3	20.9	19	17.4	15.6	13.9	12		30
32		23.7	23.1	22.3	20.8	19.5	17.7	16.2	14.5	12.9	11	10	32
34		21.7	21.5	20.8	19.4	18.3	16.6	15.1	13.6	12	10.2	9.6	34
36		20	20	19.5	18.2	17.1	15.5	14.2	12.7	11.2	9.5	8.8	36
38		18.4	18.5	18.2	17	16	14.5	13.2	11.8	10.4	8.7	8.1	38
40			17.1	17	15.9	14.9	13.5	12.3	11	9.6	8	7.4	40
45			14.2	14.6	13.6	12.8	11.5	10.4	9.2	8	6.5	6	45
50			12	12.4	11.7	11.1	9.9	8.9	7.8	6.6	5.2	4.8	50
55				10.6	10.1	9.6	8.4	7.6	6.5	5.4	4	3.7	55
60					8.7	8.3	7.2	6.4	5.4	4.4	3	2.7	60
65					7.4	7.2	6.2	5.4	4.4	3.4	2.2	1.9	65
70					6.4	6.3	5.3	4.6	3.6	2.7			70
75						5.4	4.5	3.8	2.9				75
80						4.6	3.8	3.1					80
85						3.9	3.3	2.5					85
90							2.7	2					90
95							2.2						95

TAB 1756307

Lifting capacities on telescopic boom

38 – 171 ft 360° 0 lbs 33100 lbs 85% ± 2.5°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	86.5	71.5	60.5	53									9
10	85.5	70.5	59.8	52.6									10
11	78	65	56.1	49.5	39.4								11
12	71.5	60.5	52.6	46.7	39.1								12
13	65.5	56.3	49.3	44.1	38.7								13
14	61	52.7	46.5	41.8	37.1	30.6							14
15	56.6	49.3	43.8	39.6	35.3	30.5							15
16	52.9	46.4	41.5	37.7	33.6	30							16
17	49.7	43.9	39.4	35.9	32.2	29.1							17
18	46.9	41.6	37.5	34.3	30.8	27.9	23.1	19.6					18
20	41.5	37.1	33.8	31.2	28.2	25.7	22.8	19.5					20
22	37.1	33.7	30.8	28.7	26	23.7	21.2	18.7	16.1				22
24	33.2	30.6	28.2	26.4	24	22	19.6	17.6	15.6				24
26	29.6	27.9	25.9	24.4	22.2	20.4	18.2	16.3	14.4	12.5			26
28		25.7	23.9	22.6	20.7	19	17	15.2	13.4	11.7	9.1		28
30		23.6	22.1	21	19.2	17.7	15.8	14.2	12.5	10.8	8.9		30
32		21.6	20.5	19.6	17.9	16.6	14.8	13.3	11.6	10	8.2	7.3	32
34		19.9	19.2	18.3	16.8	15.6	13.9	12.4	10.9	9.3	7.6	6.9	34
36		18.5	17.9	17.2	15.8	14.6	13	11.6	10.2	8.7	7	6.4	36
38		17.1	16.7	16.1	14.8	13.7	12.2	10.9	9.4	8	6.4	5.8	38
40			15.5	15.1	13.8	12.9	11.4	10.1	8.8	7.4	5.8	5.3	40
45			13	13	11.9	11.1	9.7	8.6	7.3	6.1	4.6	4.1	45
50			11.2	11.2	10.3	9.6	8.3	7.3	6.1	5	3.5	3.1	50
55				9.6	9	8.3	7.1	6.2	5.1	4	2.6		55
60					7.8	7.2	6.1	5.2	4.1	3.1			60
65					6.7	6.3	5.2	4.3	3.3	2.3			65
70					5.8	5.5	4.4	3.6	2.6				70
75						4.7	3.8	3					75
80						4	3.2	2.4					80
85						3.5	2.7	1.9					85
90							2.1						90

TAB 1756507

38 – 148 ft 360° 0 lbs 33100 lbs 85% 4.0°											
 ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	 ft
9	66	53.5	44.6								9
10	65.5	53	44.3								10
11	60.5	49.7	41.8	34.2							11
12	56.2	46.6	39.5	33.3							12
13	52.3	43.8	37.4	31.6	26.2						13
14	49.1	41.4	35.7	30.3	25.4						14
15	45.8	39.1	34.1	29.1	24.5						15
16	42.3	37	32.4	27.9	23.4	19					16
17	39.2	35.2	31	26.9	22.5	18.7					17
18	36.3	33.6	29.7	26.2	21.5	18.3	12.7				18
20	30.9	30.4	27	24.6	19.8	17.5	12.7				20
22	26.8	27.8	24.9	22.8	18.9	16.6	12.5	9.1			22
24	23.2	25	23	21.1	18.1	15.7	12.2	9			24
26	20.1	22	21.2	19.6	17.4	14.7	11.8	8.7	5.8		26
28		19.5	19.7	18.3	16.4	14.3	11.4	8.4	5.7	4.3	28
30		17.2	18.3	17.1	15.3	13.8	11	8.1	5.6	4.3	30
32		15.2	16.8	16	14.3	13	10.8	7.9	5.5	4.2	32
34		13.6	15.4	14.9	13.5	12.2	10.3	7.7	5.4	4.2	34
36		12.3	13.9	13.8	12.7	11.5	9.8	7.4	5.3	4.2	36
38		10.9	12.4	12.7	11.9	10.8	9.2	7.2	5.2	4.1	38
40			11.1	11.6	11.2	10.1	8.6	6.9	5.1	4.1	40
45			8.8	9.3	9.7	8.8	7.4	6.2	4.8	3.6	45
50			7	7.5	8	7.6	6.3	5.2	4.1	2.9	50
55				5.9	6.5	6.4	5.4	4.4	3.2		55
60					5.2	5	4.5	3.6	2.5		60
65					4.1	4	3.4	2.8	1.9		65
70					3.2	3	2.5				70

TAB 1756807

Lifting capacities on telescopic boom

38 – 171 ft 360° 0 lbs 0 lbs 85% ± 0.3°													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	130												9
10	128												10
11	110	92.5	84										11
12	94.5	87.5	80										12
13	83	77.5	72	66									13
14	74	70	65.5	62	51.3								14
15	66	63.5	59.7	57.1	50.8								15
16	59.7	57.9	55.1	52.8	48.4	45							16
17	54.6	53.3	51.2	49.2	45.8	43.5							17
18	50.2	49.4	47.7	46	43.1	40.9	34	31.8					18
20	41.9	41.9	41	40	37.9	36	33.5	31.3					20
22	35.5	36.6	36.1	35.5	33.8	32.2	30	28.1	24.7				22
24	30.1	32.1	31.9	31.6	30.2	28.9	27	25.3	23.5				24
26	25.4	28.2	28.3	28.2	27.1	26	24.3	22.8	21.2	19.3			26
28		25	25.4	25.6	24.6	23.7	22.2	20.8	19.3	17.8	14.6		28
30		22	22.8	23.1	22.3	21.5	20.1	18.9	17.5	16.1	14.3		30
32		19.5	20.7	21.1	20.3	19.7	18.4	17.3	16	14.7	13	12	32
34		17.4	18.8	19.3	18.7	18.1	16.9	15.9	14.7	13.4	11.8	11.4	34
36		15.6	17.1	17.8	17.2	16.8	15.6	14.7	13.5	12.3	10.7	10.3	36
38		13.8	15.4	16.2	15.8	15.4	14.3	13.4	12.3	11.2	9.7	9.3	38
40			13.9	14.8	14.4	14.1	13.1	12.3	11.2	10.1	8.7	8.4	40
45			10.7	11.9	11.8	11.6	10.7	10	9.1	8.1	6.7	6.5	45
50			8.4	9.6	9.8	9.6	8.8	8.1	7.3	6.4			50
55				7.7	8	7.9	7.2	6.6	5.8				55
60					6.4	6.5	5.8						60
65					5.1	5.4	4.7						65
70					4	4.3							70

TAB 1752147

38 – 99 ft 360° 0 lbs 0 lbs 85% ± 1.5°							
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	ft
9	81	68.5	58.9	52			9
10	80	67.5	58.2	51.4	39.1		10
11	71.5	61.5	53.7	47.8	40.2		11
12	64.5	56.1	49.6	44.6	39.5		12
13	58.5	51.5	45.9	41.6	37.1	31.6	13
14	53.6	47.7	42.8	39.1	34.9	30.8	14
15	49.1	44.1	40	36.7	32.9	29.8	15
16	45.3	41.1	37.5	34.6	31.2	28.3	16
17	42.1	38.4	35.3	32.7	29.6	26.9	17
18	39.4	36.1	33.3	31	28.1	25.7	18
20	34.1	31.6	29.5	27.7	25.3	23.2	20
22	30.2	28.2	26.5	25.1	23	21.2	22
24	26.6	25.2	23.9	22.8	20.9	19.4	24
26	23.4	22.6	21.5	20.8	19.1	17.7	26
28		20.5	19.6	19	17.6	16.3	28
30		18.6	17.9	17.4	16.1	15	30
32		17	16.4	16	14.9	13.9	32
34		15.5	15.1	14.8	13.8	12.9	34
36		14.1	14	13.8	12.8	12	36
38		12.7	12.8	12.7	11.8	11.1	38
40			11.8	11.8	10.9	10.2	40
45			9.6	9.8	9	8.5	45
50			7.8	8.2	7.5	7.1	50
55				6.9	6.3	5.9	55
60					5.2	4.8	60
65					4.3	4	65
70					3.5	3.2	70
75						2.6	75

TAB 1756308

Lifting capacities on telescopic boom

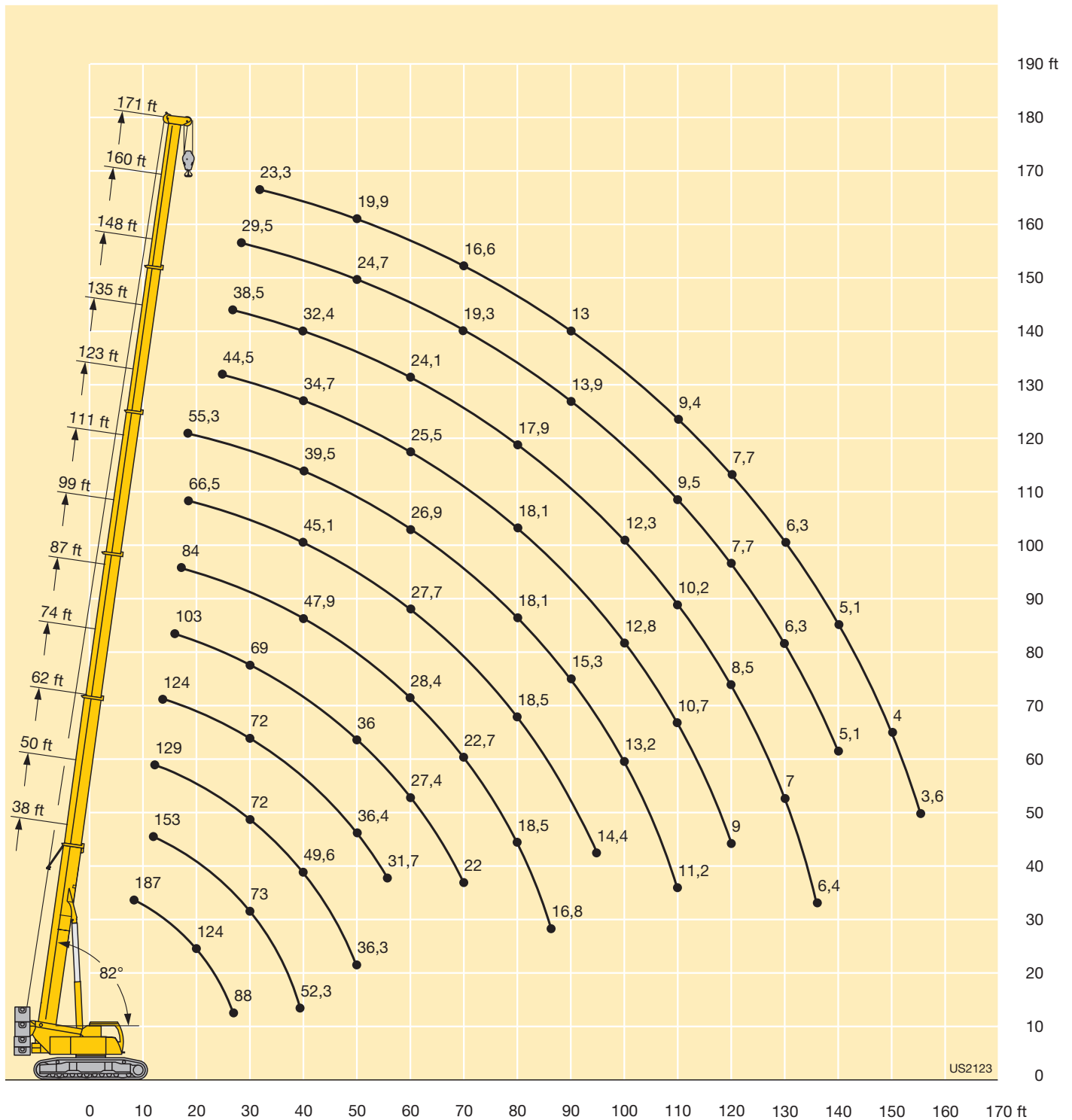
38 – 99 ft 360° 0 lbs 0 lbs 85% ± 2.5°								
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	ft	
9	66	54.6	46.6	40.8			9	
10	65	53.9	46.1	40.4			10	
11	59.1	49.7	42.9	37.9	29.3		11	
12	53.9	46	40	35.6	29.3		12	
13	49.3	42.6	37.4	33.5	29.2		13	
14	45.5	39.7	35.1	31.7	27.9	22.6	14	
15	42.1	37	33	29.9	26.5	22.5	15	
16	39.1	34.7	31.1	28.4	25.2	22.3	16	
17	36.6	32.6	29.4	27	24	21.6	17	
18	34.3	30.8	27.9	25.7	22.9	20.6	18	
20	30.1	27.2	24.9	23.2	20.8	18.8	20	
22	26.9	24.4	22.6	21.1	19	17.3	22	
24	24	22	20.5	19.3	17.4	15.9	24	
26	21.4	19.8	18.6	17.6	16	14.6	26	
28		18.1	17	16.2	14.7	13.5	28	
30		16.5	15.5	14.9	13.6	12.4	30	
32		15.2	14.3	13.8	12.5	11.5	32	
34		13.9	13.2	12.8	11.6	10.7	34	
36		12.8	12.2	11.9	10.8	9.9	36	
38		11.7	11.3	11	10	9.2	38	
40			10.4	10.2	9.2	8.5	40	
45			8.5	8.5	7.7	7	45	
50			7.1	7.2	6.4	5.8	50	
55				6	5.3	4.8	55	
60					4.4	3.9	60	
65					3.7	3.2	65	
70					3	2.6	70	
75						2.1	75	

TAB 1756508

38 – 99 ft 360° 0 lbs 0 lbs 85% ± 4.0°								
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	ft	
9	46.2	40.2	33.9				9	
10	45.4	39.8	33.6				10	
11	40	37.2	31.6	26.8			11	
12	35.3	34.7	29.7	26.1			12	
13	31.3	32.5	28	24.8	19.9		13	
14	28	30.1	26.5	23.6	19.7		14	
15	25.1	27.6	25.1	22.4	19.4		15	
16	22.6	25	23.8	21.4	18.5		16	
17	20.4	22.8	22.6	20.4	17.7		17	
18	18.6	20.9	21.4	19.5	17	13.9	18	
20	15	17.3	19	17.8	15.6	13.8	20	
22	12.4	14.5	16.2	16.3	14.3	12.7	22	
24	10.3	12.2	13.8	14.6	13.2	11.7	24	
26	8.6	10.4	11.7	12.6	12.1	10.8	26	
28		9	10.3	11.1	11.1	10	28	
30		7.7	8.9	9.7	10.1	9.2	30	
32		6.6	7.8	8.6	9	8.5	32	
34		5.7	6.9	7.6	8	7.8	34	
36		4.9	6	6.8	7.2	7.1	36	
38		4.1	5.2	5.9	6.3	6.3	38	
40			4.4	5.2	5.5	5.6	40	
45			3	3.7	4	4	45	
50				2.5	2.8	2.8	50	

TAB 1756808

Lifting heights on telescopic boom



Lifting capacities on the hydraulically variable folding jib

38 – 171 ft 35 ft 360° 70500 lbs 33100 lbs 85% ± 0.3°																				
ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			ft	
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
13	26.1																		13	
14	25.7																		14	
15	25.2																		15	
16	24.7																		16	
17	24.2																		17	
18	23.7																		18	
20	22.7																		20	
22	21.5			29.4															22	
24	20.3			29.1															24	
26	19.2	19.4		28.6			26.2												26	
28	18.1	18.7		28.2			25.8			20.7			16.6						28	
30	17.1	17.9		27.7			25.5			20.6			16.6						30	
32	16.2	17.2	16.4	27.3			25.1			20.3			16.3			13.3			32	
34	15.5	16.6	16.1	26.9			24.8			20			16			13.2			34	
36	14.8	15.9	15.6	26.5			24.6			19.7			15.8			12.9			36	
38	14	15.3	15.2	26.1	22.7		24.3	21.8		19.4			15.5			12.7			38	
40	13.4	14.6	14.7	25.7	22.6		24	21.7		19.1			15.3			12.4			40	
45	11.9	13	13.7	24.6	21.5	18.5	23.1	20.9		18.4	17.2		14.7	14.1		11.9	11.3		45	
50	10.7	11.6	12.3	23.4	20.5	17.9	22.1	20.1	17.4	17.7	16.6	15.8	14.2	13.6		11.4	11		50	
55	9.7	10.4	11.4	22.2	19.5	17.2	20.9	19.3	17.1	17	16	15.5	13.7	13	12.3	11	10.5	10	55	
60				20.8	18.6	16.6	19.6	18.5	16.5	16.3	15.3	14.8	13.1	12.5	12.3	10.5	10.1	10	60	
65				19.5	17.8	16	18.3	17.8	16	15.6	14.7	14.3	12.6	12.1	11.9	10.1	9.7	9.6	65	
70				18.2	17.1	15.5	17.1	17	15.5	15	14.1	13.8	12.1	11.6	11.5	9.7	9.4	9.2	70	
75				17.1	16.4	15	16	16.2	15.1	14.3	13.6	13.3	11.7	11.2	11.1	9.4	9	8.9	75	
80				16.1	15.7	14.6	15	15.2	14.7	13.6	13.1	12.8	11.3	10.9	10.7	9	8.7	8.6	80	
85				15.2	15	14.2	14	14.3	14.2	12.8	12.6	12.4	10.9	10.5	10.4	8.7	8.4	8.3	85	
90				13.9	14.2	13.9	12.9	13.4	13.7	12	12.2	12	10.5	10.2	10.1	8.4	8.1	8	90	
95				12.6	13.2	13.4	12.1	12.4	12.9	11.3	11.6	11.7	10.2	9.9	9.8	8.1	7.8	7.7	95	
100				11.4	12.1	12.6	11.3	11.5	12	10.6	11	11.3	9.9	9.6	9.6	7.8	7.6	7.5	100	
105				10.2	10.9	11.4	10.4	10.9	11	9.6	10.3	10.7	9.5	9.3	9.4	7.5	7.3	7.3	105	
110				9.2	9.9	10.2	9.4	10	10.3	9.3	9.3	9.8	8.7	9.1	9.1	7.3	7.1	7.1	110	
115				8.5	8.9	9.2	8.7	9.1	9.4	8.7	8.9	9.1	8	8.5	8.8	7.1	6.9	6.9	115	
120				8	8.1	8.4	8.2	8.4	8.7	7.9	8.4	8.6	7.2	7.8	8.3	6.8	6.7	6.7	120	
125				7.7	7.7	7.9	7.7	8	8.2	7.2	7.7	8	6.4	7	7.4	6.2	6.5	6.6	125	
130				7.4	7.5	7.6	7	7.4	7.6	6.5	7	7.2	5.7	6.2	6.6	5.6	6.1	6.4	130	
135				7	7.1	7.2	6.4	6.8	6.9	5.8	6.3	6.5	5.1	5.6	5.9	5	5.5	5.8	135	
140				6.5	6.7		5.8	6.1	6.2	5.2	5.6	5.8	4.5	4.9	5.2	4.4	4.9	5.2	140	
145							5.3	5.5		4.7	5.1	5.2	3.9	4.3	4.6	3.8	4.3	4.5	145	
150							4.8	5		4.2	4.5	4.6	3.4	3.8	4	3.3	3.7	4	150	
155							4.4	4.5		3.8	4	4.1	3	3.3	3.4	2.8	3.2	3.4	155	
160										3.3	3.5		2.5	2.8	2.9	2.4	2.8	2.9	160	
165										2.9			2.1	2.4	2.4		2.3	2.4	165	
170													1.8	2	2		1.9	2	170	

TAB 1752029 / 1752036 / 1752043

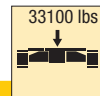
TAB 1752029 / 1752036 / 1752043

Lifting capacities on the hydraulically variable folding jib

38 – 171 ft 62 ft 360° 70500 lbs 33100 lbs 85% ± 0.3°																			
ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
18	9.9																		18
20	9.8																		20
22	9.5																		22
24	9.3																		24
26	9			11.2															26
28	8.7			11.1			10.6												28
30	8.5			10.9			10.6												30
32	8.2			10.8			10.5			9.7									32
34	8			10.6			10.4			9.7									34
36	7.8			10.5			10.2			9.6									36
38	7.6	6.6		10.3			10.1			9.5			8.7			7.4			38
40	7.4	6.6		10.2			9.9			9.4			8.6			7.4			40
45	6.9	6.3		9.8			9.6			9.1			8.4			7.4			45
50	6.6	6		9.4	7.1		9.3	7.1		8.9			8.2			7.3			50
55	6.3	5.7	5.3	9	7		8.9	7		8.6	6.7		8	6.4		7.1			55
60	6.1	5.6	5.2	8.6	6.8		8.6	6.8		8.3	6.6		7.8	6.4		6.9			60
65	5.9	5.4	5.1	8.3	6.6	5.5	8.3	6.6		8	6.5		7.6	6.3		6.8	6.1		65
70	5.7	5.4	5.1	8	6.4	5.5	8	6.4	5.4	7.8	6.3	5.4	7.4	6.1		6.7	6		70
75	5.5	5.3	5.1	7.7	6.3	5.4	7.7	6.3	5.4	7.5	6.2	5.3	7.2	6	5.2	6.6	5.9	5.1	75
80	5.4	5.3	5.1	7.4	6.1	5.3	7.5	6.1	5.3	7.3	6.1	5.3	7	5.9	5.2	6.4	5.8	5.1	80
85	5.4	5.3	5.1	7.2	6	5.3	7.3	6	5.2	7.1	5.9	5.2	6.8	5.8	5.1	6.2	5.7	5.1	85
90				7	5.9	5.2	7	5.9	5.2	7	5.8	5.2	6.7	5.7	5.1	6	5.6	5	90
95				6.8	5.8	5.2	6.9	5.8	5.1	6.8	5.7	5.1	6.5	5.6	5	5.8	5.5	5	95
100				6.6	5.7	5.1	6.7	5.7	5.1	6.6	5.6	5.1	6.4	5.5	5	5.7	5.4	5	100
105				6.4	5.6	5.1	6.5	5.6	5.1	6.4	5.6	5.1	6.3	5.4	5	5.5	5.3	4.9	105
110				6.3	5.5	5.1	6.4	5.5	5.1	6.3	5.5	5	6.1	5.4	5	5.3	5.2	4.9	110
115				6.2	5.4	5.1	6.3	5.4	5.1	6.2	5.4	5	6	5.3	5	5.2	5.1	4.9	115
120				6	5.4	5.1	6.1	5.4	5.1	6.1	5.4	5	5.9	5.3	5	5	4.9	4.9	120
125				5.9	5.4	5.1	6	5.4	5.1	6	5.3	5	5.8	5.2	5	4.9	4.8	4.9	125
130				5.8	5.3	5.1	5.9	5.3	5.1	5.9	5.3	5	5.8	5.2	5	4.8	4.7	4.8	130
135				5.7	5.3	5.1	5.8	5.3	5.1	5.8	5.3	5	5.6	5.2	5	4.7	4.6	4.7	135
140				5.6	5.3	5.1	5.7	5.3	5.1	5.6	5.3	5	5.3	5.1	5	4.5	4.5	4.6	140
145				5.4	5.3	5.1	5.5	5.3	5.1	5.5	5.3	5	4.8	5.1	5	4.4	4.4	4.5	145
150				5.3	5.3	5.1	5.4	5.3	5.1	5	5.2	5	4.2	5	5	4.1	4.3	4.4	150
155				5.2	5.2	5.1	5	5.2	5	4.5	5	5	3.8	4.5	4.8	3.6	4.2	4.3	155
160				5	5.2	5.1	4.6	5	5	4	4.6	4.8	3.3	4	4.5	3.2	3.9	4.2	160
165				4.8	5		4.2	4.6	4.7	3.6	4.2	4.4	2.9	3.5	3.9	2.7	3.4	3.9	165
170				4.4	4.6		3.8	4.1	4.2	3.2	3.7	3.9	2.5	3.1	3.4	2.3	3	3.4	170
175							3.4	3.7		2.9	3.3	3.4	2.1	2.7	2.9	2	2.6	2.9	175
180							3.1	3.3		2.5	2.9	3		2.3	2.5		2.2	2.5	180
185										2.2	2.5								185
190										1.9	2.1								190

TAB 1752029 / 1752036 / 1752043

Lifting capacities on the hydraulically variable folding jib

     85% ± 0.3°																			
 ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
9	27.5																		9
10	27.5																		10
11	27																		11
12	26.6																		12
13	26.2																		13
14	25.7																		14
15	25.2																		15
16	24.7	24																	16
17	24.2	23.7																	17
18	23.7	23.2																	18
20	22.7	22.2																	20
22	21.5	21.3		29.4															22
24	20.3	20.4		29.1															24
26	19.2	19.5	18.7	28.6			26.2												26
28	18.1	18.7	18	28.2			25.8			20.7			16.6						28
30	17.1	17.9	17.3	27.7			25.5			20.6			16.6						30
32	16.2	17.2	16.7	27.3			25.1			20.3			16.3			13.3			32
34	15.5	16.6	16.1	26.9			24.8			20			16			13.2			34
36	14.8	15.9	15.6	26.5			24.6			19.7			15.8			12.9			36
38	14	15.3	15.2	26.1	22.7		24.3	21.8		19.4			15.5			12.7			38
40	13.4	14.6	14.7	25.7	22.6		24	21.7		19.1			15.3			12.4			40
45	11.9	13	13.7	24.6	21.5	18.5	23.1	20.9		18.4	17.2		14.7	14.1		11.9	11.3		45
50	10.7	11.6	12.3	23.4	20.5	17.9	22.1	20.1	17.4	17.7	16.6	15.8	14.2	13.6		11.4	11		50
55	9.7	10.4	11.4	22.2	19.5	17.2	20.9	19.3	17.1	17	16	15.5	13.7	13	12.3	11	10.5	10	55
60				20.8	18.6	16.6	19.6	18.5	16.5	16.3	15.3	14.8	13.1	12.5	12.3	10.5	10.1	10	60
65				19.5	17.8	16	18.2	17.8	16	15.6	14.7	14.3	12.6	12.1	11.9	10.1	9.7	9.6	65
70				17.7	17.1	15.5	16.4	17	15.5	15	14.1	13.8	12.1	11.6	11.5	9.7	9.4	9.2	70
75				16	16.4	15	15	15.8	15.1	14.1	13.6	13.3	11.7	11.2	11.1	9.4	9	8.9	75
80				14.4	15.5	14.6	13.9	14.2	14.5	12.9	13.1	12.8	11.3	10.9	10.7	9	8.7	8.6	80
85				13	13.9	14.2	12.8	12.8	13.6	11.6	12.6	12.4	10.9	10.5	10.4	8.7	8.4	8.3	85
90				11.6	12.5	13	11.6	12.2	12.4	10.8	11.4	11.9	10.3	10.2	10.1	8.4	8.1	8	90
95				10.5	11.2	11.7	10.6	11.3	11.5	10.2	10.3	10.9	9.4	9.8	9.8	8.1	7.8	7.7	95
100				9.7	10	10.5	9.8	10.2	10.7	9.6	9.6	10	8.4	9.3	9.5	7.7	7.6	7.5	100
105				9.2	9.1	9.3	9.2	9.3	9.5	8.7	9.3	9.4	7.5	8.3	8.9	7.2	7.3	7.3	105
110				8.8	8.8	8.8	8.3	8.8	9.1	7.8	8.4	8.8	6.8	7.5	8	6.5	7	7.1	110
115				8.1	8.3	8.5	7.5	8	8.3	6.9	7.5	8	6	6.7	7.2	5.7	6.4	6.7	115
120				7.4	7.8	8	6.7	7.2	7.5	6.2	6.7	7.1	5.3	6	6.4	5.1	5.7	6.2	120
125				6.7	7	7.2	6	6.5	6.7	5.5	6	6.3	4.7	5.3	5.7	4.4	5	5.5	125
130				6.1	6.4	6.5	5.4	5.8	6	4.9	5.3	5.6	4.1	4.6	5	3.9	4.4	4.8	130
135				5.5	5.8	5.8	4.9	5.2	5.3	4.3	4.7	4.9	3.5	4	4.3	3.3	3.9	4.2	135
140				5	5.2		4.3	4.6	4.7	3.8	4.1	4.3	3	3.4	3.7	2.8	3.3	3.6	140
145							3.8	4.1		3.3	3.6	3.7	2.5	2.9	3.1		2.8	3.1	145
150							3.4	3.6		2.8	3.1	3.2	2	2.4	2.6		2.3	2.6	150
155							3	3.1		2.4	2.7	2.7			2.1			2.1	155
160										2	2.2								160

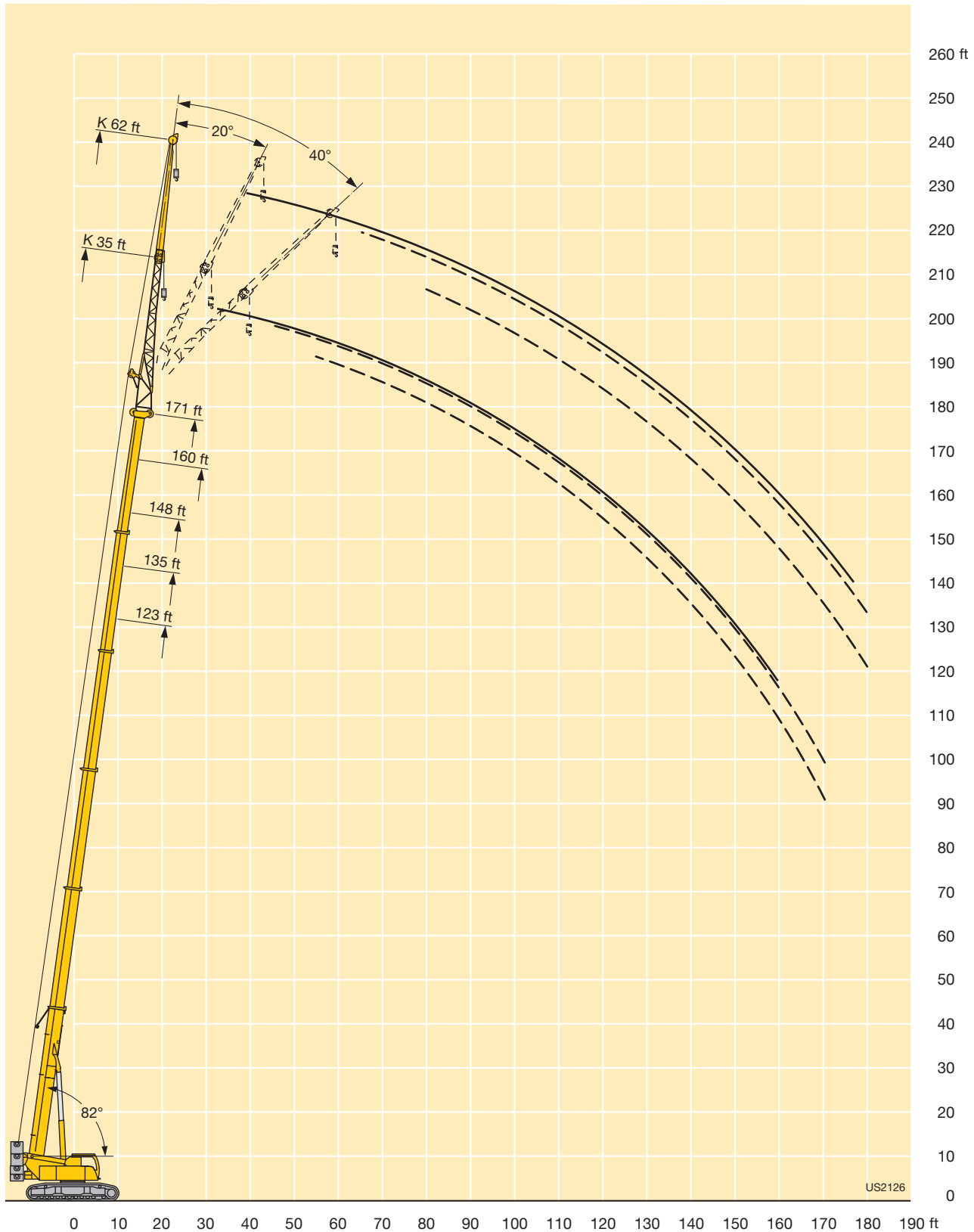
TAB 1752030 / 1752037 / 1752044

Lifting capacities on the hydraulically variable folding jib

38 – 171 ft 62 ft 360° 57320 lbs 33100 lbs 85% ± 0.3°																				
ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			ft	
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
16	10.4																		16	
17	10.3																		17	
18	10.1																		18	
20	9.8																		20	
22	9.5																		22	
24	9.3																		24	
26	9			11.2															26	
28	8.7	6.6		11.1			10.6												28	
30	8.5	6.6		10.9			10.6												30	
32	8.2	6.6		10.8			10.5			9.7									32	
34	8	6.6		10.6			10.4			9.7									34	
36	7.8	6.6		10.5			10.2			9.6									36	
38	7.6	6.6		10.3			10.1			9.5			8.7			7.4			38	
40	7.4	6.6		10.2			9.9			9.4			8.6			7.4			40	
45	6.9	6.3		9.8			9.6			9.1			8.4			7.4			45	
50	6.6	6	5.4	9.4	7.1		9.3	7.1		8.9			8.2			7.3			50	
55	6.3	5.7	5.3	9	7		8.9	7		8.6	6.7		8	6.4		7.1			55	
60	6.1	5.6	5.2	8.6	6.8		8.6	6.8		8.3	6.6		7.8	6.4		6.9			60	
65	5.9	5.4	5.1	8.3	6.6	5.5	8.3	6.6		8	6.5		7.6	6.3		6.8	6.1		65	
70	5.7	5.4	5.1	8	6.4	5.5	8	6.4	5.4	7.8	6.3	5.4	7.4	6.1		6.7	6		70	
75	5.5	5.3	5.1	7.7	6.3	5.4	7.7	6.3	5.4	7.5	6.2	5.3	7.2	6	5.2	6.6	5.9	5.1	75	
80	5.4	5.3	5.1	7.4	6.1	5.3	7.5	6.1	5.3	7.3	6.1	5.3	7	5.9	5.2	6.4	5.8	5.1	80	
85	5.4	5.3	5.1	7.2	6	5.3	7.3	6	5.2	7.1	5.9	5.2	6.8	5.8	5.1	6.2	5.7	5.1	85	
90				7	5.9	5.2	7	5.9	5.2	7	5.8	5.2	6.7	5.7	5.1	6	5.6	5	90	
95				6.8	5.8	5.2	6.9	5.8	5.1	6.8	5.7	5.1	6.5	5.6	5	5.8	5.5	5	95	
100				6.6	5.7	5.1	6.7	5.7	5.1	6.6	5.6	5.1	6.4	5.5	5	5.7	5.4	5	100	
105				6.4	5.6	5.1	6.5	5.6	5.1	6.4	5.6	5.1	6.3	5.4	5	5.5	5.3	4.9	105	
110				6.3	5.5	5.1	6.4	5.5	5.1	6.3	5.5	5	6.1	5.4	5	5.3	5.2	4.9	110	
115				6.2	5.4	5.1	6.3	5.4	5.1	6.2	5.4	5	6	5.3	5	5.2	5.1	4.9	115	
120				6	5.4	5.1	6.1	5.4	5.1	6	5.4	5	5.8	5.3	5	5	4.9	4.9	120	
125				5.9	5.4	5.1	6	5.4	5.1	5.9	5.3	5	5.4	5.2	5	4.9	4.8	4.9	125	
130				5.7	5.3	5.1	5.8	5.3	5.1	5.6	5.3	5	4.8	5.2	5	4.5	4.7	4.8	130	
135				5.6	5.3	5.1	5.5	5.3	5.1	5.1	5.2	5	4.3	5	5	4	4.6	4.7	135	
140				5.5	5.3	5.1	5.1	5.3	5.1	4.6	5.1	5	3.8	4.7	4.9	3.5	4.3	4.6	140	
145				5.2	5.3	5.1	4.6	5.1	5.1	4.1	4.8	5	3.3	4.2	4.8	3	3.9	4.4	145	
150				4.8	5.2	5.1	4.1	4.7	5	3.6	4.3	4.7	2.8	3.7	4.2	2.6	3.4	4	150	
155				4.3	4.7	4.8	3.7	4.2	4.5	3.2	3.8	4.2	2.4	3.2	3.7	2.2	3	3.5	155	
160				3.9	4.3	4.3	3.3	3.8	4	2.7	3.3	3.7		2.7	3.1		2.5	3.1	160	
165				3.6	3.8		2.9	3.3	3.5	2.4	2.9	3.2		2.3	2.7			2.6	165	
170				3.2	3.4		2.6	2.9	3	2	2.5	2.7		1.9	2.2			2.2	170	
175							2.2	2.5			2.1	2.3							175	
180							1.9	2.1											180	

TAB 1752030 / 1752037 / 1752044

Lifting heights on the hydraulically variable folding jib



Lifting capacities on the hydraulically variable folding jib with boom extension

      85% ± 0.3°																
 ft	38 ft + 23 ft			135 ft + 23 ft			148 ft + 23 ft			160 ft + 23 ft			171 ft + 23 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16	11.3															16
17	11.2															17
18	11															18
20	10.7															20
22	10.4															22
24	10															24
26	9.7	9.6		12.8												26
28	9.4	9.4		12.6			11.7									28
30	9.1	9		12.4			11.7									30
32	8.8	8.8		12.2			11.6			10.7						32
34	8.5	8.5		12			11.4			10.6						34
36	8.3	8.2		11.8			11.2			10.4						36
38	8	8	7.8	11.6	10.7		11			10.3			8.6			38
40	7.7	7.7	7.7	11.4	10.6		10.9			10.2			8.5			40
45	7.1	7.2	7.1	11	10.2		10.5	9.8		9.8	9.3		8.1			45
50	6.6	6.7	6.6	10.6	9.8	8.9	10.1	9.5	8.7	9.5	9.1		7.8	7.5		50
55	6.2	6.3	6.2	10.2	9.4	8.7	9.8	9.1	8.6	9.2	8.8	8.1	7.5	7.3	6.9	55
60	5.8	5.9	5.9	9.8	9	8.4	9.4	8.8	8.3	9	8.5	8	7.3	7	6.9	60
65	5.5	5.6	5.6	9.4	8.6	8.1	9.1	8.5	8	8.7	8.2	7.7	7	6.8	6.6	65
70	5.1	5.2	5.2	9	8.3	7.8	8.8	8.2	7.7	8.4	7.9	7.5	6.7	6.5	6.4	70
75	4.8	4.8	4.9	8.7	8	7.5	8.5	7.9	7.5	8.1	7.7	7.3	6.5	6.3	6.1	75
80	4.4	4.5		8.3	7.7	7.3	8.2	7.6	7.2	7.9	7.4	7.1	6.2	6	5.9	80
85	4	4.3		8	7.4	7	7.9	7.4	7	7.6	7.2	6.9	6	5.8	5.7	85
90				7.7	7.2	6.8	7.6	7.1	6.8	7.4	7	6.6	5.8	5.6	5.5	90
95				7.4	7	6.6	7.3	6.9	6.6	7.1	6.8	6.5	5.6	5.4	5.3	95
100				7.1	6.7	6.4	7.1	6.7	6.4	6.9	6.6	6.3	5.4	5.2	5.1	100
105				6.8	6.5	6.2	6.9	6.5	6.2	6.7	6.4	6.1	5.2	5	4.9	105
110				6.6	6.3	6.1	6.6	6.3	6.1	6.5	6.3	6	5	4.8	4.8	110
115				6.4	6.1	5.9	6.4	6.2	5.9	6.3	6.1	5.9	4.9	4.7	4.6	115
120				6.2	6	5.8	6.2	6	5.8	6.2	6	5.7	4.7	4.5	4.5	120
125				6	5.8	5.6	6.1	5.8	5.6	6	5.8	5.6	4.6	4.4	4.4	125
130				5.8	5.7	5.5	5.9	5.7	5.5	5.6	5.7	5.5	4.4	4.3	4.2	130
135				5.6	5.5	5.4	5.7	5.6	5.4	5.1	5.4	5.4	4.3	4.2	4.1	135
140				5.5	5.3	5.3	5.3	5.4	5.3	4.5	5	5.2	4.1	4.1	4	140
145				5.2	5.2		4.7	5.1	5.2	4	4.5	4.8	3.7	3.9	3.9	145
150				4.7	5		4.2	4.6	4.8	3.4	3.9	4.2	3.2	3.7	3.8	150
155				4.3	4.5		3.7	4.1	4.2	3	3.4	3.6	2.8	3.2	3.5	155
160				3.8	4.1		3.3	3.6		2.5	2.9	3.1	2.4	2.8	3	160
165				3.4	3.6		2.8	3.1			2.5	2.6		2.3	2.6	165
170				3	3.2		2.5	2.7			2	2.2		1.9	2.1	170
175				2.6	2.8		2.1	2.3								175

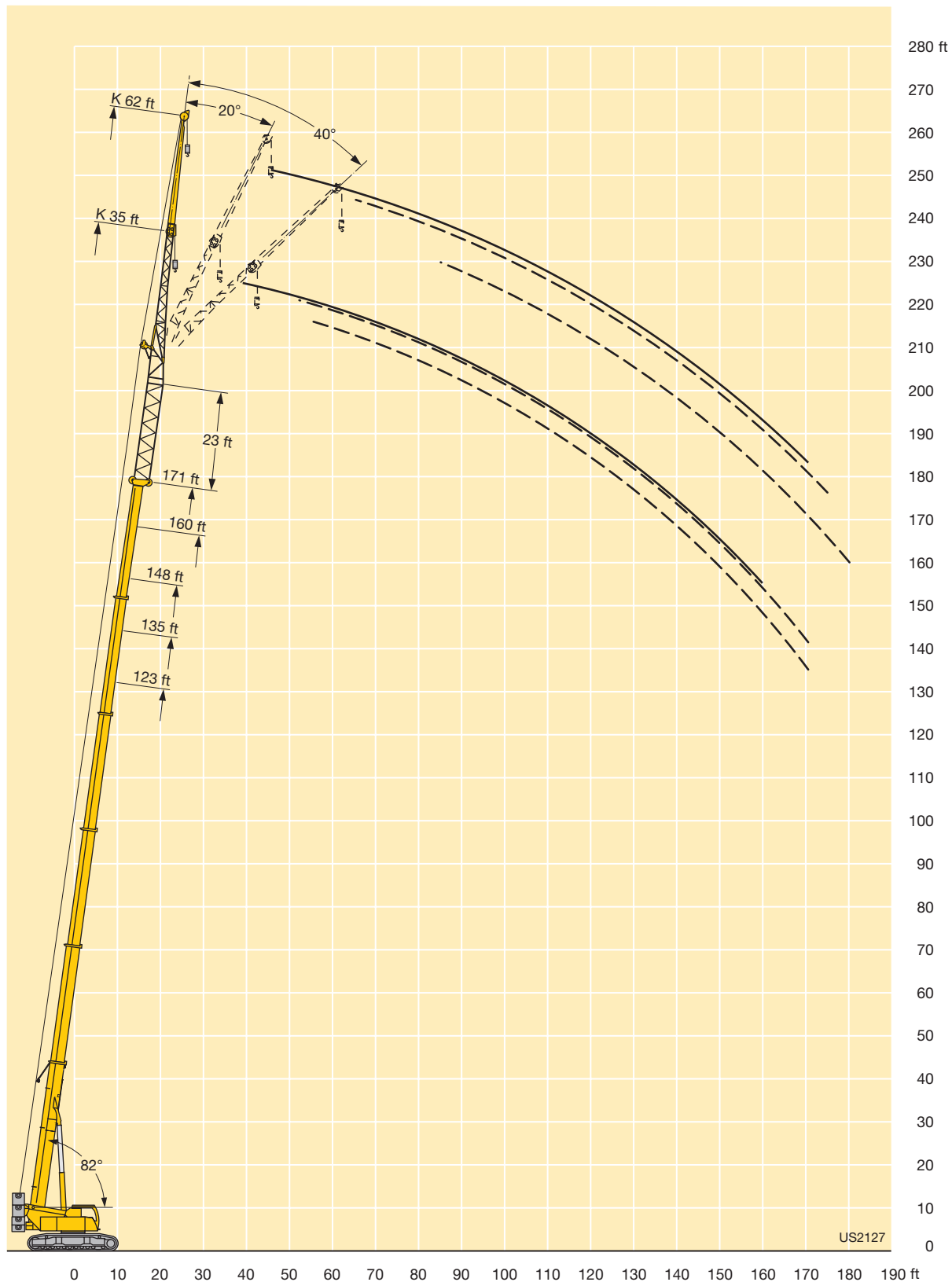
TAB 1752092 / 1752099 / 1752106

Lifting capacities on the hydraulically variable folding jib with boom extension

      85% ± 0.3°																
 ft	38 ft + 23 ft			135 ft + 23 ft			148 ft + 23 ft			160 ft + 23 ft			171 ft + 23 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	7.7															22
24	7.6															24
26	7.5															26
28	7.3			8.1												28
30	7.2			8.1												30
32	7			8.1			7.7									32
34	6.8			8.1			7.7									34
36	6.6			8.1			7.7									36
38	6.5			8.1			7.6			7.2						38
40	6.3			8			7.6			7.2						40
45	5.9	5.9		7.8			7.5			7.1			5.9			45
50	5.5	5.6		7.6			7.3			6.9			5.7			50
55	5.2	5.3		7.4	6.6		7.1	6.4		6.7			5.5			55
60	4.9	5	5.2	7.2	6.5		6.9	6.4		6.5			5.3			60
65	4.6	4.7	4.8	6.9	6.3		6.7	6.2		6.4	6		5.2	5		65
70	4.4	4.5	4.6	6.7	6.1	5.5	6.5	6		6.2	5.8		5	4.9		70
75	4.2	4.2	4.3	6.4	5.9	5.5	6.3	5.8	5.4	6	5.6	5.1	4.8	4.7		75
80	4	4	4.1	6.2	5.7	5.4	6	5.6	5.4	5.8	5.5	5.1	4.7	4.6		80
85	3.8	3.8	3.9	6	5.5	5.3	5.9	5.5	5.2	5.7	5.3	5.1	4.5	4.4	4.3	85
90	3.6	3.6	3.7	5.8	5.3	5.1	5.7	5.3	5	5.5	5.2	4.9	4.3	4.3	4.2	90
95	3.4	3.5	3.6	5.6	5.2	5	5.5	5.1	4.9	5.3	5	4.8	4.2	4.1	4.1	95
100	3.2	3.3	3.4	5.4	5	4.8	5.3	5	4.8	5.2	4.9	4.7	4	4	4	100
105	3.1	3.2		5.2	4.8	4.7	5.2	4.8	4.6	5.1	4.7	4.5	3.9	3.8	3.9	105
110	2.9	3		5.1	4.7	4.5	5	4.7	4.5	4.9	4.6	4.4	3.8	3.7	3.7	110
115				4.9	4.6	4.4	4.9	4.6	4.4	4.8	4.5	4.3	3.7	3.6	3.6	115
120				4.7	4.4	4.3	4.7	4.4	4.3	4.7	4.4	4.2	3.5	3.5	3.5	120
125				4.6	4.3	4.2	4.6	4.3	4.2	4.5	4.3	4.1	3.4	3.4	3.4	125
130				4.4	4.2	4.1	4.5	4.2	4.1	4.4	4.2	4.1	3.3	3.3	3.3	130
135				4.3	4.1	4	4.3	4.1	4	4.3	4.1	4	3.2	3.2	3.2	135
140				4.2	4	3.9	4.2	4	3.9	4.2	4	3.9	3.1	3.1	3.1	140
145				4.1	3.9	3.8	4.1	3.9	3.8	4.1	3.9	3.8	3	3	3.1	145
150				4	3.8	3.7	4	3.8	3.8	3.8	3.8	3.7	2.9	2.9	3	150
155				3.9	3.7	3.7	3.9	3.7	3.7	3.4	3.7	3.7	2.8	2.8	2.9	155
160				3.8	3.6	3.6	3.7	3.7	3.6	3	3.6	3.6	2.6	2.7	2.8	160
165				3.7	3.5	3.6	3.4	3.6	3.6	2.6	3.3	3.5	2.3	2.7	2.7	165
170				3.5	3.5	3.5	3	3.5	3.5	2.2	2.9	3.4	1.9	2.6	2.6	170
175				3.1	3.4		2.6	3.1	3.4	1.9	2.5	2.9		2.3	2.6	175
180				2.8	3.2		2.2	2.8	3		2.1	2.5			2.3	180
185				2.5	2.8			2.4								185
190				2.1	2.5			2								190
195				1.9	2.1											195

TAB 1752092 / 1752099 / 1752106

Lifting heights on the hydraulically variable folding jib with boom extension



Lifting capacities on the hydraulically variable folding jib with boom extension

      85% ± 0.3°																
 ft	38 ft + 46 ft			135 ft + 46 ft			148 ft + 46 ft			160 ft + 46 ft			171 ft + 46 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16	8.6															16
17	8.5															17
18	8.4															18
20	8.1															20
22	7.9															22
24	7.7															24
26	7.5															26
28	7.3															28
30	7.1	7.2														30
32	6.9	6.9		8.8												32
34	6.7	6.7		8.7												34
36	6.5	6.5		8.6												36
38	6.2	6.3	6.3	8.5			8.1			6.6						38
40	6.1	6.1	6.3	8.4			8			6.6						40
45	5.6	5.7	5.8	8	7.7		7.7			6.6			5.3			45
50	5.2	5.3	5.4	7.7	7.4		7.4	7		6.6	6.6		5.1			50
55	4.9	4.9	5	7.4	7.1	6.6	7.2	6.8	6.4	6.6	6.5		5	5.2		55
60	4.5	4.6	4.6	7.2	6.8	6.5	6.9	6.5	6.3	6.5	6.2		5	5.1		60
65	4.3	4.3	4.3	6.9	6.5	6.3	6.6	6.3	6.1	6.3	6	5.8	5	4.9	4.9	65
70	4	4	4	6.6	6.2	6	6.4	6.1	5.9	6.1	5.8	5.6	4.8	4.7	4.7	70
75	3.8	3.8	3.8	6.3	6	5.8	6.1	5.8	5.6	5.9	5.6	5.5	4.6	4.6	4.5	75
80	3.5	3.6	3.6	6	5.7	5.5	5.9	5.6	5.4	5.7	5.4	5.3	4.4	4.4	4.3	80
85	3.3	3.3	3.4	5.8	5.5	5.3	5.7	5.4	5.2	5.5	5.2	5.1	4.2	4.2	4.2	85
90	3.1	3.1	3.2	5.6	5.3	5.1	5.5	5.2	5	5.3	5	4.9	4.1	4	4	90
95	2.9	3	3	5.3	5.1	4.9	5.3	5	4.9	5.1	4.9	4.7	3.9	3.9	3.9	95
100	2.8	2.8	2.7	5.1	4.9	4.7	5.1	4.8	4.7	4.9	4.7	4.6	3.7	3.7	3.7	100
105				4.9	4.7	4.6	4.9	4.7	4.5	4.8	4.5	4.5	3.6	3.5	3.6	105
110				4.7	4.5	4.4	4.7	4.5	4.4	4.6	4.4	4.3	3.5	3.4	3.4	110
115				4.6	4.4	4.3	4.6	4.4	4.3	4.5	4.3	4.2	3.3	3.3	3.3	115
120				4.4	4.2	4.1	4.4	4.2	4.1	4.4	4.1	4.1	3.2	3.2	3.2	120
125				4.3	4.1	4	4.3	4.1	4	4.2	4	3.9	3.1	3	3.1	125
130				4.1	4	3.9	4.1	4	3.9	4.1	3.9	3.8	3	2.9	2.9	130
135				4	3.8	3.8	4	3.9	3.8	4	3.8	3.7	2.9	2.8	2.8	135
140				3.8	3.7	3.6	3.9	3.8	3.7	3.8	3.7	3.6	2.8	2.7	2.7	140
145				3.7	3.6	3.5	3.8	3.6	3.6	3.5	3.6	3.5	2.7	2.6	2.6	145
150				3.6	3.5	3.5	3.7	3.5	3.5	3	3.4	3.5	2.6	2.5	2.5	150
155				3.5	3.4	3.4	3.4	3.4	3.4	2.6	3	3.2	2.2	2.4	2.4	155
160				3.4	3.3		3	3.3	3.3	2.1	2.6	2.9		2.2	2.3	160
165				3.1	3.2		2.6	3			2.2	2.4				165
170				2.7	3		2.2	2.5			1.8	2				170
175				2.4	2.6			2.1								175
180				2	2.2											180

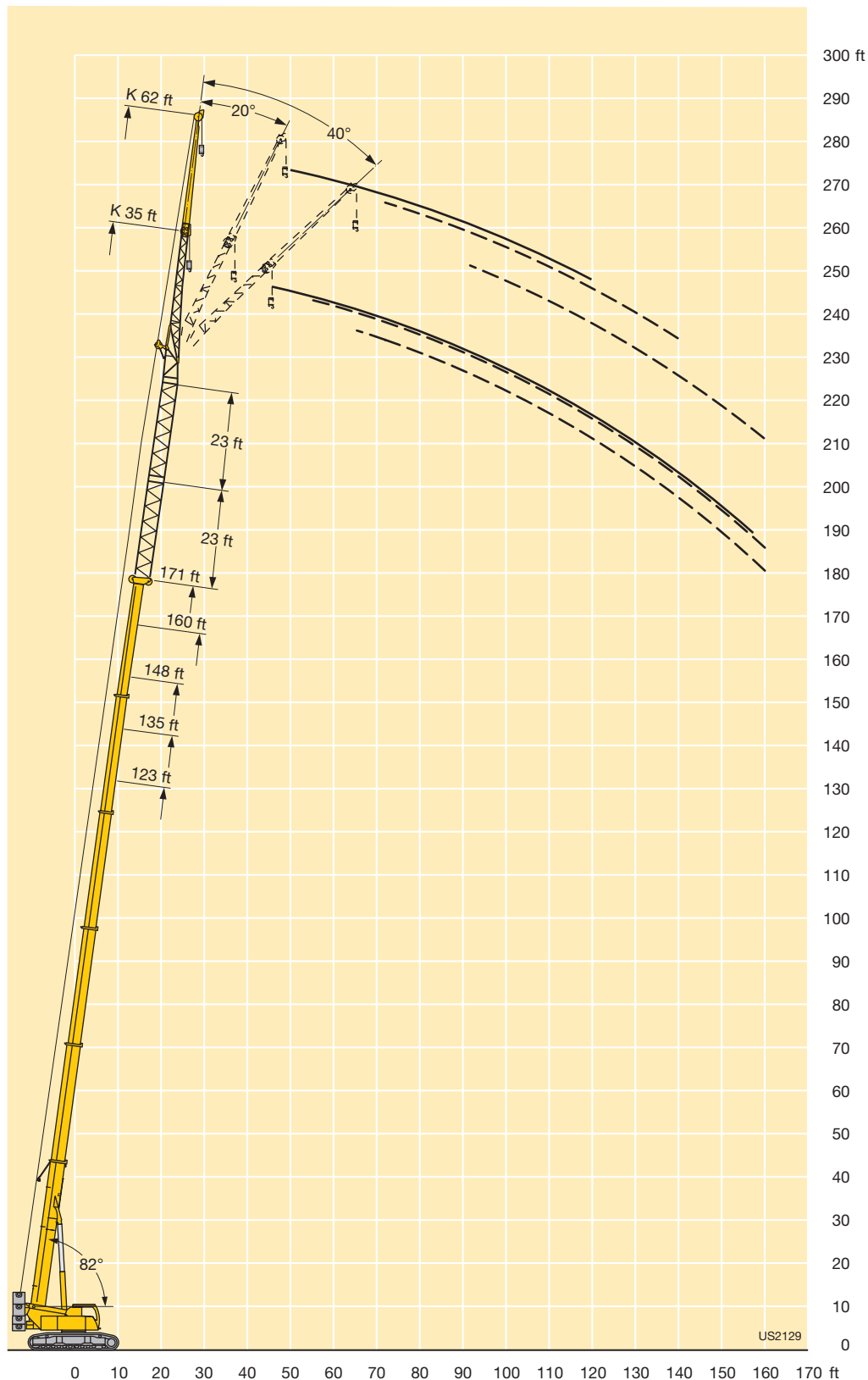
TAB 1752113 / 1752120 / 1752127

Lifting capacities on the hydraulically variable folding jib with boom extension

      85% ± 0.3°																
 ft	38 ft + 46 ft			162 ft + 46 ft			148 ft + 46 ft			160 ft + 46 ft			171 ft + 46 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	5.9															22
24	5.9															24
26	5.7															26
28	5.6															28
30	5.5															30
32	5.3															32
34	5.2															34
36	5.1															36
38	5			6.1			5.8									38
40	4.9			6.1			5.7									40
45	4.5	4.8		5.9			5.6			4.4						45
50	4.3	4.5		5.7			5.4			4.4			3.5			50
55	4	4.2		5.5			5.2			4.3			3.4			55
60	3.7	3.9	4.2	5.3			5.1			4.1			3.3			60
65	3.5	3.7	3.9	5.1	4.9		4.9	4.8		4.1			3.3			65
70	3.3	3.5	3.7	5	4.8		4.8	4.6		4.1	4.1		3.3	3.5		70
75	3.1	3.2	3.4	4.8	4.6	4.4	4.6	4.5		4.1	4.1		3.3	3.4		75
80	2.9	3	3.2	4.6	4.4	4.3	4.4	4.3		4.1	4.1		3.3	3.3		80
85	2.7	2.9	3	4.4	4.2	4.2	4.3	4.1	4.1	4.1	3.9		3.2	3.1		85
90	2.6	2.7	2.8	4.2	4.1	4	4.1	4	3.9	3.9	3.8	3.7	3	3	3	90
95	2.4	2.5	2.7	4.1	3.9	3.8	4	3.8	3.8	3.8	3.7	3.6	2.9	2.9	3	95
100	2.3	2.4	2.5	3.9	3.8	3.7	3.8	3.7	3.6	3.7	3.6	3.5	2.8	2.8	2.8	100
105	2.1	2.3	2.3	3.8	3.6	3.6	3.7	3.6	3.5	3.5	3.4	3.4	2.6	2.7	2.7	105
110	2	2.1	2.2	3.6	3.5	3.4	3.6	3.4	3.4	3.4	3.3	3.3	2.5	2.6	2.7	110
115	1.9		2.1	3.5	3.4	3.3	3.4	3.3	3.3	3.3	3.2	3.2	2.4	2.5	2.6	115
120	1.8		1.9	3.4	3.2	3.2	3.3	3.2	3.2	3.2	3.1	3.1	2.3	2.4	2.5	120
125	1.8			3.2	3.1	3.1	3.2	3.1	3.1	3.1	3	3		2.3	2.4	125
130	1.8			3.1	3	3	3.1	3	3	3	2.9	2.9		2.2	2.3	130
135				3	2.9	2.9	3	2.9	2.9	2.9	2.8	2.8		2.1	2.2	135
140				2.9	2.8	2.8	2.9	2.8	2.8	2.8	2.7	2.7		2.1	2.2	140
145				2.8	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.7			2.1	145
150				2.7	2.6	2.6	2.7	2.6	2.6	2.7	2.6	2.6			2	150
155				2.6	2.5	2.5	2.6	2.5	2.5	2.6	2.5	2.5			1.9	155
160				2.5	2.4	2.4	2.5	2.5	2.5	2.4	2.4	2.4			1.8	160
165				2.4	2.4	2.4	2.5	2.4	2.4		2.4	2.4				165
170				2.3	2.3	2.3	2.4	2.3	2.3		2.3	2.3				170
175				2.2	2.2	2.2	2.2	2.2	2.3		2	2.2				175
180				2.2	2.1	2.2		2.2	2.2			2.1				180
185				2	2.1			2.1	2.1							185
190				1.8	2			1.8	2.1							190
195					1.9											195

TAB 1752113 / 1752120 / 1752127

Lifting heights on the hydraulically variable folding jib with boom extension



Technical description

Crawler travel gear

Frame	Low torsion box construction, consisting of crawler center section and two crawler carriers. The crawler carriers can be removed from the telescoping beams. Hydraulic track width adjustment.
Tracks	Maintenance free crawler tracks with 2'11" wide triple grouser track pads.
Travel drive	Per crawler carrier, a hydraulic travel drive consisting of an axial piston motor, planetary gear with spring-loaded hydraulically-releasable travel brake. The crawler chains can be controlled synchronously as well as independently and counter-rotating. Travel speed: 0 – 1.7 mph.
Central ballast	33080 lbs, placement blocks at 16540 lbs each, mounting on crawler center section.

Crane superstructure

Frame	Self-manufactured, cataphoretic dip-primed weight-optimized and torsion resistant welded design of high-tensile structural steel; linked by a triple-row roller slewing ring to the crawler carrier for continuous rotation.
Crane engine	4-cylinder diesel, made by Liebherr, type D934S A6, watercooled, output of 145 kW (197 hp) at 1800 rpm acc. to EPA / CARB and to directive 97/68/EC, stage 3, max. torque 678 lbs-ft at 1100 rpm – 1500 rpm, fuel reservoir: 192 gallons.
Crane drive	Diesel-hydraulic, with 2 axial piston variable displacement pumps, with servo-control and capacity control, 1 double gear pump, open controlled oil circuits. Compact hydraulic drive flanged to the Diesel engine. Drive assembly completely enclosed for noise abatement.
Control	Electric "Load Sensing" control, simultaneous operation of 4 working motions, 2 self-centering hand control levers (joy-stick type). The crawler travel gear is operated via the 2 two-way controllable foot pedals. The crawler travel gear and the crane superstructure can be driven simultaneously.
Hoist gear	Axial piston fixed displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake.
Luffing gear	1 differential ram with safety check valves.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake, slewing gear invertible.
Crane cab	All-steel construction, entirely galvanized, powder coated, with safety glazing, operating and control instruments, comfortably equipped, cab tiltable backwards.

Safety devices	LICCON safe load indicator, test system hoist limit switch, safety valves to prevent pipe and hose ruptures.
Telescopic boom	Buckling and torsion resistant design of high-tensile structural steel, oviform boom profile, 1 base section and 5 telescopic sections. All telescopic sections hydraulically extendable independent of one another. Rapid-cycle telescoping system "Telematik". 5 steel cable pulleys. Boom length: 38 ft – 171 ft.
Counterweight	57320 lbs
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.
Lateral inclination	0.3°, 1.5°, 2.5° and 4° lateral inclination on tables for the telescopic boom and 9'6" folding jib.

Additional equipment

Swing-away jib	35 ft – 62 ft long, mountable to the telescopic boom at 0°, 20° or 40°. Hydraulic ram for operating the swing-away jib from 0° – 40° (option).
Telescopic boom extension	23 ft – 46 ft long lattice section, thus 23 ft – 46 ft higher pinning point for swing-away jib.
Erection jib	9'6" with steel cable pulleys.
2nd hoist gear	For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.
Additional counterweight	13240 lbs for a total counterweight of 70540 lbs.
Jack-up cylinder incl. folding brackets	For crawler removal, flatbed trailer transit height 3'7", flatbed trailer transit width 9'10".
Track pads	2'11" flat track pads.

Other items of equipment available on request.



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