

Mobile Crane

LTM 1300-6.2

Technical Data



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



LIEBHERR

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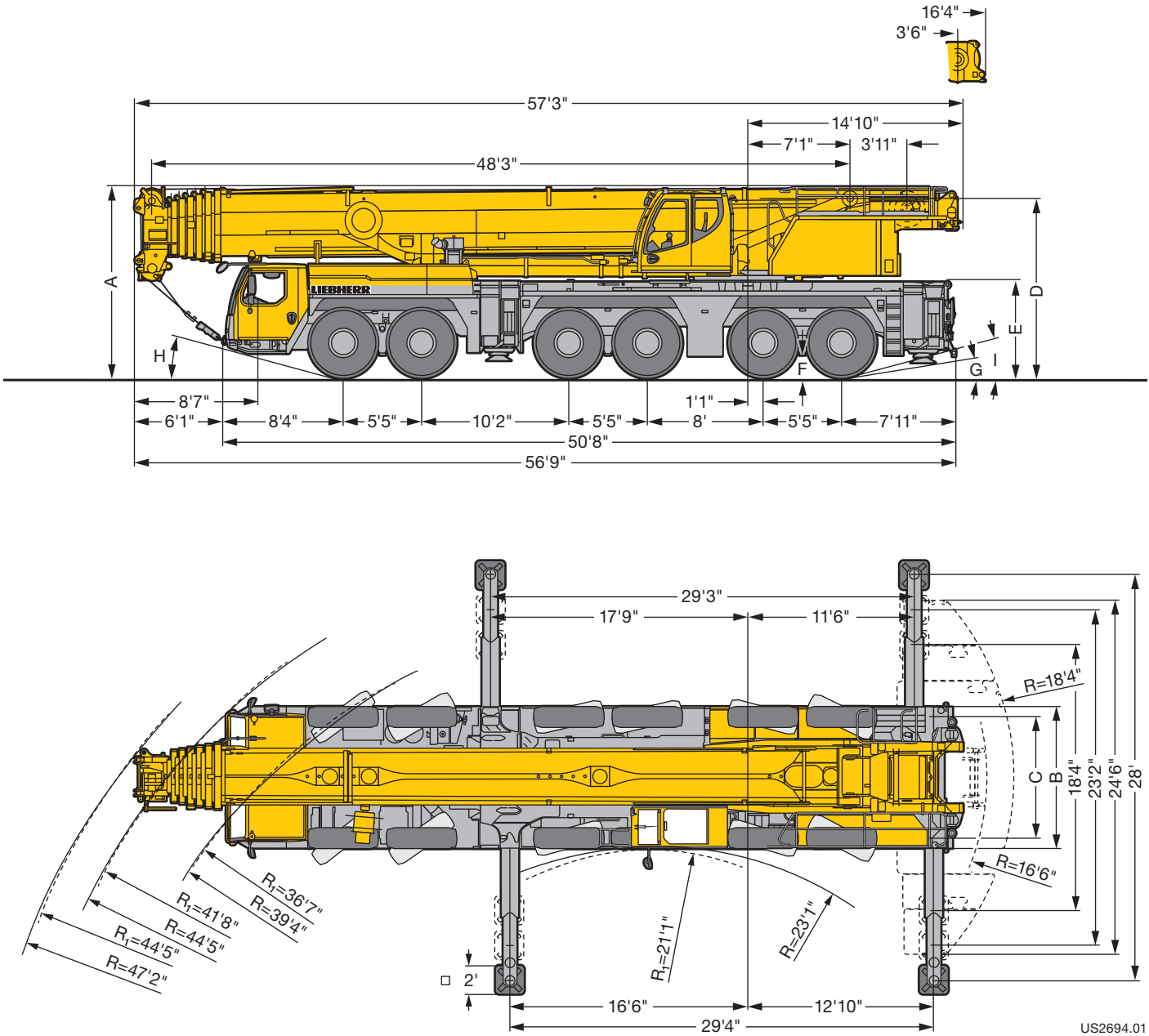
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Remarks referring to load charts

1. The lifting capacities do not exceed 85 % of the tipping load according to ASME B 30.5.
The crane's structural steelwork is in accordance with EN 13000 and ASME B 30.5.
2. For the calculation of the load charts at least a wind speed of 23 ft/s (7 m/s, 15.7 mph) and regarding the load a sail area of 1 m² per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
3. Lifting capacities are given in kips.
4. The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
5. Working radii are measured from the slewing centre.
6. The lifting capacities given for the telescopic boom apply if the folding jib is removed.
7. Subject to modification of lifting capacities.
8. Lifting capacities above 298600 lbs / 410000 lbs only with additional pulley block/special equipment.
9. The data of this brochure serves only for general information. All information is provided without warranty. Instructions for the correct commissioning of the crane please take from the operation manual and the load chart book.

Dimensions



US2694.01

R₁ = All-wheel steering

	Dimensions									
	A	A 5"	B	C	D	E	F	G	H	I
445/95 R 25 (16.00 R 25)	13'1"	12'9"	9'10"	8'4"	12'3"	6'7"	1'4"	14°	9°	15°
* lowered										

Boom/jib combinations

- T** Telescopic boom
- NZK** Hydraulic swing away jib
- F** Fixed lattice jib
- N** Luffing fly jib



T

8 – 31

TNZK

32 – 62

TF

63 – 72

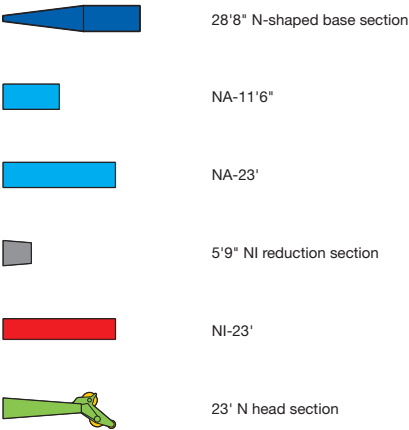
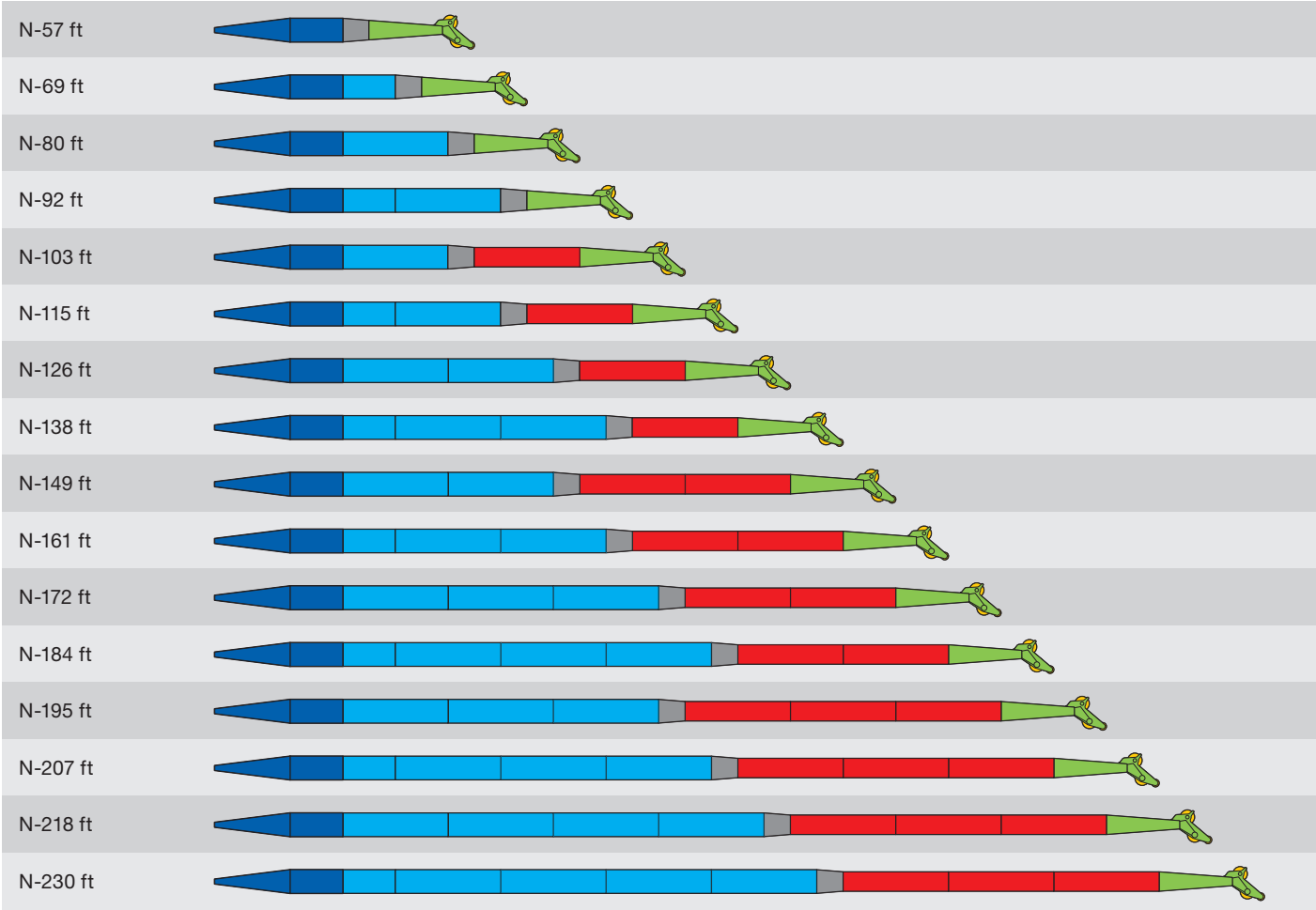
TN

73 – 89



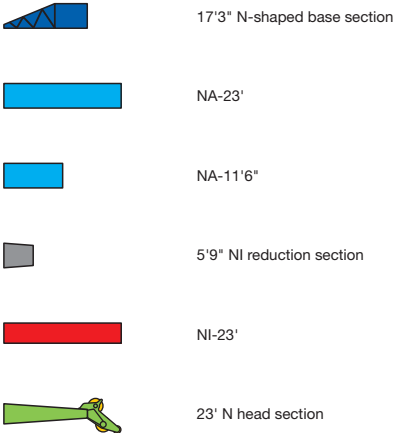
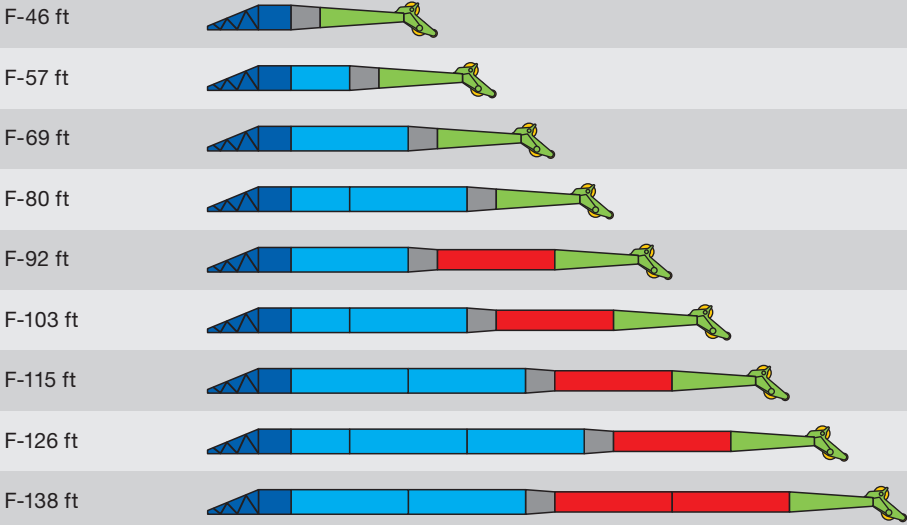
S2729

Boom/jib combinations - Luffing fly jib

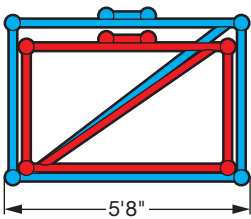
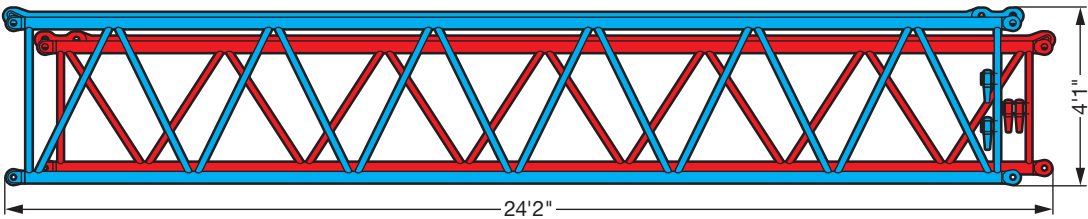


US2750

Boom/jib combinations - Fixed fly jib



US2749



US2888

Weights



Axle	1	2	3	4	5	6	Total weight lbs
lbs	26400	26400	26400	26400	26400	26400	158400



Load kips	No. of sheaves	No. of lines	Weight lbs
403.5	12	17	7500
343.3	7	14	3300
275.6	5	11	3530
176.4	3	7	3200
79.8	1	3	2200
27.1	–	1	1100

Working speeds



	 min.	 max.	 %
445/95 R 25 (16.00 R 25)	1.3	50	50.9 %




12 / R2



Drive	infinitely variable	Rope diameter / length	Max. single line pull
	0 – 427 ft/min single line	0.9" / 984 ft	27420 lbs
	0 – 427 ft/min single line	0.9" / 1525 ft	27420 lbs
	0 – 1.6 rpm		
	approx. 80 seconds to reach 82° boom angle		
	approx. 800 seconds for boom extension from 48 ft – 256 ft		

Lifting capacities

T



	48 ft		64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
	*																
10	661.4	298.6															10
11	504.2	298.6	298.6														11
12	403.4	298.6	298.6	298.6													12
13	385.2	298.6	298.6	298.6													13
14	365.9	298.6	298.6	298.6													14
15	349.7	298.6	298.6	298.6	248.3	191.2											15
16	332.8	298.6	298.6	290.6	247.8	198.4											16
17	318	297.3	296.2	279.6	246.7	198											17
18	307.3	293.5	287.2	272.7	245.5	197.6											18
19	297.7	284.4	278.8	264.2	244.2	197.1	159.8										19
20	288.4	274.8	270.9	256.3	241.9	196.2	159.3										20
22	271.3	256.4	257.1	241.9	230.3	194.3	158.3	130.2									22
24	255	239.4	241.2	229.6	217.8	192.3	157.4	129.7									24
26	235.7	223	225	218.6	206.8	190.4	156.4	129.2	102.1								26
28	218.2	208.6	210.6	208	197	186.8	155.4	128.6	101.9								28
30	202.9	195.8	197.7	197.6	188.3	182.4	154.4	128	101.6	82.1							30
32	189.4	184.2	186.1	186.5	180.4	174.6	153.2	127.4	101.2	82							32
34	177.5	173.3	175.3	175.9	172.7	167.5	151.9	126.8	100.9	81.8	66.1						34
36	166.8	163.6	165.4	166.1	165.2	161.1	150.5	126.1	100.5	81.5	65.8						36
38	156	154.6	156.5	157.2	156.6	155.1	147.1	125.1	99.1	81.1	65.6	54.1					38
40	130.5	130.5	148	148.7	148.1	148.7	142.2	123.9	97.6	80.6	65.4	53.9					40
45			130	130.1	132.1	131.7	129.4	120.6	92.3	78.6	64.6	53.4	43.6				45
50			115.9	117.4	117.5	116.6	115.2	114.3	86.4	75.4	63.3	52.9	43.3	36.5	30.3		50
55			96.1	105.1	105.2	104.3	104.9	104.3	81.2	71.2	61.2	52.1	42.5	36.1	30.1	29.3	55
60				94.8	94.8	93.9	96.1	94.5	76.2	67.3	58.4	50.5	41.5	35.4	29.9	29.2	60
65				85.7	85.7	84.7	86.9	85.4	71.5	63.5	55.5	48.5	40.4	34.6	29.4	28.8	65
70				74.2	77.9	78.8	79.1	77.6	67.3	59.8	52.8	46.5	39.1	33.7	28.8	28.4	70
75					71.1	73.3	72.3	70.8	63.3	56.2	50.1	44.5	37.8	32.7	28	27.7	75
80					65.3	67.4	66.4	64.8	59.6	53.1	47.5	42.6	36.5	31.6	27.1	26.8	80
85					60.7	62.2	61.2	59.6	56.2	50.1	45.1	40.6	35.3	30.5	26.3	26	85
90						57.6	56.6	55	52.8	47.3	42.9	38.7	34	29.5	25.4	25.2	90
95						53.6	52.5	50.9	49.3	44.9	40.7	36.9	32.8	28.6	24.6	24.4	95
100						49.3	48.8	47.2	45.7	42.5	38.6	35.2	31.6	27.6	23.8	23.6	100
105						25.6	45.5	43.9	43.4	40.1	36.8	33.6	30.5	26.7	23	22.9	105
110							42.5	40.9	41.9	38.1	34.9	32.1	29.3	25.7	22.3	22.2	110
115							39.5	38.1	39.7	36	33.1	30.6	28.2	25	21.5	21.5	115
120							27.2	36.9	37.2	33.6	31.5	29.2	27.1	24.2	20.9	20.8	120
125								35.9	34.9	32.1	30.1	27.9	26	23.4	20.2	20.2	125
130								34.3	32.7	30.7	28.6	26.5	25	22.6	19.6	19.6	130
135								24.2	30.7	28.7	27.1	25.4	23.9	22	19	19	135
140									28.9	26.9	25.4	24.2	22.9	21.3	18.4	18.4	140
145									27	25.9	24.3	23.1	22	20.6	17.8	17.7	145
150									21.8	25.2	23.3	22.1	21.1	20	17.3	17.1	150
155										24.7	22.4	21.1	20.2	19.3	16.7	16.5	155
160										23.4	21.1	19.8	19.3	18.6	16.2	15.8	160
165										18.6	19.8	19.1	18.5	17.9	15.6	15.2	165
170											19.1	18.4	17.8	17.2	15.1	14.6	170
175											18.7	17.8	16.9	16.5	14.6	14	175
180											15.3	17.1	16	15.9	14.2	13.3	180
185												16.2	15.5	15.3	13.7	12.7	185
190												15.3	15	14.6	13.2	12.2	190
195												13.2	14.6	13.9	12.8	11.6	195
200												5.4	14.2	13	12.3	11.1	200
205													13.5	12.2	11.9	10.6	205
210													10.3	11.4	11.4	10.1	210
215													4.7	10.7	10.9	9.6	215
220														9.9	10.2	9.2	220
225														7.2	9.5	8.7	225
230															8.8	8.3	230
235															7.6	7.9	235
240															4.8	5.9	240

* over rear

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Lifting capacities

T



	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
16	297.9															16
17	293															17
18	281.2	281.5	270.1													18
19	270.5	271.4	261.6	235.4												19
20	260.4	262.1	253.7	233.9	177.5											20
22	242.1	243.8	241.9	230.3	188.5											22
24	226	227.7	228	217.8	186.7	146.6										24
26	211.6	213.4	214	206.8	190.4	156.4	121.8									26
28	198.9	200.7	201.2	197	186.8	155.4	121.2									28
30	187.5	189.2	189.6	188.3	182.4	154.4	128	101.5	82.1							30
32	177.1	178.8	179.2	178.7	174.6	153.2	127.4	101.2	82							32
34	167.7	169.4	169.9	169.5	167.5	151.9	126.8	100.9	81.8	66.1						34
36	158.9	160.8	161.1	160.8	160.6	150.5	126.1	100.5	81.5	65.8						36
38	149.1	151.3	152	151.4	152.7	146.4	125.1	99.1	81.1	65.6	54.1					38
40	130.5	142.5	143	144.7	144.6	139.6	123.9	97.6	80.6	65.4	53.9					40
45		124.6	126.4	126.4	125.6	122.5	119.8	92.3	78.6	64.6	53.4	43.6				45
50		109.4	111	111.1	110.2	111.4	108.4	86.4	75.4	63.3	52.9	43.3	36.5	30.3		50
55		95.7	98.6	98.7	97.8	100.1	97.4	81.2	71.2	61.2	52.1	42.5	36.1	30.1	29.3	55
60			88.4	88.4	90	89.7	88	76.2	67.3	58.4	50.5	41.5	35.4	29.9	29.2	60
65			79.7	79.7	81.9	80.9	79.4	71.5	63.5	55.5	48.5	40.4	34.6	29.4	28.8	65
70			72.2	72.5	74.5	73.6	72.1	67.3	59.8	52.8	46.5	39.1	33.7	28.8	28.4	70
75				68.3	68	67	65.4	63	56.2	50.1	44.5	37.8	32.7	28	27.7	75
80				62.3	61.9	60.9	59.2	57.6	53.1	47.5	42.6	36.5	31.6	27.1	26.8	80
85				57	56.6	55.5	53.8	53.2	50.1	45.1	40.6	35.3	30.5	26.3	26	85
90					51.9	50.8	49.2	48.8	47.1	42.9	38.7	34	29.5	25.4	25.2	90
95					47.9	46.8	45.1	46.8	43	40.7	36.9	32.8	28.6	24.6	24.4	95
100					44.3	43.1	42.4	43.2	40.6	38.6	35.2	31.6	27.6	23.8	23.6	100
105					25.6	39.9	40.9	39.9	38	36.6	33.6	30.5	26.7	23	22.9	105
110						37.1	38.7	37	35.1	33.7	32.1	29.3	25.7	22.3	22.2	110
115						35.3	36.1	34.4	32.5	31.1	30.6	28.2	25	21.5	21.5	115
120						27.2	33.7	32	30.1	29.8	29	27.1	24.2	20.9	20.8	120
125							31.6	29.8	29.1	28.4	26.8	26	23.4	20.2	20.2	125
130							29.6	27.9	28.2	26.3	24.8	25	22.6	19.6	19.6	130
135							24.2	26	27	24.3	23.9	23.8	22	19	19	135
140								25	25.2	22.9	23	22.2	21.3	18.4	18.4	140
145								24.4	23.6	22.2	21.9	20.5	20.6	17.8	17.7	145
150								21.8	22	21.4	20.4	19.7	20	17.3	17.1	150
155									20.6	20.7	19	19	18.7	16.7	16.5	155
160									19.3	19.6	18.1	18.4	17.3	16.2	15.8	160
165									18.6	18.3	17.5	17.5	16.1	15.6	15.2	165
170										17.2	17	16.4	14.9	15	14.6	170
175										16.2	16	15.3	13.8	14.1	13.8	175
180										15.2	15	14.3	12.8	13	12.8	180
185											14.3	13.3	11.8	12.1	11.8	185
190											13.4	12.4	10.9	11.1	10.9	190
195											12.6	11.5	10.1	10.3	10.1	195
200											5.4	10.7	9.2	9.5	9.3	200
205												10	8.5	8.7	8.5	205
210												9.3	7.7	8	7.7	210
215												4.7	7.1	7.3	7.1	215
220													6.4	6.6	6.4	220
225													5.8	6	5.8	225
230														5.4	5.2	230
235														4.9	4.6	235
240														4.3	4.1	240

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Lifting capacities

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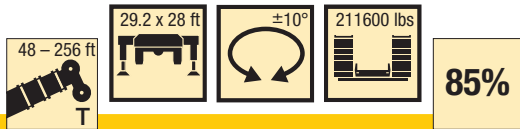


	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
36	141.7															36
38	132.7															38
40	124.7	126.8		123.8	121.4											40
45		111.1	110.4	109.7	104.1	102.8										45
50		95.7	97.6	97.8	96.8	94.4	89.7									50
55		83.1	84.9	85	84.1	82.5	79.2	79.3								55
60			74.7	77.5	77.2	76.2	74.5	72.2	67							60
65			68.3	69.1	68.7	67.7	66.1	65.5	61.9	55.5	48.5					65
70			61.4	62	61.7	60.7	59.5	58.7	55.8	52.6	46.5	39.1				70
75				56.1	55.7	54.7	53.9	54.5	52	49.2	44.5	37.8				75
80				51	50.6	49.6	50.3	49.8	47.8	44.8	42.6	36.5	31.6	27.1	26.8	80
85				46.7	46.2	45.1	46.9	45.3	43.4	41.3	39.8	35.3	30.5	26.3	26	85
90					42.3	42.6	43.1	41.4	39.5	39.1	36.7	34	29.5	25.4	25.2	90
95					39	40.6	39.6	37.9	36.2	36.4	33.6	32.8	28.6	24.6	24.4	95
100					36	37.7	36.5	34.9	34.8	33.5	31.8	30.9	27.6	23.8	23.6	100
105					25.6	35	33.8	32.6	33.1	30.8	30.5	28.7	26.7	23	22.9	105
110						32.5	31.3	30.4	30.7	28.5	28.8	26.5	25.7	22.3	22.2	110
115						30.3	29.1	29.3	28.4	27.4	26.8	25	25	21.5	21.5	115
120						27.2	27.1	28	26.4	26.4	24.9	24.2	23.6	20.9	20.8	120
125							25.4	26.1	24.5	24.7	23.1	23.2	21.9	20.2	20.2	125
130							24.7	24.4	23.2	22.9	22.3	22	20.3	19.6	19.3	130
135							24.1	22.8	22.3	21.3	21.2	20.5	18.8	18.5	18.3	135
140								21.3	21.3	19.7	20	19	17.5	17.2	16.9	140
145								19.9	20	18.9	18.6	17.6	16.1	16	15.7	145
150								18.7	18.7	18.2	17.2	16.3	14.8	14.9	14.5	150
155									17.5	17.2	16	15	13.6	13.8	13.4	155
160									16.4	16.1	14.9	13.9	12.4	12.7	12.4	160
165									15.4	15	13.8	12.8	11.4	11.6	11.4	165
170										14	12.8	11.8	10.4	10.6	10.4	170
175										13.1	11.8	10.9	9.4	9.7	9.4	175
180										12.2	11	10	8.5	8.8	8.5	180
185											10.1	9.1	7.7	7.9	7.7	185
190											9.4	8.4	6.9	7.1	6.9	190
195											8.7	7.6	6.2	6.4	6.2	195
200											5.4	6.9	5.5	5.7	5.5	200
205												6.3	4.8	5	4.8	205
210												5.7	4.2	4.4	4.2	210
215												4.7	3.6	3.8	3.6	215

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Lifting capacities

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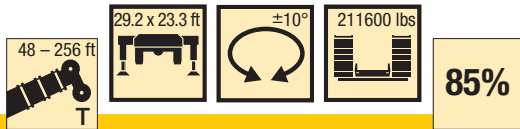


ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	ft
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	298.6	298.6	290.6	247.8	198.4											16
17	298.6	296.2	279.6	246.7	198											17
18	298.6	287.2	272.7	245.5	197.6											18
19	294.9	278.8	264.2	244.2	197.1	159.8										19
20	288.4	270.9	256.3	241.9	196.2	159.3										20
22	271.3	257.2	241.9	230.3	194.3	158.3	130.2									22
24	255	242.8	229.6	217.8	192.3	157.4	129.7									24
26	235.7	230.1	218.6	206.8	190.4	156.4	129.2	102.1								26
28	218.2	218.3	208	197	186.8	155.4	128.6	101.9								28
30	202.9	205.1	198	188.3	182.4	154.4	128	101.6	82.1							30
32	189.4	191.5	188.9	180.4	174.6	153.2	127.4	101.2	82							32
34	177.5	179.5	179.5	172.7	167.5	151.9	126.8	100.9	81.8	66.1						34
36	166.8	168.7	169.5	165.2	161.1	150.5	126.1	100.5	81.5	65.8						36
38	156	159.1	159.8	158.1	155.1	147.1	125.1	99.1	81.1	65.6	54.1					38
40	130.5	150.5	151.1	150.6	149.2	142.2	123.9	97.6	80.6	65.4	53.9					40
45		131.9	132.6	132.2	133.9	130.1	120.6	92.3	78.6	64.6	53.4	43.6				45
50		118.4	117.6	119.9	119	117.7	115.2	86.4	75.4	63.3	52.9	43.3	36.5	30.3		50
55		96.1	107.6	107.6	106.8	105.5	106.9	81.2	71.2	61.2	52.1	42.5	36.1	30.1	29.3	55
60			97.3	97.4	96.5	98	97.1	76.2	67.3	58.4	50.5	41.5	35.4	29.9	29.2	60
65			88.4	88.4	87.4	89.6	88.1	71.5	63.5	55.5	48.5	40.4	34.6	29.4	28.8	65
70			74.2	80.6	79.6	81.8	80.3	67.3	59.8	52.8	46.5	39.1	33.7	28.8	28.4	70
75				73.8	74	74.9	73.5	63.3	56.2	50.1	44.5	37.8	32.7	28	27.7	75
80				68	69.8	69	67.5	59.6	53.1	47.5	42.6	36.5	31.6	27.1	26.8	80
85				60.7	64.8	63.8	62.2	56.2	50.1	45.1	40.6	35.3	30.5	26.3	26	85
90					60.2	59.1	57.6	52.8	47.3	42.9	38.7	34	29.5	25.4	25.2	90
95					56.1	55	53.4	49.5	44.9	40.7	36.9	32.8	28.6	24.6	24.4	95
100					49.3	51.3	49.7	46.9	42.5	38.6	35.2	31.6	27.6	23.8	23.6	100
105					25.6	47.9	46.3	44.3	40.1	36.8	33.6	30.5	26.7	23	22.9	105
110						44.9	43.2	41.9	38.1	34.9	32.1	29.3	25.7	22.3	22.2	110
115						39.6	40.4	40.6	36.2	33.1	30.6	28.2	25	21.5	21.5	115
120						27.2	37.9	39.2	34.4	31.5	29.2	27.1	24.2	20.9	20.8	120
125							35.9	37	32.7	30.1	27.9	26	23.4	20.2	20.2	125
130							34.7	34.9	31.1	28.6	26.5	25	22.6	19.6	19.6	130
135							24.2	32.9	29.3	27.2	25.4	23.9	22	19	19	135
140								31	27.9	26	24.2	22.9	21.3	18.4	18.4	140
145								27.5	26.8	24.8	23.1	22	20.6	17.8	17.7	145
150								21.8	25.6	23.6	22.1	21.1	20	17.3	17.1	150
155									24.7	22.6	21.1	20.2	19.3	16.7	16.5	155
160									24	21.6	20.2	19.3	18.6	16.2	15.8	160
165									18.6	20.8	19.3	18.5	17.9	15.6	15.2	165
170										20	18.5	17.8	17.2	15.1	14.6	170
175										18.7	17.8	17	16.5	14.6	14	175
180										15.3	17.2	16.3	15.9	14.2	13.3	180
185											16.6	15.6	15.3	13.7	12.7	185
190											15.7	15	14.6	13.2	12.2	190
195											13.2	14.6	14	12.8	11.6	195
200											5.4	14.2	13.5	12.3	11.1	200
205												13.7	13	11.9	10.6	205
210												10.3	12.5	11.4	10.1	210
215												4.7	11.8	11	9.6	215
220													10.3	10.6	9.2	220
225													7.2	10.2	8.7	225
230														9.6	8.3	230
235														7.6	7.9	235
240														4.8	5.9	240

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Lifting capacities

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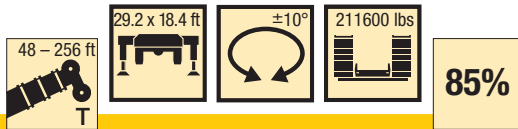


	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	298.6	298.6	290.6	247.8	198.4											16
17	298.6	296.2	279.6	246.7	198											17
18	298.6	287.2	272.7	245.5	197.6											18
19	294.9	278.8	264.2	244.2	197.1	159.8										19
20	288.4	270.9	256.3	241.9	196.2	159.3										20
22	271.3	257.2	241.9	230.3	194.3	158.3	130.2									22
24	255	242.8	229.6	217.8	192.3	157.4	129.7									24
26	235.7	230.1	218.6	206.8	190.4	156.4	129.2	102.1								26
28	218.2	218.3	208	197	186.8	155.4	128.6	101.9								28
30	202.9	205.1	198	188.3	182.4	154.4	128	101.6	82.1							30
32	189.4	191.5	188.9	180.4	174.6	153.2	127.4	101.2	82							32
34	177.5	179.5	179.5	172.7	167.5	151.9	126.8	100.9	81.8	66.1						34
36	166.8	168.7	169.5	165.2	161.1	150.5	126.1	100.5	81.5	65.8						36
38	156	159.1	159.8	158.1	155.1	147.1	125.1	99.1	81.1	65.6	54.1					38
40	130.5	150.5	151.1	150.6	149.2	142.2	123.9	97.6	80.6	65.4	53.9					40
45		131.9	132.6	132.2	133.9	130.1	120.6	92.3	78.6	64.6	53.4	43.6				45
50		118.4	117.6	119.9	119	117.7	115.2	86.4	75.4	63.3	52.9	43.3	36.5	30.3		50
55		96.1	107.6	107.6	106.8	105.5	106.9	81.2	71.2	61.2	52.1	42.5	36.1	30.1	29.3	55
60			97.3	97.4	96.5	98	97.1	76.2	67.3	58.4	50.5	41.5	35.4	29.9	29.2	60
65			88.4	88.4	87.4	89.6	88.1	71.5	63.5	55.5	48.5	40.4	34.6	29.4	28.8	65
70			74.2	80.6	79.6	81.8	80.3	67.3	59.8	52.8	46.5	39.1	33.7	28.8	28.4	70
75				73.8	74	74.9	73.5	63.3	56.2	50.1	44.5	37.8	32.7	28	27.7	75
80				68	69.8	69	67.5	59.6	53.1	47.5	42.6	36.5	31.6	27.1	26.8	80
85				60.7	64.8	63.8	62.2	56.2	50.1	45.1	40.6	35.3	30.5	26.3	26	85
90					60.2	59.1	57.6	52.8	47.3	42.9	38.7	34	29.5	25.4	25.2	90
95					56.1	55	53.4	49.5	44.9	40.7	36.9	32.8	28.6	24.6	24.4	95
100					49.3	51.1	49.4	46.9	42.5	38.6	35.2	31.6	27.6	23.8	23.6	100
105					25.6	47.4	45.8	44.1	40.1	36.8	33.6	30.5	26.7	23	22.9	105
110						44.2	42.5	41.9	38.1	34.9	32.1	29.3	25.7	22.3	22.2	110
115						39.6	39.5	40.6	36.2	33.1	30.6	28.2	25	21.5	21.5	115
120						27.2	36.9	38.4	34.4	31.5	29.2	27.1	24.2	20.9	20.8	120
125							35.9	36	32.2	30.1	27.9	26	23.4	20.2	20.2	125
130							34.7	33.7	30.7	28.6	26.5	25	22.6	19.6	19.6	130
135							24.2	31.7	29.3	27.2	25.4	23.9	22	19	19	135
140								29.8	27.7	25.9	24.2	22.9	21.3	18.4	18.4	140
145								27.5	25.9	24.3	23.1	22	20.6	17.8	17.7	145
150								21.8	25.2	23.3	22.1	21.1	20	17.3	17.1	150
155									24.7	22.4	21.1	20.2	19.3	16.7	16.5	155
160									24	21.5	20	19.3	18.6	16.2	15.8	160
165									18.6	20.2	19.1	18.5	17.9	15.6	15.2	165
170										19.1	18.4	17.8	17.2	15.1	14.6	170
175										18.7	17.8	17	16.5	14.6	14	175
180										15.3	17.2	16	15.9	14.2	13.3	180
185											16.4	15.5	15.3	13.7	12.7	185
190											15.3	15	14.6	13.2	12.2	190
195											13.2	14.6	14	12.8	11.6	195
200											5.4	14.2	13.1	12.3	11.1	200
205												13.7	12.2	11.9	10.6	205
210												10.3	11.4	11.4	10.1	210
215												4.7	10.6	10.9	9.6	215
220													9.8	10.1	9.2	220
225													7.2	9.4	8.7	225
230														8.7	8.3	230
235														7.6	7.9	235
240														4.8	5.9	240

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Lifting capacities

T



ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	ft
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	298.6	298.6	290.6	247.8	198.4											16
17	298.6	296.2	279.6	246.7	198											17
18	298.6	287.2	272.7	245.5	197.6											18
19	294.9	278.8	264.2	244.2	197.1	159.8										19
20	288.4	270.9	256.3	241.9	196.2	159.3										20
22	271.3	257.2	241.9	230.3	194.3	158.3	130.2									22
24	255	242.8	229.6	217.8	192.3	157.4	129.7									24
26	235.7	230.1	218.6	206.8	190.4	156.4	129.2	102.1								26
28	218.2	218.3	208	197	186.8	155.4	128.6	101.9								28
30	202.9	205.1	198	188.3	182.4	154.4	128	101.6	82.1							30
32	189.4	191.5	188.9	180.4	174.6	153.2	127.4	101.2	82							32
34	177.5	179.5	179.5	172.7	167.5	151.9	126.8	100.9	81.8	66.1						34
36	166.8	168.7	169.5	165.2	161.1	150.5	126.1	100.5	81.5	65.8						36
38	156	159.1	159.8	158.1	155.1	147.1	125.1	99.1	81.1	65.6	54.1					38
40	130.5	150.5	151.1	150.6	149.2	142.2	123.9	97.6	80.6	65.4	53.9					40
45		131.9	132.6	132.2	133.9	130.1	120.6	92.3	78.6	64.6	53.4	43.6				45
50		118.4	117.6	119.9	119	117.7	115.2	86.4	75.4	63.3	52.9	43.3	36.5	30.3		50
55		96.1	107.6	107.6	106.8	105.5	106.9	81.2	71.2	61.2	52.1	42.5	36.1	30.1	29.3	55
60			97.3	97.4	96.5	98	97.1	76.2	67.3	58.4	50.5	41.5	35.4	29.9	29.2	60
65			88.4	88.4	87.4	89.6	88.1	71.5	63.5	55.5	48.5	40.4	34.6	29.4	28.8	65
70			74.2	80.6	79.6	81.8	80.3	67.3	59.8	52.8	46.5	39.1	33.7	28.8	28.4	70
75				73.8	74	74.9	73.5	63.3	56.2	50.1	44.5	37.8	32.7	28	27.7	75
80				68	69.8	69	67.5	59.6	53.1	47.5	42.6	36.5	31.6	27.1	26.8	80
85				60.7	64.8	63.8	62.2	56.2	50.1	45.1	40.6	35.3	30.5	26.3	26	85
90					60.2	59.1	57.6	52.8	47.3	42.9	38.7	34	29.5	25.4	25.2	90
95					56.1	55	53.4	49.5	44.9	40.7	36.9	32.8	28.6	24.6	24.4	95
100					49.3	51.1	49.4	46.9	42.5	38.6	35.2	31.6	27.6	23.8	23.6	100
105					25.6	47.4	45.7	44	40.1	36.8	33.6	30.5	26.7	23	22.9	105
110						44.1	42.4	41.9	38.1	34.9	32.1	29.3	25.7	22.3	22.2	110
115						39.6	39.5	40.6	36.2	33.1	30.6	28.2	25	21.5	21.5	115
120						27.2	36.9	38.4	34.4	31.5	29.2	27.1	24.2	20.9	20.8	120
125							35.9	35.9	32.2	30.1	27.9	26	23.4	20.2	20.2	125
130							34.7	33.7	30.7	28.6	26.5	25	22.6	19.6	19.6	130
135							24.2	31.6	29.3	27.2	25.4	23.9	22	19	19	135
140								29.8	27.6	25.9	24.2	22.9	21.3	18.4	18.4	140
145								27.5	25.9	24.3	23.1	22	20.6	17.8	17.7	145
150								21.8	25.2	23.3	22.1	21.1	20	17.3	17.1	150
155									24.7	22.4	21.1	20.2	19.3	16.7	16.5	155
160									24	21.4	20	19.3	18.6	16.2	15.8	160
165									18.6	20.1	19.1	18.5	17.9	15.6	15.2	165
170										19.1	18.4	17.8	17.2	15.1	14.6	170
175										18.7	17.8	17	16.5	14.6	14	175
180										15.3	17.2	16	15.9	14.2	13.3	180
185											16.4	15.5	15.3	13.7	12.7	185
190											15.3	15	14.6	13.2	12.2	190
195											13.2	14.6	14	12.8	11.6	195
200											5.4	14.2	13.1	12.3	11.1	200
205												13.6	12.2	11.9	10.6	205
210												10.3	11.4	11.4	10.1	210
215												4.7	10.6	10.8	9.6	215
220													9.8	10.1	9.2	220
225													7.2	9.4	8.7	225
230														8.7	8.3	230
235														7.6	7.9	235
240														4.8	5.9	240

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Lifting capacities

T



ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	ft
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	298.6	298.6	290.6	247.8	198.4											16
17	296.9	296.2	279.6	246.7	198											17
18	292.1	287.2	272.7	245.5	197.6											18
19	281.8	278.8	264.2	244.2	197.1	159.8										19
20	270.8	269.6	256.3	241.9	196.2	159.3										20
22	249.9	251.9	241.9	230.3	194.3	158.3	130.2									22
24	231.8	233.8	229.6	217.8	192.3	157.4	129.7									24
26	215.6	217.6	216.9	206.8	190.4	156.4	129.2	102.1								26
28	200.9	203	203.6	197	186.8	155.4	128.6	101.9								28
30	187.5	189.5	190.2	188.3	182.4	154.4	128	101.6	82.1							30
32	174.7	177	177.5	176.8	174.6	153.2	127.4	101.2	82							32
34	163.4	165.6	166.3	165.8	166.9	151.9	126.8	100.9	81.8	66.1						34
36	153.3	155.3	156.1	157.2	157.6	149.5	126.1	100.5	81.5	65.8						36
38	144.2	147.7	147.8	149.1	148.6	143.5	125.1	99.1	81.1	65.6	54.1					38
40	130.5	139.5	141.1	141.2	140.3	136	123.9	97.6	80.6	65.4	53.9					40
45		121.3	123.1	123.1	122.2	120.1	118.3	92.3	78.6	64.6	53.4	43.6				45
50		106.4	108	108.1	107.2	109.5	105.5	86.4	75.4	63.3	52.9	43.3	36.5	30.3		50
55		93.9	95.9	96	97.1	97.3	94.6	81.2	71.2	61.2	52.1	42.5	36.1	30.1	29.3	55
60			85.8	85.9	88.1	87.2	85.5	76.2	67.3	58.4	50.5	41.5	35.4	29.9	29.2	60
65			77.4	77.5	79.6	78.6	77.1	71.5	63.5	55.5	48.5	40.4	34.6	29.4	28.8	65
70			70.2	72.4	72.4	71.4	69.8	66.7	59.8	52.8	46.5	39.1	33.7	28.8	28.4	70
75				66.3	65.9	64.8	63.3	61.4	56.2	50.1	44.5	37.8	32.7	28	27.7	75
80				60.5	60.1	59	57.4	56.5	53.1	47.5	42.6	36.5	31.6	27.1	26.8	80
85				55.3	54.8	53.7	52	51.6	49.8	45.1	40.6	35.3	30.5	26.3	26	85
90					50.3	49.2	47.6	48.8	45.4	42.9	38.7	34	29.5	25.4	25.2	90
95					46.2	45.1	44	45.1	42.7	40.6	36.9	32.8	28.6	24.6	24.4	95
100					42.7	41.5	42.4	41.5	39.5	38	35.2	31.6	27.6	23.8	23.6	100
105					25.6	38.3	40	38.3	36.3	34.9	33.6	30.5	26.7	23	22.9	105
110						36.4	37.1	35.3	33.4	32.6	31.6	29.3	25.7	22.3	22.2	110
115						35.3	34.5	32.7	31.1	31.1	29.4	28.2	25	21.5	21.5	115
120						27.2	32.1	30.4	30	28.9	27.2	27.1	24.2	20.9	20.8	120
125							30	28.2	28.9	26.7	25.9	25.6	23.4	20.2	20.2	125
130							28.1	26.7	27.2	24.6	24.8	23.9	22.6	19.6	19.6	130
135							24.2	25.7	25.4	23.7	23.8	22.2	22	19	19	135
140								25	23.6	22.9	22.1	21.1	21.2	18.4	18.4	140
145								23.9	22	22.1	20.4	20.4	20.1	17.8	17.7	145
150								21.8	20.5	20.8	19.3	19.7	18.6	17.3	17.1	150
155									19.6	19.4	18.7	18.6	17.2	16.7	16.4	155
160									18.9	18.1	18.1	17.3	15.9	16	15.7	160
165									18.6	16.9	16.8	16.1	14.6	14.9	14.7	165
170										15.9	15.9	15	13.5	13.8	13.5	170
175										15.5	14.9	13.9	12.4	12.7	12.4	175
180										15.2	13.9	12.9	11.4	11.7	11.4	180
185											13	11.9	10.5	10.7	10.5	185
190											12.1	11.1	9.6	9.8	9.6	190
195											11.3	10.2	8.7	9	8.8	195
200											5.4	9.4	8	8.2	8	200
205												8.7	7.2	7.4	7.2	205
210												8	6.5	6.7	6.5	210
215												4.7	5.9	6.1	5.9	215
220													5.2	5.4	5.2	220
225													4.7	4.8	4.6	225
230														4.3	4.1	230
235														3.7	3.5	235

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Lifting capacities

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ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	ft
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	289.6													12
13	298.6	298.6	288.8													13
14	298.6	298.6	288.1													14
15	298.6	298.6	287.4	248.3	191.2											15
16	295	298.4	285	247.8	198.4											16
17	288	288.2	279.6	246.7	198											17
18	276.4	276.8	272.7	245.5	197.6											18
19	265.9	267.1	264.2	244.2	197.1	159.8										19
20	255.9	257.6	256.3	241.9	196.2	159.3										20
22	237.8	239.6	239.7	230.3	194.3	158.3	130.2									22
24	222	223.7	224	217.8	192.3	157.4	129.7									24
26	207.9	209.7	210.2	206.8	190.4	156.4	129.2	102.1								26
28	195	196.7	196.9	196.5	186.8	155.4	128.6	101.9								28
30	180.3	182.9	183.6	182.7	179.9	154.4	128	101.6	82.1							30
32	166.7	169.2	169.8	171	168.1	153.2	127.4	101.2	82							32
34	154.8	158.7	159.8	160.8	157.5	149.1	126.8	100.9	81.8	66.1						34
36	144.3	148.1	150	149.9	148.2	141.7	126.1	100.5	81.5	65.8						36
38	134.9	138.8	140.6	140.7	139.5	133.6	125.1	99.1	81.1	65.6	54.1					38
40	126.6	130.3	132.1	132.2	131.3	128.4	122.8	97.6	80.6	65.4	53.9					40
45		112.6	114.4	114.3	113.5	114.8	108.8	92.3	78.6	64.6	53.4	43.6				45
50		97.3	99.3	99.4	102.3	100.6	95.5	86.4	75.4	63.3	52.9	43.3	36.5	30.3		50
55		83.8	85.7	88.4	88.5	87.5	84.4	79.2	71.2	61.2	52.1	42.5	36.1	30.1	29.3	55
60			74.9	77.9	77.6	76.5	74.7	71.9	66.7	58.4	50.5	41.5	35.4	29.9	29.2	60
65			68.2	69	68.7	67.6	65.9	65.1	61.2	55.5	48.5	40.4	34.6	29.4	28.8	65
70			61	61.7	61.4	60.3	59.1	58.4	55.4	52.4	46.5	39.1	33.7	28.8	28.4	70
75				55.5	55.2	54.1	53.6	54.1	51.6	48.1	44.5	37.8	32.7	28	27.7	75
80				50.3	49.9	48.9	50.2	49	46.8	43.6	42.1	36.5	31.6	27.1	26.8	80
85				45.9	45.4	44.5	46.2	44.5	42.5	41.3	38.9	35.3	30.5	26.3	26	85
90					41.5	42.6	42.2	40.5	38.5	38.4	35.5	34	29.5	25.4	25.2	90
95					38.1	39.9	38.7	37	36.2	35.2	33.1	32.5	28.6	24.6	24.4	95
100					35.6	36.8	35.6	34.4	34.8	32.3	31.8	29.9	27.6	23.8	23.6	100
105					25.6	34.1	32.9	31.6	32.2	29.7	29.9	27.5	26.7	23	22.9	105
110						31.6	30.4	30.4	29.7	28.5	27.7	26	25.7	22.3	22.2	110
115						29.4	28.2	29	27.5	27.3	25.7	25	24.1	21.5	21.5	115
120						27	26.3	27	25.4	25.7	24.1	23.9	22.4	20.9	20.8	120
125							25.4	25.2	24.1	23.7	23.1	22.4	20.7	20.1	20	125
130							24.6	23.4	23.2	21.9	21.9	20.9	19.2	18.8	18.6	130
135							23.2	21.8	22	20.3	20.5	19.4	17.7	17.5	17.2	135
140								20.3	20.4	19.6	19	18	16.4	16.2	15.8	140
145								19.3	19	18.7	17.6	16.6	15.1	14.9	14.6	145
150								18.7	17.7	17.5	16.3	15.3	13.8	13.8	13.5	150
155									16.6	16.3	15.1	14.1	12.6	12.7	12.4	155
160									15.6	15.2	13.9	12.9	11.5	11.7	11.4	160
165									14.7	14.1	12.9	11.9	10.4	10.6	10.4	165
170										13.1	11.9	10.9	9.4	9.7	9.4	170
175										12.2	10.9	9.9	8.5	8.7	8.5	175
180										11.4	10.1	9.1	7.6	7.9	7.6	180
185											9.3	8.2	6.8	7	6.8	185
190											8.5	7.5	6	6.2	6	190
195											7.8	6.8	5.3	5.5	5.3	195
200											5.4	6.1	4.6	4.8	4.6	200
205												5.4	4	4.2	4	205
210												4.9	3.3	3.6	3.3	210
215												4.3				215

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Lifting capacities

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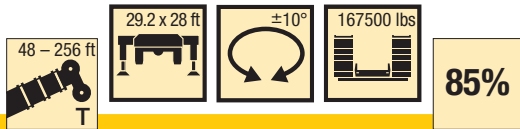


ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	ft
28	173.4	168.6														28
30	159.6	160.6		149.9	140.4											30
32	147.5	151.4	147.5	138.4	129.5											32
34	136.2	140.7	139.7	133	124.7	117.3										34
36	124.2	128.9	131.4	123.4	116.2	109.2										36
38	114	118.6	120.9	115.4	113.8	107										38
40	105	109.6	111.7	111.9	106.8	100.4	94.7									40
45		92.1	93.4	96.4	95.9	91.8	87.2	83.2	77.6							45
50		78.8	81.6	82.5	82.2	80.5	76.6	72.9	69.8	63.3						50
55		68.1	70.8	71.7	71.4	70.4	69	66.9	63	59.2	52.1	42.5				55
60			62.2	63	62.6	61.6	62	60.4	56.3	53.5	50	41.5	35.4		29.2	60
65			55.1	55.8	55.5	55.5	56.4	54.2	50.7	49.2	45.5	40.4	34.6	29.4	28.8	65
70			49.2	49.9	49.5	51.4	50.4	48.7	47.1	44.2	40.9	39.1	33.7	28.8	28.4	70
75				44.9	44.9	46.5	45.4	44.2	42.8	39.9	39.1	36.7	32.7	28	27.7	75
80				40.6	42.4	42.1	41	39.8	40.3	37.7	36	33.2	31.6	27.1	26.8	80
85				36.9	38.8	38.3	37.2	37.5	36.6	35.1	32.9	31.5	30.3	26.3	26	85
90					35.5	35	34.7	34.8	33.6	32.9	30.8	29.8	28.3	25.4	25.2	90
95					32.6	32.1	32	31.9	30.9	30.3	29.4	27.6	25.8	24.3	24.1	95
100					30.1	29.6	30.4	29.3	29.5	27.9	27.2	25.4	23.7	23.1	22.6	100
105					25.6	27.2	28.1	27	27.1	26.2	25.2	23.4	21.7	21.2	20.9	105
110						25.9	26	25.4	25.1	24.9	23.3	21.5	19.8	19.4	19.1	110
115						24.7	24.1	24.2	23.1	23	21.5	19.7	18.1	17.8	17.4	115
120						23.1	22.4	22.4	21.4	21.1	19.9	18.2	16.6	16.3	15.9	120
125							20.7	20.8	19.9	19.4	18.2	16.7	15.1	14.9	14.5	125
130							19.2	19.3	18.3	17.9	16.7	15.4	13.8	13.6	13.3	130
135							18	17.9	16.9	16.5	15.3	14.1	12.6	12.4	12.1	135
140								16.6	15.6	15.2	14	13	11.4	11.2	10.9	140
145								15.4	14.4	14	12.8	11.8	10.3	10.2	9.9	145
150								14.4	13.3	12.9	11.6	10.7	9.2	9.2	8.9	150
155									12.3	11.8	10.6	9.6	8.2	8.3	8	155
160									11.4	10.9	9.6	8.6	7.2	7.4	7.1	160
165									10.5	9.9	8.7	7.7	6.3	6.5	6.3	165
170										9.1	7.9	6.9	5.4	5.7	5.4	170
175										8.3	7.1	6.1	4.6	4.9	4.7	175
180										7.6	6.4	5.3	3.9	4.1	3.9	180
185											5.7	4.6		3.4		185
190											5	4				190
195											4.4	3.4				195
200											3.9					200

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Lifting capacities

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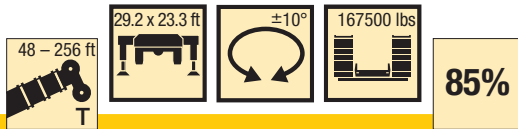


ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	ft
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	298.6	298.6	290.6	247.8	198.4											16
17	298.6	296.2	279.6	246.7	198											17
18	298.6	287.2	272.7	245.5	197.6											18
19	294.9	278.8	264.2	244.2	197.1	159.8										19
20	287.4	270.9	256.3	241.9	196.2	159.3										20
22	263.6	257.2	241.9	230.3	194.3	158.3	130.2									22
24	241.1	241.3	229.6	217.8	192.3	157.4	129.7									24
26	221.9	224.2	218.6	206.8	190.4	156.4	129.2	102.1								26
28	205.3	207.5	206.7	197	186.8	155.4	128.6	101.9								28
30	190.8	193	193.5	188.3	182.4	154.4	128	101.6	82.1							30
32	178	180.1	180.6	178.8	174.6	153.2	127.4	101.2	82							32
34	166.7	168.7	169.4	169	167.5	151.9	126.8	100.9	81.8	66.1						34
36	156.6	158.5	159.3	158.6	160.3	150.5	126.1	100.5	81.5	65.8						36
38	147.6	149.5	150.2	151	151.6	146.6	125.1	99.1	81.1	65.6	54.1					38
40	130.5	142.1	141.9	144.2	143.4	140.1	123.9	97.6	80.6	65.4	53.9					40
45		125	126.6	126.5	125.9	123.6	120.3	92.3	78.6	64.6	53.4	43.6				45
50		110.5	112.1	112.1	111.2	111.7	109.8	86.4	75.4	63.3	52.9	43.3	36.5	30.3		50
55		96.1	100	100	99.1	101.4	99	81.2	71.2	61.2	52.1	42.5	36.1	30.1	29.3	55
60			89.5	89.5	90.2	90.9	89.3	76.2	67.3	58.4	50.5	41.5	35.4	29.9	29.2	60
65			79.3	79.4	81.9	80.8	79.1	71.5	63.5	55.5	48.5	40.4	34.6	29.4	28.8	65
70			70.9	72.5	73.4	72.3	70.6	67.3	59.8	52.8	46.5	39.1	33.7	28.8	28.4	70
75				66.5	66.2	65.1	63.5	61.8	56.2	50.1	44.5	37.8	32.7	28	27.7	75
80				60.5	60.1	59	57.4	56.5	53.1	47.5	42.6	36.5	31.6	27.1	26.8	80
85				55.3	54.8	53.7	52	51.6	50	45.1	40.6	35.3	30.5	26.3	26	85
90					50.3	49.2	47.7	48.8	45.4	42.9	38.7	34	29.5	25.4	25.2	90
95					46.3	45.1	44	45.2	42.7	40.7	36.9	32.8	28.6	24.6	24.4	95
100					42.8	41.6	42.4	41.6	39.7	38.2	35.2	31.6	27.6	23.8	23.6	100
105					25.6	38.5	40.2	38.4	36.5	35.1	33.6	30.5	26.7	23	22.9	105
110						36.4	37.3	35.6	33.7	32.6	31.9	29.3	25.7	22.3	22.2	110
115						35.3	34.7	33	31.1	31.1	29.9	28.2	25	21.5	21.5	115
120						27.2	32.4	30.7	30	29.3	27.6	27.1	24.2	20.9	20.8	120
125							30.3	28.6	29.1	27	25.9	25.8	23.4	20.2	20.2	125
130							28.4	26.8	27.6	24.9	24.8	24.3	22.6	19.6	19.6	130
135							24.2	25.7	25.8	23.7	23.9	22.6	22	19	19	135
140								25	24	22.9	22.4	21.1	21.3	18.4	18.4	140
145								24.3	22.4	22.2	20.8	20.4	20.5	17.8	17.7	145
150								21.8	20.9	21.2	19.3	19.7	19	17.3	17.1	150
155									19.6	19.8	18.7	18.9	17.6	16.7	16.5	155
160									18.9	18.5	18.1	17.7	16.3	16.1	15.8	160
165									18.6	17.3	17.2	16.5	15	15.2	14.9	165
170										16.2	16.1	15.4	13.9	14.2	13.9	170
175										15.5	15.3	14.3	12.8	13.1	12.9	175
180										15.2	14.3	13.3	11.8	12.1	11.8	180
185											13.4	12.3	10.9	11.1	10.9	185
190											12.5	11.5	10	10.2	10	190
195											11.7	10.6	9.2	9.4	9.2	195
200											5.4	9.8	8.4	8.6	8.4	200
205												9.1	7.6	7.8	7.6	205
210												8.4	6.9	7.1	6.9	210
215												4.7	6.3	6.5	6.2	215
220													5.6	5.8	5.6	220
225													5	5.2	5	225
230														4.7	4.4	230
235														4.1	3.9	235
240														3.6	3.4	240

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Lifting capacities

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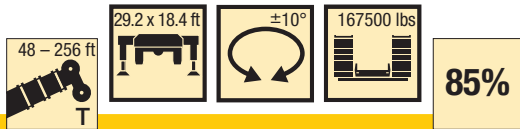


ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	ft
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	298.6	298.6	290.6	247.8	198.4											16
17	298.6	296.2	279.6	246.7	198											17
18	298.6	287.2	272.7	245.5	197.6											18
19	294.9	278.8	264.2	244.2	197.1	159.8										19
20	287.4	270.9	256.3	241.9	196.2	159.3										20
22	263.6	257.2	241.9	230.3	194.3	158.3	130.2									22
24	241.1	241.3	229.6	217.8	192.3	157.4	129.7									24
26	221.9	224.2	218.6	206.8	190.4	156.4	129.2	102.1								26
28	205.3	207.5	206.7	197	186.8	155.4	128.6	101.9								28
30	190.8	193	193.5	188.3	182.4	154.4	128	101.6	82.1							30
32	178	180.1	180.6	178.8	174.6	153.2	127.4	101.2	82							32
34	166.7	168.7	169.4	169	167.5	151.9	126.8	100.9	81.8	66.1						34
36	156.6	158.5	159.3	158.6	160.3	150.5	126.1	100.5	81.5	65.8						36
38	147.6	149.5	150.2	151	151.6	146.6	125.1	99.1	81.1	65.6	54.1					38
40	130.5	142.1	141.9	144.2	143.4	140.1	123.9	97.6	80.6	65.4	53.9					40
45		125	126.6	126.5	125.9	123.6	120.3	92.3	78.6	64.6	53.4	43.6				45
50		110.5	112.1	112.1	111.2	111.7	109.8	86.4	75.4	63.3	52.9	43.3	36.5	30.3		50
55		96.1	100	100	99.1	101.4	99	81.2	71.2	61.2	52.1	42.5	36.1	30.1	29.3	55
60			89.5	89.5	90.2	90.9	89.3	76.2	67.3	58.4	50.5	41.5	35.4	29.9	29.2	60
65			79.3	79.3	81.8	80.8	79.1	71.5	63.5	55.5	48.5	40.4	34.6	29.4	28.8	65
70			70.9	72.5	73.3	72.3	70.6	67.3	59.8	52.8	46.5	39.1	33.7	28.8	28.4	70
75				66.5	66.1	65	63.4	61.8	56.2	50.1	44.5	37.8	32.7	28	27.7	75
80				60.4	60	59	57.3	56.4	53.1	47.5	42.6	36.5	31.6	27.1	26.8	80
85				55.3	54.8	53.7	52	51.6	50	45.1	40.6	35.3	30.5	26.3	26	85
90					50.2	49.1	47.7	48.8	45.4	42.9	38.7	34	29.5	25.4	25.2	90
95					46.2	45.1	44	45.2	42.7	40.7	36.9	32.8	28.6	24.6	24.4	95
100					42.8	41.6	42.4	41.6	39.7	38.2	35.2	31.6	27.6	23.8	23.6	100
105					25.6	38.4	40.1	38.4	36.5	35.1	33.6	30.5	26.7	23	22.9	105
110						36.4	37.3	35.6	33.7	32.6	31.8	29.3	25.7	22.3	22.2	110
115						35.3	34.7	33	31.1	31.1	29.9	28.2	25	21.5	21.5	115
120						27.2	32.4	30.7	30	29.3	27.6	27.1	24.2	20.9	20.8	120
125							30.3	28.5	29.1	27	25.9	25.8	23.4	20.2	20.2	125
130							28.4	26.8	27.6	24.9	24.8	24.3	22.6	19.6	19.6	130
135							24.2	25.7	25.7	23.7	23.9	22.6	22	19	19	135
140								25	24	22.9	22.4	21.1	21.3	18.4	18.4	140
145								24.3	22.4	22.2	20.8	20.4	20.5	17.8	17.7	145
150								21.8	20.9	21.1	19.3	19.7	19	17.3	17.1	150
155									19.6	19.8	18.7	18.9	17.6	16.7	16.5	155
160									18.9	18.5	18.1	17.7	16.3	16.1	15.8	160
165									18.6	17.3	17.2	16.5	15	15.2	14.9	165
170										16.2	16.1	15.4	13.9	14.2	13.9	170
175										15.5	15.3	14.3	12.8	13.1	12.9	175
180										15.2	14.3	13.3	11.8	12.1	11.8	180
185											13.4	12.3	10.9	11.1	10.9	185
190											12.5	11.4	10	10.2	10	190
195											11.7	10.6	9.1	9.4	9.2	195
200											5.4	9.8	8.3	8.6	8.4	200
205												9.1	7.6	7.8	7.6	205
210												8.4	6.9	7.1	6.9	210
215												4.7	6.2	6.5	6.2	215
220													5.6	5.8	5.6	220
225													5	5.2	5	225
230														4.7	4.4	230
235														4.1	3.9	235
240														3.6	3.4	240

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Lifting capacities

T



ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	ft
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	298.6	298.6	290.6	247.8	198.4											16
17	298.6	296.2	279.6	246.7	198											17
18	298.6	287.2	272.7	245.5	197.6											18
19	294.9	278.8	264.2	244.2	197.1	159.8										19
20	287.4	270.9	256.3	241.9	196.2	159.3										20
22	263.6	257.2	241.9	230.3	194.3	158.3	130.2									22
24	241.1	241.3	229.6	217.8	192.3	157.4	129.7									24
26	221.9	224.2	218.6	206.8	190.4	156.4	129.2	102.1								26
28	205.3	207.5	206.7	197	186.8	155.4	128.6	101.9								28
30	190.8	193	193.5	188.3	182.4	154.4	128	101.6	82.1							30
32	178	180.1	180.6	178.8	174.6	153.2	127.4	101.2	82							32
34	166.7	168.7	169.4	169	167.5	151.9	126.8	100.9	81.8	66.1						34
36	156.6	158.5	159.3	158.6	160.3	150.5	126.1	100.5	81.5	65.8						36
38	147.6	149.5	150.2	151	151.6	146.6	125.1	99.1	81.1	65.6	54.1					38
40	130.5	142.1	141.9	144.2	143.4	140.1	123.9	97.6	80.6	65.4	53.9					40
45		125	126.6	126.5	125.9	123.6	120.3	92.3	78.6	64.6	53.4	43.6				45
50		110.5	112.1	112.1	111.2	111.7	109.8	86.4	75.4	63.3	52.9	43.3	36.5	30.3		50
55		96.1	100	100	99.1	101.4	99	81.2	71.2	61.2	52.1	42.5	36.1	30.1	29.3	55
60			89.4	89.4	90.2	90.8	89.2	76.2	67.3	58.4	50.5	41.5	35.4	29.9	29.2	60
65			79.2	79.2	81.7	80.7	79	71.5	63.5	55.5	48.5	40.4	34.6	29.4	28.8	65
70			70.8	72.5	73.3	72.2	70.5	67.3	59.8	52.8	46.5	39.1	33.7	28.8	28.4	70
75				66.4	66.1	65	63.4	61.7	56.2	50.1	44.5	37.8	32.7	28	27.7	75
80				60.4	60	58.9	57.3	56.4	53.1	47.5	42.6	36.5	31.6	27.1	26.8	80
85				55.2	54.7	53.6	52	51.5	49.9	45.1	40.6	35.3	30.5	26.3	26	85
90					50.2	49.1	47.6	48.8	45.3	42.9	38.7	34	29.5	25.4	25.2	90
95					46.2	45.1	44	45.1	42.7	40.7	36.9	32.8	28.6	24.6	24.4	95
100					42.7	41.5	42.4	41.6	39.6	38.2	35.2	31.6	27.6	23.8	23.6	100
105					25.6	38.4	40.1	38.4	36.5	35	33.6	30.5	26.7	23	22.9	105
110						36.4	37.2	35.5	33.6	32.6	31.8	29.3	25.7	22.3	22.2	110
115						35.3	34.6	32.9	31.1	31.1	29.8	28.2	25	21.5	21.5	115
120							27.2	32.4	30.6	30	29.2	27.6	27.1	24.2	20.9	120
125								30.2	28.5	29.1	27	25.9	25.8	23.4	20.2	125
130								28.3	26.8	27.5	24.9	24.8	24.3	22.6	19.6	130
135								24.2	25.7	25.7	23.7	23.9	22.5	22	19	135
140								25	24	22.9	22.4	21.1	21.3	18.4	18.4	140
145								24.2	22.4	22.2	20.8	20.4	20.5	17.8	17.7	145
150								21.8	20.9	21.1	19.3	19.7	18.9	17.3	17.1	150
155									19.6	19.8	18.7	18.8	17.6	16.7	16.5	155
160									18.9	18.5	18.1	17.7	16.2	16.1	15.8	160
165									18.6	17.3	17.2	16.5	15	15.2	14.9	165
170										16.2	16.1	15.3	13.9	14.1	13.9	170
175										15.5	15.3	14.3	12.8	13.1	12.8	175
180										15.2	14.3	13.3	11.8	12	11.8	180
185											13.4	12.3	10.8	11.1	10.9	185
190											12.5	11.4	10	10.2	10	190
195											11.7	10.6	9.1	9.4	9.1	195
200											5.4	9.8	8.3	8.6	8.3	200
205												9.1	7.6	7.8	7.6	205
210												8.4	6.9	7.1	6.9	210
215												4.7	6.2	6.4	6.2	215
220													5.6	5.8	5.6	220
225													5	5.2	5	225
230														4.6	4.4	230
235														4.1	3.9	235
240														3.6	3.4	240

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Lifting capacities

T



ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	ft
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	297.4	298.5	290.6	247.8	198.4											16
17	291.7	291.9	279.6	246.7	198											17
18	278.6	279.1	272.7	245.5	197.6											18
19	266.3	267.7	264.2	244.2	197.1	159.8										19
20	254.5	256.7	255.4	241.9	196.2	159.3										20
22	232	234.6	234.7	229.8	194.3	158.3	130.2									22
24	211.7	214.2	214.6	212.1	192.3	157.4	129.7									24
26	194.3	196.7	197.6	196	189.4	156.4	129.2	102.1								26
28	178.8	182.7	182	184.5	176.8	155.4	128.6	101.9								28
30	164.3	168.5	170.2	170.1	164.3	153.3	128	101.6	82.1							30
32	151.7	155.8	157.4	157.9	152.9	144.8	127.4	101.2	82							32
34	140.6	144.6	146.5	146.7	141.3	137.9	126.8	100.9	81.8	66.1						34
36	130.9	134.8	136.7	136.6	131.1	129	120.6	100.5	81.5	65.8						36
38	122.1	126	128	128.1	125.3	120.1	112.7	99.1	81.1	65.6	54.1					38
40	113.4	117.7	119.7	119.7	118.7	112.1	105.2	96.5	80.6	65.4	53.9					40
45		97.1	99.5	102.8	101.1	95.5	89.7	85.8	78.6	64.6	53.4	43.6				45
50		82.2	85.2	86.5	86.1	82.8	78.3	74.2	70	63.3	52.9	43.3	36.5	30.3		50
55		69.8	72.9	73.9	73.6	72.1	69.7	67.1	63.2	58.9	52.1	42.5	36.1	30.1	29.3	55
60			63.1	64	63.7	62.6	62	60.4	55.9	53.4	49.4	41.5	35.4	29.9	29.2	60
65			55.2	56.1	55.7	55.5	56.7	53.8	50.3	48.2	44.2	40.4	34.6	29.4	28.8	65
70			48.8	49.6	49.2	51.2	50.2	48.1	45.9	42.9	40.7	38.9	33.7	28.8	28.4	70
75				44.2	44.9	45.9	44.8	43.5	42.5	39.7	38.1	35	32.7	28	27.7	75
80				39.6	41.8	41.3	40.1	39.2	39	36.6	34.5	32.7	31.4	27.1	26.8	80
85				35.8	37.8	37.3	36.8	36.9	35.3	34.2	32.3	30.7	29	26.2	26	85
90					34.4	33.9	33.6	33.7	32.4	31.4	30.3	28.4	26.5	25.2	24.7	90
95					31.4	30.9	31.7	30.6	30.8	28.7	28	25.8	24	23.5	23.1	95
100					28.8	28.2	29.1	28	28.1	27.2	25.6	23.6	21.8	21.3	20.9	100
105					25.6	26.9	26.7	26.5	25.8	25.6	23.5	21.5	19.8	19.4	19	105
110						25.2	24.6	24.7	23.6	23.5	21.6	19.7	18	17.6	17.2	110
115						23.3	22.7	22.8	21.9	21.4	19.8	17.9	16.3	16	15.6	115
120						21.6	21	21	20	19.6	18.2	16.4	14.8	14.5	14.2	120
125							19.4	19.3	18.4	17.9	16.6	15	13.3	13.1	12.7	125
130							17.9	17.8	16.8	16.3	15.1	13.6	12	11.8	11.5	130
135							16.6	16.4	15.4	14.9	13.7	12.4	10.8	10.6	10.3	135
140								15.1	14.1	13.7	12.4	11.3	9.7	9.5	9.2	140
145								13.9	12.9	12.5	11.2	10.2	8.6	8.5	8.2	145
150								12.9	11.9	11.3	10.1	9.1	7.6	7.5	7.2	150
155									10.9	10.3	9.1	8.1	6.6	6.6	6.3	155
160									10	9.4	8.1	7.1	5.7	5.8	5.5	160
165									9.1	8.5	7.3	6.2	4.8	5	4.7	165
170										7.7	6.4	5.4	3.9	4.2	3.8	170
175										6.9	5.7	4.6				175
180										6.2	5	3.9				180
185											4.3					185
190											3.7					190

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Lifting capacities

T



	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.1	298.6	248.3	191.2											15
16	289.5	290.8	290.4	247.8	198.4											16
17	278.6	278.9	278.5	246.7	198											17
18	267.3	268.6	269.1	245.5	197.6											18
19	257.1	258.5	258.9	243.4	197.1	159.8										19
20	245.8	247.1	248.3	233.3	196.2	159.3										20
22	220.7	223.7	223.8	207.2	192.4	158.3	130.2									22
24	198.7	201.5	198.6	189.7	176.1	157	129.7									24
26	180.1	184.5	181.5	170.3	158.5	152.9	129.2	102.1								26
28	164.5	168.8	163.9	154	149.1	140.1	126.5	101.9								28
30	150.1	154.5	148.5	140.2	136.8	128.6	119.9	101.6	82.1							30
32	133.2	139.1	135.6	131.4	125.9	118.6	110.6	100.8	82							32
34	119.2	124.7	124.7	122.9	116.5	109.8	103.2	97.6	81.8	66.1						34
36	107.4	112.6	114.7	113.7	108.2	102	96.1	90.7	81.5	65.8						36
38	97.5	104	105.7	106	101	95.1	90.5	84.7	78.7	65.6	54.1					38
40	89	95.3	98.7	98.7	94.3	88.9	85.5	81.3	76.7	65.4	53.9					40
45		78	81.3	82.1	80.5	76.7	74.7	71	65.8	61.7	53.4	43.6				45
50		65.3	68.3	69.3	68.9	68.2	66.3	61.8	59.2	55.8	50.8	43.3	36.5	30.3		50
55		55.5	58.5	59.4	59	61	58.2	54.9	52.1	48.7	46.4	42.5	36.1	30.1	29.3	55
60			50.6	51.5	53.5	53.4	51.5	48.5	47.8	45.1	42.2	38.6	35.4	29.9	29.2	60
65			44.3	45.1	47.3	46.9	46.5	45.2	43.2	41.3	38.7	36.4	34.1	29.4	28.8	65
70			39.1	41.7	42	41.6	41.3	41.3	39.1	37	35.5	33.1	31.1	28.8	28.4	70
75				37.2	37.5	37.1	38.1	37	36.3	34.8	32.2	29.8	27.8	26.9	26.5	75
80				33.4	33.7	34.3	34.3	33.8	32.8	31.5	29.1	26.8	25	24.2	23.8	80
85				30.2	30.4	31.4	30.9	31.1	30.1	28.7	26.4	24.2	22.4	21.8	21.3	85
90					27.5	28.6	28.2	28.1	27.3	26.1	23.9	21.8	20.1	19.6	19.2	90
95					25.3	26	25.7	25.6	24.8	23.7	21.6	19.6	18	17.6	17.2	95
100					23	23.8	23.4	23.3	22.5	21.6	19.6	17.7	16.1	15.7	15.4	100
105					21.1	21.8	21.3	21.2	20.3	19.7	17.8	16	14.4	14.1	13.7	105
110						19.9	19.4	19.3	18.4	18	16.2	14.4	12.8	12.5	12.2	110
115						18.2	17.7	17.6	16.7	16.2	14.6	12.9	11.3	11.1	10.8	115
120						16.7	16.1	16	15.1	14.7	13.3	11.6	10	9.9	9.6	120
125							14.7	14.6	13.7	13.2	12	10.4	8.7	8.7	8.3	125
130							13.5	13.3	12.4	11.9	10.7	9.3	7.5	7.5	7.2	130
135							12.3	12.1	11.2	10.7	9.5	8.2	6.4	6.5	6.1	135
140								11	10.1	9.6	8.4	7.2	5.4	5.4	5.1	140
145								10.1	9.1	8.6	7.4	6.3	4.4	4.5	4	145
150								9.2	8.1	7.6	6.4	5.4		3.3		150
155									7.3	6.8	5.6	4.5				155
160									6.5	6	4.7	3.6				160
165									5.8	5.2	4					165
170										4.5						170
175										3.9						175

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Lifting capacities

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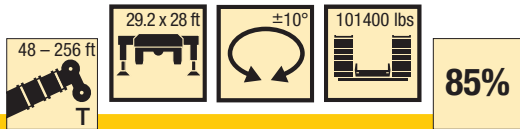


	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
10	231.9															10
11	233.3	210.5														11
12	234.7	212.1														12
13	236	213.7	196.8													13
14	237.2	215.1	198.6													14
15	238.5	216.6	200.3	209.8	188.3											15
16	239.6	217.9	202	208.7	190											16
17	240.8	219.2	203.6	202.1	189											17
18	241.9	220.4	205	191.7	178.4											18
19	229.3	214.2	194.3	183.6	174	157.4										19
20	215.4	202	186.6	176.1	164.2	153.5										20
22	188.5	179.8	169.1	162.2	152	141.5	129									22
24	165.2	159.4	151.1	146.2	137.3	128	119									24
26	143.6	142.6	138.3	132.5	124.7	116.7	109.3	99.7								26
28	125.8	129.3	126.8	120.8	114	107.6	102	95.7								28
30	111.3	117.8	115.7	110.7	104.8	99.3	94	89.4	79.8							30
32	99.4	106	106.2	102.4	96.8	93	89.7	83.7	77							32
34	89.5	95.7	98.2	94.7	89.7	87	83.7	77.9	72.7	65.9						34
36	81	87	90.3	87.7	83.5	82.3	78.2	73.3	68.9	63.6						36
38	73.7	79.7	82.9	81.9	78.3	77.7	73.1	68.7	64.9	61.2	53.5					38
40	67.4	73.2	76.3	76.5	73.5	72.9	68.6	64.4	61.7	57.3	52.4					40
45		60.2	63.2	64	65.5	62.8	60.3	57.3	54.7	51.7	48.3	42.8				45
50		50.4	53.2	55.8	56.5	54.7	52.6	51	48.9	46.1	43.5	40	36.5	30.3		50
55		42.8	45.7	48.3	48.7	48	47.7	45.2	43.8	42.1	39	35.9	33.7	30.1	29.3	55
60			39.5	42	42.3	43.2	42.4	41.4	39.3	37.4	34.5	31.7	29.7	28.6	28.1	60
65			34.4	36.8	37.2	38.3	38	37	35	33.4	30.6	28.1	26.2	25.3	24.8	65
70			30.2	32.6	33.2	34.1	33.7	33.2	31.3	29.8	27.3	24.9	23.1	22.3	21.9	70
75			29	29.5	30.4	30.1	29.9	28.1	26.7	24.3	22.1	20.4	19.7	19.3		75
80				25.9	26.4	27.3	26.9	25.2	24	21.8	19.7	18	17.4	17.1		80
85				23.2	23.7	24.5	24.2	24.1	22.7	21.6	19.5	17.5	15.8	15.4	15	85
90					21.2	22.1	21.7	21.7	20.5	19.4	17.4	15.5	13.8	13.6	13.2	90
95					19	19.9	19.5	19.4	18.5	17.5	15.6	13.7	11.9	11.9	11.5	95
100					17.1	17.9	17.5	17.4	16.5	15.8	13.9	12.2	10.3	10.2	9.9	100
105					15.5	16.2	15.7	15.7	14.7	14.2	12.4	10.7	8.8	8.8	8.5	105
110						14.6	14.1	14.1	13.1	12.7	11	9.4	7.4	7.4	7.1	110
115						13.2	12.7	12.6	11.7	11.3	9.6	8.1	6.1	6.2	5.9	115
120						12	11.4	11.3	10.4	10	8.4	7	4.8	4.8	4.5	120
125							10.2	10.1	9.2	8.8	7.3	5.9	3.4	3.5		125
130							9.2	9	8.1	7.7	6.3	4.8				130
135							8.2	8	7.1	6.7	5.3	3.6				135
140								7.1	6.2	5.7	4.4					140
145								6.3	5.3	4.9	3.3					145
150								5.6	4.6	4						150
155									3.9							155

t_240_001_00344_00_000

Lifting capacities

T

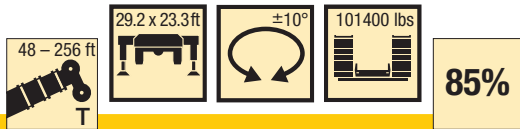


ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	ft
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	298.6	298.6	290.6	247.8	198.4											16
17	296.2	296.2	279.6	246.7	198											17
18	289.5	287.2	272.7	245.5	197.6											18
19	275.5	275.8	264.2	244.2	197.1	159.8										19
20	261.6	263.9	256.3	241.9	196.2	159.3										20
22	237.3	239.7	239.8	230.3	194.3	158.3	130.2									22
24	216.9	219.2	219.6	217.2	192.3	157.4	129.7									24
26	199.4	201.7	202.5	201.6	190.4	156.4	129.2	102.1								26
28	184.4	186.6	187.3	187.9	181.4	155.4	128.6	101.9								28
30	170.8	174.6	175.7	176	166.3	153.3	128	101.6	82.1							30
32	158.5	162.4	163.9	162.6	152.9	144.8	127.4	101.2	82							32
34	147.7	151.5	153.2	150.2	141.3	137.9	126.8	100.9	81.8	66.1						34
36	136.5	141.7	142.9	138.8	131.2	129.1	121	100.5	81.5	65.8						36
38	124	129.2	131.8	129.4	125.6	120.6	113.5	99.1	81.1	65.6	54.1					38
40	113.4	118.5	120.9	120.3	119.3	113	106.4	97.3	80.6	65.4	53.9					40
45		97.2	99.5	102.8	102	97	91.4	87.1	78.6	64.6	53.4	43.6				45
50		82.9	85.2	87	86.7	84.6	80	76.3	71.7	63.3	52.9	43.3	36.5	30.3		50
55		71	74	74.9	74.6	73.6	70.5	68.4	65.4	60.2	52.1	42.5	36.1	30.1	29.3	55
60			64.4	65.3	64.9	63.9	63.8	62.5	58	53.7	50.5	41.5	35.4	29.9	29.2	60
65			56.7	57.5	57.2	56.7	58.1	56	51.6	49.8	46.3	40.4	34.6	29.4	28.8	65
70			50.4	51.1	50.8	52	51.7	49.9	47.4	44.9	41.5	39.1	33.7	28.8	28.4	70
75				45.8	45.4	47.5	46.3	44.7	43.1	40.3	39.1	36.9	32.7	28	27.7	75
80				41.2	42.6	42.9	41.7	40.4	40.8	37.7	36.2	33.4	31.6	27.1	26.8	80
85				37.4	39.3	38.9	37.6	37.5	37	35.1	33.1	31.5	30.4	26.3	26	85
90					35.9	35.4	34.8	35.1	33.6	33	30.8	29.8	28.3	25.4	25.2	90
95					32.9	32.4	32.1	32.1	30.9	30.4	29.4	27.5	25.8	24.2	24.1	95
100					30.2	29.7	30.6	29.4	29.6	27.9	27.2	25.3	23.5	23	22.5	100
105					25.6	27.3	28.2	27	27.2	26.2	25.1	23.2	21.5	21	20.6	105
110						25.9	26	25.4	25.1	24.9	23.2	21.3	19.6	19.2	18.8	110
115						24.7	24	24.1	23.1	22.9	21.3	19.5	17.9	17.5	17.2	115
120						23	22.3	22.3	21.3	21	19.6	17.9	16.3	16	15.6	120
125							20.6	20.6	19.7	19.3	18.1	16.5	14.8	14.6	14.2	125
130							19.1	19.1	18.2	17.7	16.5	15.1	13.5	13.2	12.9	130
135							17.9	17.7	16.7	16.3	15	13.8	12.2	12	11.7	135
140								16.4	15.4	14.9	13.7	12.6	11.1	10.9	10.6	140
145								15.2	14.2	13.7	12.5	11.5	10	9.8	9.5	145
150								14.1	13.1	12.6	11.4	10.3	8.9	8.8	8.6	150
155									12	11.5	10.3	9.3	7.8	7.9	7.6	155
160									11.1	10.5	9.3	8.3	6.9	7	6.8	160
165									10.2	9.6	8.4	7.4	6	6.2	5.9	165
170										8.8	7.6	6.5	5.1	5.3	5.1	170
175										8	6.8	5.7	4.3	4.5	4.3	175
180										7.3	6	5	3.5	3.7	3.5	180
185											5.3	4.3				185
190											4.7	3.6				190
195											4.1					195
200											3.6					200

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Lifting capacities

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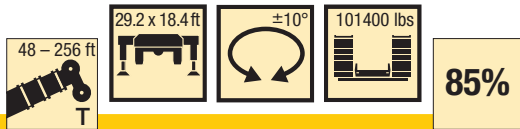


	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	298.6	298.6	290.6	247.8	198.4											16
17	296.2	296.2	279.6	246.7	198											17
18	289.5	287.2	272.7	245.5	197.6											18
19	275.5	275.8	264.2	244.2	197.1	159.8										19
20	261.6	263.9	256.3	241.9	196.2	159.3										20
22	237.3	239.7	239.8	230.3	194.3	158.3	130.2									22
24	216.9	219.2	219.6	217.2	192.3	157.4	129.7									24
26	199.4	201.7	202.5	201.6	190.4	156.4	129.2	102.1								26
28	184.4	186.6	187.3	187.9	181.3	155.4	128.6	101.9								28
30	170.8	174.6	175.7	176	166.1	153.2	128	101.6	82.1							30
32	158.5	162.4	163.9	162.6	152.8	144.8	127.4	101.2	82							32
34	147.7	151.5	153.2	150.1	141.2	137.8	126.8	100.9	81.8	66.1						34
36	136.3	141.6	142.8	138.7	131.1	129.1	121	100.5	81.5	65.8						36
38	124	129.2	131.8	129.3	125.5	120.5	113.4	99.1	81.1	65.6	54.1					38
40	113.4	118.4	120.8	120.2	119.2	112.9	106.3	97.3	80.6	65.4	53.9					40
45		97.1	99.4	102.7	102	97	91.3	87.1	78.6	64.6	53.4	43.6				45
50		82.9	85.2	87	86.6	84.5	80	76.2	71.7	63.3	52.9	43.3	36.5	30.3		50
55		71	73.9	74.8	74.6	73.5	70.4	68.4	65.4	60.2	52.1	42.5	36.1	30.1	29.3	55
60			64.4	65.3	64.9	63.9	63.8	62.5	58	53.6	50.5	41.5	35.4	29.9	29.2	60
65			56.7	57.5	57.1	56.6	58.1	55.9	51.5	49.8	46.2	40.4	34.6	29.4	28.8	65
70			50.4	51.1	50.7	52	51.7	49.9	47.4	44.9	41.4	39.1	33.7	28.8	28.4	70
75				45.8	45.4	47.4	46.3	44.6	43.1	40.3	39.1	36.9	32.7	28	27.7	75
80				41.2	42.6	42.8	41.7	40.4	40.8	37.7	36.1	33.3	31.6	27.1	26.8	80
85				37.4	39.3	38.8	37.6	37.5	37	35.1	33	31.5	30.4	26.3	26	85
90					35.8	35.4	34.8	35.1	33.6	33	30.8	29.8	28.3	25.4	25.2	90
95					32.8	32.4	32.1	32.1	30.9	30.4	29.4	27.5	25.7	24.2	24.1	95
100					30.2	29.7	30.5	29.4	29.6	27.9	27.2	25.3	23.5	22.9	22.4	100
105					25.6	27.3	28.2	27	27.2	26.2	25.1	23.2	21.5	21	20.6	105
110						25.9	26	25.4	25	24.9	23.1	21.3	19.5	19.2	18.8	110
115						24.7	24	24.1	23	22.9	21.3	19.5	17.8	17.5	17.2	115
120						23	22.2	22.3	21.3	21	19.6	17.9	16.3	16	15.6	120
125							20.6	20.6	19.7	19.3	18.1	16.4	14.8	14.6	14.2	125
130							19.1	19.1	18.1	17.7	16.5	15.1	13.4	13.2	12.9	130
135							17.8	17.7	16.7	16.3	15	13.8	12.2	12	11.7	135
140								16.4	15.4	14.9	13.7	12.6	11	10.9	10.5	140
145								15.2	14.2	13.7	12.5	11.5	9.9	9.8	9.5	145
150								14.1	13.1	12.6	11.4	10.3	8.8	8.8	8.5	150
155								12	11.5	10.3	9.3	8.3	7.8	7.9	7.6	155
160									11.1	10.5	9.3	8.3	6.8	7	6.7	160
165									10.2	9.6	8.4	7.4	5.9	6.2	5.9	165
170										8.8	7.6	6.5	5.1	5.3	5.1	170
175										8	6.7	5.7	4.3	4.5	4.3	175
180										7.3	6	5	3.5	3.7	3.5	180
185											5.3	4.3				185
190											4.7	3.6				190
195											4.1					195
200											3.6					200

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Lifting capacities

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	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	298.6	298.6	290.6	247.8	198.4											16
17	296.2	296.2	279.6	246.7	198											17
18	289.5	287.2	272.7	245.5	197.6											18
19	275.5	275.8	264.2	244.2	197.1	159.8										19
20	261.6	263.9	256.3	241.9	196.2	159.3										20
22	237.3	239.7	239.8	230.3	194.3	158.3	130.2									22
24	216.9	219.2	219.6	217.2	192.3	157.4	129.7									24
26	199.4	201.7	202.5	201.6	190.4	156.4	129.2	102.1								26
28	184.4	186.6	187.3	187.9	181.1	155.4	128.6	101.9								28
30	170.8	174.6	175.7	176	165.9	153	128	101.6	82.1							30
32	158.5	162.4	163.9	162.4	152.6	144.8	127.4	101.2	82							32
34	147.7	151.5	153.2	149.9	141	137.7	126.8	100.9	81.8	66.1						34
36	136.2	141.4	142.7	138.5	131	128.9	120.9	100.5	81.5	65.8						36
38	123.8	129	131.6	129.1	125.4	120.4	113.3	99.1	81.1	65.6	54.1					38
40	113.2	118.3	120.7	120.1	119.1	112.8	106.1	97.2	80.6	65.4	53.9					40
45		97	99.3	102.6	101.9	96.9	91.2	87.1	78.6	64.6	53.4	43.6				45
50		82.8	85.2	86.8	86.5	84.4	79.9	76.2	71.6	63.3	52.9	43.3	36.5	30.3		50
55		70.9	73.8	74.8	74.5	73.4	70.4	68.3	65.3	60.1	52.1	42.5	36.1	30.1	29.3	55
60			64.3	65.2	64.8	63.8	63.7	62.4	57.9	53.6	50.5	41.5	35.4	29.9	29.2	60
65			56.6	57.4	57.1	56.5	58	55.9	51.5	49.8	46.2	40.4	34.6	29.4	28.8	65
70			50.3	51.1	50.7	51.9	51.6	49.9	47.3	44.8	41.4	39.1	33.7	28.8	28.4	70
75				45.7	45.3	47.4	46.2	44.6	43	40.2	39.1	36.9	32.7	28	27.7	75
80				41.2	42.6	42.8	41.6	40.4	40.7	37.7	36.1	33.3	31.6	27.1	26.8	80
85				37.3	39.2	38.8	37.6	37.5	37	35.1	33	31.5	30.3	26.3	26	85
90					35.8	35.4	34.8	35.1	33.6	32.9	30.8	29.8	28.2	25.4	25.2	90
95					32.8	32.3	32	32.1	30.9	30.3	29.3	27.5	25.7	24.2	24	95
100					30.2	29.6	30.5	29.4	29.6	27.8	27.1	25.2	23.5	22.9	22.4	100
105					25.6	27.3	28.1	27	27.2	26.2	25.1	23.1	21.4	21	20.6	105
110						25.9	26	25.4	25	24.9	23.1	21.2	19.5	19.1	18.8	110
115						24.6	24	24.1	23	22.9	21.3	19.5	17.8	17.5	17.1	115
120						22.9	22.2	22.3	21.3	20.9	19.6	17.9	16.2	15.9	15.6	120
125							20.5	20.6	19.7	19.2	18	16.4	14.8	14.5	14.2	125
130							19.1	19	18.1	17.7	16.5	15	13.4	13.2	12.9	130
135							17.8	17.6	16.7	16.2	15	13.8	12.2	12	11.7	135
140								16.3	15.4	14.9	13.7	12.6	11	10.8	10.5	140
145								15.1	14.1	13.7	12.5	11.4	9.9	9.8	9.5	145
150								14.1	13	12.5	11.3	10.3	8.8	8.8	8.5	150
155									12	11.5	10.3	9.3	7.8	7.9	7.6	155
160									11.1	10.5	9.3	8.3	6.8	7	6.7	160
165									10.2	9.6	8.4	7.4	5.9	6.2	5.9	165
170										8.8	7.5	6.5	5	5.3	5.1	170
175										8	6.7	5.7	4.3	4.5	4.3	175
180										7.3	6	5	3.5	3.7	3.5	180
185											5.3	4.3				185
190											4.6	3.6				190
195											4					195
200											3.5					200

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Lifting capacities

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	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	295.3	297.5	297.6													14
15	286.2	288.4	267.6	233.8	191											15
16	270.2	271.7	246.9	216.2	195.4											16
17	253.2	248.9	221.5	197.5	177.9											17
18	236.5	224.3	204.9	183.2	166.9											18
19	220.5	203.2	185.6	172.5	155.6	139.4										19
20	201.6	186.2	168.8	158.6	143.8	129.3										20
22	163	153.7	146.1	135.1	123.7	113.4	100.4									22
24	135.6	132.5	125.8	117.3	108	102.8	95.4									24
26	115	114.1	110.2	103.1	96.2	92.8	85.2	76.9								26
28	99.1	99.6	97	91.5	89.2	83.4	78.2	72.4								28
30	85.6	87.9	86.2	83.1	80.6	75.4	70.8	66.9	60.6							30
32	73.3	78.2	77.2	76.5	73.1	68.5	66.4	61.4	58.3							32
34	63.6	70	70	70.1	66.6	64	60.7	57.9	53.6	47.5						34
36	55.6	62.9	63.5	63.8	60.9	59.5	56	52.8	49.1	45.9						36
38	49	56.1	57.4	58.2	55.5	54.4	51.3	48.5	45	42.1	37.8					38
40	42.7	50.3	52	53	51.3	50	47.1	44.7	41.3	38.7	35.3					40
45		37.9	41.2	42.6	41.6	40.9	38.6	36.7	33.9	31.7	28.7	25.2				45
50		29.1	33	35	34.3	34	32.1	30.5	28	26.1	23.5	20.5	17.9	17.4		50
55		22.2	26.3	29	28.6	28.5	26.8	25.6	23.3	21.7	19.2	16.6	14.1	13.8	13.4	55
60			20.8	24.1	23.9	24.1	22.6	21.5	19.5	18	15.7	13.5	10.9	10.7	10.3	60
65			16.6	19.8	20.1	20.4	19.1	18.2	16.3	15	12.7	10.7	8	7.8	7.3	65
70			13.1	16.2	17	17.4	16.1	15.3	13.5	12.3	10.3	8.3	4.9	4.8	4.4	70
75				13.3	14.1	14.8	13.6	12.9	11.2	10.1	8.1	5.6				75
80				10.9	11.6	12.5	11.5	10.8	9.1	8.1	5.6	3.4				80
85				8.9	9.5	10.5	9.5	8.9	7.3	6	3.6					85
90					7.7	8.7	7.9	7.3	5.3	4.1						90
95					6.1	7.1	6.4	5.6	3.4							95
100					4.7	5.6	4.7	3.8								100
105					3.7	3.9										105

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Lifting capacities

T

48 – 256 ft 29.2 x 23.3 ft 360° 13200 lbs 85%																
 ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	 ft
10	298.6															10
11	298.6	298.6														11
12	298.6	293	261.9													12
13	297.5	268.6	231.5													13
14	276.9	234	204.3													14
15	234.9	203.7	184	167.1	134											15
16	204.8	183.4	169.5	153.4	129.7											16
17	179.4	166.5	153.8	139.8	126.9											17
18	159	150.3	139.7	128.4	117.3											18
19	143.1	136.5	128.3	118	112.2	102.3										19
20	129.1	125.5	118.2	109.4	104.7	96.1										20
22	107.1	106.1	101.2	97.8	91.6	84.5	70.5									22
24	90.5	91.2	88.7	86.3	81	77.2	72.2									24
26	77.4	79.3	78.3	76.7	72.4	69.7	65.5	59.5								26
28	67.1	69.7	69.4	68.6	65.5	63.1	59.3	55.8								28
30	58.4	61.6	61.9	61.7	59.2	57.3	53.9	50.9	43.8							30
32	50.3	54.9	55.5	56.1	53.8	52.3	49.2	46.6	43.3							32
34	43.7	49.1	50.2	51	49.1	47.9	45.1	42.8	39.6	34.9						34
36	38.1	44.1	45.5	46.4	45.1	44	41.5	39.3	36.5	34.2						36
38	33.2	39.8	41.4	42.6	41.4	40.6	38.3	36.3	33.6	31.5	28.1					38
40	28.9	35.7	37.7	39.2	38.1	37.5	35.4	33.6	31	29.1	26.3					40
45		27.1	30.2	31.9	31.3	31	29.2	27.8	25.5	23.9	21.4	18.7				45
50		20.6	24.3	26.3	25.9	25.9	24.4	23.2	21.1	19.7	17.4	15.1	12.6	12.3		50
55		15.6	19.1	21.9	21.6	21.8	20.4	19.4	17.5	16.2	14	12	9.3	9	8.4	55
60			15.1	18	18	18.4	17.1	16.3	14.5	13.3	11.2	9.2	5.9	5.8	5.2	60
65			11.8	14.7	15.1	15.5	14.3	13.6	11.9	10.9	8.8	6.2				65
70			9.1	11.9	12.6	13	11.9	11.3	9.7	8.6	6.1	3.8				70
75			9.6	10.2	10.9	9.9	9.3	7.6	6.3	3.8						75
80			7.6	8.2	9.1	8.1	7.4	5.3	4.2							80
85			6	6.3	7.5	6.2	5.4	3.5								85
90				4.4	5.6	4.3	3.7									90
95					3.8											95

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48 – 224 ft 29.2 x 18.4 ft 360° 13200 lbs 85%													
ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	ft
10	289.3												10
11	248.4	209.1											11
12	207.9	183.3	165.9										12
13	178.1	162.8	147.6										13
14	155.6	144.1	132										14
15	136.5	128.8	119.7	112.8	84.4								15
16	121.7	116.1	109.6	103.4	83.9								16
17	108.7	105.3	100.2	95.3	88.5								17
18	97.7	96.1	92	88.4	82.5								18
19	88.8	88.1	85.1	81.9	76.9	70							19
20	80.7	81.4	78.9	76.5	72	68.2							20
22	67.6	69.6	68.2	66.9	63.5	60.5	46.6						22
24	57.2	60.1	59.7	59.2	56.4	54.1	50.5						24
26	48.9	52.3	52.8	52.7	50.4	48.6	45.5	40.8					26
28	42	45.9	46.8	47.2	45.3	43.9	41.1	38.6					28
30	36.3	40.4	41.6	42.4	40.9	39.9	37.3	35.2	29.1				30
32	31.4	35.7	37.2	38.4	37	36.3	33.9	32.1	29.4				32
34	27	31.7	33.4	34.8	33.7	33.1	31	29.3	26.7	22.7			34
36	22.9	28.1	30.1	31.5	30.7	30.3	28.3	26.7	24.4	22.6			36
38	19.4	25	27.1	28.8	28.1	27.8	26	24.5	22.3	20.6	17.6		38
40	16.4	22.3	24.4	26.2	25.7	25.5	23.8	22.5	20.3	18.8	16.3		40
45		16.4	18.9	20.9	20.6	20.7	19.2	18.1	16.2	14.9	12.5	9.9	45
50		11.6	14.6	16.7	16.5	16.8	15.6	14.6	12.8	11.6	8.8	6.2	50
55		7.6	11.1	13.3	13.3	13.7	12.5	11.8	9.9	8.3	5.5	3.6	55
60			7.4	10.5	10.5	11	9.9	9	6.8	5.3	3.4		60
65			4.3	7.8	7.8	8.6	7.1	6.3	4.4	3.5			65
70				5.2	5.2	6	4.8	4.2					70
75				3.3	3.4	4							75

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Lifting capacities

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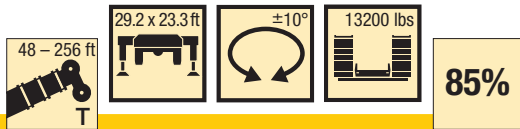


ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	ft
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	297.7	298.6	297.6													14
15	295.2	296.9	267.6	233.8	191.2											15
16	279.9	275	246.9	217.1	196.3											16
17	263	248.9	222.2	200.1	182.9											17
18	247.1	224.3	204.9	187.8	171.4											18
19	225	205	189.5	178.3	163	148										19
20	204.1	190.4	175.1	165.7	152	138.5										20
22	170.4	161.7	154.3	143.9	133.1	123	110.8									22
24	145.5	141.5	135.2	126.9	117.9	109.6	102.3									24
26	126	124.4	120.1	113.1	105.4	100.2	95.1	87								26
28	108.6	110.3	107.2	101.6	95.7	92.8	86.4	79.8								28
30	93.6	98.6	96.4	91.8	88.4	85	78.8	73	68.4							30
32	81.7	88.7	87.3	83.8	82.6	77.9	73.6	68.3	64.8							32
34	72	79.2	79.6	76.6	75.9	71.8	68.1	65.2	60.4	57.6						34
36	64	70.8	73	72.4	70.2	66.3	63.6	60.3	57.3	53.6						36
38	57.2	63.8	66.9	67.5	65.1	61.5	60.4	57	54.2	50.5	46.9					38
40	51.4	57.8	61.6	62.7	60.4	58	56.3	54.1	51	48.2	43.9					40
45		45.9	49.5	52.3	50.8	50.3	48	46.1	43.3	41.2	37.4	33.7				45
50		37.3	40.6	43.4	43.7	43.3	41.3	39.6	37.1	35.2	31.9	28.7	26.6	25.3		50
55		30.7	33.8	36.5	37.3	37.5	35.7	34.4	32	30.3	27.3	24.5	22.6	21.5	21	55
60			28.5	31.1	31.8	32.6	31	29.9	27.9	26.2	23.6	21	19.2	18.3	17.9	60
65			23.9	26.7	27.4	28.3	27.2	26.2	24.3	22.9	20.3	18	16.2	15.6	15.1	65
70			20.2	23	23.7	24.6	23.9	22.9	21.1	19.9	17.6	15.3	13.6	13.1	12.7	70
75				19.8	20.5	21.5	21	20.2	18.4	17.3	15.1	13.1	11.2	11	10.6	75
80				17.1	17.7	18.7	18.3	17.8	16.1	15.1	13	11.1	9.2	9.1	8.7	80
85				14.8	15.3	16.3	15.9	15.6	14	13.1	11.2	9.3	7.3	7.2	6.9	85
90					13.3	14.2	13.8	13.7	12.2	11.3	9.4	7.7	5.3	5.2	4.7	90
95					11.5	12.4	11.9	11.9	10.5	9.7	7.8	6.2		3.5		95
100					9.9	10.7	10.3	10.2	9.1	8.2	6.4	4.3				100
105					8.6	9.3	8.9	8.8	7.7	6.9	4.8					105
110						8	7.6	7.5	6.5	5.7	3.3					110
115						6.9	6.4	6.3	5.3	4.3						115
120						5.9	5.4	5.3	4							120
125							4.4	4.1								125
130							3.5									130

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Lifting capacities

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ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	ft
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	297.7	298.6	297.6													14
15	295.2	296.9	267.4	233.6	191.2											15
16	279.9	275	246.6	216.9	196.2											16
17	263	248.6	221.9	199.9	182.7											17
18	247.1	224	204.9	187.6	171.3											18
19	224.8	205	189.4	178.1	162.8	147.9										19
20	203.8	190.3	174.9	165.5	151.8	138.4										20
22	170.3	161.5	154.2	143.8	133	122.9	110.7									22
24	145.3	141.4	135.1	126.8	117.8	109.6	102.3									24
26	125.8	124.3	120	113	105.3	100.1	95.1	86.9								26
28	108.5	110.2	107.1	101.5	95.6	92.7	86.3	79.7								28
30	93.6	98.5	96.3	91.7	88.4	84.9	78.7	72.9	68.4							30
32	81.7	88.6	87.2	83.8	82.5	77.9	73.6	68.3	64.8							32
34	72	79.1	79.6	76.5	75.9	71.7	68	65.1	60.4	57.5						34
36	63.9	70.7	72.9	72.4	70.1	66.3	63.6	60.3	57.2	53.5						36
38	57.1	63.8	66.9	67.5	65	61.4	60.3	57	54.2	50.5	46.9					38
40	51.3	57.8	61.5	62.7	60.3	58	56.2	54.1	50.9	48.2	43.9					40
45		45.9	49.4	52.3	50.8	50.3	48	46.1	43.3	41.2	37.4	33.7				45
50		37.3	40.5	43.4	43.6	43.2	41.2	39.6	37.1	35.2	31.9	28.7	26.6	25.3		50
55		30.6	33.8	36.5	37.3	37.4	35.6	34.3	32	30.3	27.3	24.4	22.5	21.5	21	55
60			28.4	31.1	31.8	32.6	31	29.9	27.9	26.2	23.5	20.9	19.1	18.3	17.9	60
65			23.9	26.7	27.3	28.3	27.1	26.1	24.2	22.9	20.3	17.9	16.2	15.5	15.1	65
70			20.1	23	23.7	24.6	23.8	22.9	21.1	19.9	17.6	15.3	13.5	13.1	12.7	70
75				19.8	20.4	21.4	21	20.2	18.4	17.3	15.1	13.1	11.2	11	10.6	75
80				17.1	17.7	18.7	18.3	17.7	16.1	15	13	11.1	9.1	9	8.7	80
85				14.8	15.3	16.3	15.9	15.6	14	13.1	11.1	9.3	7.3	7.2	6.9	85
90					13.2	14.2	13.8	13.7	12.1	11.3	9.4	7.7	5.2	5.1	4.7	90
95					11.4	12.3	11.9	11.8	10.5	9.7	7.8	6.1		3.4		95
100					9.9	10.7	10.3	10.2	9	8.2	6.4	4.3				100
105					8.6	9.3	8.9	8.8	7.7	6.9	4.8					105
110						8	7.6	7.5	6.5	5.6	3.3					110
115						6.9	6.4	6.3	5.3	4.2						115
120						5.9	5.4	5.3	3.9							120
125							4.4	4								125
130							3.5									130

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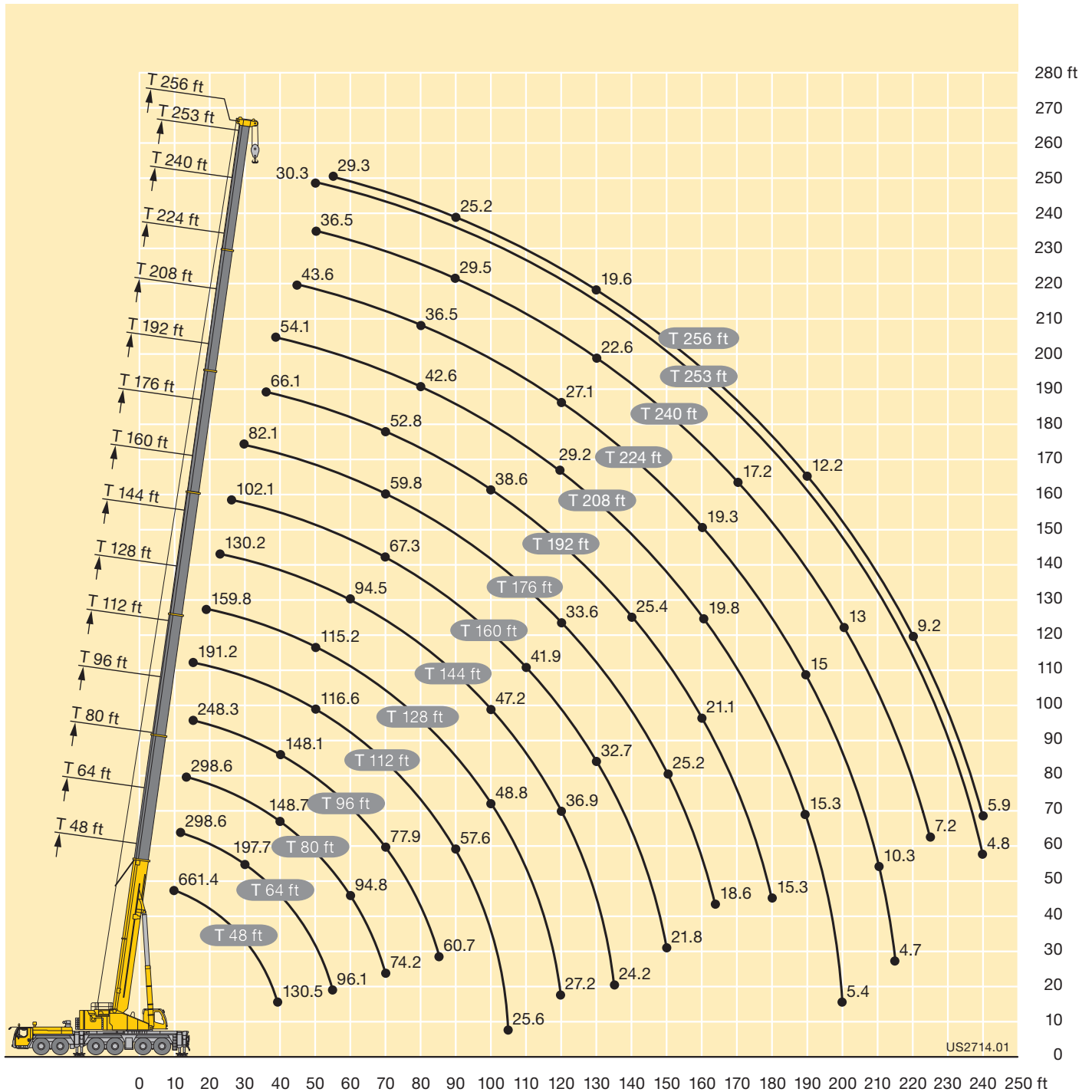
Lifting capacities

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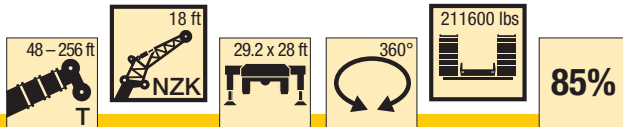
ft	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	ft
10	298.6												10
11	298.6	298.6											11
12	298.6	298.6	298.6										12
13	298.6	298.6	298.6										13
14	297.7	298.6	297.6										14
15	295.2	296.8	266.9	201.6	133.8								15
16	279.9	275	246	197.2	139.1								16
17	263	248.1	221.5	191.3	143.4								17
18	247.1	223.5	204.9	182.4	140.1								18
19	224.5	204.6	189.1	177.8	136.9	105.5							19
20	203.4	189.9	174.6	165.2	133.9	105.8							20
22	169.9	161.2	153.9	143.5	128.2	104.5	76.5						22
24	145	141.3	134.8	126.6	117.3	101	82.2						24
26	125.6	124.1	119.8	112.8	105.2	97.6	79.7	67					26
28	108.3	110	106.9	101.3	95.5	92.4	77.4	65.6					28
30	93.4	98.3	96.1	91.5	88.4	84.8	75.1	63.8	51.5				30
32	81.5	88.5	87	83.6	82.4	77.7	73	62	53.8				32
34	71.8	79	79.5	76.4	75.7	71.6	67.8	60.3	52.5	42.5			34
36	63.8	70.6	72.8	72.4	70	66.2	63.5	58.6	51.2	43.8			36
38	57	63.6	66.8	67.4	64.9	61.3	60.2	57	50.1	42.8	35.3		38
40	51.2	57.7	61.4	62.6	60.3	58	56.1	54	48.8	41.9	35.1		40
45		45.8	49.4	52.2	50.7	50.2	47.9	46	43.2	39.6	33.2	27.6	45
50		37.2	40.5	43.3	43.6	43.2	41.2	39.5	37	35.1	31.2	26.1	50
55		30.6	33.7	36.4	37.2	37.4	35.6	34.3	32	30.3	27.3	24.3	55
60			28.4	31	31.7	32.6	30.9	29.8	27.8	26.2	23.5	20.9	60
65			23.9	26.6	27.3	28.2	27.1	26.1	24.2	22.8	20.3	17.9	65
70			20.1	23	23.6	24.6	23.8	22.9	21.1	19.8	17.5	15.3	70
75				19.7	20.4	21.4	20.9	20.1	18.4	17.2	15.1	13	75
80				17	17.6	18.6	18.3	17.7	16	15	13	11	80
85				14.7	15.3	16.2	15.8	15.6	13.9	13	11.1	9.3	85
90					13.2	14.2	13.7	13.6	12.1	11.2	9.4	7.7	90
95					11.4	12.3	11.9	11.8	10.5	9.6	7.8	6.1	95
100					9.9	10.7	10.3	10.2	9	8.2	6.4	4.2	100
105					8.6	9.3	8.8	8.8	7.7	6.9	4.7		105
110						8	7.6	7.5	6.5	5.6			110
115						6.9	6.4	6.3	5.3	4.2			115
120						5.9	5.4	5.2	3.9				120
125							4.4	4					125
130							3.5						130

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Lifting capacities

TNZK

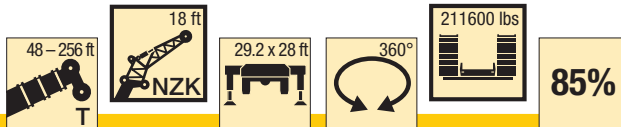


	48 ft			64 ft			80 ft			96 ft			112 ft			128 ft			144 ft			160 ft			
	18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	128.3	101.2																						12	
13	125.9	99.2	84.3	130.9	103																			13	
14	122.7	97.2	82.9	130.3	101.1		130.4																	14	
15	119.5	95.3	81.7	127.6	99.4	83.9	129.2	100.7																15	
16	116.3	93.5	80.5	124.9	97.8	82.8	127.4	99.6		126.8														16	
17	113.7	91.8	79.3	122.4	96.2	81.8	125.2	98.2		125.1														17	
18	111.2	90.1	78.2	120	94.7	80.8	123.1	96.8	81.8	123.4	97.5		121.2											18	
19	108.6	88.4	77.1	117.6	93.3	79.9	121	95.5	81	121.7	96.4		119.9											19	
20	106	86.9	76.1	115.2	91.9	78.9	119	94.2	80.2	120	95.3		118.6											20	
22	101.2	84	74	110.7	89.2	77.1	115.1	91.7	78.5	116.6	93	79.4	115.9	93.5		105.6								22	
24	96.9	81.1	72.2	106.7	86.4	75.3	111.2	89.2	77	113.1	90.8	77.9	113.1	91.5	78.3	105.6	91.1							24	
26	92.9	78.6	70.4	102.6	84.1	73.6	107.5	87	75.4	109.9	88.7	76.5	110.2	89.5	77	105.3	89.6		95.2					26	
28	89.1	76.1	68.8	98.8	81.8	72.2	104.2	84.8	74.1	106.9	86.7	75.2	107.5	87.6	75.8	104.7	88.2	76.8	94.7	83.6				28	
30	86	73.8	67.3	95.4	79.5	70.8	101.1	82.8	72.7	103.9	84.8	73.9	104.8	85.8	74.6	103.9	86.9	75.8	94.2	82.7		79.4		30	
32	82.8	71.9	65.9	92.3	77.5	69.4	98	81	71.4	100.9	83	72.8	102.4	84.2	73.5	102.4	85.6	74.8	93.4	81.7	73	79.4		32	
34	79.9	70.1	64.7	89.2	75.6	68.2	95.1	79.2	70.2	98.5	81.2	71.6	100.1	82.6	72.4	100.8	84.3	73.9	92.4	80.7	72.2	79.3	73.9	34	
36	77.4	68.3	63.6	86.5	73.8	67	92.4	77.5	69.1	96.1	79.6	70.5	97.8	81.1	71.4	99.1	83.1	73	91.5	79.8	71.4	79	73.3	67.7	36
38	74.9	66.7	62.6	84.1	72.1	65.9	89.9	75.9	68	93.7	78.2	69.5	95.6	79.7	70.5	97.4	81.8	72.2	90.4	78.8	70.7	78.6	72.7	67.2	38
40	72.6	65.2	61.7	81.7	70.7	64.9	87.6	74.3	67	91.4	76.8	68.5	93.6	78.2	69.5	95.7	80.6	71.3	89.3	77.9	69.9	78.2	72	66.6	40
45	67.9	62.2	60.1	76.3	67.2	62.7	82.3	70.8	64.8	86.3	73.3	66.3	88.9	75.2	67.4	91.6	77.6	69.4	86.3	75.4	68.2	76.5	70.2	65.2	45
50	64.1	59.9	59.4	71.7	64.3	60.9	77.7	67.9	62.9	81.8	70.4	64.3	84.4	72.3	65.5	88	75	67.5	83.1	73.2	66.6	73.6	67.9	63.7	50
55	60.5	58.2	9.1	68	61.9	59.7	73.7	65.2	61.2	78	67.8	62.6	80.7	69.7	63.7	84.3	72.5	66	78.7	71	65.1	69.8	65.1	61.7	55
60				64.7	59.9	32.6	70.2	63	59.9	74.4	65.6	61.2	77.2	67.3	62.2	81.2	70.2	64.4	73.8	69	63.8	66.1	62.3	59.3	60
65				62.2	58.8	16	67.2	61.1	58.9	71.2	63.4	59.9	74.2	65.3	60.9	78.2	68.3	63.1	69.1	66.9	62.6	62.5	59.9	57.1	65
70				59.3	57.5	9.5	64.5	59.6	47.6	68.4	61.7	59	71.4	63.5	59.8	74.8	66.5	61.9	64.9	64.3	61	59	57.5	55.1	70
75				41.9			62.3	58.4	22.2	65.9	60.1	58.1	68.9	61.7	58.8	68.5	64.9	60.9	60.9	60.6	58.8	55.6	55.1	53.1	75
80							60.5	57.8	13.8	63.9	58.9	57.8	64.2	60.4	58	62.6	63	60.1	57.1	56.9	56.4	52.7	52.5	51.1	80
85							58.2	55.9	9.2	60.2	57.8	29	59	59	57.4	57.3	57.9	58	53.7	53.6	53.6	49.8	49.8	49	85
90							40.8	13.5		55.6	55.9	18.1	54.4	54.8	55	52.7	53.3	53.5	51.4	50.4	50.5	47.2	47.2	46.9	90
95										51.5	51.8	12.5	50.2	50.6	37.1	48.6	49.1	49.3	49.3	47.1	47.4	44.9	44.8	44.8	95
100										47.9	44.9	9	46.6	46.9	22.6	44.9	45.3	45.5	46.2	45.1	44.3	42.6	42.6	42.6	100
105										35.8	15.6	5.7	43.3	43.5	15.8	43.1	41.9	40.7	42.9	43.1	42.9	40.3	40.4	40.5	105
110													40.3	40.5	11.7	41.4	40.2	27.7	39.9	40.2	40.4	38.2	38.2	38.3	110
115													37.6	37.7	8.9	38.9	39	19.2	37.1	37.4	37.6	35.5	35.9	36.1	115
120													31	17	6.3	36.4	36.6	14.4	34.6	34.9	32.4	33	33.3	33.5	120
125																34.1	34.3	11.2	32.3	32.5	22.8	31.3	31.4	31.5	125
130																32	32.1	8.8	30.2	30.4	17.2	29.5	29.8	29.9	130
135																25	18.2	6.6	28.2	28.3	13.5	27.5	27.7	26.7	135
140																			26.3	26.4	10.8	25.6	25.8	20.1	140
145																			24.6	24.7	8.7	23.8	24	15.8	145
150																			20.7	19	6.9	22.2	22.4	12.7	150
155																						20.7	20.9	10.5	155
160																						19.4	19.4	8.6	160
165																						16.4	16.4	7	165
170																						10.5	9.4		170

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Lifting capacities

TNZK

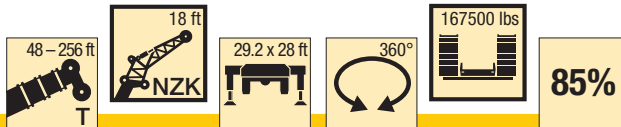


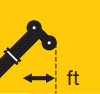
																									
	176 ft			192 ft			208 ft			224 ft			240 ft			253 ft			256 ft						
	18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			18 ft						
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
34	64.7																					34			
36	64.5																					36			
38	64.2	64.7		51.5																		38			
40	64	64.5		51.3																		40			
45	63.2	63.7	61	50.8	51.2	51.4	41.6															45			
50	62.2	62.8	60	50.3	50.7	51.2	41.2	41.5	42.2	34			25.4									50			
55	60.7	60.6	58.7	49.7	50	50.5	40.9	41.2	41.3	33.8	33.8	34.1	25.3	25.4		21			20.4			55			
60	57.9	57.8	56.7	48.7	48.8	49	40.3	40.1	40.2	33.2	33.2	33.5	25.1	25.2	25.1	21	21		20.4	20.4		60			
65	55	54.9	54.4	46.9	47	47.2	39.1	38.9	39	32.5	32.4	32.6	24.9	24.9	25	20.9	20.9	20.9	20.3	20.4	20.3	65			
70	52.2	52.2	52.1	44.9	45	45.3	37.9	37.7	37.7	31.6	31.4	31.5	24.6	24.5	24.6	20.7	20.7	20.8	20.2	20.3	20.3	70			
75	49.6	49.5	49.7	43	43.1	43.3	36.6	36.4	36.3	30.6	30.3	30.4	24.1	24	24.1	20.4	20.3	20.4	20	20	20.1	75			
80	46.9	4	47.1	41.1	41.1	41.4	35.3	35	34.9	29.5	29.3	29.3	23.5	23.4	23.5	19.9	19.9	19.9	19.6	19.6	19.6	80			
85	44.4	44.4	44.6	39.2	39.2	39.5	34	33.7	33.6	28.5	28.3	28.3	22.8	22.8	22.8	19.4	19.3	19.4	19.1	19.1	19.1	85			
90	42.1	42.1	42.3	37.3	37.4	37.6	32.7	32.4	32.3	27.5	27.3	27.3	22.2	22.1	22.2	18.8	18.7	18.8	18.6	18.5	18.5	90			
95	39.8	40	40.1	35.5	35.6	35.8	31.4	31.2	31.1	26.6	26.3	26.3	21.5	21.4	21.5	18.2	18.1	18.2	18	17.9	18	95			
100	37.7	37.8	38	33.8	33.9	34.1	30.1	30	29.9	25.6	25.4	25.4	20.9	20.7	20.8	17.6	17.5	17.6	17.4	17.4	17.4	100			
105	35.9	35.9	36	32.1	32.2	32.5	28.9	28.8	28.8	24.7	24.5	24.5	20.2	20.1	20.1	17	16.9	17	16.8	16.8	16.8	105			
110	34	34.2	34.3	30.6	30.6	30.9	27.6	27.6	27.6	23.7	23.6	23.6	19.5	19.4	19.5	16.5	16.4	16.4	16.3	16.2	16.3	110			
115	32.2	32.4	32.5	29.1	29.2	29.4	26.3	26.4	26.5	22.9	22.7	22.7	18.9	18.8	18.8	15.9	15.8	15.9	15.8	15.7	15.7	115			
120	30.6	30.7	30.8	27.7	27.8	28	25.1	25.2	25.3	22.1	21.9	21.9	18.2	18.1	18.2	15.4	15.3	15.4	15.3	15.2	15.2	120			
125	29.1	29.2	29.3	26.3	26.5	26.6	24	24	24.2	21.3	21.2	21.2	17.6	17.5	17.6	14.8	14.8	14.8	14.7	14.7	14.7	125			
130	27.7	27.7	27.9	25	25.2	25.3	22.9	23	23.1	20.5	20.4	20.4	17.1	17	17	14.3	14.3	14.3	14.3	14.2	14.2	130			
135	25.8	26.1	26.3	23.8	23.9	24	21.8	22	22.1	19.7	19.6	19.7	16.5	16.4	16.5	13.8	13.8	13.8	13.8	13.7	13.8	135			
140	23.9	24.2	24.4	22.7	22.8	22.9	20.8	20.9	21	19	18.9	19	15.9	15.9	15.9	13.4	13.4	13.4	13.3	13.3	13.3	140			
145	22.9	22.9	23	21.5	21.7	21.8	19.8	19.9	20	18.2	18.2	18.3	15.4	15.4	15.4	12.9	12.9	12.9	12.9	12.8	12.9	145			
150	21.9	21.9	22	20.5	20.6	20.7	18.9	19	19.1	17.5	17.5	17.6	15	14.9	14.9	12.5	12.5	12.5	12.4	12.4	12.4	150			
155	20.6	20.8	18.2	19.2	19.5	19.6	17.9	18.1	18.2	16.7	16.8	16.9	14.5	14.4	14.5	12.1	12.1	12.1	12	12	12	155			
160	19.2	19.3	14.7	17.8	18.1	18.1	17.1	17.2	17.3	16	16.1	16.2	14	14	14	11.7	11.7	11.7	11.7	11.6	11.7	160			
165	17.8	18	12.2	17	17.1	17.1	16.2	16.3	16.4	15.3	15.4	15.4	13.6	13.5	13.6	11.3	11.3	11.3	11.3	11.3	11.3	165			
170	16.6	16.7	10.2	16.3	16.3	16.4	15.4	15.6	15.6	14.6	14.6	14.7	13.1	13.1	13.1	10.9	10.9	11	10.9	10.9	10.9	170			
175	15.5	15.6	8.6	15.7	15.7	13.9	14.5	14.7	14.7	13.8	13.9	14	12.7	12.7	12.7	10.6	10.6	10.6	10.6	10.6	10.6	175			
180	13.1	13.2	7.1	14.8	14.9	11.8	13.5	13.5	13.6	13.2	13.3	13.3	12.3	12.3	12.3	10.2	10.2	10.2	10.2	10.2	10.2	180			
185	9.3	9.1		13.8	13.9	10	12.9	12.9	13	12.6	12.7	12.7	11.9	11.9	11.9	9.8	9.8	9.9	9.7	9.8	9.8	185			
190				12.8	12.9	8.6	12.4	12.5	12.5	11.4	11.4	11.5	11.5	11.5	11.6	9.5	9.5	9.5	9.2	9.3	9.3	190			
195				10.7	10.7	7.2	11.9	12	11.4	10.9	11	11	11	11	11.1	9.1	9.1	9.2	8.8	8.8	8.9	195			
200				7.7	7.7	5.1	11.4	11.4	9.9	9.4	9.7	9.8	10.5	10.6	10.6	8.8	8.8	8.9	8.3	8.4	8.4	200			
205							9.8	9.9	8.5	7.5	7.9	7.8	10	10.1	10.1	8.5	8.5	8.5	7.9	7.9	8	205			
210							8.8	8.8	7.3	5.7	6	6	9.5	9.6	9.6	8.1	8.2	8.2	7.5	7.5	7.5	210			
215							5.7	5.8	4.2	4	4.3	4.2	8.8	8.9	8.9	7.8	7.9	7.9	7.1	7.1	7.1	215			
220										2.4	2.6	2.3	8.1	8.2	8.2	7.5	7.6	7.6	6.7	6.7	6.7	220			
225													7.4	7.5	7.5	7.2	7.2	7.3	6.3	6.3	6.3	225			
230													6.9	6.9	6.9	6.9	7	7	5.9	5.9	6	230			
235													6.4	6.4	6.4	6.5	6.5	6.5	5.6	5.6	5.6	235			
240													4.6	4.8	4.3	5.9	6	6	5.2	5.2	5.2	240			
245																5.3	5.3	5.3	4.9	4.8	4.8	245			
250																4.4	4.6	4.3	4.4	4.4	4.4	250			
255																	2.1		2.8	3	2.6	255			

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Lifting capacities

TNZK

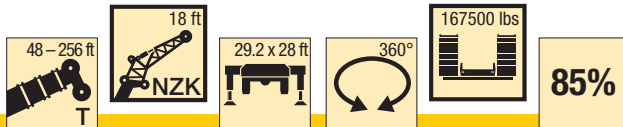


	48 ft			64 ft			80 ft			96 ft			112 ft			128 ft			144 ft			160 ft			
	18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	128.3	101.2																						12	
13	125.9	99.2	84.3	130.9	103																			13	
14	122.7	97.2	82.9	130.3	101.1		130.4																	14	
15	119.5	95.3	81.7	127.6	99.4	83.9	129.2	100.7																15	
16	116.3	93.5	80.5	124.9	97.8	82.8	127.4	99.6		126.8														16	
17	113.7	91.8	79.3	122.4	96.2	81.8	125.2	98.2		125.1														17	
18	111.2	90.1	78.2	120	94.7	80.8	123.1	96.8	81.8	123.4	97.5		121.2											18	
19	108.6	88.4	77.1	117.6	93.3	79.9	121	95.5	81	121.7	96.4		119.9											19	
20	106	86.9	76.1	115.2	91.9	78.9	119	94.2	80.2	120	95.3		118.6											20	
22	101.2	84	74	110.7	89.2	77.1	115.1	91.7	78.5	116.6	93	79.4	115.9	93.5		105.6								22	
24	96.9	81.1	72.2	106.7	86.4	75.3	111.2	89.2	77	113.1	90.8	77.9	113.1	91.5	78.3	105.6	91.1							24	
26	92.9	78.6	70.4	102.6	84.1	73.6	107.5	87	75.4	109.9	88.7	76.5	110.2	89.5	77	105.3	89.6		95.2					26	
28	89.1	76.1	68.8	98.8	81.8	72.2	104.2	84.8	74.1	106.9	86.7	75.2	107.5	87.6	75.8	104.7	88.2	76.8	94.7	83.6				28	
30	86	73.8	67.3	95.4	79.5	70.8	101.1	82.8	72.7	103.9	84.8	73.9	104.8	85.8	74.6	103.9	86.9	75.8	94.2	82.7		79.4		30	
32	82.8	71.9	65.9	92.3	77.5	69.4	98	81	71.4	100.9	83	72.8	102.4	84.2	73.5	102.4	85.6	74.8	93.4	81.7	73	79.4		32	
34	79.9	70.1	64.7	89.2	75.6	68.2	95.1	79.2	70.2	98.5	81.2	71.6	100.1	82.6	72.4	100.8	84.3	73.9	92.4	80.7	72.2	79.3	73.9		34
36	77.4	68.3	63.6	86.5	73.8	67	92.4	77.5	69.1	96.1	79.6	70.5	97.8	81.1	71.4	99.1	83.1	73	91.5	79.8	71.4	79	73.3	67.7	36
38	74.9	66.7	62.6	84.1	72.1	65.9	89.9	75.9	68	93.7	78.2	69.5	95.6	79.7	70.5	97.4	81.8	72.2	90.4	78.8	70.7	78.6	72.7	67.2	38
40	72.6	65.2	61.7	81.7	70.7	64.9	87.6	74.3	67	91.4	76.8	68.5	93.6	78.2	69.5	95.7	80.6	71.3	89.3	77.9	69.9	78.2	72	66.6	40
45	67.9	62.2	60.1	76.3	67.2	62.7	82.3	70.8	64.8	86.3	73.3	66.3	88.9	75.2	67.4	91.6	77.6	69.4	86.3	75.4	68.2	76.5	70.2	65.2	45
50	64.1	59.9	59.4	71.7	64.3	60.9	77.7	67.9	62.9	81.8	70.4	64.3	84.4	72.3	65.5	88	75	67.5	83.1	73.2	66.6	73.6	67.9	63.7	50
55	60.5	58.2	9.1	68	61.9	59.7	73.7	65.2	61.2	78	67.8	62.6	80.7	69.7	63.7	84.3	72.5	66	78.7	71	65.1	69.8	65.1	61.7	55
60				64.7	59.9	32.6	70.2	63	59.9	74.4	65.6	61.2	77.2	67.3	62.2	81.2	70.2	64.4	73.8	69	63.8	66.1	62.3	59.3	60
65				62.2	58.8	16	67.2	61.1	58.9	71.2	63.4	59.9	74.2	65.3	60.9	74.8	68.3	63.1	69.1	66.9	62.6	62.5	59.9	57.1	65
70				59.3	57.5	9.5	64.5	59.6	47.6	68.4	61.7	59	69.2	63.5	59.8	67.5	66.5	61.9	64.1	64.3	61	59	57.5	55.1	70
75				41.9			62.3	58.4	22.2	64	60.1	58.1	62.8	61.7	58.8	61.1	61.8	60.4	58.7	59.3	58.8	55.6	55.1	53.1	75
80							58.9	57.8	13.8	58.3	58.6	57.8	57	57.6	57.7	55.3	55.9	56.4	55.8	54	54.6	52.7	52.5	51.1	80
85							53.8	53.3	9.2	53.1	53.5	29	51.8	52.3	52.6	50.9	50.7	51.1	51.6	50.3	49.4	49.2	49.5	49	85
90							40.8	13.5		48.6	48.9	18.1	47.2	47.7	47.9	48.6	46.2	46.4	47	47.6	47.2	45.3	45.9	46.4	90
95										44.5	44.8	12.5	43.1	43.6	37.1	44.7	44.5	43.8	42.9	43.4	43.7	42.1	42.1	42.3	95
100										40.9	40.3	9	40.9	39.9	22.6	41.1	41.5	41.6	39.2	39.7	40	38.6	39.2	39.4	100
105										35.8	15.6	5.7	39.1	38.5	15.8	37.8	38.1	38.3	36	36.4	36.6	35.3	35.9	36.1	105
110													36.3	36.4	11.7	34.9	35.2	27.7	33.4	33.6	33.7	32.4	32.9	33.1	110
115													33.6	33.8	8.9	32.3	32.5	19.2	30.8	31.1	31.3	29.6	30.1	30.3	115
120													31	17	6.3	29.9	30.1	14.4	28.3	28.6	28.7	27.1	27.5	27.7	120
125																27.7	27.9	11.2	27	26.9	22.8	25.4	25.4	25.5	125
130																25.6	25.8	8.8	25.1	25.3	17.2	23.8	24.1	24.2	130
135																23.8	18.2	6.6	23.2	23.4	13.5	21.8	22.1	22.2	135
140																			21.4	21.6	10.8	20.1	20.3	19.7	140
145																			19.9	20	8.7	19.2	19.1	15.8	145
150																			18.4	18.5	6.9	18.4	18.4	12.7	150
155																						17.2	17.3	10.5	155
160																						16	16	8.6	160
165																						14.8	14.8	7	165
170																						10.5	9.4		170

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Lifting capacities

TNZK

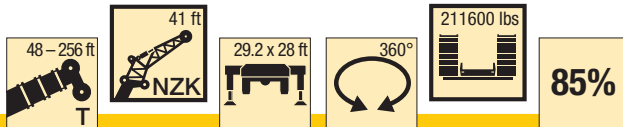


	176 ft			192 ft			208 ft			224 ft			240 ft			253 ft			256 ft			
	18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
34	64.7																					34
36	64.5																					36
38	64.2	64.7		51.5																		38
40	64	64.5		51.3																		40
45	63.2	63.7	61	50.8	51.2	51.4	41.6															45
50	62.2	62.8	60	50.3	50.7	51.2	41.2	41.5	42.2	34			25.4									50
55	60.7	60.6	58.7	49.7	50	50.5	40.9	41.2	41.3	33.8	33.8	34.1	25.3	25.4		21			20.4			55
60	57.9	57.8	56.7	48.7	48.8	49	40.3	40.1	40.2	33.2	33.2	33.5	25.1	25.2	25.1	21	21		20.4	20.4		60
65	55	54.9	54.4	46.9	47	47.2	39.1	38.9	39	32.5	32.4	32.6	24.9	24.9	25	20.9	20.9	20.9	20.3	20.4	20.3	65
70	52.2	52.2	52.1	44.9	45	45.3	37.9	37.7	37.7	31.6	31.4	31.5	24.6	24.5	24.6	20.7	20.7	20.8	20.2	20.3	20.3	70
75	49.6	49.5	49.7	43	43.1	43.3	36.6	36.4	36.3	30.6	30.3	30.4	24.1	24	24.1	20.4	20.3	20.4	20	20	20.1	75
80	46.9	47	47.1	41.1	41.1	41.4	35.3	35	34.9	29.5	29.3	29.3	23.5	23.4	23.5	19.9	19.9	19.9	19.6	19.6	19.6	80
85	44.4	44.4	44.6	39.2	39.2	39.5	34	33.7	33.6	28.5	28.3	28.3	22.8	22.8	22.8	19.4	19.3	19.4	19.1	19.1	19.1	85
90	42.1	42.1	42.3	37.3	37.4	37.6	32.7	32.4	32.3	27.5	27.3	27.3	22.2	22.1	22.2	18.8	18.7	18.8	18.6	18.5	18.5	90
95	39.5	40	40.1	35.5	35.6	35.8	31.4	31.2	31.1	26.6	26.3	26.3	21.5	21.4	21.5	18.2	18.1	18.2	18	17.9	18	95
100	36.5	37.1	37.5	33.8	33.9	34.1	30.1	30	29.9	25.6	25.4	25.4	20.9	20.7	20.8	17.6	17.5	17.6	17.4	17.4	17.4	100
105	33.4	34.1	34.5	32.1	32.2	32.5	28.9	28.8	28.8	24.7	24.5	24.5	20.2	20.1	20.1	17	16.9	17	16.8	16.8	16.8	105
110	31.6	31.4	31.5	30	30.5	30.7	27.6	27.6	27.6	23.7	23.6	23.6	19.5	19.4	19.5	16.5	16.4	16.4	16.3	16.2	16.3	110
115	29.4	29.7	29.8	27.5	28	28.4	26.3	26.4	26.5	22.9	22.7	22.7	18.9	18.8	18.8	15.9	15.8	15.9	15.8	15.7	15.7	115
120	27	27.4	27.7	25.3	25.8	26.1	24.7	25	25.3	22.1	21.9	21.9	18.2	18.1	18.2	15.4	15.3	15.4	15.3	15.2	15.2	120
125	24.6	25.1	25.3	24	24	24.1	22.9	23.3	23.6	21.3	21.2	21.2	17.6	17.5	17.6	14.8	14.8	14.8	14.7	14.7	14.7	125
130	22.6	23	23.1	22.9	22.9	23	21.1	21.5	21.8	20.5	20.4	20.4	17.1	17	17	14.3	14.3	14.3	14.3	14.2	14.2	130
135	20.6	21	21.1	21.2	21.6	21.8	19.6	19.8	20.1	19.3	19.5	19.7	16.5	16.4	16.5	13.8	13.8	13.8	13.8	13.7	13.8	135
140	19.6	19.6	19.6	19.5	19.8	20	18.8	18.8	18.8	17.9	18.2	18.4	15.9	15.9	15.9	13.4	13.4	13.4	13.3	13.3	13.3	140
145	18.7	18.7	18.8	17.8	18.2	18.3	18	18	18.1	16.5	16.8	17.1	15.4	15.4	15.4	12.9	12.9	12.9	12.9	12.8	12.9	145
150	17.4	17.6	17.7	16.3	16.6	16.7	17	17.2	17.4	15.3	15.5	15.7	15	14.9	14.9	12.5	12.5	12.5	12.4	12.4	12.4	150
155	16	16.2	16.2	15.5	15.5	15.6	15.6	15.9	16	14.7	14.7	14.8	14.5	14.4	14.5	12.1	12.1	12.1	12	12	12	155
160	14.7	14.9	14.6	14.8	14.8	14.9	14.3	14.6	14.7	14.2	14.2	14.3	13.8	13.9	13.9	11.7	11.7	11.7	11.7	11.6	11.7	160
165	14	14	12.2	14.1	14.1	14.1	13.1	13.3	13.4	13.7	13.7	13.8	12.8	13.1	13.2	11.3	11.3	11.3	11.3	11.3	11.3	165
170	13.4	13.5	10.2	13	13.2	13.2	12.5	12.5	12.6	12.8	13	13	11.7	11.9	12.1	10.9	10.9	11	10.9	10.9	10.9	170
175	13	13	8.6	11.9	12.1	12.1	12	12	12.1	11.8	12	12.1	10.6	10.8	11	10.4	10.5	10.5	10.3	10.5	10.6	175
180	12.3	12.3	7.1	11	11.1	11.1	11.4	11.5	11.5	10.8	11	11	9.6	9.8	9.9	9.7	9.9	10	9.4	9.6	9.8	180
185		9.3	9.1		10.6	10.6	10	10.8	10.9	9.8	10	10.1	8.6	8.8	8.9	8.8	9	9.1	8.5	8.8	8.9	185
190					10.2	10.2	8.6	10	10.1	8.9	9.1	9.1	7.7	7.9	8	7.9	8.1	8.2	7.7	7.9	8	190
195					9.9	9.9	7.2	9.2	9.3	8.1	8.2	8.3	6.9	7	7.1	7	7.2	7.3	6.8	7	7.1	195
200					7.7	7.7	5.1	8.4	8.5	7.3	7.4	7.4	6	6.2	6.3	6.2	6.4	6.5	6	6.2	6.3	200
205								7.6	7.7	6.4	6.6	6.6	5.3	5.4	5.5	5.4	5.6	5.7	5.2	5.4	5.5	205
210								7	7	6.9	4.8	5	5	4.6	4.7	4.7	4.7	4.9	4.5	4.7	4.7	210
215								5.7	5.8	4.2	3.1	3.3	3.2	3.9	4	4	4	4.2	3.8	4	4	215
220														3.2	3.3	3.3	3.4	3.5	3.2	3.3	3.3	220
225														2.6	2.7	2.7	2.8	2.9	2.4	2.6	2.6	225
230																	2.1	2.1				230

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Lifting capacities

TNZK

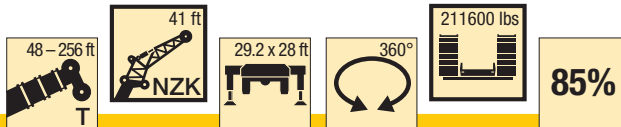


 ft	48 ft			144 ft			160 ft			176 ft			192 ft			 ft
	41 ft			41 ft			41 ft			41 ft			41 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	52.4															12
13	52.1															13
14	51.7															14
15	51.2															15
16	50.7															16
17	50.1															17
18	49.5															18
19	48.9	39.2														19
20	48.3	39														20
22	47.1	37.2														22
24	45.8	35.3		52.7												24
26	44.3	33.6		52.8												26
28	42.9	32.1	23.1	52.8			47.4									28
30	41.4	30.8	22.8	52.6			47.4									30
32	40.1	29.5	22.1	52.4			47.4			41.7						32
34	38.8	28.5	21.6	52			47.3			41.6						34
36	37.5	27.4	21.1	51.6			47.1			41.6			35.6			36
38	36.3	26.4	20.6	51.2	38.4		46.7			41.5			35.7			38
40	34.9	25.6	20.2	50.7	37.5		46.3			41.3			35.7			40
45	31.2	23.6	19.2	49.3	35.2	23.1	45.4	36.1		40.7			35.5			45
50	28	22.1	18.4	47.8	33.3	22.3	44.5	34.1	22.5	40.1	34.5		35.2			50
55	25.4	20.8	17.8	46.3	31.6	21.7	43.5	32.3	21.9	39.5	32.9	22	34.8	31.8		55
60	23.4	19.6	17.4	44.6	30	21.1	42.6	30.8	21.3	38.8	31.3	21.4	34.4	31	21.5	60
65	21.6	18.7	17.1	42.8	28.7	20.6	41.4	29.5	20.8	38.2	29.9	20.9	34	30.1	20.9	65
70	20.1	18	17.1	41.1	27.5	20.1	40.1	28.3	20.3	37.5	28.7	20.5	33.6	28.8	20.5	70
75	18.8	17.6	16.3	39.5	26.4	19.6	38.8	27.2	19.9	36.7	27.5	20	33.1	27.7	20.1	75
80	17.8	17.5		38	25.4	19.2	37.6	26.2	19.5	35.8	26.6	19.7	32.7	26.7	19.7	80
85				36.5	24.5	18.9	36.4	25.2	19.1	34.9	25.7	19.3	32	25.8	19.4	85
90				34.8	23.6	18.6	35.2	24.4	18.8	34	24.8	19	31.4	25	19.1	90
95				33	22.9	18.3	34.1	23.6	18.5	33.1	24	18.7	30.7	24.3	18.8	95
100				31.3	22.2	18	32.9	22.9	18.2	32.3	23.3	18.4	29.9	23.5	18.5	100
105				29.6	21.5	17.8	31.4	22.3	18	31.5	22.7	18.1	29	22.9	18.2	105
110				28.2	20.9	17.6	30	21.6	17.8	30.5	22.1	17.9	27.8	22.3	18	110
115				26.9	20.4	17.4	28.6	21	17.6	29.4	21.5	17.7	26.5	21.7	17.8	115
120				25.7	19.9	17.3	27.3	20.6	17.4	28.2	21	17.5	25.4	21.1	17.6	120
125				24.6	19.4	17.2	26.3	20.1	17.3	27	20.5	17.4	24.3	20.7	17.4	125
130				23.7	19	17.1	25.2	19.6	17.1	25.9	20.1	17.2	23.2	20.3	17.3	130
135				22.8	18.6	17.1	24.2	19.2	17.1	24.7	19.7	17.2	22.2	19.9	17.2	135
140				21.9	18.3	17.1	23.3	18.9	17	23.6	19.3	17.1	21.2	19.5	17.1	140
145				21.1	18	15.7	22.6	18.6	17	22.6	18.9	17	20.2	19.1	17.1	145
150				20.4	17.8	10.1	21.8	18.2	17	21.5	18.6	17	19.3	18.7	17	150
155				19.7	17.6	7.2	21	18	16.5	20.4	18.4	17	18.4	18.3	17	155
160				19.1	17.5	5.4	20.4	17.8	12.4	19	18.1	17	17.5	17.8	16.8	160
165				18.6	17.5		19.4	17.6	8.7	17.7	17.8	17	16.7	17.1	16.6	165
170				17.2	16		18.1	17.5	6.6	17	17.1	15.1	16	16.4	16.4	170
175				10.2	6.9		17	17.4	5.1	16.3	16.5	10.5	15	15.6	15.8	175
180							15.9	16.3		15.5	15.8	7.8	14	14.7	15	180
185							13.3	15.2		14.5	15	6.1	13.1	13.6	12.2	185
190							7.7	7.5		13.6	14	4.9	12.6	12.7	9.1	190
195										12.7	13		12.1	12.2	7.2	195
200										10.4	12.1		11.6	11.7	5.8	200
205										6.1	7.8		11	11.3		205
210													10.3	10.6		210
215													8.3	9.8		215
220													7.1	7.2		220

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Lifting capacities

TNZK

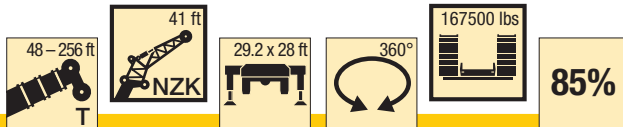


	208 ft			224 ft			240 ft			253 ft			256 ft			
	41 ft			41 ft			41 ft			41 ft			41 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
45	30			23.3												45
50	30.1			23.5			19.4									50
55	29.9			23.6			19.4			16.4			15.9			55
60	29.7	28.3		23.8			19.4			16.4			15.9			60
65	29.5	27.8	20.9	23.9	23.9		19.3			16.4			16			65
70	29.3	27.3	22.6	23.8	23.7		19.2	19.2		16.3			15.9			70
75	28.9	26.9	22	23.6	23.3	22.5	19.1	18.8		16.1	16		15.8	15.7		75
80	28.5	26.4	21.5	23.2	22.8	22.1	18.9	18.4	17.8	15.9	15.8		15.6	15.5		80
85	28.1	25.6	21.1	22.6	22.3	21.6	18.7	17.9	17.4	15.7	15.5	15.1	15.4	15.2	15	85
90	27.4	24.8	20.8	22.1	21.7	21.2	18.2	17.5	16.9	15.5	15.1	14.7	15.2	15	14.6	90
95	26.7	24.1	20.5	21.5	21.1	20.7	17.9	17	16.4	15.1	14.8	14.4	14.9	14.6	14.2	95
100	25.8	23.4	20.2	20.8	20.4	20.3	17.4	16.6	16	14.7	14.4	14	14.5	14.3	13.9	100
105	24.9	22.8	19.9	20.2	19.8	19.7	17	16.1	15.6	14.3	14.1	13.7	14.1	13.9	13.6	105
110	24	22.2	19.4	19.5	19.1	19.1	16.5	15.7	15.2	13.9	13.7	13.4	13.8	13.6	13.3	110
115	23.2	21.7	18.8	18.9	18.5	18.5	16.1	15.3	14.9	13.5	13.3	13	13.4	13.2	12.9	115
120	22.4	21.1	18.2	18.2	17.9	17.9	15.6	14.9	14.5	13.1	12.9	12.7	12.9	12.8	12.6	120
125	21.5	20.7	17.6	17.6	17.3	17.3	15.1	14.6	14.2	12.6	12.5	12.4	12.5	12.4	12.3	125
130	20.7	20.1	17.3	17	16.8	16.7	14.6	14.2	13.9	12.2	12.1	12.1	12.1	12	12.1	130
135	19.9	19.6	17.2	16.4	16.2	16.2	14.1	13.8	13.5	11.8	11.7	11.8	11.7	11.6	11.7	135
140	19.1	19	17.1	15.9	15.7	15.7	13.7	13.4	13.2	11.4	11.3	11.4	11.3	11.2	11.4	140
145	18.3	18.3	17.1	15.4	15.2	15.2	13.2	13	12.9	11	10.9	11	10.9	10.9	11	145
150	17.5	17.7	17	14.9	14.7	14.7	12.8	12.7	12.6	10.6	10.6	10.7	10.6	10.5	10.6	150
155	16.7	17.1	16.8	14.4	14.3	14.3	12.4	12.3	12.3	10.3	10.2	10.3	10.2	10.2	10.3	155
160	16	16.4	16.3	13.9	13.8	13.8	12	11.9	12	9.9	9.9	10	9.8	9.8	9.9	160
165	15.3	15.6	15.7	13.5	13.3	13.4	11.6	11.6	11.6	9.6	9.5	9.6	9.5	9.5	9.6	165
170	14.6	14.9	15.2	13	12.9	13	11.2	11.2	11.3	9.2	9.2	9.3	9.2	9.2	9.3	170
175	13.9	14.2	14.5	12.5	12.5	12.6	10.9	10.8	10.9	8.9	8.9	9	8.9	8.9	9	175
180	13.2	13.6	13.9	12.1	12.1	12.2	10.5	10.5	10.6	8.6	8.6	8.7	8.6	8.6	8.7	180
185	12.6	13	13.2	11.6	11.7	11.8	10.2	10.2	10.3	8.3	8.3	8.4	8.3	8.3	8.4	185
190	12	12.3	12.6	11.1	11.3	11.5	9.8	9.8	9.9	8	8	8.1	8	8	8.1	190
195	11.2	11.7	11.9	10.7	10.9	11.1	9.5	9.5	9.6	7.8	7.8	7.9	7.7	7.8	7.9	195
200	10.3	11	10.7	10.2	10.4	10.7	9.2	9.2	9.3	7.5	7.5	7.6	7.4	7.5	7.6	200
205	9.8	10.1	8.3	9.7	10	10.2	8.9	8.9	9	7.3	7.3	7.4	7.1	7.3	7.4	205
210	9.5	9.5	6.7	9.2	9.5	9.7	8.6	8.7	8.8	7.1	7	7.1	6.8	7.1	7.1	210
215	9.1	9.2	5.5	8.7	9	9.2	8.3	8.4	8.5	6.8	6.8	6.9	6.5	6.8	6.8	215
220	8.7	8.8		7.9	8.4	7.6	7.9	8.1	8.2	6.6	6.6	6.7	6.2	6.4	6.5	220
225	8.4	8.5		7.6	7.7	6.3	7.6	7.8	7.9	6.4	6.4	6.5	5.9	6.1	6.2	225
230	7	8.2		7.4	7.4	5.3	7.2	7.5	7.6	6.2	6.2	6.3	5.5	5.7	5.9	230
235	5.6	6.6		7.1	7.2		6.8	7.1	7	6	6	6.1	5.1	5.4	5.5	235
240				6.9	6.9		6.3	6.6	6	5.8	5.8	5.9	4.8	5	5.1	240
245				6.1	6.8		5.8	6.1	5.1	5.5	5.6	5.7	4.4	4.7	4.7	245
250				3.5	4.8		5.1	5.5		5.2	5.4	5.5	4.1	4.3	4.4	250
255							4.6	4.9		4.6	5	5.1	3.8	4	4	255
260							3.2	4.3		4	4.4		3.5	3.7	3.7	260
265										3.4	3.8		3.2	3.4		265
270										2.8	3.2		2.7	3		270
275														2.4		275

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Lifting capacities

TNZK

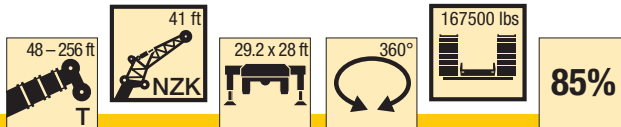


	48 ft			144 ft			160 ft			176 ft			192 ft			
	41 ft			41 ft			41 ft			41 ft			41 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	52.4															12
13	52.1															13
14	51.7															14
15	51.2															15
16	50.7															16
17	50.1															17
18	49.5															18
19	48.9	39.2														19
20	48.3	39														20
22	47.1	37.2														22
24	45.8	35.3		52.7												24
26	44.3	33.6		52.8												26
28	42.9	32.1	23.1	52.8			47.4									28
30	41.4	30.8	22.8	52.6			47.4									30
32	40.1	29.5	22.1	52.4			47.4			41.7						32
34	38.8	28.5	21.6	52			47.3			41.6						34
36	37.5	27.4	21.1	51.6			47.1			41.6			35.6			36
38	36.3	26.4	20.6	51.2	38.4		46.7			41.5			35.7			38
40	34.9	25.6	20.2	50.7	37.5		46.3			41.3			35.7			40
45	31.2	23.6	19.2	49.3	35.2	23.1	45.4	36.1		40.7			35.5			45
50	28	22.1	18.4	47.8	33.3	22.3	44.5	34.1	22.5	40.1	34.5		35.2			50
55	25.4	20.8	17.8	46.3	31.6	21.7	43.5	32.3	21.9	39.5	32.9	22	34.8	31.8		55
60	23.4	19.6	17.4	44.6	30	21.1	42.6	30.8	21.3	38.8	31.3	21.4	34.4	31	21.5	60
65	21.6	18.7	17.1	42.8	28.7	20.6	41.4	29.5	20.8	38.2	29.9	20.9	34	30.1	20.9	65
70	20.1	18	17.1	41.1	27.5	20.1	40.1	28.3	20.3	37.5	28.7	20.5	33.6	28.8	20.5	70
75	18.8	17.6	16.3	39.5	26.4	19.6	38.8	27.2	19.9	36.7	27.5	20	33.1	27.7	20.1	75
80	17.8	17.5		38	25.4	19.2	37.6	26.2	19.5	35.8	26.6	19.7	32.7	26.7	19.7	80
85				36.5	24.5	18.9	36.4	25.2	19.1	34.9	25.7	19.3	32	25.8	19.4	85
90				34.8	23.6	18.6	35.2	24.4	18.8	34	24.8	19	31.4	25	19.1	90
95				33	22.9	18.3	34.1	23.6	18.5	33.1	24	18.7	30.7	24.3	18.8	95
100				31.3	22.2	18	32.9	22.9	18.2	32.3	23.3	18.4	29.9	23.5	18.5	100
105				29.6	21.5	17.8	31.4	22.3	18	31.5	22.7	18.1	29	22.9	18.2	105
110				28.2	20.9	17.6	30	21.6	17.8	30.5	22.1	17.9	27.8	22.3	18	110
115				26.9	20.4	17.4	28.6	21	17.6	29.1	21.5	17.7	26.5	21.7	17.8	115
120				25.7	19.9	17.3	27.1	20.6	17.4	26.7	21	17.5	25.3	21.1	17.6	120
125				24.6	19.4	17.2	25.9	20.1	17.3	24.8	20.5	17.4	23.8	20.7	17.4	125
130				23.7	19	17.1	24.3	19.6	17.1	23.5	20.1	17.2	22	20.3	17.3	130
135				22.8	18.6	17.1	22.4	19.2	17.1	22	19.7	17.2	20.2	19.9	17.2	135
140				21.7	18.3	17.1	20.6	18.9	17	20.2	19.3	17.1	19	19.4	17.1	140
145				20.1	18	15.7	19	18.6	17	18.6	18.8	17	18.1	18.3	17.1	145
150				18.6	17.8	10.1	17.5	18.2	17	17.1	18	17	17.2	17.4	17	150
155				17.2	17.6	7.2	16.1	17	16.5	15.7	16.8	17	15.8	16.7	16.7	155
160				15.9	16.6	5.4	14.8	15.7	12.4	14.4	15.4	16	14.6	15.6	16.1	160
165				14.8	15.2		13.6	14.4	8.7	13.2	14.1	14.6	13.3	14.3	15	165
170				13.7	14		12.5	13.2	6.6	12.1	12.9	13.2	12.2	13.1	13.7	170
175				10.2	6.9		11.5	12	5.1	11	11.8	10.5	11.2	12	12.5	175
180							10.5	11		10.1	10.7	7.8	10.2	11	11.4	180
185							9.6	10		9.1	9.7	6.1	9.2	10	10.3	185
190							7.7	7.5		8.3	8.8	4.9	8.8	9	9.1	190
195										7.5	7.9		8.4	8.5	7.2	195
200										6.7	7.1		8.1	8.2	5.8	200
205										5.9	6.2		7.8	7.8		205
210													7.5	7.5		210
215													7.3	7.3		215
220													7.1	7.2		220

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Lifting capacities

TNZK

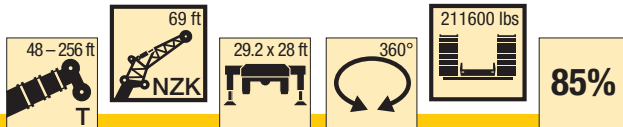


	208 ft			224 ft			240 ft			253 ft			256 ft			
	41 ft			41 ft			41 ft			41 ft			41 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
45	30			23.3												45
50	30.1			23.5			19.4									50
55	29.9			23.6			19.4			16.4			15.9			55
60	29.7	28.3		23.8			19.4			16.4			15.9			60
65	29.5	27.8	20.9	23.9	23.9		19.3			16.4			16			65
70	29.3	27.3	22.6	23.8	23.7		19.2	19.2		16.3			15.9			70
75	28.9	26.9	22	23.6	23.3	22.5	19.1	18.8		16.1	16		15.8	15.7		75
80	28.5	26.4	21.5	23.2	22.8	22.1	18.9	18.4	17.8	15.9	15.8		15.6	15.5		80
85	28.1	25.6	21.1	22.6	22.3	21.6	18.7	17.9	17.4	15.7	15.5	15.1	15.4	15.2	15	85
90	27.4	24.8	20.8	22.1	21.7	21.2	18.2	17.5	16.9	15.5	15.1	14.7	15.2	15	14.6	90
95	26.7	24.1	20.5	21.5	21.1	20.7	17.9	17	16.4	15.1	14.8	14.4	14.9	14.6	14.2	95
100	25.8	23.4	20.2	20.8	20.4	20.3	17.4	16.6	16	14.7	14.4	14	14.5	14.3	13.9	100
105	24.9	22.8	19.9	20.2	19.8	19.7	17	16.1	15.6	14.3	14.1	13.7	14.1	13.9	13.6	105
110	24	22.2	19.4	19.5	19.1	19.1	16.5	15.7	15.2	13.9	13.7	13.4	13.8	13.6	13.3	110
115	23.2	21.7	18.8	18.9	18.5	18.5	16.1	15.3	14.9	13.5	13.3	13	13.4	13.2	12.9	115
120	22.4	21.1	18.2	18.2	17.9	17.9	15.6	14.9	14.5	13.1	12.9	12.7	12.9	12.8	12.6	120
125	21.5	20.7	17.6	17.6	17.3	17.3	15.1	14.6	14.2	12.6	12.5	12.4	12.5	12.4	12.3	125
130	20.7	20.1	17.3	17	16.8	16.7	14.6	14.2	13.9	12.2	12.1	12.1	12.1	12	12.1	130
135	19.7	19.6	17.2	16.4	16.2	16.2	14.1	13.8	13.5	11.8	11.7	11.8	11.7	11.6	11.7	135
140	18.3	19	17.1	15.9	15.7	15.7	13.7	13.4	13.2	11.4	11.3	11.4	11.3	11.2	11.4	140
145	16.9	18	17.1	15.4	15.2	15.2	13.2	13	12.9	11	10.9	11	10.9	10.9	11	145
150	15.6	16.8	16.9	14.9	14.7	14.7	12.8	12.7	12.6	10.6	10.6	10.7	10.6	10.5	10.6	150
155	14.3	15.5	16.4	14.4	14.3	14.3	12.4	12.3	12.3	10.3	10.2	10.3	10.2	10.2	10.3	155
160	13.8	14.1	15	13.5	13.8	13.8	12	11.9	12	9.9	9.9	10	9.8	9.8	9.9	160
165	13.3	13.2	13.6	12.5	13.3	13.4	11.6	11.6	11.6	9.6	9.5	9.6	9.5	9.5	9.6	165
170	12.7	12.8	12.8	11.4	12.4	13	11.2	11.2	11.3	9.2	9.2	9.3	9.2	9.2	9.3	170
175	11.9	12.3	12.4	10.8	11.4	12	10.8	10.8	10.9	8.9	8.9	9	8.9	8.9	9	175
180	10.9	11.7	11.9	10.4	10.4	11	9.9	10.5	10.6	8.6	8.6	8.7	8.6	8.6	8.7	180
185	9.9	10.7	11.2	10	10	10.1	9.1	9.9	10.3	8.3	8.3	8.4	8.3	8.3	8.4	185
190	9.3	9.8	10.2	9.6	9.7	9.8	8.2	9.1	9.6	8	8	8.1	7.7	8	8.1	190
195	8.9	8.9	9.2	8.9	9.4	9.4	7.4	8.3	8.8	7.3	7.8	7.9	7	7.6	7.9	195
200	8.6	8.6	8.7	8.1	8.8	9.1	6.6	7.4	7.9	6.6	7.4	7.6	6.3	7.1	7.5	200
205	8.2	8.3	8	7.3	8	8.3	5.8	6.6	7	5.9	6.7	7.1	5.6	6.4	6.9	205
210	7.7	8	6.7	6.6	7.2	7.5	5.1	5.9	6.2	5.2	5.9	6.4	5	5.7	6.2	210
215	7	7.5	5.5	5.9	6.5	6.7	4.4	5.1	5.5	4.5	5.2	5.6	4.3	5	5.5	215
220	6.4	6.8		5.3	5.8	6	3.8	4.4	4.7	3.8	4.5	4.9	3.6	4.3	4.7	220
225	5.8	6.1		4.7	5.1	5.3	3.2	3.8	4	3.2	3.9	4.2	3	3.7	4	225
230	5.2	5.5		4.1	4.5	4.6	2.6	3.2	3.4	2.6	3.3	3.6	2.3	3	3.4	230
235	4.7	4.9		3.5	3.9			2.5	2.7		2.6	2.9		2.4	2.7	235
240				3	3.3							2.2				240
245				2.5	2.8											245
250					2.3											250

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Lifting capacities

TNZK

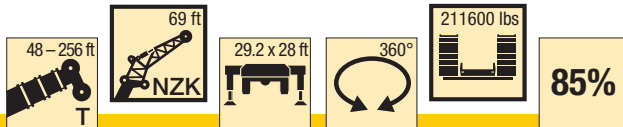


 ft	48 ft			144 ft			160 ft			176 ft			192 ft			 ft
	69 ft			69 ft			69 ft			69 ft			69 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	20.8															12
13	20.8															13
14	20.9															14
15	21															15
16	21															16
17	21															17
18	21															18
19	21															19
20	21															20
22	21															22
24	20.9															24
26	20.7															26
28	20.5			20.8												28
30	20.3			20.9			19.9									30
32	20			21			19.9									32
34	19.7	17.8		21			19.9			18.7						34
36	19.4	17.5		21			19.9			18.7						36
38	19.1	17.2		21			19.9			18.8			17.4			38
40	18.7	16.9		21			19.9			18.8			17.4			40
45	17.9	16.1		21			19.9			18.8			17.5			45
50	17.1	15.4		20.8			19.9			18.8			17.5			50
55	16.3	14.7	13.2	20.5	17.5		19.8	17.2		18.8			17.5			55
60	15.5	14.1	12.8	20.3	17		19.6	16.8		18.7	16.3		17.5			60
65	14.8	13.6	12.4	19.9	16.7		19.3	16.4		18.5	16		17.3	15.2		65
70	14.2	13.1	12	19.5	16.2	13.4	19	16		18.2	15.6		17.1	15		70
75	13.6	12.6	11.8	19	15.8	13.2	18.6	15.6	13.1	17.9	15.3		16.8	14.7		75
80	13.1	12.3	11.6	18.6	15.4	13	18.2	15.3	12.9	17.6	15	12.7	16.6	14.4		80
85	12.6	12	11.4	18.1	15.1	12.8	17.8	15	12.7	17.2	14.7	12.5	16.3	14.2	12.2	85
90	12.1	11.7	11.4	17.7	14.7	12.6	17.4	14.6	12.5	16.9	14.4	12.3	16	13.9	12.1	90
95	11.6	11.5	11.4	17.2	14.4	12.4	17	14.3	12.3	16.5	14.1	12.2	15.7	13.7	11.9	95
100	11.1	11.4	11.4	16.7	14.1	12.2	16.6	14.1	12.2	16.2	13.9	12	15.4	13.4	11.8	100
105	10.6	11.3	4.5	16.3	13.8	12.1	16.2	13.8	12	15.8	13.6	11.9	15.1	13.2	11.7	105
110	9.8			15.9	13.5	11.9	15.8	13.5	11.9	15.5	13.4	11.7	14.9	13	11.5	110
115				15.5	13.3	11.8	15.5	13.3	11.8	15.2	13.1	11.6	14.6	12.8	11.4	115
120				15.1	13.1	11.7	15.1	13	11.6	14.9	12.9	11.5	14.4	12.6	11.3	120
125				14.7	12.8	11.6	14.8	12.8	11.5	14.6	12.7	11.4	14.1	12.4	11.2	125
130				14.4	12.6	11.5	14.4	12.6	11.4	14.3	12.5	11.4	13.9	12.3	11.1	130
135				14.1	12.4	11.4	14.1	12.4	11.4	14	12.3	11.3	13.6	12.1	11.1	135
140				13.7	12.2	11.4	13.8	12.3	11.3	13.8	12.2	11.2	13.4	11.9	11	140
145				13.4	12.1	11.4	13.6	12.1	11.3	13.5	12	11.2	13.2	11.8	11	145
150				13.1	11.9	11.4	13.3	11.9	11.2	13.2	11.9	11.1	13	11.7	10.9	150
155				12.9	11.8	11.4	13	11.8	11.2	13	11.7	11.1	12.8	11.5	10.9	155
160				12.6	11.7	11.4	12.8	11.7	11.2	12.8	11.6	11.1	12.6	11.4	10.8	160
165				12.3	11.6	11.4	12.5	11.6	11.2	12.5	11.5	11.1	12.4	11.3	10.8	165
170				12	11.5	11.4	12.3	11.5	11.2	12.3	11.4	11.1	12.2	11.2	10.8	170
175				11.8	11.5	11.4	12.1	11.4	11.2	12.1	11.3	11.1	12	11.1	10.8	175
180				11.5	11.4	8.6	11.8	11.3	11.2	12	11.2	11.1	11.8	11.1	10.8	180
185				11.2	11.3	6.2	11.6	11.3	11.2	11.8	11.2	11.1	11.7	11	10.8	185
190				10.9	11.3		11.4	11.3	10.3	11.6	11.1	11.1	11.5	10.9	10.8	190
195				10.6	11.3		11.2	11.2	7.6	11.4	11.1	11.1	11.2	10.9	10.8	195
200				10.2	10.7		11	11.2	5.8	11.3	11.1	11.1	11	10.9	10.8	200
205							10.8	11.2		11.1	11	9.1	10.7	10.9	10.8	205
210							10.5	11.2		10.9	11	7	10.1	10.6	10.8	210
215							7.7	10.6		10.7	10.9	5.4	9.4	10.2	10.3	215
220										10.1	10.7		9	9.4	8.2	220
225										8.8	9.9		8.7	8.8	6.4	225
230										6	8.1		8.3	8.5	5.2	230
235											3		8	8.2		235
240													7	7.9		240
245													5.2	6.5		245
250														5.2		250

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Lifting capacities

TNZK

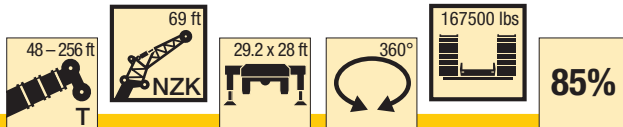


	208 ft			224 ft			240 ft			253 ft			256 ft			
	69 ft			69 ft			69 ft			69 ft			69 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
45	15.8															45
50	15.9			14												50
55	15.9			14.1			12.2									55
60	15.8			14.1			12.2			10.6			10.4			60
65	15.7			14			12.2			10.6			10.4			65
70	15.6	14.1		14			12.2			10.7			10.4			70
75	15.5	13.9		13.8			12.1			10.7			10.5			75
80	15.2	13.6		13.7	12.6		12.1			10.7			10.4			80
85	15	13.4		13.6	12.5		12	11.3		10.6			10.4			85
90	14.8	13.2	11.7	13.4	12.3		11.9	11.2		10.6	10.2		10.4	10		90
95	14.6	13	11.5	13.2	12.1	11.1	11.8	11.1		10.5	10.1		10.3	9.9		95
100	14.4	12.8	11.4	13.1	12	11	11.7	11		10.4	10.1		10.3	9.9		100
105	14.2	12.6	11.3	13	11.9	10.9	11.6	10.9	10.3	10.4	10		10.2	9.8		105
110	14	12.4	11.2	12.8	11.7	10.8	11.5	10.8	10.3	10.3	9.9	9.6	10.1	9.8	9.5	110
115	13.8	12.3	11.1	12.7	11.6	10.7	11.4	10.7	10.2	10.2	9.8	9.5	10	9.7	9.4	115
120	13.6	12.1	11	12.5	11.5	10.6	11.2	10.6	10.1	10.1	9.6	9.4	10	9.5	9.3	120
125	13.4	12	11	12.4	11.4	10.6	11.1	10.5	10.1	10	9.4	9.2	9.9	9.4	9.1	125
130	13.2	11.8	10.9	12.2	11.2	10.5	10.9	10.4	10	9.8	9.2	8.9	9.7	9.1	8.9	130
135	13	11.7	10.8	12.1	11.1	10.5	10.8	10.2	9.9	9.5	9	8.7	9.4	8.9	8.7	135
140	12.8	11.5	10.8	11.9	11	10.5	10.6	10	9.7	9.2	8.7	8.5	9.2	8.7	8.5	140
145	12.6	11.4	10.7	11.8	10.9	10.4	10.4	9.8	9.5	9	8.5	8.3	8.9	8.5	8.3	145
150	12.4	11.3	10.7	11.6	10.8	10.4	10.2	9.5	9.3	8.7	8.3	8.1	8.7	8.3	8.1	150
155	12.2	11.2	10.7	11.5	10.7	10.4	10	9.3	9.1	8.5	8.1	7.9	8.4	8.1	7.9	155
160	12.1	11.1	10.6	11.3	10.6	10.3	9.7	9.1	8.9	8.2	7.9	7.8	8.2	7.9	7.8	160
165	11.9	11	10.6	11.1	10.5	10.3	9.5	8.9	8.8	8	7.7	7.6	7.9	7.7	7.6	165
170	11.8	10.9	10.6	10.8	10.4	10.3	9.2	8.7	8.6	7.7	7.6	7.5	7.7	7.5	7.5	170
175	11.6	10.9	10.6	10.5	10.2	10.3	8.9	8.5	8.4	7.4	7.4	7.3	7.4	7.4	7.3	175
180	11.4	10.8	10.6	10.2	10	10.2	8.7	8.3	8.2	7.2	7.2	7.2	7.2	7.2	7.2	180
185	11.1	10.7	10.6	9.9	9.8	10	8.5	8.1	8.1	7	7	7	6.9	7	7	185
190	10.8	10.7	10.6	9.6	9.6	9.8	8.2	8	7.9	6.8	6.8	6.9	6.7	6.8	6.9	190
195	10.6	10.6	10.6	9.3	9.3	9.6	7.9	7.8	7.8	6.6	6.7	6.8	6.5	6.6	6.7	195
200	10.3	10.5	10.6	9.1	9.1	9.3	7.7	7.6	7.6	6.4	6.5	6.6	6.3	6.4	6.6	200
205	9.9	10.2	10.5	8.8	8.8	9	7.5	7.5	7.5	6.2	6.3	6.4	6.2	6.2	6.4	205
210	9.5	9.8	10.2	8.5	8.5	8.7	7.3	7.3	7.4	6	6.1	6.2	6	6	6.2	210
215	9.1	9.5	9.9	8.2	8.3	8.5	7.1	7.1	7.2	5.8	5.9	6	5.8	5.9	6	215
220	8.6	9.1	9.4	7.9	8	8.2	6.9	6.9	7.1	5.6	5.7	5.9	5.6	5.7	5.8	220
225	7.9	8.7	8.9	7.6	7.7	8	6.7	6.8	6.9	5.5	5.5	5.7	5.3	5.5	5.7	225
230	7.3	8.1	8.4	7.3	7.5	7.7	6.5	6.6	6.8	5.3	5.4	5.5	5	5.3	5.5	230
235	7	7.5	7.5	6.9	7.2	7.4	6.3	6.4	6.6	5.1	5.2	5.4	4.7	5.2	5.3	235
240	6.8	7	6.1	6.5	6.9	7.1	6.1	6.3	6.4	5	5	5.2	4.5	5	5.1	240
245	6.6	6.7	5	6.1	6.6	6.8	5.9	6.1	6.2	4.8	4.9	5	4.2	4.7	4.8	245
250	6.4	6.5		5.7	6.2	6.3	5.7	5.9	6.1	4.6	4.7	4.9	3.9	4.4	4.5	250
255	5.7	6.2		5.5	5.7	5.7	5.4	5.7	5.9	4.4	4.6	4.7	3.6	4.1	4.2	255
260	4.9	5.4		5.4	5.4		4.9	5.4	5.6	4.2	4.4	4.5	3.3	3.7	3.9	260
265		3.4		5.2	5.3		4.4	5.1	5.3	4	4.2	4.4	3	3.4	3.5	265
270				4.7	5.1		3.9	4.5	4.6	3.7	4	4.1	2.7	3.1	3.2	270
275				2.8	4.5		3.3	3.9		3.3	3.8	3.9	2.4	2.8	2.9	275
280							2.8	3.4		2.5	3.4	3.5		2.5	2.5	280
285								2.8			2.9	2.9				285

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Lifting capacities

TNZK

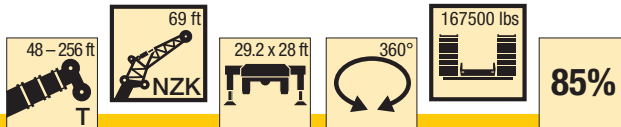


 ft	48 ft			144 ft			160 ft			176 ft			192 ft			 ft
	69 ft			69 ft			69 ft			69 ft			69 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	20.8															12
13	20.8															13
14	20.9															14
15	21															15
16	21															16
17	21															17
18	21															18
19	21															19
20	21															20
22	21															22
24	20.9															24
26	20.7															26
28	20.5			20.8												28
30	20.3			20.9			19.9									30
32	20			21			19.9									32
34	19.7	17.8		21			19.9			18.7						34
36	19.4	17.5		21			19.9			18.7						36
38	19.1	17.2		21			19.9			18.8			17.4			38
40	18.7	16.9		21			19.9			18.8			17.4			40
45	17.9	16.1		21			19.9			18.8			17.5			45
50	17.1	15.4		20.8			19.9			18.8			17.5			50
55	16.3	14.7	13.2	20.5	17.5		19.8	17.2		18.8			17.5			55
60	15.5	14.1	12.8	20.3	17		19.6	16.8		18.7	16.3		17.5			60
65	14.8	13.6	12.4	19.9	16.7		19.3	16.4		18.5	16		17.3	15.2		65
70	14.2	13.1	12	19.5	16.2	13.4	19	16		18.2	15.6		17.1	15		70
75	13.6	12.6	11.8	19	15.8	13.2	18.6	15.6	13.1	17.9	15.3		16.8	14.7		75
80	13.1	12.3	11.6	18.6	15.4	13	18.2	15.3	12.9	17.6	15	12.7	16.6	14.4		80
85	12.6	12	11.4	18.1	15.1	12.8	17.8	15	12.7	17.2	14.7	12.5	16.3	14.2	12.2	85
90	12.1	11.7	11.4	17.7	14.7	12.6	17.4	14.6	12.5	16.9	14.4	12.3	16	13.9	12.1	90
95	11.6	11.5	11.4	17.2	14.4	12.4	17	14.3	12.3	16.5	14.1	12.2	15.7	13.7	11.9	95
100	11.1	11.4	11.4	16.7	14.1	12.2	16.6	14.1	12.2	16.2	13.9	12	15.4	13.4	11.8	100
105	10.6	11.3	4.5	16.3	13.8	12.1	16.2	13.8	12	15.8	13.6	11.9	15.1	13.2	11.7	105
110	9.8			15.9	13.5	11.9	15.8	13.5	11.9	15.5	13.4	11.7	14.9	13	11.5	110
115				15.5	13.3	11.8	15.5	13.3	11.8	15.2	13.1	11.6	14.6	12.8	11.4	115
120				15.1	13.1	11.7	15.1	13	11.6	14.9	12.9	11.5	14.4	12.6	11.3	120
125				14.7	12.8	11.6	14.8	12.8	11.5	14.6	12.7	11.4	14.1	12.4	11.2	125
130				14.4	12.6	11.5	14.4	12.6	11.4	14.3	12.5	11.4	13.9	12.3	11.1	130
135				14.1	12.4	11.4	14.1	12.4	11.4	14	12.3	11.3	13.6	12.1	11.1	135
140				13.7	12.2	11.4	13.8	12.3	11.3	13.8	12.2	11.2	13.4	11.9	11	140
145				13.4	12.1	11.4	13.6	12.1	11.3	13.5	12	11.2	13.2	11.8	11	145
150				13.1	11.9	11.4	13.3	11.9	11.2	13.2	11.9	11.1	13	11.7	10.9	150
155				12.9	11.8	11.4	13	11.8	11.2	13	11.7	11.1	12.8	11.5	10.9	155
160				12.6	11.7	11.4	12.8	11.7	11.2	12.8	11.6	11.1	12.6	11.4	10.8	160
165				12.3	11.6	11.4	12.5	11.6	11.2	12.5	11.5	11.1	12.4	11.3	10.8	165
170				12	11.5	11.4	12.3	11.5	11.2	12.3	11.4	11.1	12	11.2	10.8	170
175				11.8	11.5	11.4	12.1	11.4	11.2	12.1	11.3	11.1	11.8	11.1	10.8	175
180				11.5	11.4	8.6	11.8	11.3	11.2	11.7	11.2	11.1	11.6	11.1	10.8	180
185				11.2	11.3	6.2	11.4	11.3	11.2	10.9	11.2	11.1	10.8	10.9	10.8	185
190				10.9	11.3		10.5	11.2	10.3	10	10.9	11.1	9.9	10.7	10.8	190
195				10.6	11.2		9.6	10.6	7.6	9.1	10.3	10.8	9.1	10.4	10.8	195
200				10.1	10.1		8.9	9.6	5.8	8.3	9.4	9.9	8.3	9.5	10.2	200
205							8.1	8.8		7.6	8.5	8.9	7.5	8.6	9.2	205
210							7.4	7.9		6.9	7.7	7	6.8	7.8	8.3	210
215							6.8	7.1		6.2	6.9	5.4	6.4	7.1	7.5	215
220										5.6	6.2		6.2	6.3	6.6	220
225										5	5.5		6	6.1	6.2	225
230										4.4	4.8		5.8	5.9	5.2	230
235											3		5.6	5.7		235
240													5.4	5.5		240
245													5.2	5.3		245
250														5.2		250

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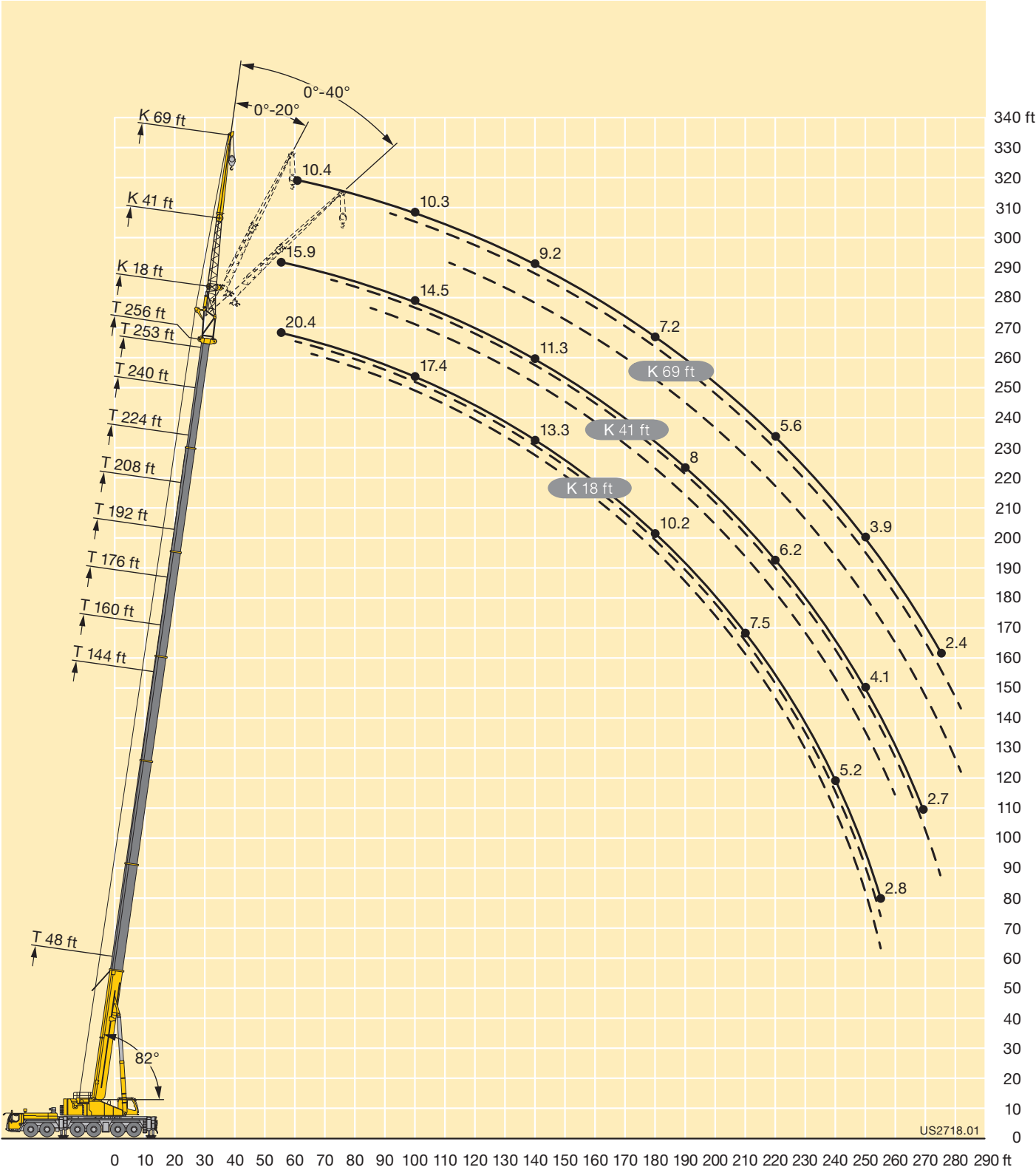
Lifting capacities

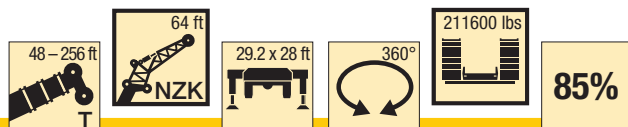
TNZK



	208 ft			224 ft			240 ft			253 ft			256 ft			
	69 ft			69 ft			69 ft			69 ft			69 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
45	15.8															45
50	15.9			14												50
55	15.9			14.1			12.2									55
60	15.8			14.1			12.2			10.6			10.4			60
65	15.7			14			12.2			10.6			10.4			65
70	15.6	14.1		14			12.2			10.7			10.4			70
75	15.5	13.9		13.8			12.1			10.7			10.5			75
80	15.2	13.6		13.7	12.6		12.1			10.7			10.4			80
85	15	13.4		13.6	12.5		12	11.3		10.6			10.4			85
90	14.8	13.2	11.7	13.4	12.3		11.9	11.2		10.6	10.2		10.4	10		90
95	14.6	13	11.5	13.2	12.1	11.1	11.8	11.1		10.5	10.1		10.3	9.9		95
100	14.4	12.8	11.4	13.1	12	11	11.7	11		10.4	10.1		10.3	9.9		100
105	14.2	12.6	11.3	13	11.9	10.9	11.6	10.9	10.3	10.4	10		10.2	9.8		105
110	14	12.4	11.2	12.8	11.7	10.8	11.5	10.8	10.3	10.3	9.9	9.6	10.1	9.8	9.5	110
115	13.8	12.3	11.1	12.7	11.6	10.7	11.4	10.7	10.2	10.2	9.8	9.5	10	9.7	9.4	115
120	13.6	12.1	11	12.5	11.5	10.6	11.2	10.6	10.1	10.1	9.6	9.4	10	9.5	9.3	120
125	13.4	12	11	12.4	11.4	10.6	11.1	10.5	10.1	10	9.4	9.2	9.9	9.4	9.1	125
130	13.2	11.8	10.9	12.2	11.2	10.5	10.9	10.4	10	9.8	9.2	8.9	9.7	9.1	8.9	130
135	13	11.7	10.8	12.1	11.1	10.5	10.8	10.2	9.9	9.5	9	8.7	9.4	8.9	8.7	135
140	12.8	11.5	10.8	11.9	11	10.5	10.6	10	9.7	9.2	8.7	8.5	9.2	8.7	8.5	140
145	12.6	11.4	10.7	11.8	10.9	10.4	10.4	9.8	9.5	9	8.5	8.3	8.9	8.5	8.3	145
150	12.4	11.3	10.7	11.6	10.8	10.4	10.2	9.5	9.3	8.7	8.3	8.1	8.7	8.3	8.1	150
155	12.2	11.2	10.7	11.5	10.7	10.4	10	9.3	9.1	8.5	8.1	7.9	8.4	8.1	7.9	155
160	12.1	11.1	10.6	11.3	10.6	10.3	9.7	9.1	8.9	8.2	7.9	7.8	8.2	7.9	7.8	160
165	11.9	11	10.6	11.1	10.5	10.3	9.5	8.9	8.8	8	7.7	7.6	7.9	7.7	7.6	165
170	11.8	10.9	10.6	10.8	10.4	10.3	9.2	8.7	8.6	7.7	7.6	7.5	7.7	7.5	7.5	170
175	11.1	10.9	10.6	10.5	10.2	10.3	8.9	8.5	8.4	7.4	7.4	7.3	7.4	7.4	7.3	175
180	10.2	10.8	10.6	10.1	10	10.2	8.7	8.3	8.2	7.2	7.2	7.2	7.2	7.2	7.2	180
185	9.9	10.7	10.6	9.4	9.8	10	8.5	8.1	8.1	7	7	7	6.9	7	7	185
190	9.6	9.9	10.5	8.6	9.6	9.8	8.2	8	7.9	6.8	6.8	6.9	6.7	6.8	6.9	190
195	9.1	9.2	10	7.9	9.2	9.6	7.8	7.8	7.8	6.6	6.7	6.8	6.5	6.6	6.7	195
200	8.5	8.9	9.2	7.7	8.5	9.2	7.4	7.6	7.6	6.4	6.5	6.6	6.3	6.4	6.6	200
205	7.8	8.6	8.9	7.4	7.7	8.6	6.7	7.5	7.5	6.1	6.3	6.4	6	6.2	6.4	205
210	7.1	8.1	8.6	7.2	7.2	7.8	6.1	7.1	7.4	5.7	6.1	6.2	5.4	6	6.2	210
215	6.7	7.4	8	6.8	7	7.2	5.4	6.7	7.2	5.1	5.9	6	4.9	5.9	6	215
220	6.5	6.7	7.2	6.2	6.8	7	4.8	6	6.7	4.6	5.6	5.9	4.3	5.4	5.8	220
225	6.3	6.4	6.5	5.6	6.5	6.8	4.1	5.3	6.1	4	5.2	5.6	3.8	4.9	5.7	225
230	6	6.2	6.3	5	5.9	6.4	3.5	4.7	5.3	3.5	4.6	5.3	3.2	4.3	5.1	230
235	5.6	6	6.1	4.4	5.3	5.8	3	4.1	4.6	2.9	4	4.7	2.7	3.8	4.5	235
240	5	5.6	5.8	3.9	4.7	5.1	2.3	3.5	4	2.3	3.5	4.1		3.3	3.9	240
245	4.5	5.1	5	3.4	4.1	4.4		2.9	3.3		2.9	3.5		2.7	3.3	245
250	4.1	4.5		2.9	3.6	3.8		2.2	2.7		2.2	2.9			2.7	250
255	3.6	4		2.5	3.1	3.2						2.1				255
260	3.2	3.5			2.5											260
265		2.9														265

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	48 ft			144 ft			160 ft			176 ft			192 ft			
	64 ft			64 ft			64 ft			64 ft			64 ft			
ft	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	31.4															12
13	31.4															13
14	31.4															14
15	31.4															15
16	31.2															16
17	31															17
18	30.7															18
19	30.5															19
20	30.2															20
22	29.6															22
24	29															24
26	28.4															26
28	27.7			31.4												28
30	27.1			31.4			27									30
32	26.4	22.9		31.4			27									32
34	25.8	22.3		31.3			27			24.9						34
36	25.2	21.6		31.1			27			24.9						36
38	24.6	21		30.9			27			24.9			22.1			38
40	24	20.4		30.6			27			25			22.1			40
45	22.6	19.1		29.8			27			25			22.1			45
50	21.2	17.9	15.1	29	22.7		26.9			25			22.2			50
55	19.7	16.9	14.3	28.1	21.8		26.7	22.3		24.7			22.1			55
60	18.2	16	13.7	27.3	21		26.1	21.7		24.3	20.9		21.9			60
65	16.9	15.2	13.1	26.4	20.3	15.4	25.5	21.2		23.9	20.4		21.6	19.3		65
70	15.6	14.5	12.6	25.6	19.6	15	25	20.6	15.9	23.4	19.9		21.3	18.9		70
75	14.5	13.8	12.2	24.8	18.9	14.6	24.3	20.1	15.7	23	19.5	15.5	21	18.6		75
80	13.6	13.2	11.9	24	18.3	14.3	23.7	19.6	15.4	22.5	19.1	15.2	20.7	18.2	14.9	80
85	12.7	12.7	11.7	23.2	17.8	14	23.1	19.1	15.1	22.1	18.7	14.9	20.4	17.9	14.6	85
90	11.9	12.2	11.6	22.4	17.2	13.7	22.5	18.6	14.8	21.6	18.2	14.7	20	17.5	14.4	90
95	11.3	11.8	11.6	21.7	16.7	13.4	21.9	18.1	14.5	21.1	17.8	14.4	19.7	17.2	14.2	95
100	10.7	11.6	5.1	20.9	16.2	13.1	21.4	17.6	14.3	20.7	17.4	14.2	19.4	16.8	14	100
105	10.3			20.1	15.8	12.9	20.8	17.1	14.1	20.2	17	14	19.1	16.5	13.8	105
110				19.3	15.4	12.7	20.3	16.7	13.9	19.8	16.6	13.8	18.8	16.2	13.6	110
115				18.5	15	12.5	19.8	16.3	13.7	19.4	16.2	13.6	18.4	15.9	13.4	115
120				17.7	14.7	12.3	19.3	15.9	13.5	18.9	15.9	13.4	18.1	15.5	13.2	120
125				17	14.3	12.1	18.8	15.6	13.3	18.5	15.6	13.3	17.8	15.2	13.1	125
130				16.3	14	12	18.3	15.3	13.2	18.1	15.2	13.1	17.5	15	13	130
135				15.6	13.7	11.9	17.8	14.9	13	17.7	15	13	17.2	14.7	12.8	135
140				15	13.4	11.8	17.3	14.6	12.9	17.3	14.7	12.9	16.8	14.4	12.8	140
145				14.5	13.1	11.7	16.9	14.3	12.8	16.9	14.4	12.8	16.5	14.2	12.7	145
150				14	12.9	11.7	16.4	14	12.8	16.5	14.1	12.7	16.2	14	12.6	150
155				13.5	12.6	11.6	15.9	13.8	12.7	16.1	13.9	12.7	15.8	13.7	12.5	155
160				13	12.3	11.6	15.4	13.5	12.6	15.7	13.6	12.6	15.5	13.5	12.5	160
165				12.5	12.1	11.6	14.9	13.3	12.6	15.3	13.3	12.6	15.1	13.3	12.4	165
170				12.1	12	11.6	14.4	13	12.6	14.9	13.1	12.5	14.7	13.1	12.4	170
175				11.8	11.8	8.6	13.9	12.8	12.6	14.5	12.9	12.5	14.2	12.9	12.3	175
180				11.4	11.7	6.3	13.5	12.6	12.6	14.1	12.7	12.5	13.8	12.7	12.3	180
185				11.1	11.6		13.1	12.5	10.6	13.7	12.5	12.4	13.3	12.5	12.3	185
190				10.8	11.6		12.7	12.3	7.6	13.3	12.4	12.4	12.7	12.2	12.3	190
195				10.5	11.1		12.3	12.3	5.8	12.8	12.3	11.8	12.2	12	12.3	195
200							12	12.2		12.4	12.2	9.1	11.3	11.8	12	200
205							11.5	12.2		11.9	11.9	7	10.5	11.4	11.6	205
210							8.2	10.9		11.2	11.5	5.5	9.7	10.6	10.6	210
215								3.8		10.5	11		9.4	9.7	8.2	215
220										9.3	10.2		9	9.2	6.5	220
225										6.3	8.4		8.7	8.8	5.2	225
230											3.4		8.3	8.5		230
235													7.4	8.1		235
240													5.4	6.8		240
245													4.1	5.4		245

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Lifting capacities

TNZK

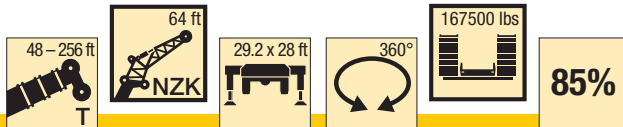
48 – 256 ft T 64 ft NZK 29.2 x 28 ft 360° 211600 lbs 85%																
ft	208 ft			224 ft			240 ft			253 ft			256 ft			ft
	64 ft			64 ft			64 ft			64 ft			64 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
45	19.2															45
50	19.2			16.4												50
55	19.3			16.4			13.8									55
60	19.2			16.4			13.9			11.9			11.6			60
65	19.1			16.4			13.9			11.9			11.6			65
70	18.9	17.5		16.4			13.9			12			11.7			70
75	18.7	17.2		16.3	15.5		13.9			12			11.7			75
80	18.5	17		16.2	15.4		13.8			11.8			11.6			80
85	18.3	16.7	14.2	16	15.2		13.7	13.2		11.7			11.5			85
90	18.1	16.5	14	15.9	15.1		13.6	13.2		11.6	11.2		11.4	10.9		90
95	17.9	16.2	13.8	15.7	14.9	13.1	13.5	13.1		11.5	11.2		11.3	10.9		95
100	17.7	15.9	13.6	15.6	14.8	13	13.3	12.9	12.1	11.4	11.1		11.2	10.8		100
105	17.4	15.7	13.4	15.4	14.6	12.9	13.2	12.6	12	11.2	10.9	10.5	11.1	10.7	10.4	105
110	17.2	15.4	13.2	15.2	14.4	12.7	13	12.2	11.7	11.1	10.6	10.2	10.9	10.5	10.2	110
115	17	15.2	13.1	15	14.2	12.6	12.8	11.9	11.4	10.9	10.3	10	10.7	10.2	9.9	115
120	16.8	14.9	13	14.8	14	12.5	12.5	11.6	11.2	10.7	10.1	9.7	10.6	10	9.7	120
125	16.6	14.7	12.8	14.6	13.8	12.4	12.2	11.3	10.9	10.5	9.8	9.5	10.4	9.7	9.4	125
130	16.3	14.4	12.7	14.3	13.6	12.3	11.8	11	10.6	10.2	9.6	9.3	10.1	9.5	9.2	130
135	16.1	14.2	12.6	14	13.4	12.2	11.5	10.7	10.4	9.9	9.3	9	9.8	9.2	9	135
140	15.9	14	12.5	13.7	13.2	12.2	11.2	10.5	10.1	9.6	9.1	8.8	9.5	9	8.8	140
145	15.6	13.8	12.4	13.2	12.9	12.1	10.9	10.2	9.9	9.3	8.9	8.6	9.2	8.8	8.6	145
150	15.2	13.6	12.4	12.8	12.6	12	10.6	9.9	9.7	9	8.6	8.4	8.9	8.6	8.4	150
155	14.8	13.4	12.3	12.4	12.2	11.9	10.4	9.7	9.5	8.7	8.4	8.2	8.6	8.4	8.2	155
160	14.3	13.1	12.2	12	11.8	11.7	10.1	9.5	9.2	8.4	8.2	8	8.3	8.2	8	160
165	13.9	12.9	12.2	11.6	11.5	11.5	9.8	9.2	9	8.1	8	7.8	8.1	7.9	7.8	165
170	13.4	12.7	12.1	11.2	11.1	11.2	9.5	9	8.9	7.8	7.8	7.7	7.8	7.7	7.7	170
175	13	12.5	12.1	10.9	10.8	10.9	9.2	8.8	8.7	7.5	7.5	7.5	7.5	7.5	7.5	175
180	12.5	12.2	12	10.5	10.5	10.6	9	8.6	8.5	7.2	7.3	7.3	7.2	7.3	7.3	180
185	12	11.9	11.9	10.1	10.1	10.3	8.7	8.4	8.3	7	7.1	7.2	7	7.1	7.1	185
190	11.4	11.6	11.7	9.8	9.8	10	8.4	8.2	8.2	6.8	6.9	7	6.8	6.9	7	190
195	10.9	11.3	11.6	9.5	9.5	9.7	8.1	8	8	6.6	6.7	6.8	6.6	6.7	6.8	195
200	10.4	10.9	11.1	9.2	9.2	9.4	7.8	7.9	7.9	6.4	6.5	6.6	6.4	6.5	6.6	200
205	10	10.4	10.7	8.9	8.9	9.1	7.6	7.6	7.7	6.2	6.3	6.4	6.2	6.3	6.4	205
210	9.5	9.9	10.2	8.6	8.6	8.8	7.4	7.4	7.5	6	6.1	6.2	6	6.1	6.2	210
215	8.9	9.5	9.7	8.3	8.3	8.6	7.2	7.2	7.3	5.8	5.9	6	5.8	5.9	6	215
220	8.3	9	9.2	7.9	8	8.3	7	7	7.1	5.7	5.7	5.9	5.5	5.7	5.9	220
225	7.6	8.4	8.6	7.6	7.7	8	6.7	6.8	6.9	5.5	5.5	5.7	5.2	5.5	5.7	225
230	7.3	7.7	7.5	7.2	7.4	7.7	6.5	6.6	6.8	5.3	5.4	5.5	4.9	5.3	5.5	230
235	7	7.1	6.1	6.8	7.1	7.3	6.3	6.4	6.6	5.2	5.2	5.3	4.6	5.1	5.3	235
240	6.8	6.9	5	6.3	6.8	7	6.1	6.3	6.4	5	5	5.2	4.3	4.8	5	240
245	6.6	6.6		5.9	6.3	6.5	5.8	6.1	6.2	4.8	4.9	5	4.1	4.5	4.7	245
250	6	6.4		5.7	5.8	5.8	5.6	5.9	6.1	4.6	4.7	4.9	3.8	4.2	4.4	250
255	5	5.6		5.5	5.6		5.1	5.6	5.8	4.4	4.6	4.7	3.5	3.8	4	255
260		3.6		5.4	5.4		4.6	5.3	5.4	4.1	4.4	4.5	3.2	3.5	3.7	260
265				4.9	5.3		4	4.7	4.8	3.8	4.1	4.3	2.9	3.2	3.3	265
270				3	4.6		3.5	4.1		3.3	3.9	4	2.6	2.9	3	270
275							3	3.5			3.5	3.6		2.6	2.6	275
280								2.9			2.5	2.6				280

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Lifting capacities

TNZK

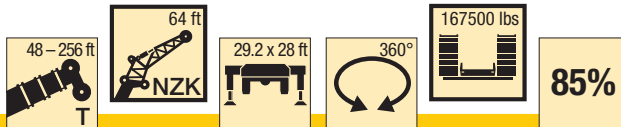


	48 ft			144 ft			160 ft			176 ft			192 ft			
	64 ft			64 ft			64 ft			64 ft			64 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	31.4															12
13	31.4															13
14	31.4															14
15	31.4															15
16	31.2															16
17	31															17
18	30.7															18
19	30.5															19
20	30.2															20
22	29.6															22
24	29															24
26	28.4															26
28	27.7			31.4												28
30	27.1			31.4			27									30
32	26.4	22.9		31.4			27									32
34	25.8	22.3		31.3			27			24.9						34
36	25.2	21.6		31.1			27			24.9						36
38	24.6	21		30.9			27			24.9			22.1			38
40	24	20.4		30.6			27			25			22.1			40
45	22.6	19.1		29.8			27			25			22.1			45
50	21.2	17.9	15.1	29	22.7		26.9			25			22.2			50
55	19.7	16.9	14.3	28.1	21.8		26.7	22.3		24.7			22.1			55
60	18.2	16	13.7	27.3	21		26.1	21.7		24.3	20.9		21.9			60
65	16.9	15.2	13.1	26.4	20.3	15.4	25.5	21.2		23.9	20.4		21.6	19.3		65
70	15.6	14.5	12.6	25.6	19.6	15	25	20.6	15.9	23.4	19.9		21.3	18.9		70
75	14.5	13.8	12.2	24.8	18.9	14.6	24.3	20.1	15.7	23	19.5	15.5	21	18.6		75
80	13.6	13.2	11.9	24	18.3	14.3	23.7	19.6	15.4	22.5	19.1	15.2	20.7	18.2	14.9	80
85	12.7	12.7	11.7	23.2	17.8	14	23.1	19.1	15.1	22.1	18.7	14.9	20.4	17.9	14.6	85
90	11.9	12.2	11.6	22.4	17.2	13.7	22.5	18.6	14.8	21.6	18.2	14.7	20	17.5	14.4	90
95	11.3	11.8	11.6	21.7	16.7	13.4	21.9	18.1	14.5	21.1	17.8	14.4	19.7	17.2	14.2	95
100	10.7	11.6	5.1	20.9	16.2	13.1	21.4	17.6	14.3	20.7	17.4	14.2	19.4	16.8	14	100
105	10.3			20.1	15.8	12.9	20.8	17.1	14.1	20.2	17	14	19.1	16.5	13.8	105
110				19.3	15.4	12.7	20.3	16.7	13.9	19.8	16.6	13.8	18.8	16.2	13.6	110
115				18.5	15	12.5	19.8	16.3	13.7	19.4	16.2	13.6	18.4	15.9	13.4	115
120				17.7	14.7	12.3	19.3	15.9	13.5	18.9	15.9	13.4	18.1	15.5	13.2	120
125				17	14.3	12.1	18.8	15.6	13.3	18.5	15.6	13.3	17.8	15.2	13.1	125
130				16.3	14	12	18.3	15.3	13.2	18.1	15.2	13.1	17.5	15	13	130
135				15.6	13.7	11.9	17.8	14.9	13	17.7	15	13	17.2	14.7	12.8	135
140				15	13.4	11.8	17.3	14.6	12.9	17.3	14.7	12.9	16.8	14.4	12.8	140
145				14.5	13.1	11.7	16.9	14.3	12.8	16.9	14.4	12.8	16.5	14.2	12.7	145
150				14	12.9	11.7	16.4	14	12.8	16.5	14.1	12.7	16.2	14	12.6	150
155				13.5	12.6	11.6	15.9	13.8	12.7	15.9	13.9	12.7	15.3	13.7	12.5	155
160				13	12.3	11.6	15.3	13.5	12.6	15.5	13.6	12.6	14.2	13.5	12.5	160
165				12.5	12.1	11.6	14.8	13.3	12.6	14.6	13.3	12.6	13.7	13.3	12.4	165
170				12.1	12	11.6	13.9	13	12.6	13.5	13.1	12.5	13.3	13.1	12.4	170
175				11.8	11.8	8.6	12.9	12.8	12.6	12.4	12.8	12.5	12.4	12.5	12.3	175
180				11.4	11.7	6.3	11.9	12.6	12.6	11.4	12.5	12.4	11.4	12.2	12.2	180
185				11.1	11.6		10.9	11.9	10.6	10.4	11.7	12.2	10.4	11.7	11.9	185
190				10.8	11.5		10	10.9	7.6	9.5	10.7	11.2	9.5	10.8	11.5	190
195				10.3	10.4		9.2	10	5.8	8.7	9.7	10.2	8.7	9.8	10.5	195
200							8.4	9.1		7.9	8.8	9.1	7.9	9	9.5	200
205							7.7	8.2		7.1	8	7	7.1	8.1	8.6	205
210							7	7.3		6.5	7.2	5.5	6.6	7.3	7.7	210
215								3.8		5.8	6.4		6.4	6.6	6.9	215
220										5.2	5.6		6.2	6.3	6.4	220
225										4.6	4.9		6	6.1	5.2	225
230											3.4		5.8	5.8		230
235													5.6	5.7		235
240													5.4	5.5		240
245													4.1	5.4		245

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Lifting capacities

TNZK

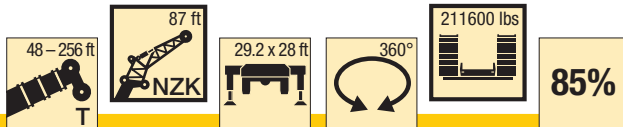


	208 ft			224 ft			240 ft			253 ft			256 ft			
	64 ft			64 ft			64 ft			64 ft			64 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
45	19.2															45
50	19.2			16.4												50
55	19.3			16.4			13.8									55
60	19.2			16.4			13.9			11.9			11.6			60
65	19.1			16.4			13.9			11.9			11.6			65
70	18.9	17.5		16.4			13.9			12			11.7			70
75	18.7	17.2		16.3	15.5		13.9			12			11.7			75
80	18.5	17		16.2	15.4		13.8			11.8			11.6			80
85	18.3	16.7	14.2	16	15.2		13.7	13.2		11.7			11.5			85
90	18.1	16.5	14	15.9	15.1		13.6	13.2		11.6	11.2		11.4	10.9		90
95	17.9	16.2	13.8	15.7	14.9	13.1	13.5	13.1		11.5	11.2		11.3	10.9		95
100	17.7	15.9	13.6	15.6	14.8	13	13.3	12.9	12.1	11.4	11.1		11.2	10.8		100
105	17.4	15.7	13.4	15.4	14.6	12.9	13.2	12.6	12	11.2	10.9	10.5	11.1	10.7	10.4	105
110	17.2	15.4	13.2	15.2	14.4	12.7	13	12.2	11.7	11.1	10.6	10.2	10.9	10.5	10.2	110
115	17	15.2	13.1	15	14.2	12.6	12.8	11.9	11.4	10.9	10.3	10	10.7	10.2	9.9	115
120	16.8	14.9	13	14.8	14	12.5	12.5	11.6	11.2	10.7	10.1	9.7	10.6	10	9.7	120
125	16.6	14.7	12.8	14.6	13.8	12.4	12.2	11.3	10.9	10.5	9.8	9.5	10.4	9.7	9.4	125
130	16.3	14.4	12.7	14.3	13.6	12.3	11.8	11	10.6	10.2	9.6	9.3	10.1	9.5	9.2	130
135	16.1	14.2	12.6	14	13.4	12.2	11.5	10.7	10.4	9.9	9.3	9	9.8	9.2	9	135
140	15.9	14	12.5	13.7	13.2	12.2	11.2	10.5	10.1	9.6	9.1	8.8	9.5	9	8.8	140
145	15.6	13.8	12.4	13.2	12.9	12.1	10.9	10.2	9.9	9.3	8.9	8.6	9.2	8.8	8.6	145
150	15.2	13.6	12.4	12.8	12.6	12	10.6	9.9	9.7	9	8.6	8.4	8.9	8.6	8.4	150
155	14.7	13.4	12.3	12.4	12.2	11.9	10.4	9.7	9.5	8.7	8.4	8.2	8.6	8.4	8.2	155
160	13.9	13.1	12.2	12	11.8	11.7	10.1	9.5	9.2	8.4	8.2	8	8.3	8.2	8	160
165	12.9	12.9	12.2	11.6	11.5	11.5	9.8	9.2	9	8.1	8	7.8	8.1	7.9	7.8	165
170	11.8	12.7	12.1	11.2	11.1	11.2	9.5	9	8.9	7.8	7.8	7.7	7.8	7.7	7.7	170
175	10.8	12.5	12.1	10.6	10.8	10.9	9.2	8.8	8.7	7.5	7.5	7.5	7.5	7.5	7.5	175
180	10.4	11.4	12	10	10.5	10.6	9	8.6	8.5	7.2	7.3	7.3	7.2	7.3	7.3	180
185	10	10.4	11.4	9.1	10.1	10.3	8.7	8.4	8.3	7	7.1	7.2	7	7.1	7.1	185
190	9.6	9.7	10.4	8.3	9.6	10	8.3	8.2	8.2	6.8	6.9	7	6.8	6.9	7	190
195	9	9.3	9.5	8	8.9	9.5	7.7	8	8	6.6	6.7	6.8	6.6	6.7	6.8	195
200	8.2	9	9.2	7.8	8.1	8.9	7.1	7.9	7.9	6.4	6.5	6.6	6.3	6.5	6.6	200
205	7.4	8.5	8.9	7.5	7.5	8	6.4	7.5	7.7	6	6.3	6.4	5.8	6.3	6.4	205
210	6.9	7.7	8.3	7.1	7.3	7.4	5.7	6.9	7.5	5.5	6.1	6.2	5.2	6.1	6.2	210
215	6.7	7	7.5	6.5	7.1	7.2	5.1	6.3	7	4.9	5.8	6	4.6	5.7	6	215
220	6.5	6.6	6.7	5.9	6.8	7	4.4	5.6	6.3	4.3	5.4	5.8	4	5.1	5.9	220
225	6.2	6.4	6.5	5.3	6.2	6.7	3.8	4.9	5.5	3.7	4.8	5.4	3.5	4.5	5.2	225
230	5.8	6.2	6.3	4.7	5.5	5.9	3.2	4.2	4.8	3.2	4.2	4.8	2.9	4	4.6	230
235	5.2	5.8	6	4.1	4.9	5.2	2.6	3.6	4.1	2.6	3.6	4.2	2.3	3.4	4	235
240	4.7	5.2	5	3.6	4.3	4.6		3	3.5		3.1	3.6		2.9	3.4	240
245	4.2	4.7		3.1	3.7	3.9		2.4	2.8		2.4	3		2.2	2.8	245
250	3.7	4.1		2.6	3.2	3.3						2.3				250
255	3.3	3.6		2.1	2.6											255
260		3			2.1											260

t_240_002_06202_00_000

Lifting capacities

TNZK

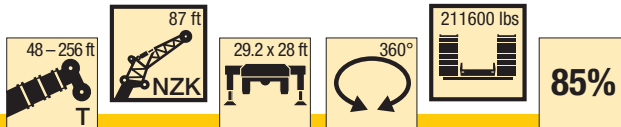


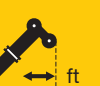
 ft	48 ft			144 ft			160 ft			176 ft			192 ft			 ft
	87 ft			87 ft			87 ft			87 ft			87 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	19.4															14
15	19.4															15
16	19.4															16
17	19.4															17
18	19.4															18
19	19.5															19
20	19.4															20
22	19.3															22
24	19.1															24
26	18.9															26
28	18.5															28
30	18.2															30
32	17.8			19.4												32
34	17.5			19.4			18									34
36	17.1			19.5			18.1									36
38	16.8			19.5			18.1			16.5						38
40	16.4			19.4			18.1			16.6						40
45	15.6	13.5		19.2			18.1			16.6			14.9			45
50	14.8	12.7		18.8			17.8			16.5			15			50
55	14	11.9		18.3			17.5			16.4			14.9			55
60	13.1	11.2		17.8			17			16.1			14.7			60
65	12.4	10.6	8.9	17.2	13.4		16.6	13.1		15.7			14.5			65
70	11.6	10	8.5	16.7	12.9		16.2	12.7		15.4	12.4		14.3			70
75	10.9	9.5	8.1	16.2	12.4		15.8	12.3		15	12		14	11.6		75
80	10.3	9	7.8	15.7	12		15.3	11.9		14.7	11.7		13.7	11.3		80
85	9.7	8.5	7.5	15.2	11.5	8.7	14.9	11.5		14.3	11.3		13.4	11		85
90	9.1	8.2	7.3	14.8	11.1	8.5	14.5	11.1	8.5	14	11	8.4	13.2	10.7		90
95	8.6	7.8	7.1	14.3	10.8	8.3	14.1	10.8	8.3	13.6	10.7	8.2	12.9	10.4	8	95
100	8.2	7.5	6.9	13.8	10.5	8.1	13.7	10.5	8.1	13.3	10.4	8	12.6	10.1	7.9	100
105	7.8	7.3	6.8	13.3	10.1	8	13.3	10.2	7.9	13	10.1	7.9	12.3	9.8	7.8	105
110	7.3	7	6.8	12.9	9.8	7.8	12.9	9.9	7.8	12.6	9.8	7.7	12.1	9.6	7.6	110
115	7	6.9	6.8	12.4	9.5	7.6	12.5	9.6	7.6	12.3	9.6	7.6	11.8	9.3	7.5	115
120	6.7	6.8	6.8	12	9.3	7.5	12.1	9.3	7.5	12	9.3	7.5	11.5	9.1	7.4	120
125	6.5	6.8		11.5	9	7.4	11.7	9.1	7.4	11.6	9	7.3	11.3	8.9	7.3	125
130				11.1	8.8	7.3	11.4	8.8	7.3	11.3	8.8	7.2	11	8.7	7.2	130
135				10.7	8.5	7.2	11	8.6	7.2	11	8.6	7.1	10.7	8.5	7.1	135
140				10.3	8.3	7.1	10.6	8.4	7.1	10.7	8.4	7	10.4	8.3	7	140
145				10	8.1	7	10.2	8.2	7	10.4	8.2	7	10.2	8.2	6.9	145
150				9.6	7.9	6.9	9.9	8	6.9	10.1	8.1	6.9	9.9	8	6.8	150
155				9.3	7.8	6.9	9.6	7.9	6.9	9.8	7.9	6.8	9.7	7.8	6.8	155
160				9	7.6	6.8	9.3	7.7	6.8	9.5	7.7	6.8	9.4	7.7	6.7	160
165				8.8	7.4	6.8	9	7.6	6.8	9.2	7.6	6.7	9.2	7.5	6.7	165
170				8.5	7.3	6.8	8.8	7.4	6.8	9	7.4	6.7	8.9	7.4	6.6	170
175				8.2	7.2	6.8	8.5	7.3	6.7	8.7	7.3	6.7	8.7	7.3	6.6	175
180				7.9	7.1	6.8	8.3	7.2	6.7	8.5	7.2	6.6	8.5	7.2	6.6	180
185				7.7	7	6.8	8.1	7.1	6.7	8.2	7.1	6.6	8.3	7.1	6.6	185
190				7.5	6.9	6.8	7.9	7	6.7	8	7	6.6	8.1	7	6.5	190
195				7.2	6.9	6.8	7.6	6.9	6.7	7.9	6.9	6.6	7.9	6.9	6.5	195
200				7	6.8	6.8	7.4	6.8	6.7	7.7	6.9	6.6	7.7	6.8	6.5	200
205				6.9	6.8	5.4	7.3	6.8	6.7	7.5	6.8	6.6	7.6	6.8	6.5	205
210				6.7	6.8		7.1	6.8	6.7	7.4	6.7	6.6	7.5	6.7	6.5	210
215				6.6	6.8		6.9	6.8	6.5	7.2	6.7	6.6	7.3	6.7	6.5	215
220				6.1	6.8		6.8	6.8	5.1	7.1	6.7	6.6	7.2	6.6	6.5	220
225							6.6	6.8		6.9	6.7	6.6	7.1	6.6	6.5	225
230							6.5	6.8		6.8	6.6	6.2	6.9	6.6	6.5	230
235							4.4	6.6		6.6	6.6		6.8	6.6	6.5	235
240										6.6	6.6		6.7	6.6	6.5	240
245										5.7	6.6		6.6	6.6	5.9	245
250										2.8	5.1		6.5	6.5		250
255													6.2	6.4		255
260													4.4	6.2		260
265													3.9	4		265

t_240_002_56401_00_000

Lifting capacities

TNZK

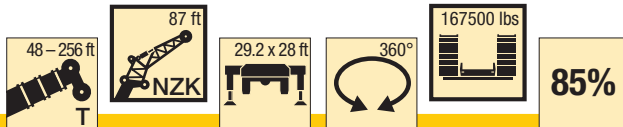


	208 ft			224 ft			240 ft			253 ft			256 ft			
	87 ft			87 ft			87 ft			87 ft			87 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
50	13.1															50
55	13.1			11.2												55
60	13.1			11.3			9.4									60
65	13			11.3			9.5			7.8			7.5			65
70	12.9			11.2			9.5			8.1			7.8			70
75	12.7			11.1			9.5			8.2			7.9			75
80	12.5	10.6		11			9.5			8.2			7.9			80
85	12.3	10.4		10.9			9.4			8.1			7.9			85
90	12.1	10.1		10.8	9.4		9.3			8			7.8			90
95	11.9	9.9		10.6	9.2		9.2	8.4		7.9			7.7			95
100	11.7	9.7		10.5	9		9.1	8.3		7.8	7.4		7.7			100
105	11.4	9.4	7.6	10.3	8.8		9	8.1		7.8	7.3		7.6	7.3		105
110	11.2	9.2	7.4	10.2	8.7	7.1	8.9	8		7.7	7.3		7.6	7.3		110
115	11	9	7.3	10	8.5	7.1	8.8	7.9	6.7	7.7	7.3		7.5	7.2		115
120	10.8	8.8	7.2	9.9	8.4	7	8.7	7.7	6.7	7.6	7.2		7.5	7.1		120
125	10.6	8.6	7.1	9.7	8.2	6.9	8.6	7.6	6.7	7.6	7.1	6.4	7.5	7	6.4	125
130	10.4	8.5	7	9.6	8	6.8	8.5	7.5	6.6	7.6	7	6.4	7.4	6.9	6.3	130
135	10.2	8.3	7	9.4	7.9	6.8	8.4	7.4	6.5	7.5	6.9	6.3	7.4	6.9	6.3	135
140	10	8.1	6.9	9.3	7.8	6.7	8.3	7.3	6.5	7.4	6.8	6.3	7.2	6.8	6.2	140
145	9.8	8	6.8	9.1	7.6	6.7	8.2	7.2	6.4	7.2	6.8	6.2	7.1	6.7	6.2	145
150	9.5	7.8	6.7	9	7.5	6.6	8.1	7.1	6.4	7.1	6.7	6.2	7	6.6	6.2	150
155	9.3	7.7	6.7	8.8	7.4	6.5	8	7	6.4	6.9	6.6	6.1	6.9	6.5	6.1	155
160	9.1	7.5	6.6	8.6	7.3	6.5	7.8	6.9	6.3	6.8	6.4	6.1	6.7	6.4	6.1	160
165	8.9	7.4	6.6	8.5	7.2	6.5	7.6	6.8	6.3	6.7	6.3	6	6.6	6.3	6	165
170	8.7	7.3	6.5	8.3	7.1	6.4	7.4	6.7	6.2	6.5	6.2	6	6.4	6.1	5.9	170
175	8.5	7.2	6.5	8.1	7	6.4	7.3	6.7	6.2	6.3	6	5.9	6.3	6	5.9	175
180	8.3	7.1	6.5	8	6.9	6.4	7.1	6.6	6.2	6.1	5.9	5.8	6.1	5.9	5.8	180
185	8.1	7	6.4	7.8	6.8	6.3	6.9	6.5	6.2	6	5.7	5.7	5.9	5.7	5.7	185
190	8	6.9	6.4	7.7	6.7	6.3	6.8	6.4	6.2	5.8	5.6	5.6	5.7	5.6	5.5	190
195	7.8	6.8	6.4	7.5	6.7	6.3	6.6	6.3	6.1	5.6	5.5	5.5	5.5	5.5	5.4	195
200	7.7	6.7	6.4	7.4	6.6	6.3	6.5	6.2	6.1	5.4	5.4	5.4	5.3	5.4	5.3	200
205	7.5	6.7	6.4	7.2	6.5	6.3	6.3	6	6	5.2	5.3	5.3	5.2	5.3	5.2	205
210	7.4	6.6	6.4	7.1	6.5	6.3	6.2	5.9	5.9	5	5.1	5.2	5	5.1	5.2	210
215	7.2	6.6	6.4	6.9	6.5	6.3	6.1	5.8	5.8	4.8	5	5.1	4.8	5	5.1	215
220	7.1	6.5	6.4	6.8	6.4	6.3	5.9	5.7	5.7	4.6	4.8	5	4.6	4.8	4.9	220
225	6.9	6.5	6.4	6.6	6.4	6.3	5.8	5.6	5.6	4.5	4.7	4.8	4.5	4.7	4.8	225
230	6.8	6.5	6.4	6.5	6.3	6.3	5.6	5.5	5.6	4.3	4.5	4.7	4.3	4.5	4.7	230
235	6.7	6.4	6.4	6.3	6.2	6.3	5.4	5.4	5.5	4.1	4.3	4.6	4.1	4.3	4.6	235
240	6.4	6.4	6.4	6	6.1	6.3	5.3	5.3	5.4	3.9	4.2	4.4	3.8	4.1	4.4	240
245	6	6.3	6.4	5.8	6	6.2	5.1	5.2	5.3	3.8	4	4.3	3.6	4	4.3	245
250	5.6	6.1	6.4	5.5	5.8	6.1	4.9	5	5.2	3.6	3.9	4.1	3.3	3.8	4.1	250
255	5.4	5.8	6	5.1	5.6	5.8	4.7	4.9	5.1	3.5	3.7	3.9	3	3.6	3.9	255
260	5.2	5.4	5.5	4.6	5.4	5.5	4.5	4.8	4.9	3.3	3.6	3.8	2.8	3.3	3.7	260
265	5.1	5.2		4.4	5	5.2	4.2	4.6	4.8	3.1	3.4	3.6		3.1	3.3	265
270	4.9	5		4.2	4.4	4.6	3.9	4.5	4.6		3.2	3.4		2.8	3	270
275	3.7	4.8		4.1	4.2	4.4	3.4	4.2	4.4		3	3.2		2.5	2.7	275
280		3.6		4	4.1		2.8	3.8	4		2.8	3			2.3	280
285				3.8	3.9			3.3	3.4			2.6				285
290				2.3	3.8			2.4	2.5							290

t_240_002_56401_00_000

Lifting capacities

TNZK

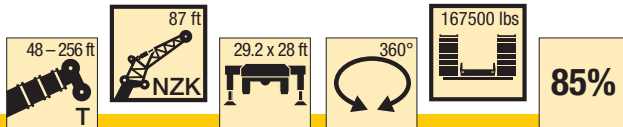


 ft	48 ft			144 ft			160 ft			176 ft			192 ft			 ft
	87 ft			87 ft			87 ft			87 ft			87 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	19.4															14
15	19.4															15
16	19.4															16
17	19.4															17
18	19.4															18
19	19.5															19
20	19.4															20
22	19.3															22
24	19.1															24
26	18.9															26
28	18.5															28
30	18.2															30
32	17.8			19.4												32
34	17.5			19.4			18									34
36	17.1			19.5			18.1									36
38	16.8			19.5			18.1			16.5						38
40	16.4			19.4			18.1			16.6						40
45	15.6	13.5		19.2			18.1			16.6			14.9			45
50	14.8	12.7		18.8			17.8			16.5			15			50
55	14	11.9		18.3			17.5			16.4			14.9			55
60	13.1	11.2		17.8			17			16.1			14.7			60
65	12.4	10.6	8.9	17.2	13.4		16.6	13.1		15.7			14.5			65
70	11.6	10	8.5	16.7	12.9		16.2	12.7		15.4	12.4		14.3			70
75	10.9	9.5	8.1	16.2	12.4		15.8	12.3		15	12		14	11.6		75
80	10.3	9	7.8	15.7	12		15.3	11.9		14.7	11.7		13.7	11.3		80
85	9.7	8.5	7.5	15.2	11.5	8.7	14.9	11.5		14.3	11.3		13.4	11		85
90	9.1	8.2	7.3	14.8	11.1	8.5	14.5	11.1	8.5	14	11	8.4	13.2	10.7		90
95	8.6	7.8	7.1	14.3	10.8	8.3	14.1	10.8	8.3	13.6	10.7	8.2	12.9	10.4	8	95
100	8.2	7.5	6.9	13.8	10.5	8.1	13.7	10.5	8.1	13.3	10.4	8	12.6	10.1	7.9	100
105	7.8	7.3	6.8	13.3	10.1	8	13.3	10.2	7.9	13	10.1	7.9	12.3	9.8	7.8	105
110	7.3	7	6.8	12.9	9.8	7.8	12.9	9.9	7.8	12.6	9.8	7.7	12.1	9.6	7.6	110
115	7	6.9	6.8	12.4	9.5	7.6	12.5	9.6	7.6	12.3	9.6	7.6	11.8	9.3	7.5	115
120	6.7	6.8	6.8	12	9.3	7.5	12.1	9.3	7.5	12	9.3	7.5	11.5	9.1	7.4	120
125	6.5	6.8		11.5	9	7.4	11.7	9.1	7.4	11.6	9	7.3	11.3	8.9	7.3	125
130				11.1	8.8	7.3	11.4	8.8	7.3	11.3	8.8	7.2	11	8.7	7.2	130
135				10.7	8.5	7.2	11	8.6	7.2	11	8.6	7.1	10.7	8.5	7.1	135
140				10.3	8.3	7.1	10.6	8.4	7.1	10.7	8.4	7	10.4	8.3	7	140
145				10	8.1	7	10.2	8.2	7	10.4	8.2	7	10.2	8.2	6.9	145
150				9.6	7.9	6.9	9.9	8	6.9	10.1	8.1	6.9	9.9	8	6.8	150
155				9.3	7.8	6.9	9.6	7.9	6.9	9.8	7.9	6.8	9.7	7.8	6.8	155
160				9	7.6	6.8	9.3	7.7	6.8	9.5	7.7	6.8	9.4	7.7	6.7	160
165				8.8	7.4	6.8	9	7.6	6.8	9.2	7.6	6.7	9.2	7.5	6.7	165
170				8.5	7.3	6.8	8.8	7.4	6.8	9	7.4	6.7	8.9	7.4	6.6	170
175				8.2	7.2	6.8	8.5	7.3	6.7	8.7	7.3	6.7	8.7	7.3	6.6	175
180				7.9	7.1	6.8	8.3	7.2	6.7	8.5	7.2	6.6	8.5	7.2	6.6	180
185				7.7	7	6.8	8.1	7.1	6.7	8.2	7.1	6.6	8.3	7.1	6.6	185
190				7.5	6.9	6.8	7.9	7	6.7	8	7	6.6	8.1	7	6.5	190
195				7.2	6.9	6.8	7.6	6.9	6.7	7.9	6.9	6.6	7.8	6.9	6.5	195
200				7	6.8	6.8	7.4	6.8	6.7	7.7	6.9	6.6	7.6	6.8	6.5	200
205				6.9	6.8	5.4	7.3	6.8	6.7	7.5	6.8	6.6	7.5	6.8	6.5	205
210				6.7	6.8		7.1	6.8	6.7	7.2	6.7	6.6	7	6.7	6.5	210
215				6.6	6.8		6.9	6.8	6.5	6.6	6.7	6.6	6.4	6.6	6.5	215
220				6.1	6.8		6.5	6.8	5.1	5.9	6.6	6.6	5.8	6.6	6.5	220
225							5.9	6.6		5.3	6.3	6.5	5.2	6.3	6.5	225
230							5.3	5.8		4.7	5.6	5.8	5	5.7	6.2	230
235							4.4	5.1		4.2	4.9		4.8	5	5.4	235
240										3.7	4.3		4.6	4.8	4.9	240
245										3.2	3.6		4.5	4.6	4.7	245
250										2.7	3		4.3	4.4		250
255													4.1	4.2		255
260													4	4.1		260
265													3.9	4		265

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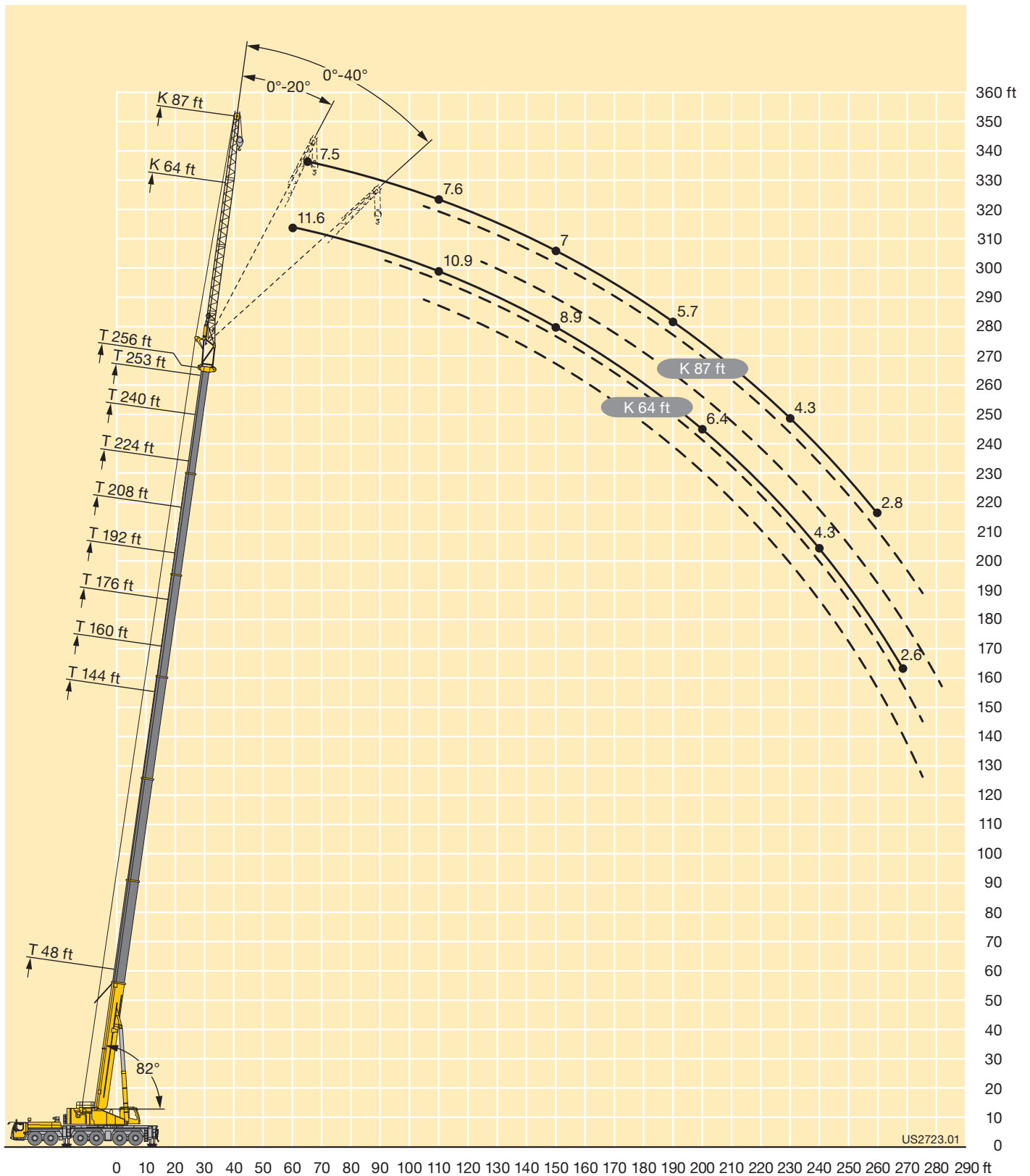
Lifting capacities

TNZK



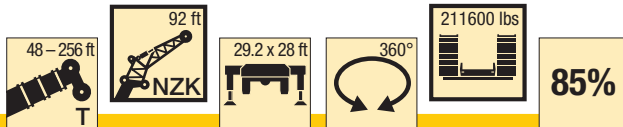
 ft	208 ft			224 ft			240 ft			253 ft			256 ft			 ft
	87 ft			87 ft			87 ft			87 ft			87 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
50	13.1															50
55	13.1			11.2												55
60	13.1			11.3			9.4									60
65	13			11.3			9.5			7.8			7.5			65
70	12.9			11.2			9.5			8.1			7.8			70
75	12.7			11.1			9.5			8.2			7.9			75
80	12.5	10.6		11			9.5			8.2			7.9			80
85	12.3	10.4		10.9			9.4			8.1			7.9			85
90	12.1	10.1		10.8	9.4		9.3			8			7.8			90
95	11.9	9.9		10.6	9.2		9.2	8.4		7.9			7.7			95
100	11.7	9.7		10.5	9		9.1	8.3		7.8	7.4		7.7			100
105	11.4	9.4	7.6	10.3	8.8		9	8.1		7.8	7.3		7.6	7.3		105
110	11.2	9.2	7.4	10.2	8.7	7.1	8.9	8		7.7	7.3		7.6	7.3		110
115	11	9	7.3	10	8.5	7.1	8.8	7.9	6.7	7.7	7.3		7.5	7.2		115
120	10.8	8.8	7.2	9.9	8.4	7	8.7	7.7	6.7	7.6	7.2		7.5	7.1		120
125	10.6	8.6	7.1	9.7	8.2	6.9	8.6	7.6	6.7	7.6	7.1	6.4	7.5	7	6.4	125
130	10.4	8.5	7	9.6	8	6.8	8.5	7.5	6.6	7.6	7	6.4	7.4	6.9	6.3	130
135	10.2	8.3	7	9.4	7.9	6.8	8.4	7.4	6.5	7.5	6.9	6.3	7.4	6.9	6.3	135
140	10	8.1	6.9	9.3	7.8	6.7	8.3	7.3	6.5	7.4	6.8	6.3	7.2	6.8	6.2	140
145	9.8	8	6.8	9.1	7.6	6.7	8.2	7.2	6.4	7.2	6.8	6.2	7.1	6.7	6.2	145
150	9.5	7.8	6.7	9	7.5	6.6	8.1	7.1	6.4	7.1	6.7	6.2	7	6.6	6.2	150
155	9.3	7.7	6.7	8.8	7.4	6.5	8	7	6.4	6.9	6.6	6.1	6.9	6.5	6.1	155
160	9.1	7.5	6.6	8.6	7.3	6.5	7.8	6.9	6.3	6.8	6.4	6.1	6.7	6.4	6.1	160
165	8.9	7.4	6.6	8.5	7.2	6.5	7.6	6.8	6.3	6.7	6.3	6	6.6	6.3	6	165
170	8.7	7.3	6.5	8.3	7.1	6.4	7.4	6.7	6.2	6.5	6.2	6	6.4	6.1	5.9	170
175	8.5	7.2	6.5	8.1	7	6.4	7.3	6.7	6.2	6.3	6	5.9	6.3	6	5.9	175
180	8.3	7.1	6.5	8	6.9	6.4	7.1	6.6	6.2	6.1	5.9	5.8	6.1	5.9	5.8	180
185	8.1	7	6.4	7.8	6.8	6.3	6.9	6.5	6.2	6	5.7	5.7	5.9	5.7	5.7	185
190	8	6.9	6.4	7.7	6.7	6.3	6.8	6.4	6.2	5.8	5.6	5.6	5.7	5.6	5.5	190
195	7.6	6.8	6.4	7.4	6.7	6.3	6.6	6.3	6.1	5.6	5.5	5.5	5.5	5.5	5.4	195
200	7.4	6.7	6.4	7	6.6	6.3	6.5	6.2	6.1	5.4	5.4	5.4	5.3	5.4	5.3	200
205	7.3	6.7	6.4	6.4	6.5	6.3	6.2	6	6	5.2	5.3	5.3	5.2	5.3	5.2	205
210	7	6.6	6.4	6.1	6.5	6.3	5.8	5.9	5.9	5	5.1	5.2	4.9	5.1	5.2	210
215	6.6	6.6	6.4	6	6.3	6.3	5.3	5.8	5.8	4.7	5	5.1	4.6	5	5.1	215
220	5.9	6.5	6.4	5.8	6	6.3	4.7	5.7	5.7	4.3	4.8	5	4.1	4.8	4.9	220
225	5.4	6.3	6.4	5.6	5.6	6.1	4.2	5.4	5.6	3.8	4.7	4.8	3.5	4.6	4.8	225
230	5.3	6	6.4	5.1	5.5	5.6	3.6	5	5.6	3.3	4.5	4.7	3	4.3	4.7	230
235	5.1	5.3	5.9	4.5	5.3	5.5	3.1	4.5	5.3	2.8	4.1	4.6	2.4	3.9	4.6	235
240	4.9	5	5.2	4	5.2	5.4	2.5	3.9	4.8	2.2	3.6	4.4		3.4	4.2	240
245	4.6	4.9	5	3.5	4.6	5.1		3.4	4.1		3.1	4		2.9	3.8	245
250	4.1	4.7	4.8	3	4	4.5		2.8	3.5		2.6	3.4		2.3	3.2	250
255	3.6	4.4	4.6	2.5	3.5	3.9		2.1	2.9			2.9			2.7	255
260	3.2	3.9	4		3	3.3			2.2			2.3				260
265	2.8	3.4			2.4	2.7										265
270	2.4	2.8				2.1										270
275		2.4														275

t_240_002_06402_00_000



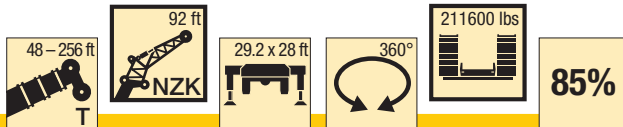
Lifting capacities

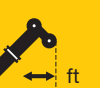
TNZK



	48 ft			144 ft			160 ft			176 ft			192 ft			
	92 ft			92 ft			92 ft			92 ft			92 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
15	15.9															15
16	15.9															16
17	15.9															17
18	15.9															18
19	15.9															19
20	16															20
22	15.9															22
24	15.9															24
26	15.8															26
28	15.6															28
30	15.4															30
32	15.2			15.4												32
34	15			15.8												34
36	14.8			15.9			14.9									36
38	14.5			16			15.1									38
40	14.3			15.9			15.2			14.1						40
45	13.7			15.9			15.2			14.2			12.9			45
50	13.1	11.6		15.7			15			14.2			13			50
55	12.5	10.9		15.4			14.8			14			13			55
60	11.9	10.3		15.1			14.6			13.8			12.9			60
65	11.2	9.7		14.8	12		14.3			13.6			12.7			65
70	10.6	9.2	7.8	14.4	11.6		14	11.5		13.3			12.5			70
75	10.1	8.8	7.5	14.1	11.2		13.7	11.1		13.1	10.9		12.3			75
80	9.5	8.3	7.2	13.7	10.8		13.4	10.7		12.8	10.5		12.1	10.2		80
85	9	8	7	13.4	10.5		13.1	10.4		12.6	10.2		11.9	9.9		85
90	8.5	7.6	6.8	13	10.1	7.8	12.8	10.1	7.8	12.3	9.9		11.6	9.7		90
95	8.1	7.3	6.7	12.6	9.8	7.6	12.5	9.8	7.6	12.1	9.7	7.5	11.4	9.4		95
100	7.7	7	6.5	12.3	9.5	7.5	12.2	9.5	7.4	11.8	9.4	7.4	11.2	9.2	7.2	100
105	7.3	6.8	6.4	11.9	9.2	7.3	11.9	9.3	7.3	11.5	9.1	7.2	11	8.9	7.1	105
110	7	6.6	6.3	11.5	9	7.2	11.5	9	7.2	11.3	8.9	7.1	10.8	8.7	7	110
115	6.7	6.5	6.3	11.2	8.7	7.1	11.2	8.8	7.1	11	8.7	7	10.6	8.5	6.9	115
120	6.5	6.4	6.3	10.8	8.5	7	10.9	8.5	6.9	10.7	8.5	6.9	10.4	8.3	6.8	120
125	6.2	6.3	6.3	10.5	8.2	6.9	10.6	8.3	6.8	10.4	8.3	6.8	10.1	8.1	6.7	125
130	6	6.3		10.1	8	6.8	10.3	8.1	6.7	10.2	8.1	6.7	9.9	8	6.6	130
135				9.8	7.8	6.7	9.9	7.9	6.7	9.9	7.9	6.6	9.7	7.8	6.6	135
140				9.4	7.6	6.6	9.7	7.7	6.6	9.7	7.7	6.6	9.4	7.6	6.5	140
145				9.1	7.4	6.5	9.3	7.5	6.5	9.4	7.5	6.5	9.2	7.5	6.4	145
150				8.8	7.3	6.5	9.1	7.4	6.4	9.1	7.4	6.4	9	7.3	6.4	150
155				8.5	7.2	6.4	8.8	7.2	6.4	8.9	7.3	6.4	8.8	7.2	6.3	155
160				8.3	7	6.4	8.6	7.1	6.3	8.6	7.1	6.3	8.6	7	6.3	160
165				8	6.9	6.3	8.3	7	6.3	8.4	7	6.2	8.4	6.9	6.2	165
170				7.8	6.8	6.3	8.1	6.9	6.3	8.2	6.9	6.2	8.2	6.8	6.1	170
175				7.6	6.7	6.3	7.8	6.7	6.2	8	6.8	6.2	7.9	6.7	6.1	175
180				7.4	6.6	6.3	7.6	6.7	6.2	7.8	6.7	6.1	7.8	6.6	6.1	180
185				7.2	6.5	6.3	7.5	6.6	6.2	7.6	6.6	6.1	7.6	6.6	6.1	185
190				7	6.4	6.3	7.3	6.5	6.2	7.4	6.5	6.1	7.4	6.5	6	190
195				6.8	6.4	6.3	7.1	6.4	6.2	7.2	6.4	6.1	7.3	6.4	6	195
200				6.7	6.3	6.3	7	6.4	6.2	7.1	6.4	6.1	7.1	6.4	6	200
205				6.5	6.3	6.3	6.8	6.3	6.2	7	6.3	6.1	7	6.3	6	205
210				6.4	6.3	5.4	6.7	6.3	6.2	6.8	6.3	6.1	6.9	6.2	6	210
215				6.2	6.3		6.6	6.2	6.2	6.7	6.2	6.1	6.8	6.2	6	215
220				6.1	6.3		6.4	6.2	6.2	6.6	6.2	6.1	6.7	6.1	6	220
225				5.7	6.3		6.3	6.2	5.1	6.5	6.2	6.1	6.6	6.1	6	225
230							6.2	6.2		6.4	6.2	6.1	6.5	6.1	6	230
235							6.1	6.2		6.3	6.2	6	6.4	6.1	6	235
240							4.1	6.2		6.2	6.2		6.3	6.1	6	240
245										6.1	6.2		6.2	6.1	6	245
250										5.4	6.2		6.1	6.1	5.7	250
255										2.6	4.9		6	6		255
260													5.9	6		260
265													4.1	6		265
270													3.8	3.9		270

t_240_002_56501_00_000

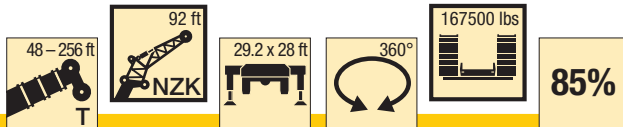


	208 ft			224 ft			240 ft			253 ft			256 ft			
	92 ft			92 ft			92 ft			92 ft			92 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
50	11.5															50
55	11.5			9.9												55
60	11.5			10.1			8.2									60
65	11.5			10.2			8.5			6.9						65
70	11.4			10.1			8.7			7.2			6.9			70
75	11.2			10			8.7			7.4			7.2			75
80	11.1			9.9			8.6			7.5			7.3			80
85	10.9	9.4		9.8			8.5			7.5			7.4			85
90	10.7	9.2		9.7	8.5		8.4			7.5			7.3			90
95	10.6	9		9.6	8.4		8.4			7.4			7.3			95
100	10.4	8.8		9.4	8.2		8.3	7.5		7.4			7.3			100
105	10.3	8.6		9.3	8.1		8.2	7.4		7.3	6.9		7.2	6.8		105
110	10.1	8.4	6.9	9.2	7.9		8.1	7.3		7.3	6.8		7.2	6.8		110
115	9.9	8.2	6.8	9.1	7.7	6.6	8	7.2		7.2	6.8		7.1	6.7		115
120	9.7	8	6.7	8.9	7.6	6.5	7.9	7.1	6.2	7.2	6.7		7	6.6		120
125	9.6	7.9	6.6	8.8	7.5	6.4	7.8	7	6.2	7.1	6.6		7	6.5		125
130	9.4	7.7	6.5	8.7	7.3	6.3	7.7	6.9	6.1	7	6.5	5.9	6.9	6.5	5.8	130
135	9.2	7.6	6.4	8.6	7.2	6.3	7.7	6.8	6.1	7	6.4	5.9	6.9	6.4	5.8	135
140	9	7.4	6.4	8.4	7.1	6.2	7.6	6.7	6	6.9	6.4	5.8	6.8	6.3	5.8	140
145	8.8	7.3	6.3	8.3	7	6.2	7.5	6.6	6	6.8	6.3	5.8	6.7	6.2	5.8	145
150	8.7	7.1	6.3	8.1	6.9	6.1	7.4	6.6	5.9	6.7	6.2	5.7	6.6	6.2	5.7	150
155	8.5	7	6.2	8	6.8	6.1	7.3	6.5	5.9	6.6	6.2	5.7	6.5	6.1	5.7	155
160	8.3	6.9	6.2	7.9	6.7	6	7.2	6.4	5.9	6.5	6.1	5.7	6.4	6.1	5.7	160
165	8.1	6.8	6.1	7.7	6.6	6	7.1	6.3	5.8	6.4	6	5.7	6.4	6	5.6	165
170	7.9	6.7	6.1	7.6	6.5	5.9	7	6.3	5.8	6.3	5.9	5.6	6.2	5.9	5.6	170
175	7.8	6.7	6	7.4	6.4	5.9	6.9	6.2	5.8	6.2	5.8	5.6	6.1	5.8	5.6	175
180	7.6	6.6	6	7.3	6.4	5.9	6.8	6.1	5.7	6	5.7	5.6	6	5.7	5.6	180
185	7.4	6.5	6	7.2	6.3	5.9	6.7	6.1	5.7	5.8	5.6	5.5	5.8	5.6	5.5	185
190	7.3	6.4	5.9	7.1	6.2	5.8	6.6	6	5.7	5.7	5.5	5.4	5.6	5.5	5.4	190
195	7.1	6.3	5.9	7	6.2	5.8	6.5	6	5.7	5.5	5.4	5.3	5.5	5.4	5.3	195
200	7	6.3	5.9	6.8	6.1	5.8	6.3	5.9	5.7	5.3	5.3	5.3	5.3	5.3	5.2	200
205	6.9	6.2	5.9	6.7	6.1	5.8	6.2	5.8	5.7	5.1	5.2	5.2	5.1	5.1	5.2	205
210	6.8	6.2	5.9	6.6	6	5.8	6.1	5.7	5.7	5	5	5.1	4.9	5	5.1	210
215	6.7	6.1	5.9	6.5	6	5.8	5.9	5.6	5.6	4.8	4.9	5	4.8	4.9	5	215
220	6.6	6	5.9	6.5	5.9	5.8	5.8	5.5	5.6	4.6	4.8	4.9	4.6	4.7	4.9	220
225	6.5	6	5.9	6.4	5.9	5.8	5.7	5.5	5.5	4.5	4.6	4.8	4.4	4.6	4.8	225
230	6.4	6	5.9	6.3	5.9	5.8	5.5	5.4	5.4	4.3	4.5	4.7	4.3	4.5	4.7	230
235	6.4	6	5.9	6.2	5.8	5.8	5.4	5.3	5.4	4.1	4.3	4.6	4.1	4.3	4.6	235
240	6.3	5.9	5.9	6	5.8	5.8	5.2	5.2	5.3	4	4.2	4.5	3.9	4.1	4.4	240
245	6.1	5.9	5.9	5.8	5.7	5.8	5.1	5.1	5.2	3.8	4	4.3	3.7	4	4.3	245
250	5.8	5.9	5.9	5.6	5.7	5.8	4.9	5	5.1	3.7	3.9	4.1	3.4	3.8	4.1	250
255	5.4	5.8	5.9	5.3	5.6	5.8	4.7	4.9	5	3.5	3.7	4	3.2	3.6	4	255
260	5.3	5.6	5.8	4.9	5.5	5.7	4.5	4.7	4.9	3.3	3.6	3.8	2.9	3.4	3.8	260
265	5.1	5.2	5.3	4.4	5.2	5.4	4.3	4.6	4.8	3.2	3.4	3.6	2.6	3.2	3.5	265
270	4.9	5.1		4.2	4.8	5	4.1	4.5	4.6	3	3.3	3.5	2.4	3	3.2	270
275	4.7	4.9		4.1	4.2	4.4	3.7	4.3	4.4	2.7	3.1	3.3		2.7	2.9	275
280	3.6	4.7		3.9	4.1	4.2	3.2	4.1	4.2		2.9	3.1		2.4	2.5	280
285		3.5		3.8	4		2.8	3.7	3.8		2.8	3			2.2	285
290				3.6	3.8		2.1	3.1	3.3			2.7				290
295					3.6			2.6	2.7							295

t_240_002_56501_00_000

Lifting capacities

TNZK

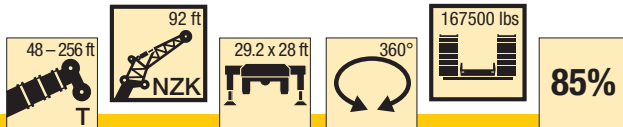


	48 ft			144 ft			160 ft			176 ft			192 ft			
	92 ft			92 ft			92 ft			92 ft			92 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
15	15.9															15
16	15.9															16
17	15.9															17
18	15.9															18
19	15.9															19
20	16															20
22	15.9															22
24	15.9															24
26	15.8															26
28	15.6															28
30	15.4															30
32	15.2			15.4												32
34	15			15.8												34
36	14.8			15.9			14.9									36
38	14.5			16			15.1									38
40	14.3			15.9			15.2			14.1						40
45	13.7			15.9			15.2			14.2			12.9			45
50	13.1	11.6		15.7			15			14.2			13			50
55	12.5	10.9		15.4			14.8			14			13			55
60	11.9	10.3		15.1			14.6			13.8			12.9			60
65	11.2	9.7		14.8	12		14.3			13.6			12.7			65
70	10.6	9.2	7.8	14.4	11.6		14	11.5		13.3			12.5			70
75	10.1	8.8	7.5	14.1	11.2		13.7	11.1		13.1	10.9		12.3			75
80	9.5	8.3	7.2	13.7	10.8		13.4	10.7		12.8	10.5		12.1	10.2		80
85	9	8	7	13.4	10.5		13.1	10.4		12.6	10.2		11.9	9.9		85
90	8.5	7.6	6.8	13	10.1	7.8	12.8	10.1	7.8	12.3	9.9		11.6	9.7		90
95	8.1	7.3	6.7	12.6	9.8	7.6	12.5	9.8	7.6	12.1	9.7	7.5	11.4	9.4		95
100	7.7	7	6.5	12.3	9.5	7.5	12.2	9.5	7.4	11.8	9.4	7.4	11.2	9.2	7.2	100
105	7.3	6.8	6.4	11.9	9.2	7.3	11.9	9.3	7.3	11.5	9.1	7.2	11	8.9	7.1	105
110	7	6.6	6.3	11.5	9	7.2	11.5	9	7.2	11.3	8.9	7.1	10.8	8.7	7	110
115	6.7	6.5	6.3	11.2	8.7	7.1	11.2	8.8	7.1	11	8.7	7	10.6	8.5	6.9	115
120	6.5	6.4	6.3	10.8	8.5	7	10.9	8.5	6.9	10.7	8.5	6.9	10.4	8.3	6.8	120
125	6.2	6.3	6.3	10.5	8.2	6.9	10.6	8.3	6.8	10.4	8.3	6.8	10.1	8.1	6.7	125
130	6	6.3		10.1	8	6.8	10.3	8.1	6.7	10.2	8.1	6.7	9.9	8	6.6	130
135				9.8	7.8	6.7	9.9	7.9	6.7	9.9	7.9	6.6	9.7	7.8	6.6	135
140				9.4	7.6	6.6	9.7	7.7	6.6	9.7	7.7	6.6	9.4	7.6	6.5	140
145				9.1	7.4	6.5	9.3	7.5	6.5	9.4	7.5	6.5	9.2	7.5	6.4	145
150				8.8	7.3	6.5	9.1	7.4	6.4	9.1	7.4	6.4	9	7.3	6.4	150
155				8.5	7.2	6.4	8.8	7.2	6.4	8.9	7.3	6.4	8.8	7.2	6.3	155
160				8.3	7	6.4	8.6	7.1	6.3	8.6	7.1	6.3	8.6	7	6.3	160
165				8	6.9	6.3	8.3	7	6.3	8.4	7	6.2	8.4	6.9	6.2	165
170				7.8	6.8	6.3	8.1	6.9	6.3	8.2	6.9	6.2	8.2	6.8	6.1	170
175				7.6	6.7	6.3	7.8	6.7	6.2	8	6.8	6.2	7.9	6.7	6.1	175
180				7.4	6.6	6.3	7.6	6.7	6.2	7.8	6.7	6.1	7.8	6.6	6.1	180
185				7.2	6.5	6.3	7.5	6.6	6.2	7.6	6.6	6.1	7.6	6.6	6.1	185
190				7	6.4	6.3	7.3	6.5	6.2	7.4	6.5	6.1	7.4	6.5	6	190
195				6.8	6.4	6.3	7.1	6.4	6.2	7.2	6.4	6.1	7.3	6.4	6	195
200				6.7	6.3	6.3	7	6.4	6.2	7.1	6.4	6.1	7.1	6.4	6	200
205				6.5	6.3	6.3	6.8	6.3	6.2	7	6.3	6.1	6.9	6.3	6	205
210				6.4	6.3	5.4	6.7	6.3	6.2	6.8	6.3	6.1	6.8	6.2	6	210
215				6.2	6.3		6.6	6.2	6.2	6.7	6.2	6.1	6.6	6.2	6	215
220				6.1	6.3		6.4	6.2	6.2	6.3	6.2	6.1	6.1	6.1	6	220
225				5.7	6.3		6.2	6.2	5.1	5.7	6.1	6.1	5.5	6.1	6	225
230							5.7	6.2		5.1	6	6.1	5	6	6	230
235							5.2	5.7		4.5	5.4	5.6	4.9	5.5	5.9	235
240							4.1	4.9		4	4.8		4.7	4.8	5.2	240
245										3.5	4.1		4.5	4.6	4.7	245
250										3	3.5		4.3	4.4	4.6	250
255										2.6	2.9		4.2	4.3		255
260													4	4.1		260
265													3.9	4		265
270													3.8	3.9		270

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Lifting capacities

TNZK

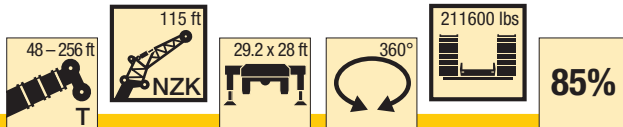


	208 ft			224 ft			240 ft			253 ft			256 ft			
	92 ft			92 ft			92 ft			92 ft			92 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
50	11.5															50
55	11.5			9.9												55
60	11.5			10.1			8.2									60
65	11.5			10.2			8.5			6.9						65
70	11.4			10.1			8.7			7.2			6.9			70
75	11.2			10			8.7			7.4			7.1			75
80	11.1			9.9			8.6			7.5			7.3			80
85	10.9	9.4		9.8			8.5			7.5			7.3			85
90	10.7	9.2		9.7	8.5		8.4			7.5			7.3			90
95	10.6	9		9.6	8.4		8.4			7.4			7.3			95
100	10.4	8.8		9.4	8.2		8.3	7.5		7.4			7.3			100
105	10.3	8.6		9.3	8.1		8.2	7.4		7.3	6.9		7.2	6.8		105
110	10.1	8.4	6.9	9.2	7.9		8.1	7.3		7.3	6.8		7.1	6.8		110
115	9.9	8.2	6.8	9.1	7.7	6.6	8	7.2		7.2	6.8		7.1	6.7		115
120	9.7	8	6.7	8.9	7.6	6.5	7.9	7.1	6.2	7.2	6.7		7	6.6		120
125	9.6	7.9	6.6	8.8	7.5	6.4	7.8	7	6.2	7.1	6.6		7	6.5		125
130	9.4	7.7	6.5	8.7	7.3	6.3	7.7	6.9	6.1	7	6.5	5.9	6.9	6.4	5.8	130
135	9.2	7.6	6.4	8.6	7.2	6.3	7.7	6.8	6.1	7	6.4	5.9	6.9	6.4	5.8	135
140	9	7.4	6.4	8.4	7.1	6.2	7.6	6.7	6	6.9	6.4	5.8	6.8	6.3	5.8	140
145	8.8	7.3	6.3	8.3	7	6.2	7.5	6.6	6	6.8	6.3	5.8	6.7	6.2	5.8	145
150	8.7	7.1	6.3	8.1	6.9	6.1	7.4	6.5	5.9	6.7	6.2	5.7	6.6	6.2	5.7	150
155	8.5	7	6.2	8	6.8	6.1	7.3	6.5	5.9	6.6	6.2	5.7	6.5	6.1	5.7	155
160	8.3	6.9	6.1	7.9	6.7	6	7.2	6.4	5.9	6.5	6.1	5.7	6.4	6.1	5.7	160
165	8.1	6.8	6.1	7.7	6.6	6	7.1	6.3	5.8	6.4	6	5.7	6.4	6	5.6	165
170	7.9	6.7	6.1	7.6	6.5	5.9	7	6.3	5.8	6.3	5.9	5.6	6.2	5.9	5.6	170
175	7.8	6.7	6	7.4	6.4	5.9	6.9	6.2	5.8	6.2	5.8	5.6	6.1	5.8	5.6	175
180	7.6	6.6	6	7.3	6.4	5.9	6.8	6.1	5.7	6	5.7	5.6	6	5.7	5.6	180
185	7.4	6.5	6	7.2	6.3	5.9	6.7	6.1	5.7	5.8	5.6	5.5	5.8	5.6	5.5	185
190	7.3	6.4	5.9	7.1	6.2	5.8	6.6	6	5.7	5.7	5.5	5.4	5.6	5.5	5.4	190
195	7.1	6.3	5.9	7	6.2	5.8	6.5	6	5.7	5.5	5.4	5.3	5.5	5.4	5.3	195
200	7	6.3	5.9	6.8	6.1	5.8	6.3	5.9	5.7	5.3	5.3	5.3	5.3	5.3	5.2	200
205	6.8	6.2	5.9	6.6	6.1	5.8	6.2	5.8	5.7	5.1	5.2	5.2	5.1	5.1	5.2	205
210	6.7	6.2	5.9	6	6	5.8	5.9	5.7	5.7	5	5	5.1	4.9	5	5.1	210
215	6.6	6.1	5.9	5.9	6	5.8	5.5	5.6	5.6	4.8	4.9	5	4.7	4.9	5	215
220	6.2	6	5.9	5.7	5.9	5.8	5	5.5	5.6	4.4	4.8	4.9	4.3	4.7	4.9	220
225	5.6	6	5.9	5.6	5.7	5.8	4.4	5.5	5.5	4	4.6	4.8	3.8	4.6	4.8	225
230	5.3	6	5.9	5.3	5.4	5.7	3.9	5.2	5.4	3.5	4.5	4.7	3.3	4.4	4.7	230
235	5.1	5.7	5.9	4.8	5.2	5.4	3.4	4.8	5.4	3	4.3	4.6	2.8	4.2	4.5	235
240	4.9	5.1	5.8	4.3	5.1	5.3	2.9	4.3	5.1	2.5	3.9	4.5	2.1	3.7	4.4	240
245	4.7	4.9	5.1	3.8	5	5.2	2.2	3.7	4.6		3.5	4.3		3.2	4.1	245
250	4.4	4.7	4.9	3.3	4.4	4.9		3.2	4		3	3.8		2.7	3.7	250
255	3.9	4.5	4.7	2.8	3.9	4.4		2.7	3.4		2.4	3.3		2.2	3.1	255
260	3.5	4.3	4.4	2.3	3.3	3.8			2.8			2.8			2.5	260
265	3.1	3.7	3.8		2.8	3.2			2.1			2.2				265
270	2.6	3.2			2.3	2.6										270
275	2.3	2.7														275
280		2.3														280

t_240_002_06502_00_000

Lifting capacities

TNZK



	48 ft			144 ft			160 ft			176 ft			192 ft			
	115 ft			115 ft			115 ft			115 ft			115 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
19	9.1															19
20	9.1															20
22	9.2															22
24	10.1															24
26	10.8															26
28	11.2															28
30	11.1															30
32	10.9															32
34	10.8															34
36	10.6			9.3												36
38	10.5			9.7												38
40	10.3			10			9.1									40
45	9.9			10.7			9.8			8.7						45
50	9.5			11			10.3			9.2			7.8			50
55	9			10.9			10.4			9.6			8.3			55
60	8.6	7.4		10.7			10.2			9.7			8.7			60
65	8.2	7		10.4			10			9.5			8.8			65
70	7.7	6.6		10.2			9.8			9.4			8.7			70
75	7.2	6.3		9.9			9.6			9.2			8.6			75
80	6.8	6		9.7	7.3		9.4	7.2		9			8.4			80
85	6.5	5.7		9.4	7.1		9.2	7		8.8	6.9		8.2			85
90	6.1	5.5	4.8	9.1	6.9		8.9	6.8		8.6	6.7		8.1	6.4		90
95	5.8	5.2	4.6	8.8	6.6		8.7	6.6		8.4	6.5		7.9	6.3		95
100	5.6	5	4.5	8.6	6.4		8.4	6.4		8.2	6.3		7.7	6.2		100
105	5.3	4.8	4.3	8.3	6.2	4.6	8.2	6.2		7.9	6.1		7.5	6		105
110	5.1	4.6	4.2	8	6.1	4.5	7.9	6	4.5	7.7	6		7.4	5.8		110
115	4.9	4.4	4.1	7.7	5.9	4.5	7.7	5.9	4.5	7.5	5.8	4.4	7.2	5.7		115
120	4.7	4.3	3.9	7.4	5.7	4.4	7.4	5.7	4.4	7.3	5.7	4.3	7	5.6	4.3	120
125	4.5	4.1	3.9	7.1	5.6	4.4	7.2	5.6	4.3	7.1	5.5	4.3	6.8	5.4	4.2	125
130	4.3	4	3.8	6.9	5.4	4.3	6.9	5.4	4.3	6.9	5.4	4.2	6.7	5.3	4.2	130
135	4.2	3.9	3.8	6.6	5.3	4.2	6.7	5.3	4.2	6.7	5.3	4.2	6.5	5.2	4.1	135
140	4	3.8	3.8	6.4	5.1	4.2	6.5	5.2	4.2	6.5	5.1	4.2	6.3	5.1	4.1	140
145	3.9	3.8	3.8	6.2	5	4.2	6.3	5	4.2	6.3	5	4.1	6.2	5	4	145
150	3.8	3.8		6	4.9	4.1	6.1	4.9	4.1	6.1	4.9	4.1	6	4.8	4	150
155	3.7	3.8		5.8	4.8	4.1	5.9	4.8	4	6	4.8	4	5.9	4.7	4	155
160				5.7	4.6	4	5.8	4.7	4	5.8	4.7	4	5.7	4.6	3.9	160
165				5.5	4.6	3.9	5.6	4.6	3.9	5.7	4.6	3.9	5.6	4.6	3.9	165
170				5.3	4.5	3.9	5.5	4.5	3.9	5.5	4.5	3.9	5.5	4.5	3.8	170
175				5.2	4.4	3.9	5.3	4.4	3.8	5.3	4.4	3.8	5.3	4.4	3.8	175
180				5	4.3	3.8	5.2	4.3	3.8	5.2	4.3	3.8	5.2	4.3	3.7	180
185				4.9	4.2	3.8	5	4.2	3.8	5.1	4.3	3.7	5.1	4.2	3.7	185
190				4.8	4.1	3.8	4.9	4.2	3.8	5	4.2	3.7	4.9	4.2	3.7	190
195				4.7	4	3.8	4.8	4.1	3.7	4.9	4.1	3.7	4.8	4.1	3.6	195
200				4.5	4	3.8	4.7	4	3.7	4.7	4	3.7	4.7	4	3.6	200
205				4.4	3.9	3.8	4.6	4	3.7	4.6	4	3.6	4.6	4	3.6	205
210				4.3	3.9	3.8	4.4	3.9	3.7	4.5	3.9	3.6	4.5	3.9	3.6	210
215				4.2	3.8	3.8	4.3	3.9	3.7	4.4	3.9	3.6	4.4	3.8	3.6	215
220				4.1	3.8	3.8	4.2	3.8	3.7	4.3	3.8	3.6	4.3	3.8	3.6	220
225				4	3.8	3.8	4.2	3.8	3.7	4.3	3.8	3.6	4.2	3.8	3.6	225
230				4	3.8	3.8	4.1	3.7	3.7	4.2	3.7	3.6	4.2	3.7	3.6	230
235				3.9	3.8		4	3.7	3.7	4.1	3.7	3.6	4.1	3.7	3.6	235
240				3.8	3.8		3.9	3.7	3.7	4	3.7	3.6	4	3.6	3.6	240
245				3.8	3.8		3.9	3.7		3.9	3.7	3.6	4	3.6	3.6	245
250							3.8	3.7		3.9	3.6	3.6	3.9	3.6	3.6	250
255							3.7	3.7		3.8	3.6	3.6	3.8	3.6	3.6	255
260							3.7	3.7		3.7	3.6		3.8	3.6	3.6	260
265										3.7	3.6		3.7	3.6	3.6	265
270										3.7	3.6		3.7	3.6	3.6	270
275										2.5	3.6		3.6	3.6		275
280													3.6	3.6		280
285													3.3	3.6		285
290													2.4	3.4		290
295														2.5		295

t_240_002_56601_00_000

Lifting capacities

TNZK

48–256 ft

T

115 ft

NZK

29.2 x 28 ft

360°

211600 lbs

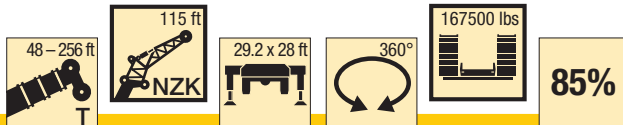
85%

ft	208 ft			224 ft			240 ft			253 ft			256 ft			ft
	115 ft			115 ft			115 ft			115 ft			115 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
55	6.7															55
60	7.1			5.6												60
65	7.5			5.9			4.6									65
70	7.6			6.3			4.8									70
75	7.7			6.5			5.1			4			3.8			75
80	7.6			6.6			5.3			4			3.8			80
85	7.5			6.6			5.4			4.1			3.8			85
90	7.3			6.6			5.5			4.2			3.8			90
95	7.2			6.6			5.6			4.3			3.8			95
100	7.1	5.9		6.5			5.6			4.3			3.9			100
105	7	5.8		6.4	5.4		5.6			4.3			3.9			105
110	6.8	5.6		6.3	5.3		5.6			4.3			3.9			110
115	6.7	5.5		6.2	5.2		5.5	4.7		4.3			3.9			115
120	6.6	5.4		6.1	5.1		5.5	4.7		4.4	4.2		3.9	4.1		120
125	6.5	5.3	4.1	6	5		5.4	4.7		4.4	4.2		3.9	4.1		125
130	6.3	5.1	4	5.9	4.9		5.3	4.6		4.4	4.2		3.9	4.1		130
135	6.2	5	4	5.8	4.8	3.8	5.3	4.5		4.4	4.2		3.9	4.1		135
140	6.1	4.9	4	5.6	4.7	3.8	5.2	4.4	3.6	4.4	4.1		3.9	4		140
145	5.9	4.8	3.9	5.5	4.6	3.8	5.1	4.4	3.6	4.3	4.1		3.9	4		145
150	5.8	4.7	3.9	5.4	4.5	3.8	5	4.3	3.6	4.3	4	3.4	3.9	4	3.3	150
155	5.7	4.6	3.9	5.3	4.4	3.7	4.9	4.2	3.6	4.2	4	3.4	3.9	4	3.3	155
160	5.5	4.5	3.8	5.2	4.4	3.7	4.8	4.1	3.5	4.2	3.9	3.4	3.9	3.9	3.3	160
165	5.4	4.4	3.8	5.1	4.3	3.7	4.8	4.1	3.5	4.2	3.9	3.3	3.9	3.9	3.3	165
170	5.3	4.4	3.8	5	4.2	3.6	4.7	4	3.5	4.1	3.8	3.3	3.8	3.8	3.3	170
175	5.2	4.3	3.7	4.9	4.2	3.6	4.6	4	3.5	4.1	3.8	3.3	3.8	3.8	3.3	175
180	5	4.2	3.7	4.8	4.1	3.6	4.5	3.9	3.5	4	3.7	3.3	3.7	3.7	3.3	180
185	4.9	4.1	3.6	4.7	4	3.6	4.5	3.8	3.4	4	3.7	3.3	3.7	3.7	3.3	185
190	4.8	4.1	3.6	4.7	3.9	3.5	4.4	3.8	3.4	3.9	3.6	3.3	3.7	3.6	3.3	190
195	4.7	4	3.6	4.6	3.9	3.5	4.3	3.7	3.4	3.9	3.6	3.3	3.6	3.6	3.3	195
200	4.6	4	3.5	4.5	3.9	3.5	4.2	3.7	3.4	3.8	3.5	3.3	3.6	3.5	3.3	200
205	4.5	3.9	3.5	4.4	3.8	3.5	4.2	3.6	3.4	3.7	3.5	3.3	3.6	3.5	3.2	205
210	4.4	3.8	3.5	4.3	3.8	3.4	4.1	3.6	3.4	3.7	3.5	3.3	3.5	3.4	3.2	210
215	4.4	3.8	3.5	4.3	3.7	3.4	4	3.6	3.3	3.6	3.4	3.2	3.5	3.4	3.2	215
220	4.3	3.7	3.5	4.2	3.7	3.4	4	3.5	3.3	3.5	3.4	3.2	3.5	3.4	3.2	220
225	4.2	3.7	3.5	4.1	3.6	3.4	3.9	3.5	3.3	3.4	3.3	3.2	3.3	3.4	3.2	225
230	4.1	3.7	3.5	4	3.6	3.4	3.9	3.5	3.3	3.2	3.3	3.2	3.2	3.3	3.2	230
235	4.1	3.6	3.5	4	3.5	3.4	3.8	3.4	3.3	3.1	3.2	3.2	3.1	3.2	3.2	235
240	4	3.6	3.5	3.9	3.5	3.4	3.8	3.4	3.3	2.9	3.1	3.2	2.9	3.1	3.2	240
245	3.9	3.6	3.5	3.9	3.5	3.4	3.7	3.4	3.3	2.8	3	3.2	2.8	3	3.2	245
250	3.9	3.5	3.5	3.8	3.4	3.4	3.6	3.4	3.3	2.6	2.9	3.1	2.6	2.9	3.1	250
255	3.8	3.5	3.5	3.7	3.4	3.4	3.5	3.3	3.3	2.5	2.8	3.1	2.5	2.8	3	255
260	3.8	3.5	3.5	3.7	3.4	3.4	3.5	3.3	3.3	2.3	2.7	3	2.3	2.6	3	260
265	3.7	3.5	3.5	3.6	3.4	3.4	3.4	3.3	3.3	2.2	2.5	2.8		2.5	2.8	265
270	3.7	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3		2.4	2.7		2.4	2.7	270
275	3.6	3.5	3.5	3.4	3.4	3.4	3.2	3.2	3.3		2.2	2.5		2.2	2.5	275
280	3.5	3.5	3.5	3.2	3.3	3.4	3	3.1	3.3			2.4			2.4	280
285	3.5	3.5		2.9	3.3	3.4		3.1	3.3			2.2				285
290	3.5	3.5		2.8	3.2	3.4		3	3.3							290
295	3.3	3.5		2.6	2.8	3.2		2.8	3.1							295
300	2.2	3.4		2.5	2.7				2.7							300
305		2.6			2.6											305
310					2.4											310

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Lifting capacities

TNZK

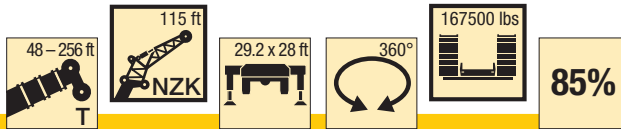


	48 ft			144 ft			160 ft			176 ft			192 ft			
	115 ft			115 ft			115 ft			115 ft			115 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
19	9.1															19
20	9.1															20
22	9.2															22
24	10.1															24
26	10.8															26
28	11.2															28
30	11.1															30
32	10.9															32
34	10.8															34
36	10.6			9.3												36
38	10.5			9.7												38
40	10.3			10			9.1									40
45	9.9			10.7			9.8			8.7						45
50	9.5			11			10.3			9.2			7.8			50
55	9			10.9			10.4			9.6			8.3			55
60	8.6	7.4		10.7			10.2			9.7			8.7			60
65	8.2	7		10.4			10			9.5			8.8			65
70	7.7	6.6		10.2			9.8			9.4			8.7			70
75	7.2	6.3		9.9			9.6			9.2			8.6			75
80	6.8	6		9.7	7.3		9.4	7.2		9			8.4			80
85	6.5	5.7		9.4	7.1		9.2	7		8.8	6.9		8.2			85
90	6.1	5.5	4.8	9.1	6.9		8.9	6.8		8.6	6.7		8.1	6.4		90
95	5.8	5.2	4.6	8.8	6.6		8.7	6.6		8.4	6.5		7.9	6.3		95
100	5.6	5	4.5	8.6	6.4		8.4	6.4		8.2	6.3		7.7	6.2		100
105	5.3	4.8	4.3	8.3	6.2	4.6	8.2	6.2		7.9	6.1		7.5	6		105
110	5.1	4.6	4.2	8	6.1	4.5	7.9	6	4.5	7.7	6		7.4	5.8		110
115	4.9	4.4	4.1	7.7	5.9	4.5	7.7	5.9	4.5	7.5	5.8	4.4	7.2	5.7		115
120	4.7	4.3	3.9	7.4	5.7	4.4	7.4	5.7	4.4	7.3	5.7	4.3	7	5.6	4.3	120
125	4.5	4.1	3.9	7.1	5.6	4.4	7.2	5.6	4.3	7.1	5.5	4.3	6.8	5.4	4.2	125
130	4.3	4	3.8	6.9	5.4	4.3	6.9	5.4	4.3	6.9	5.4	4.2	6.7	5.3	4.2	130
135	4.2	3.9	3.8	6.6	5.3	4.2	6.7	5.3	4.2	6.7	5.3	4.2	6.5	5.2	4.1	135
140	4	3.8	3.8	6.4	5.1	4.2	6.5	5.2	4.2	6.5	5.1	4.2	6.3	5.1	4.1	140
145	3.9	3.8	3.8	6.2	5	4.2	6.3	5	4.2	6.3	5	4.1	6.2	5	4	145
150	3.8	3.8		6	4.9	4.1	6.1	4.9	4.1	6.1	4.9	4.1	6	4.8	4	150
155	3.7	3.8		5.8	4.8	4.1	5.9	4.8	4	6	4.8	4	5.9	4.7	4	155
160				5.7	4.6	4	5.8	4.7	4	5.8	4.7	4	5.7	4.6	3.9	160
165				5.5	4.6	3.9	5.6	4.6	3.9	5.7	4.6	3.9	5.6	4.6	3.9	165
170				5.3	4.5	3.9	5.5	4.5	3.9	5.5	4.5	3.9	5.5	4.5	3.8	170
175				5.2	4.4	3.9	5.3	4.4	3.8	5.3	4.4	3.8	5.3	4.4	3.8	175
180				5	4.3	3.8	5.2	4.3	3.8	5.2	4.3	3.8	5.2	4.3	3.7	180
185				4.9	4.2	3.8	5	4.2	3.8	5.1	4.3	3.7	5.1	4.2	3.7	185
190				4.8	4.1	3.8	4.9	4.2	3.8	5	4.2	3.7	4.9	4.2	3.7	190
195				4.7	4	3.8	4.8	4.1	3.7	4.9	4.1	3.7	4.8	4.1	3.6	195
200				4.5	4	3.8	4.7	4	3.7	4.7	4	3.7	4.7	4	3.6	200
205				4.4	3.9	3.8	4.6	4	3.7	4.6	4	3.6	4.6	4	3.6	205
210				4.3	3.9	3.8	4.4	3.9	3.7	4.5	3.9	3.6	4.5	3.9	3.6	210
215				4.2	3.8	3.8	4.3	3.9	3.7	4.4	3.9	3.6	4.4	3.8	3.6	215
220				4.1	3.8	3.8	4.2	3.8	3.7	4.3	3.8	3.6	4.3	3.8	3.6	220
225				4	3.8	3.8	4.2	3.8	3.7	4.3	3.8	3.6	4.2	3.8	3.6	225
230				4	3.8	3.8	4.1	3.7	3.7	4.1	3.7	3.6	4.1	3.7	3.6	230
235				3.9	3.8		4	3.7	3.7	4.1	3.7	3.6	4.1	3.7	3.6	235
240				3.8	3.8		3.9	3.7	3.7	4	3.7	3.6	4	3.6	3.6	240
245				3.8	3.8		3.8	3.7		3.9	3.7	3.6	3.7	3.6	3.6	245
250							3.8	3.7		3.5	3.6	3.6	3.5	3.6	3.6	250
255							3.7	3.7		3	3.6	3.6	3.4	3.6	3.6	255
260							3.3	3.7		2.6	3.5		3.3	3.4	3.6	260
265										2.2	2.9		3.1	3.3	3.5	265
270											2.4		3	3.2	3.3	270
275													2.8	3		275
280													2.7	2.8		280
285													2.6	2.7		285
290													2.4	2.6		290
295														2.5		295

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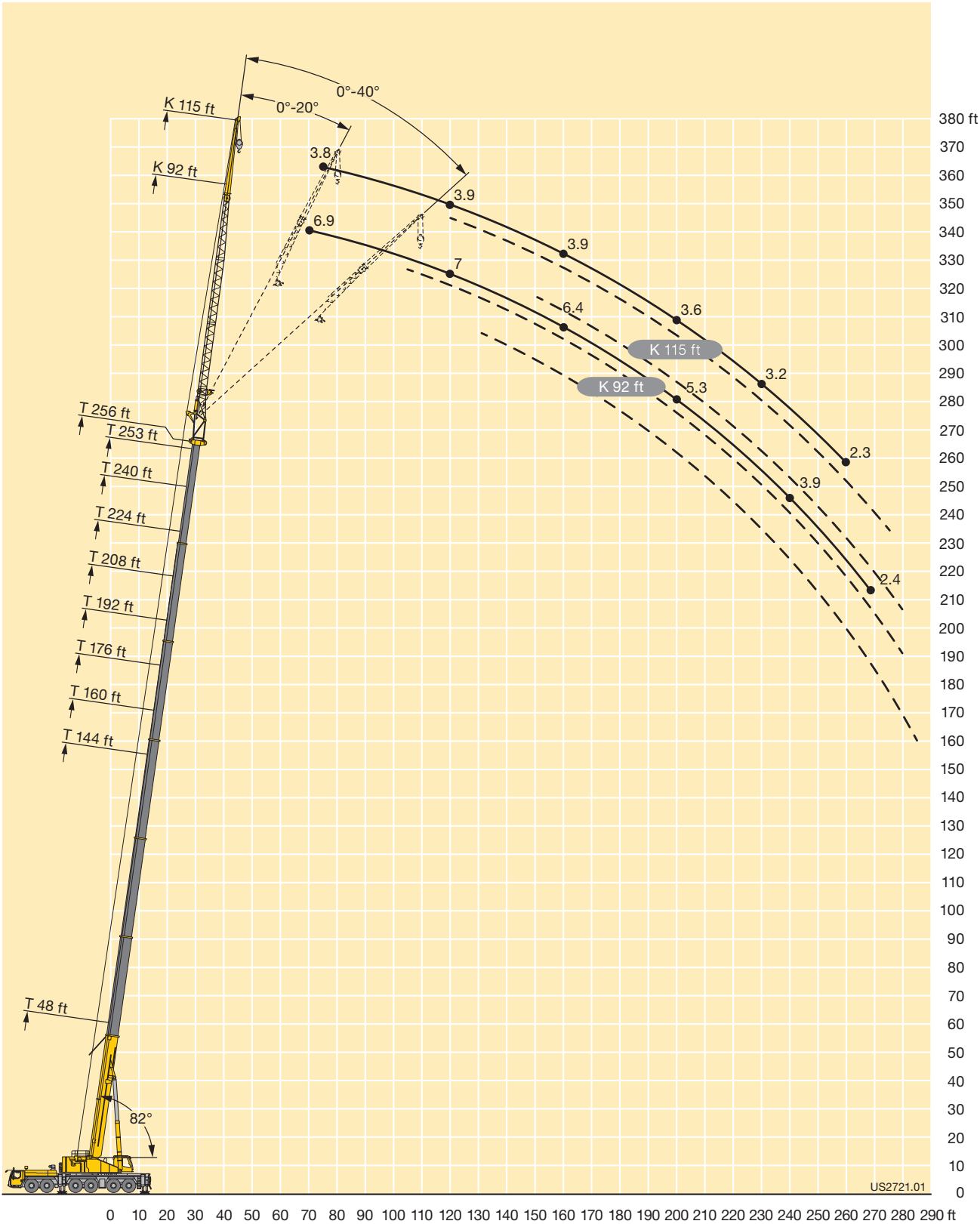
Lifting capacities

TNZK



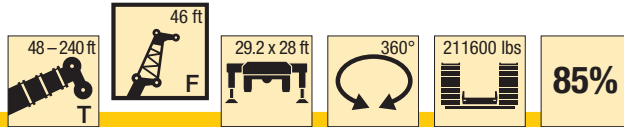
	208 ft			224 ft			240 ft			253 ft			256 ft			
	115 ft			115 ft			115 ft			115 ft			115 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
55	6.7															55
60	7.1			5.6												60
65	7.5			5.9			4.6									65
70	7.6			6.3			4.8									70
75	7.7			6.5			5.1			4			3.8			75
80	7.6			6.6			5.3			4			3.8			80
85	7.5			6.6			5.4			4.1			3.8			85
90	7.3			6.6			5.5			4.2			3.8			90
95	7.2			6.6			5.6			4.3			3.8			95
100	7.1	5.9		6.5			5.6			4.3			3.9			100
105	7	5.8		6.4	5.4		5.6			4.3			3.9			105
110	6.8	5.6		6.3	5.3		5.6			4.3			3.9			110
115	6.7	5.5		6.2	5.2		5.5	4.7		4.3			3.9			115
120	6.6	5.4		6.1	5.1		5.5	4.7		4.4	4.2		3.9	4.1		120
125	6.5	5.3	4.1	6	5		5.4	4.7		4.4	4.2		3.9	4.1		125
130	6.3	5.1	4	5.9	4.9		5.3	4.6		4.4	4.2		3.9	4.1		130
135	6.2	5	4	5.8	4.8	3.8	5.3	4.5		4.4	4.2		3.9	4.1		135
140	6.1	4.9	4	5.6	4.7	3.8	5.2	4.4	3.6	4.4	4.1		3.9	4		140
145	5.9	4.8	3.9	5.5	4.6	3.8	5.1	4.4	3.6	4.3	4.1		3.9	4		145
150	5.8	4.7	3.9	5.4	4.5	3.8	5	4.3	3.6	4.3	4	3.4	3.9	4	3.3	150
155	5.7	4.6	3.9	5.3	4.4	3.7	4.9	4.2	3.6	4.2	4	3.4	3.9	4	3.3	155
160	5.5	4.5	3.8	5.2	4.4	3.7	4.8	4.1	3.5	4.2	3.9	3.4	3.9	3.9	3.3	160
165	5.4	4.4	3.8	5.1	4.3	3.7	4.8	4.1	3.5	4.2	3.9	3.3	3.9	3.9	3.3	165
170	5.3	4.4	3.8	5	4.2	3.6	4.7	4	3.5	4.1	3.8	3.3	3.8	3.8	3.3	170
175	5.2	4.3	3.7	4.9	4.2	3.6	4.6	4	3.5	4.1	3.8	3.3	3.8	3.8	3.3	175
180	5	4.2	3.7	4.8	4.1	3.6	4.5	3.9	3.5	4	3.7	3.3	3.7	3.7	3.3	180
185	4.9	4.1	3.6	4.7	4	3.6	4.5	3.8	3.4	4	3.7	3.3	3.7	3.7	3.3	185
190	4.8	4.1	3.6	4.7	3.9	3.5	4.4	3.8	3.4	3.9	3.6	3.3	3.7	3.6	3.3	190
195	4.7	4	3.6	4.6	3.9	3.5	4.3	3.7	3.4	3.9	3.6	3.3	3.6	3.6	3.3	195
200	4.6	4	3.5	4.5	3.9	3.5	4.2	3.7	3.4	3.8	3.5	3.3	3.6	3.5	3.3	200
205	4.5	3.9	3.5	4.4	3.8	3.5	4.2	3.6	3.4	3.7	3.5	3.3	3.6	3.5	3.2	205
210	4.4	3.8	3.5	4.3	3.8	3.4	4.1	3.6	3.4	3.7	3.5	3.3	3.5	3.4	3.2	210
215	4.4	3.8	3.5	4.3	3.7	3.4	4	3.6	3.3	3.6	3.4	3.2	3.5	3.4	3.2	215
220	4.3	3.7	3.5	4.2	3.7	3.4	4	3.5	3.3	3.5	3.4	3.2	3.5	3.4	3.2	220
225	4.2	3.7	3.5	4.1	3.6	3.4	3.9	3.5	3.3	3.4	3.3	3.2	3.3	3.4	3.2	225
230	4.1	3.7	3.5	3.9	3.6	3.4	3.8	3.5	3.3	3.2	3.3	3.2	3.1	3.3	3.2	230
235	4	3.6	3.5	3.9	3.5	3.4	3.4	3.4	3.3	2.8	3.2	3.2	2.6	3.2	3.2	235
240	3.9	3.6	3.5	3.8	3.5	3.4	2.9	3.4	3.3	2.4	3.1	3.2		3.1	3.2	240
245	3.8	3.6	3.5	3.8	3.5	3.4	2.3	3.4	3.3		3	3.2		3	3.2	245
250	3.6	3.5	3.5	3.4	3.4	3.4		3.3	3.3		2.9	3.1		2.8	3.1	250
255	3.5	3.5	3.5	3	3.4	3.4		3.2	3.3		2.8	3.1		2.6	3	255
260	3.4	3.5	3.5	2.6	3.4	3.4		2.7	3.3		2.3	3			3	260
265	3.2	3.4	3.5		3.4	3.4		2.1	3.1			2.8			2.7	265
270	2.8	3.3	3.5		3	3.4			2.7			2.5			2.3	270
275	2.4	3.2	3.4		2.5	3.2			2.2							275
280		2.9	3.2			2.6										280
285		2.5														285

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Lifting capacities

TF



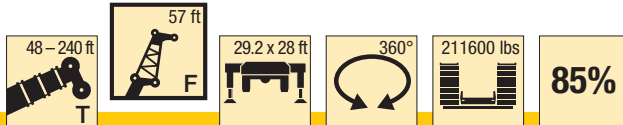
ft	48 + 6.6 ft*			144 + 6.6 ft*			160 + 6.6 ft*			176 + 6.6 ft*			192 + 6.6 ft*			208 + 6.6 ft*			224 + 6.6 ft*			240 + 6.6 ft*			ft
	46 ft			46 ft			46 ft			46 ft			46 ft			46 ft			46 ft			46 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	53.6																							12	
13	53.6																							13	
14	53.1																							14	
15	52.4																							15	
16	51.8																							16	
17	51																							17	
18	49.9																							18	
19	48.8																							19	
20	47.7																							20	
22	45.8																							22	
24	43.9																							24	
26	42.2																							26	
28	40.5	36.1																						28	
30	38.8	35.5		53.6																				30	
32	37.3	34.1		52.9																				32	
34	35.8	32.8		52.2																				34	
36	34.3	31.6		51.6			47.7																	36	
38	32.9	30.5		50.6			47.2																	38	
40	31.7	29.4	27	49.5			46.6			41.5														40	
45	28.8	27.1	26.7	46.8			44.8			40.8			35.1											45	
50	26.5	24.9	24.8	44.3	34.9		42.7			39.7			34.7			29.3								50	
55	24.4	23.2	23.2	42.1	33.2		40.8	32.9		38.4			34.3			29.1			23.4					55	
60	22.6	21.6	21.7	39.9	31.7	27	39.1	31.4		37.1	30.5		33.7			28.9			23.1			18.5		60	
65	21	20.2	20.4	38	30.4	26.8	37.4	30.2	26.7	35.7	29.4		33	27.9		28.5			22.9			18.3		65	
70	19.7	19	19.4	36	29	26	35.7	29	25.9	34.3	28.3	25.3	31.9	27		28	24.9		22.6			18		70	
75	18.4	17.9	18.4	34.1	27.9	25.2	34.2	27.9	25	33	27.3	24.6	30.9	26.2	23.6	27.2	24.3		22.3	20.9		17.7		75	
80	17.4	17	17.6	32.4	26.8	24.4	32.7	26.9	24.3	31.8	26.4	23.9	29.9	25.4	23	26.4	23.7		21.8	20.4		17.4	15.7	80	
85	16.5	16.3	17.1	30.9	25.7	23.6	31.2	25.9	23.6	30.6	25.5	23.2	28.9	24.6	22.4	25.5	23.1	21.2	21.2	19.9		17	15.3	85	
90	15.8	15.8		29.5	24.8	22.9	29.8	25	22.9	29.4	24.7	22.6	28	23.9	21.9	24.7	22.5	20.8	20.5	19.3	18.9	16.6	14.9	90	
95				28.1	23.9	22.3	28.7	24.2	22.3	28.2	24	22.1	27.1	23.2	21.4	23.9	22	20.4	19.9	18.7	18.4	16.1	14.5	13.9	95
100				27	23	21.7	27.5	23.4	21.8	27.2	23.2	21.5	26.3	22.6	20.9	23.1	21.5	20	19.2	18.2	17.8	15.7	14.1	13.5	100
105				25.9	22.3	21.1	26.4	22.6	21.2	26.3	22.5	21	25.4	22	20.5	22.3	20.9	19.6	18.6	17.7	17.3	15.2	13.7	13.1	105
110				24.8	21.6	20.5	25.4	21.9	20.7	25.4	21.9	20.6	24.6	21.4	20.1	21.5	20.3	19.2	18	17.2	16.8	14.8	13.3	12.8	110
115				23.8	20.9	20	24.5	21.3	20.2	24.5	21.3	20.1	23.9	20.9	19.7	20.8	19.7	18.9	17.4	16.6	16.4	14.3	12.9	12.5	115
120				22.9	20.3	19.6	23.6	20.7	19.8	23.7	20.7	19.7	23.2	20.4	19.3	20.1	19	18.5	16.9	16.1	15.9	13.9	12.6	12.2	120
125				22.1	19.7	19.2	22.8	20.1	19.4	23	20.2	19.3	22.5	19.9	19	19.4	18.4	18.1	16.3	15.6	15.5	13.5	12.3	11.9	125
130				21.2	19.1	18.8	22	19.6	19	22.3	19.7	19	21.8	19.4	18.6	18.7	17.8	17.7	15.7	15.1	15.1	13.1	12	11.6	130
135				20.5	18.6	18.4	21.3	19.1	18.6	21.6	19.2	18.6	21	19	18.3	18.1	17.2	17.2	15.2	14.6	14.6	12.8	11.6	11.3	135
140				19.9	18.1	18.1	20.6	18.6	18.3	20.9	18.8	18.3	20.1	18.6	18	17.4	16.7	16.7	14.6	14.1	14.2	12.4	11.3	11.1	140
145				19.2	17.7	17.8	20	18.2	18	20.3	18.4	18	19.2	18.2	17.7	16.8	16.2	16.2	14.1	13.6	13.7	12	11	10.8	145
150				18.6	17.3	17.5	19.4	17.8	17.7	19.8	18	17.7	18.3	17.9	17.5	16.2	15.7	15.7	13.6	13.2	13.3	11.6	10.8	10.6	150
155				18	16.9	17.3	18.9	17.4	17.5	19.2	17.6	17.5	17.5	17.3	17.3	15.6	15.2	15.2	13.2	12.8	12.9	11.2	10.5	10.3	155
160				17.5	16.6	17.1	18.4	17	17.2	18.6	17.2	17.2	16.7	16.8	17	14.9	14.7	14.7	12.7	12.4	12.5	10.8	10.2	10.1	160
165				17	16.3	17.1	17.8	16.7	17.1	17.9	16.9	17	15.9	16.3	16.7	14.3	14.2	14.3	12.3	12	12.1	10.5	10	9.9	165
170				16.6	16		17.4	16.4	17	16.7	16.6	16.9	15.2	15.7	16.1	13.7	13.8	13.9	11.9	11.5	11.7	10.1	9.7	9.7	170
175				16.2	15.9		16.9	16.1	16.9	15.5	16.2	16.7	14.4	15	15.4	13.1	13.4	13.5	11.4	11.2	11.3	9.8	9.5	9.5	175
180				15.8	15.8		16.1	15.9	16.7	14.6	15.3	15.9	13.8	14.3	14.7	12.5	12.9	13	11	10.8	11	9.4	9.2	9.3	180
185				10.9	13.1		15	15.6		14	14.2	14.7	13	13.6	14	11.8	12.4	12.6	10.6	10.5	10.6	9.1	8.9	9.1	185
190							14.1	14.5		13.5	13.7	13.9	12.1	12.9	13.3	11.3	11.8	12.1	10.2	10.1	10.3	8.7	8.7	8.8	190
195							12.5	13.5		12.7	13.1	13.3	11.2	12	12.5	10.7	11.3	11.5	9.7	9.8	10	8.4	8.4	8.5	195
200							8	9.9		11.9	12.4		10.6	11	11.5	10.2	10.7	11	9.3	9.5	9.7	8.2	8.1	8.3	200
205										11	11.5		10.2	10.3	10.5	9.5	10.2	10.4	8.9	9.1	9.3	7.9	7.8	8	205
210										9.6	10.6		9.8	9.9		8.8	9.6	9.8	8.5	8.8	9	7.6	7.6	7.7	210
215										6.1	7.6		9.4	9.5		8.2	8.9	9.1	8	8.5	8.6	7.4	7.4	7.5	215
220													8.8	9.2		7.9	8.1	8.2	7.6	8.1	8.2	7.1	7.2	7.3	220
225													7.6	8.5		7.6	7.7		7.1	7.6	7.8	6.8	7	7.1	225
230													5.8	6.2		7.2	7.4		6.5	7.2	7.3	6.5	6.7	6.9	230
235																7	7.1		6.3	6.6	6.7	6.2	6.5	6.7	235
240																6.2	6.9		6.1	6.2		5.8	6.2	6.4	240
245																5.2	5.4		5.8	6		5.3	6	6.1	245
250																			5.6	5.8		4.7	5.5		250
255																			5.1	5.6		4.1	4.9		

* adapter

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Lifting capacities

TF

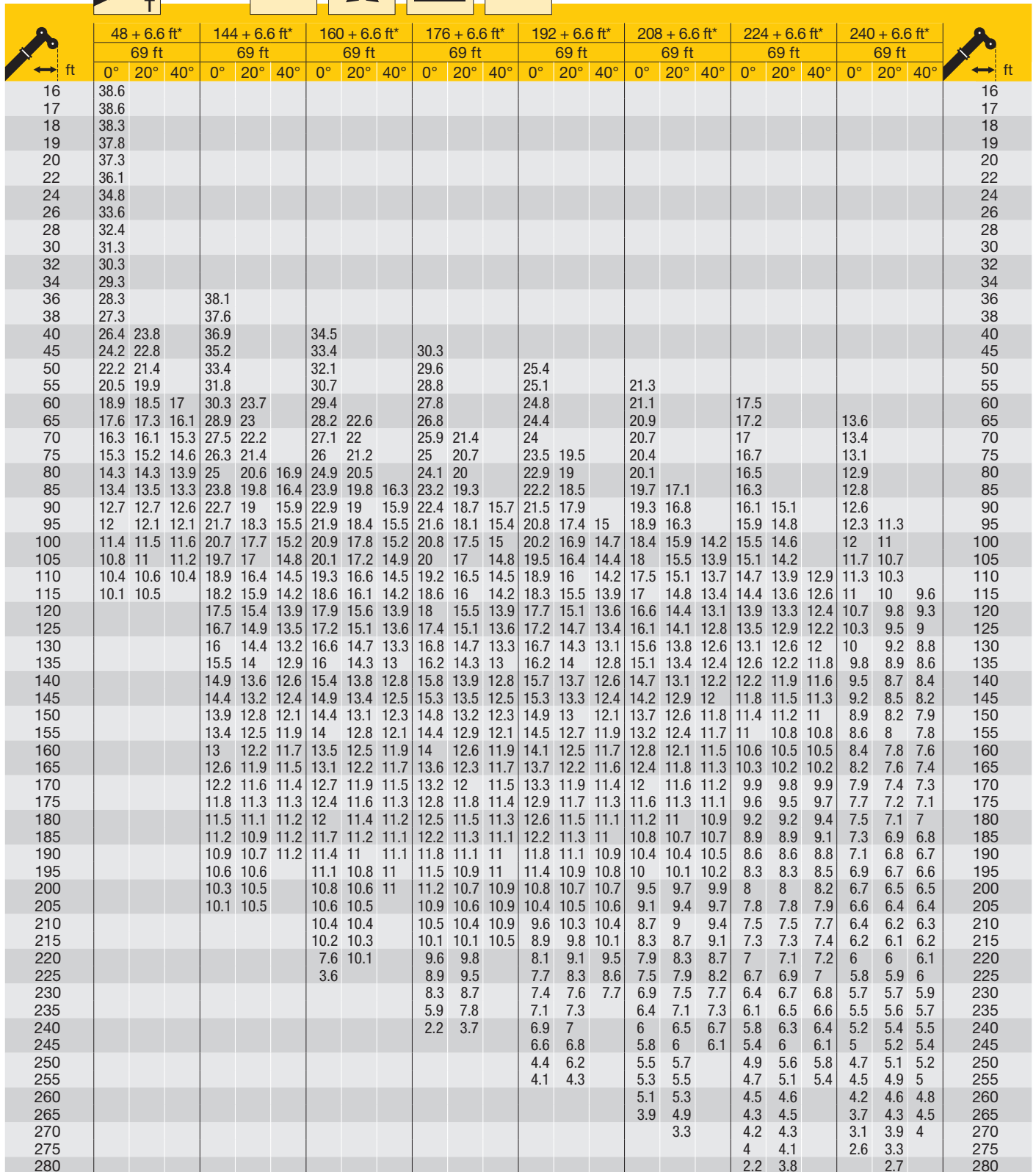


	48 + 6.6 ft*			144 + 6.6 ft*			160 + 6.6 ft*			176 + 6.6 ft*			192 + 6.6 ft*			208 + 6.6 ft*			224 + 6.6 ft*			240 + 6.6 ft*			
	57 ft			57 ft			57 ft			57 ft			57 ft			57 ft			57 ft			57 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
13	45.8																							13	
14	45.8																							14	
15	45.8																							15	
16	45.2																							16	
17	44.6																							17	
18	43.8																							18	
19	43																							19	
20	42.2																							20	
22	40.6																							22	
24	39																							24	
26	37.5																							26	
28	36.1																							28	
30	34.8																							30	
32	33.6																							32	
34	32.3	27		45																				34	
36	31.2	27		44.3																				36	
38	30	27		43.4			40.4																	38	
40	28.9	26.9		42.5			39.9																	40	
45	26.3	25.4		40.3			38.5			35														45	
50	24.1	23.4	21.6	38.2			36.8			34.2			29.9			24.4								50	
55	22.3	21.7	20.5	36.3	27		35.2			33.1			29.4			24.3			19.6					55	
60	20.6	20.2	19.4	34.6	27		33.7	27		31.9			28.9			24.1			19.5			15.5		60	
65	19.1	18.8	18.3	32.9	26.7		32.3	26.5		30.8	25.7		28.3			23.9			19.4			15.4		65	
70	17.8	17.6	17.2	31.3	25.7	21.4	30.9	25.5		29.7	24.7		27.6	23.3		23.7			19.3			15.3		70	
75	16.7	16.6	16.3	29.8	24.7	20.8	29.7	24.5	20.6	28.6	23.9		26.8	22.6		23.5	20.9		19			15.1		75	
80	15.7	15.7	15.5	28.3	23.7	20.2	28.4	23.6	20.1	27.6	23	19.8	25.9	22		23.2	20.3		18.8	14.5		14.8		80	
85	14.7	14.9	14.8	26.9	22.8	19.7	27.2	22.7	19.6	26.5	22.3	19.4	25.1	21.3	18.8	22.7	19.8		18.4	17.9		14.6		85	
90	14	14.1	14.2	25.7	21.9	19.2	25.9	21.9	19.2	25.5	21.5	18.9	24.2	20.7	18.4	22	19.3	17.4				14.2	13.1	90	
95	13.3	13.5	13.8	24.5	21.1	18.6	24.8	21.2	18.7	24.6	20.9	18.4	23.5	20.1	17.9	21.4	18.8	17.1	17.6	16.9	12.4	13.8	12.8	95	
100	12.7	13	4.5	23.4	20.3	18.1	23.8	20.5	18.2	23.6	20.2	18	22.7	19.5	17.5	20.7	18.4	16.7	17.1	16.5	15.7	13.4	12.4	100	
105	12.4			22.4	19.6	17.6	22.9	19.8	17.7	22.8	19.6	17.5	22	19	17.1	20.1	17.9	16.4	16.6	16	15.4	13.1	12	11.5	105
110				21.5	19	17.2	22	19.2	17.3	22	19	17.1	21.3	18.5	16.8	19.4	17.5	16.1	16.1	15.5	15.1	12.7	11.7	11.2	110
115				20.7	18.3	16.7	21.2	18.6	16.9	21.2	18.5	16.8	20.6	18	16.4	18.8	17.1	15.8	15.6	15.1	14.8	12.3	11.4	10.9	115
120				19.8	17.7	16.3	20.4	18	16.5	20.5	18	16.4	20	17.6	16.1	18.1	16.7	15.5	15.1	14.6	14.4	12	11.1	10.6	120
125				19	17.2	15.9	19.7	17.5	16.1	19.8	17.5	16.1	19.4	17.1	15.8	17.5	16.4	15.2	14.6	14.2	14	11.7	10.7	10.3	125
130				18.4	16.7	15.6	19	17	15.8	19.2	17.1	15.7	18.8	16.7	15.5	16.9	16	15	14.1	13.8	13.6	11.3	10.5	10.1	130
135				17.7	16.2	15.2	18.3	16.5	15.4	18.6	16.6	15.4	18.3	16.3	15.2	16.4	15.6	14.7	13.7	13.4	13.2	11	10.2	9.8	135
140				17	15.8	15	17.7	16.1	15.1	18	16.2	15.1	17.7	15.9	14.9	15.8	15.2	14.5	13.2	13	12.9	10.7	9.9	9.6	140
145				16.5	15.4	14.7	17.2	15.7	14.9	17.4	15.8	14.9	17.3	15.6	14.7	15.3	14.8	14.3	12.7	12.6	12.6	10.4	9.6	9.4	145
150				16	15	14.4	16.6	15.3	14.6	16.8	15.4	14.6	16.8	15.3	14.4	14.8	14.4	14.1	12.3	12.2	12.2	10.1	9.4	9.1	150
155				15.4	14.6	14.2	16.1	15	14.4	16.4	15.1	14.4	16.3	14.9	14.2	14.3	14	13.9	11.9	11.8	11.9	9.8	9.1	8.9	155
160				14.9	14.2	14	15.6	14.6	14.2	16	14.8	14.2	15.9	14.6	14.1	13.9	13.6	13.6	11.5	11.4	11.5	9.5	8.9	8.7	160
165				14.5	13.9	13.9	15.2	14.3	14	15.5	14.5	14	15.3	14.4	13.9	13.4	13.1	13.2	11.1	11	11.2	9.3	8.7	8.5	165
170				14.1	13.6	13.8	14.8	14	13.8	15.1	14.2	13.8	14.7	14.1	13.7	12.9	12.7	12.8	10.7	10.7	10.8	9	8.5	8.3	170
175				13.7	13.4	13.7	14.4	13.7	13.7	14.7	13.9	13.7	14	13.8	13.5	12.5	12.3	12.4	10.4	10.3	10.5	8.7	8.3	8.2	175
180				13.3	13.1		14	13.5	13.6	14.3	13.7	13.6	13.4	13.5	13.4	12	12	12.1	10	10	10.1	8.5	8.1	8	180
185				13	13		13.6	13.2	13.6	13.8	13.4	13.5	12.7	13	13.3	11.5	11.6	11.7	9.7	9.6	9.8	8.2	7.9	7.8	185
190				12.7	12.9		13.3	13.1	13.5	12.8	13.2	13.4	12.1	12.6	13.2	11	11.2	11.4	9.3	9.3	9.5	7.9	7.7	7.7	190
195				10.9	12.8		13	12.9		12.3	12.9	13.2	11.5	12.1	12.6	10.5	10.8	11	9	9	9.2	7.6	7.5	7.5	195
200							12.6	12.7		11.8	12	12.3	10.6	11.6	11.9	10	10.4	10.7	8.7	8.7	8.9	7.4	7.3	7.4	200
205							11.6	12.4		11.3	11.6	11.8	9.8	10.9	11.3	9.5	9.9	10.2	8.4	8.4	8.6	7.1	7.1	7.2	205
210							7.9	10.3		10.6	11.1		9.2	10.1	10.4	9	9.5	9.8	8.1	8.1	8.3	6.9	7	7.1	210
215										9.8	10.5		8.8	9.3	9.5	8.5	9	9.2	7.8	7.9	8.1	6.7	6.8	6.9	215
220										8.8	9.7		8.4	8.7	8.8	7.8	8.5	8.7	7.4	7.6	7.8	6.5	6.6	6.8	220
225										5.9	7.8		8.1	8.3		7.2	7.9	8.1	7.1	7.3	7.5	6.3	6.4	6.5	225
230													7.7	8		6.8	7.2	7.4	6.8	7	7.2	6.1	6.2	6.4	230
235													7	7.6		6.6	6.7		6.4	6.7	6.9	5.8	6	6.2	235
240													5	6.2		6.3	6.5		5.8	6.4	6.5	5.6	5.8	6	240
245													3.9			6.1	6.2		5.4	5.9	6	5.3	5.6	5.8	245
250																5.7	6		5.2						

* adapter

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TF



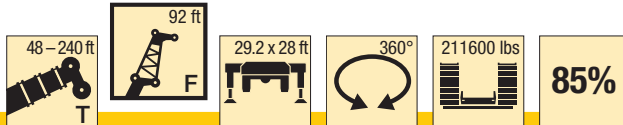
48-240 ft T 80 ft F 29.2 x 28 ft 360° 211600 lbs 85%																										
ft	48 + 6.6 ft*			144 + 6.6 ft*			160 + 6.6 ft*			176 + 6.6 ft*			192 + 6.6 ft*			208 + 6.6 ft*			224 + 6.6 ft*			240 + 6.6 ft*			ft	
	80 ft			80 ft			80 ft			80 ft			80 ft			80 ft			80 ft			80 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
18	31.8																							18		
19	31.8																							19		
20	31.5																							20		
22	30.7																							22		
24	29.8																							24		
26	29																							26		
28	28.2																							28		
30	27.4																							30		
32	26.6																							32		
34	25.9																							34		
36	25.1																							36		
38	24.4				31.3																			38		
40	23.6				30.9			27																40		
45	21.9				29.6			28.4			26.1													45		
50	20.3	18.2			28.4			27.3			25.6			22.2										50		
55	18.8	17.2			27.2			26.4			25.1			22										55		
60	17.5	16.3			26.1			25.8			24.5			21.7		18.5								60		
65	16.2	15.5			25			24.9			23.8			21.3		18.3		15						65		
70	15.1	14.7	13.1		23.9	18.2		24	17.9		23			20.9		18.1		14.7				11.4		70		
75	14	13.9	12.6		22.9	17.6		23.1	17.5		22.3			20.5		17.8		14.4				11.2		75		
80	13.1	13	12.1		21.9	17.1		22.2	17		21.6	16.6		19.9		17.5		14.2				11		80		
85	12.3	12.3	11.7		21	16.6		21.4	16.5		20.9	16.2		19.4	15.6	17.2		14				10.9		85		
90	11.5	11.6	11.2		20.1	16.1	13.1	20.6	16.1		20.2	15.8		18.9	15.3	16.8	14.2	13.9				10.7		90		
95	10.9	11	10.8		19.2	15.7	12.8	19.8	15.7	12.8	19.5	15.4		18.3	14.9	16.5	13.9	13.7	10.4			10.6		95		
100	10.3	10.4	10.3		18.4	15.2	12.5	18.9	15.3	12.5	18.8	15.1	12.5	17.8	14.6	16.1	13.6	13.5	12.4			10.5		100		
105	9.7	9.9	9.9		17.6	14.8	12.3	18.2	14.8	12.3	18.1	14.7	12.2	17.2	14.2	15.7	13.3	13.3	12.2			10.3	9.4	105		
110	9.2	9.4	9.5		16.8	14.3	12	17.5	14.4	12.1	17.4	14.3	12	16.7	13.8	11.8	15.4	13	11.5	13.1	11.9	10.1	9.1	110		
115	8.8	9	9.2		16.1	13.9	11.8	16.8	14	11.8	16.8	13.9	11.8	16.2	13.5	11.6	15	12.8	11.2	12.9	11.7		9.8	8.8	115	
120	8.4	8.6	9.1		15.4	13.4	11.6	16.1	13.5	11.6	16.2	13.5	11.6	15.7	13.1	11.4	14.6	12.5	11	12.7	11.5	10.5	9.5	8.6	120	
125	8.2	8.4			14.8	12.9	11.4	15.5	13.1	11.4	15.7	13.1	11.4	15.1	12.8	11.2	14.2	12.2	10.9	12.3	11.3	10.4	9.2	8.3	7.9	125
130					14.2	12.5	11.2	15	12.7	11.2	15.1	12.7	11.1	14.7	12.4	11	13.8	11.9	10.7	12	11	10.2	8.9	8.1	7.7	130
135					13.6	12.2	10.9	14.4	12.3	11	14.6	12.3	10.9	14.2	12.1	10.8	13.5	11.6	10.5	11.6	10.8	10	8.6	7.8	7.5	135
140					13.1	11.8	10.7	13.9	12	10.8	14.1	12	10.8	13.8	11.8	10.6	13.1	11.3	10.3	11.2	10.6	9.8	8.4	7.6	7.3	140
145					12.6	11.4	10.5	13.4	11.7	10.6	13.4	11.7	10.6	13.4	11.5	10.4	12.7	11.1	10.1	10.8	10.3	9.7	8.1	7.4	7.1	145
150					12.2	11.1	10.3	12.9	11.3	10.4	13.2	11.4	10.4	13	11.2	10.2	12.4	10.8	10	10.5	10	9.5	7.8	7.2	7	150
155					11.7	10.8	10.1	12.5	11	10.2	12.8	11.1	10.2	12.6	10.9	10.1	12.1	10.6	9.8	10.1	9.8	9.4	7.6	7	6.8	155
160					11.3	10.5	9.9	12.1	10.7	10	12.4	10.8	10	12.3	10.7	9.9	11.7	10.4	9.6	9.8	9.5	9.2	7.4	6.9	6.7	160
165					10.9	10.2	9.7	11.7	10.4	9.8	12	10.5	9.8	11.9	10.4	9.7	11.4	10.1	9.5	9.4	9.2	9.1	7.2	6.7	6.5	165
170					10.6	9.9	9.5	11.4	10.1	9.6	11.6	10.3	9.6	11.6	10.2	9.6	11.1	9.9	9.4	9.1	9	8.9	7	6.5	6.4	170
175					10.2	9.7	9.4	11	9.9	9.5	11.3	10	9.5	11.3	10	9.4	10.7	9.7	9.2	8.7	8.7	8.7	6.8	6.4	6.3	175
180					9.9	9.4	9.2	10.7	9.7	9.3	11	9.8	9.4	11	9.7	9.3	10.3	9.6	9.1	8.4	8.4	8.5	6.6	6.2	6.1	180
185					9.6	9.2	9.1	10.4	9.5	9.2	10.7	9.6	9.2	10.7	9.5	9.2	10	9.4	9	8.2	8.2	8.3	6.5	6.1	6	185
190					9.3	9	9.1	10.1	9.3	9.1	10.4	9.4	9.1	10.4	9.4	9.1	9.6	9.2	8.9	7.9	7.9	8	6.3	6	5.9	190
195					9	8.8	9.1	9.8	9.1	9	10.1	9.2	9	10.2	9.2	9	9.3	9	8.8	7.6	7.7	7.8	6.2	5.8	5.7	195
200					8.8	8.7	9.1	9.5	8.9	9	9.9	9	8.9	9.9	9	8.9	8.9	8.8	8.7	7.4	7.4	7.6	6	5.7	5.6	200
205					8.6	8.5		9.3	8.7	9	9.6	8.9	8.9	9.6	8.9	8.8	8.6	8.5	8.6	7.1	7.1	7.3	5.9	5.6	5.5	205
210					8.4	8.5		9	8.6	9	9.4	8.7	8.8	9.2	8.7	8.7	8.2	8.3	8.5	6.8	6.9	7.1	5.7	5.5	5.4	210
215					8.2	8.4		8.8	8.5	9	9.1	8.6	8.8	8.9	8.6	8.7	7.9	8.1	8.3	6.6	6.7	6.9	5.6	5.3	5.3	215
220					5.8	7.9		8.6	8.4		8.8	8.5	8.8	8.4	8.4	8.7	7.5	7.8	8.1	6.4	6.5	6.7	5.5	5.2	5.2	220
225								8.4	8.4		8.6	8.4	8.8	7.7	8.2	8.6	7.2	7.5	7.8	6.2	6.3	6.5	5.3	5.1	5.2	225
230								7.4	8.4		8.3	8.2		7.1	7.9	8.3	6.9	7.2	7.6	6	6.1	6.3	5.1	5	5.1	230
235								4.1	5.9		7.9	8.2		6.7	7.4	7.7	6.5	7	7.2	5.8	5.9	6.2	5	4.9	5	235
240											7.3	7.8		6.5	6.8	7	6	6.6	6.9	5.5	5.8	6	4.8	4.8	4.9	240
245											5.5	7.2		6.2	6.4		5.4	6.3	6.5	5.2	5.6	5.8	4.6	4.7	4.8	245
250											2.4	4.4		6	6.2		5.1	5.8	6	4.9	5.4	5.6	4.4	4.6	4.7	250
255														5.7	5.9		4.9	5.2	5.4	4.4	5.1	5.3	4.2	4.4	4.6	255
260														3.9	5.6		4.7	4.9		4	4.8	4.9	3.9	4.3	4.4	260
265														3.4	3.5		4.6	4.7		3.8	4.3	4.5	3.7	4.1	4.3	265
270																	4.3	4.5		3.7	3.8	4	3.2	3.8	4	270
275																	3.1	4.3		3.5	3.6		2.5	3.5	3.7	275
280																		2.9		3.3	3.5			3.1	3.3	280
285																				3.1	3.3					285
290																					3.1					290

* adapter

t_240_003_50401_00_000 / 52401_00_000 / 54401_00_000

Lifting capacities

TF



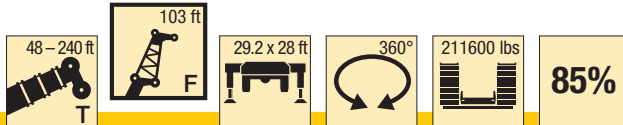
	48 + 6.6 ft*			144 + 6.6 ft*			160 + 6.6 ft*			176 + 6.6 ft*			192 + 6.6 ft*			208 + 6.6 ft*			224 + 6.6 ft*			240 + 6.6 ft*				
	92 ft			92 ft			92 ft			92 ft			92 ft			92 ft			92 ft			92 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
19	26.8																							19		
20	27																							20		
22	26.8																							22		
24	26.2																							24		
26	25.6																							26		
28	24.9																							28		
30	24.3																							30		
32	23.6																							32		
34	23																							34		
36	22.4																							36		
38	21.8																							38		
40	21.2				26.6																			40		
45	19.7				25.7			24.7																45		
50	18.5				24.8			23.8		22.4														50		
55	17.3	14.8			23.8			22.9		21.7			19.3											55		
60	16.2	14			22.8			22.1		21			19.1			16.3								60		
65	15.3	13.3			21.9			21.4		20.4			18.7			16.1			13.1					65		
70	14.4	12.7			21			20.6		19.7			18.2			15.9			12.9			9.8		70		
75	13.5	12.1			20.1	14.7		19.9		19.1			17.7			15.6			12.7			9.7		75		
80	12.7	11.5	9.9		19.3	14.3		19.1	14.1	18.4			17.2			15.3			12.5			9.5		80		
85	11.8	11	9.5		18.6	13.8		18.4	13.7	17.8	13.5		16.7			15.1			12.4			9.4		85		
90	11.1	10.5	9.2		17.9	13.4		17.8	13.4	17.3	13.1		16.3	12.7		14.7			12.2			9.3		90		
95	10.5	10	8.9		17.1	13		17.1	13	16.7	12.8		15.8	12.4		14.4	11.7		12			9.2		95		
100	9.8	9.5	8.6		16.5	12.7	9.9	16.5	12.6	16.2	12.4		15.4	12.1		14.1	11.5		11.9			9.1		100		
105	9.3	9.1	8.4		15.9	12.3	9.7	15.9	12.3	15.7	12.1		14.9	11.8		13.8	11.3		11.8	10.5		9		105		
110	8.8	8.6	8.2		15.3	12	9.5	15.4	12	15.2	11.9	9.5	14.5	11.6		13.4	11.1		11.6	10.2		8.9	8.1	110		
115	8.3	8.2	8		14.8	11.7	9.3	14.9	11.7	14.7	11.6	9.3	14.2	11.3	9.2	13.1	10.8		11.4	10.1		8.7	7.9	115		
120	7.9	7.8	7.9		14.3	11.4	9.1	14.4	11.4	14.3	11.3	9.1	13.8	11.1	9	12.8	10.6	8.9	11.2	9.9		8.4	7.7	120		
125	7.5	7.5	7.6		13.7	11.1	9	13.9	11.1	13.8	11.1	9	13.4	10.8	8.9	12.5	10.5	8.7	11.1	9.7		8.2	7.5	125		
130	7.2	7.2	7.5		13.2	10.8	8.8	13.4	10.9	13.4	10.8	8.9	13	10.6	8.8	12.2	10.2	8.6	10.8	9.5	8.4	7.9	7.3	130		
135	7	7.1			12.7	10.5	8.7	13	10.6	12.9	10.6	8.7	12.6	10.4	8.6	11.9	10	8.5	10.5	9.3	8.3	7.7	7.1	6.8	135	
140					12.2	10.2	8.5	12.5	10.4	12.5	10.4	8.6	12.2	10.2	8.5	11.6	9.8	8.4	10.3	9.2	8.2	7.5	6.9	6.6	140	
145					11.7	10	8.4	12.1	10.1	12.1	10.1	8.5	11.9	10	8.4	11.3	9.6	8.3	10	9	8.1	7.3	6.7	6.5	145	
150					11.3	9.7	8.3	11.7	9.9	11.7	9.9	8.4	11.5	9.8	8.3	11	9.4	8.2	9.7	8.8	8	7.1	6.5	6.3	150	
155					10.9	9.4	8.2	11.2	9.6	11.4	9.7	8.3	11.1	9.6	8.2	10.7	9.2	8.2	9.4	8.7	8	6.9	6.4	6.1	155	
160					10.5	9.2	8.2	10.9	9.3	11	9.4	8.2	10.8	9.3	8.1	10.4	9	8.1	9.1	8.5	7.9	6.7	6.2	6	160	
165					10.1	8.9	8.1	10.5	9.1	10.7	9.2	8.1	10.5	9.1	8.1	10.1	8.8	8	8.8	8.3	7.8	6.5	6.1	5.9	165	
170					9.7	8.7	8	10.2	8.9	10.3	9	8	10.3	8.9	8	9.9	8.6	7.9	8.5	8.1	7.7	6.4	5.9	5.7	170	
175					9.4	8.4	8	9.8	8.6	10	8.7	8	10	8.7	8	9.6	8.4	7.8	8.2	7.9	7.6	6.2	5.8	5.6	175	
180					9.1	8.2	7.9	9.5	8.4	9.7	8.5	7.9	9.7	8.5	7.9	9.4	8.2	7.8	7.9	7.7	7.5	6	5.6	5.5	180	
185					8.8	8	7.8	9.2	8.2	9.4	8.3	7.9	9.4	8.3	7.8	9.1	8.1	7.7	7.6	7.5	7.4	5.9	5.5	5.4	185	
190					8.5	7.8	7.7	8.9	8	9.2	8.1	7.7	9.1	8.1	7.7	8.9	7.9	7.6	7.3	7.4	7.3	5.7	5.4	5.2	190	
195					8.3	7.6	7.6	8.7	7.8	8.9	8	7.6	8.9	7.9	7.6	8.6	7.8	7.5	7.1	7.2	7.2	5.6	5.3	5.1	195	
200					8	7.5	7.5	8.4	7.7	8.6	7.8	7.6	8.7	7.8	7.5	8.4	7.6	7.4	6.9	7	7	5.4	5.1	5	200	
205					7.8	7.3	7.5	8.2	7.5	8.4	7.6	7.5	8.5	7.6	7.4	8.1	7.5	7.3	6.7	6.8	6.9	5.3	5	4.9	205	
210					7.5	7.2	7.5	7.9	7.4	8.2	7.5	7.4	8.3	7.5	7.3	7.8	7.4	7.3	6.5	6.6	6.7	5.2	4.9	4.9	210	
215					7.4	7.1		7.7	7.3	8	7.3	7.4	8	7.4	7.3	7.6	7.3	7.2	6.3	6.4	6.5	5	4.8	4.8	215	
220					7.2	7.1		7.5	7.2	7.8	7.2	7.4	7.8	7.3	7.3	7.3	7.2	7.2	6.1	6.2	6.3	4.9	4.7	4.7	220	
225					7	7.1		7.3	7.1	7.4	7.6	7.1	7.3	7.6	7.2	7.2	7	7	7.1	5.9	6	6.2	4.8	4.6	4.6	225
230					6.3	7.1		7.2	7	7.3	7.4	7	7.3	7.3	7.1	7.2	6.7	6.9	7	5.7	5.8	6	4.7	4.5	4.5	230
235								7	7	7.2	7	7.3	6.9	7	7.2	6.4	6.7	7	5.5	5.6	5.8	4.5	4.4	4.4	235	
240								6.8	7	7.1	6.9	7.3	6.4	6.9	7.2	6.1	6.5	6.8	5.3	5.4	5.6	4.4	4.3	4.4	240	
245								4.3	6.5	6.9	6.9		6	6.7	7.1	5.7	6.3	6.5	5.1	5.2	5.5	4.2	4.2	4.3	245	
250										6.7	6.9		5.8	6.3	6.5	5.2	6	6.3	4.8	5.1	5.3	4	4.1	4.2	250	
255										5.3	6.7		5.6	5.8		4.7	5.7	5.9	4.5	4.9	5.1	3.9	4	4.2	255	
260											4.9		5.4	5.6		4.5	5.2	5.5	4.2	4.7	4.9	3.7	3.9	4.1	260	
265													5.1	5.3		4.3	4.6	4.9	3.7	4.5	4.7	3.5	3.7	4	265	
270													3.7	5.1		4.1	4.3		3.3	4.2	4.4	3.2	3.6	3.9	270	
275													2.8	3.4		3.9	4.1		3.2	3.7	3.9		3.5	3.7	275	
280																3.7	3.9		3	3.2	3.4		3.3	3.4	280	
285																2.5	3.7		2.9	3			2.7	3.1	285	
290																	2.4		2.7	2.9				2.1	290	
295																			2.1	2.7					295	
300																				2.2					300	

* adapter

t_240_003_50501_00_000 / 52501_00_000 / 54501_00_000

Lifting capacities

TF

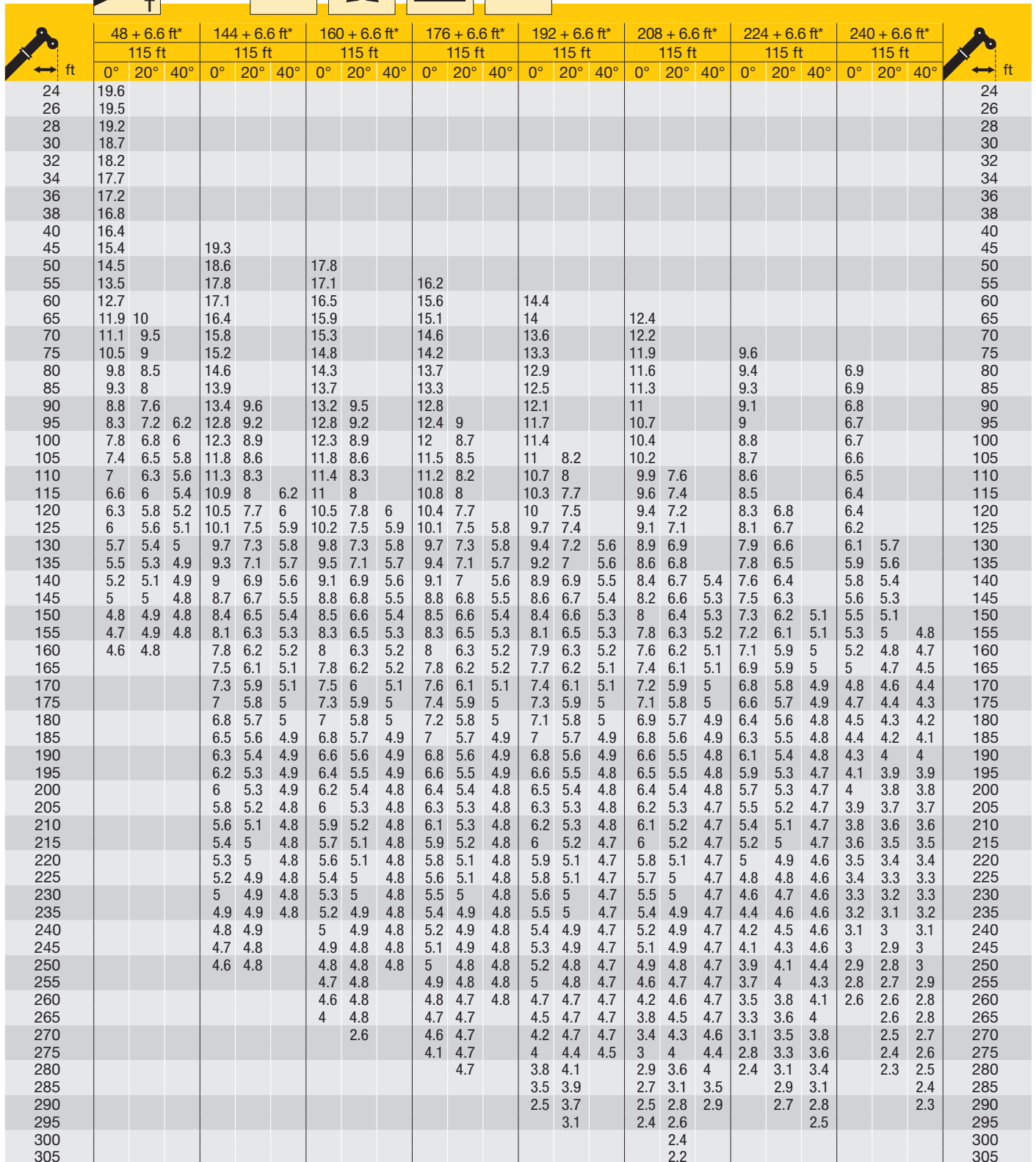


	48 + 6.6 ft*			144 + 6.6 ft*			160 + 6.6 ft*			176 + 6.6 ft*			192 + 6.6 ft*			208 + 6.6 ft*			224 + 6.6 ft*			240 + 6.6 ft*			
	103 ft			103 ft			103 ft			103 ft			103 ft			103 ft			103 ft			103 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	23.1																							22	
24	22.9																							24	
26	22.4																							26	
28	21.8																							28	
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34	20.1																							34	
36	19.6																							36	
38	19.1																							38	
40	18.6																							40	
45	17.4				22.3			21.1																45	
50	16.3				21.3			20.5		19.2														50	
55	15.3				20.5			19.7		18.6														55	
60	14.3	12.2			19.7			19		18			16.7											60	
65	13.3	11.5			18.9			18.4		17.5			16.3			14.1								65	
70	12.6	10.9			18.2			17.7		16.9			15.8			13.9		11.2						70	
75	11.9	10.3			17.4			17.1		16.4			15.3			13.6		11				8.3		75	
80	11.2	9.8			16.7	12.1		16.5		15.9			14.9			13.4		10.8				8.1		80	
85	10.6	9.3			16	11.6		15.9	11.6	15.4			14.4			13.1		10.6				8		85	
90	10	8.8	7.6		15.4	11.3		15.3	11.2	14.9	11		14			12.8		10.5				7.9		90	
95	9.5	8.4	7.3		14.8	10.9		14.7	10.9	14.3	10.7		13.6	10.3		12.4		10.4				7.7		95	
100	8.9	8	7.1		14.2	10.6		14.2	10.5	13.9	10.4		13.2	10.1		12.1		10.3				7.6		100	
105	8.3	7.7	6.8		13.6	10.3		13.7	10.2	13.4	10.1		12.8	9.8		11.8	9.4		10.1			7.5		105	
110	7.9	7.3	6.6		13.1	10	7.6	13.2	10	13	9.8		12.4	9.6		11.5	9.2		10	8.5		7.5		110	
115	7.5	7.1	6.5		12.6	9.7	7.4	12.7	9.7	12.6	9.6	7.4	12.1	9.3		11.2	8.9		9.8	8.4		7.4		115	
120	7.1	6.9	6.4		12.1	9.4	7.3	12.3	9.4	12.1	9.3	7.3	11.7	9.1	7.2	11	8.7		9.7	8.2		7.3	6.8	120	
125	6.8	6.7	6.3		11.7	9.1	7.2	11.9	9.2	11.8	9.1	7.1	11.4	8.9	7.1	10.7	8.5		9.5	8		7.1	6.7	125	
130	6.5	6.5	6.2		11.3	8.8	7	11.5	8.9	11.4	8.9	7	11.1	8.7	7	10.5	8.4	6.9	9.3	7.9		7	6.5	130	
135	6.2	6.2	6.2		10.9	8.5	6.9	11.1	8.7	11.1	8.7	6.9	10.8	8.5	6.9	10.2	8.2	6.8	9.1	7.7		6.9	6.3	135	
140	6	6	6.2		10.6	8.3	6.8	10.7	8.4	10.7	8.4	6.8	10.5	8.3	6.8	10	8	6.7	8.9	7.6	6.5	6.7	6.1	140	
145	5.8	5.9			10.2	8.1	6.7	10.4	8.2	10.4	8.2	6.7	10.2	8.1	6.7	9.7	7.9	6.6	8.7	7.5	6.4	6.5	6	5.7	145
150	5.7				9.8	7.9	6.6	10.1	8	10.1	8	6.7	9.9	8	6.6	9.5	7.8	6.5	8.5	7.4	6.4	6.3	5.8	5.6	150
155					9.5	7.7	6.5	9.8	7.8	9.8	7.8	6.6	9.7	7.8	6.5	9.2	7.6	6.5	8.4	7.3	6.3	6.2	5.6	5.4	155
160					9.1	7.5	6.5	9.5	7.6	9.5	7.7	6.5	9.4	7.6	6.5	9	7.5	6.4	8.2	7.1	6.3	6	5.5	5.3	160
165					8.8	7.3	6.4	9.2	7.5	9.3	7.5	6.4	9.2	7.5	6.4	8.8	7.3	6.3	7.9	7	6.2	5.8	5.3	5.2	165
170					8.5	7.2	6.3	8.9	7.3	9	7.3	6.4	8.9	7.3	6.3	8.6	7.2	6.3	7.7	6.9	6.2	5.6	5.2	5	170
175					8.1	7	6.3	8.6	7.2	8.7	7.2	6.3	8.7	7.2	6.3	8.3	7.1	6.2	7.5	6.8	6.1	5.5	5.1	4.9	175
180					7.9	6.9	6.3	8.3	7	8.4	7.1	6.3	8.4	7.1	6.2	8.1	7	6.2	7.2	6.7	6.1	5.3	4.9	4.8	180
185					7.6	6.8	6.2	8	6.9	8.2	7	6.2	8.2	7	6.2	7.9	6.9	6.1	7	6.6	6.1	5.2	4.8	4.7	185
190					7.4	6.7	6.2	7.7	6.8	7.9	6.9	6.2	7.9	6.9	6.2	7.7	6.8	6.1	6.7	6.5	6	5.1	4.7	4.6	190
195					7.1	6.6	6.2	7.5	6.7	7.7	6.8	6.2	7.7	6.8	6.1	7.5	6.7	6.1	6.5	6.4	6	4.9	4.6	4.5	195
200					6.9	6.5	6.2	7.3	6.6	7.5	6.7	6.2	7.5	6.7	6.1	7.4	6.6	6	6.3	6.3	6	4.8	4.5	4.4	200
205					6.7	6.4	6.2	7.1	6.5	7.3	6.5	6.1	7.3	6.6	6.1	7.2	6.5	6	6.1	6.2	6	4.6	4.3	4.3	205
210					6.6	6.2	6.2	6.9	6.4	7.1	6.4	6.1	7.1	6.4	6.1	7	6.4	6	5.9	6	6	4.5	4.2	4.2	210
215					6.4	6.1	6.2	6.7	6.2	6.9	6.3	6.1	6.9	6.3	6.1	6.8	6.2	6	5.7	5.8	5.9	4.4	4.1	4.1	215
220					6.2	6	6.2	6.6	6.1	6.8	6.2	6.1	6.8	6.2	6.1	6.6	6.2	6	5.6	5.7	5.8	4.2	4	4	220
225					6.1	5.9	6.2	6.4	6.1	6.6	6.1	6.1	6.6	6.1	6.1	6.4	6.1	6	5.4	5.5	5.7	4.1	3.9	3.9	225
230					6	5.9		6.3	6	6.4	6	6.1	6.5	6	6	6.2	6	6	5.2	5.3	5.5	4	3.8	3.8	230
235					5.8	5.8		6.1	5.9	6.3	5.9	6.1	6.4	6	6	6	5.9	5.9	5	5.1	5.4	3.9	3.7	3.7	235
240					5.7	5.8		6	5.8	6.2	5.9	6.1	6.2	5.9	6	5.8	5.8	5.9	4.8	5	5.2	3.7	3.6	3.7	240
245								5.9	5.8	6.1	5.8	6.1	6	5.8	6	5.5	5.6	5.9	4.6	4.8	5	3.6	3.5	3.6	245
250								5.8	5.8	5.9	5.7	6.1	5.5	5.7	6	5.2	5.5	5.8	4.4	4.6	4.9	3.4	3.5	3.5	250
255								4.2	5.8	5.8	5.7		5.2	5.7	6	4.7	5.4	5.7	4.2	4.4	4.7	3.3	3.4	3.5	255
260										5.7	5.7		5	5.6	5.8	4.2	5.2	5.5	3.9	4.3	4.5	3.1	3.3	3.4	260
265										4.8	5.7		4.8	5	5.2	3.8	4.8	5.2	3.6	4.1	4.4	3	3.2	3.3	265
270										2.3	5		4.6	4.8		3.7	4.4	4.7	3.3	3.9	4.1	2.8	3.1	3.3	270
275													4.3	4.6		3.5	3.8	4.1	2.8	3.7	3.9		2.9	3.2	275
280													3.1	4.4		3.3	3.5		2.5	3.4	3.5		2.8	3	280
285														3.4		3.1	3.3		2.3	2.9	3.1		2.5	2.9	285
290																2.8	3.1			2.4	2.7				290
295																	2.9			2.3					295
300																	2.1			2.1					300

* adapter

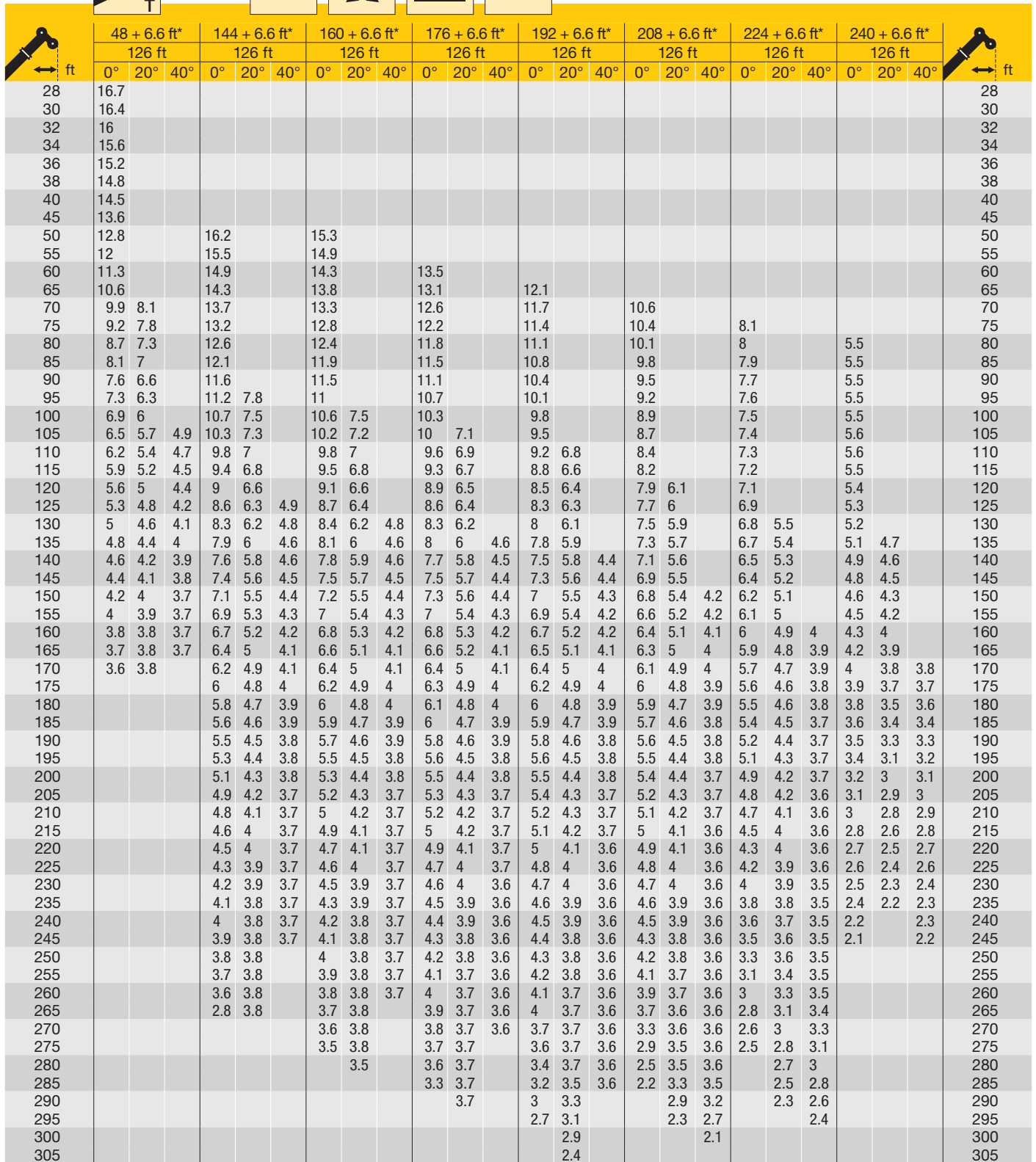
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TF



t 240 003 50701 00 000 / 52701 00 000 / 54701 00 000

TF



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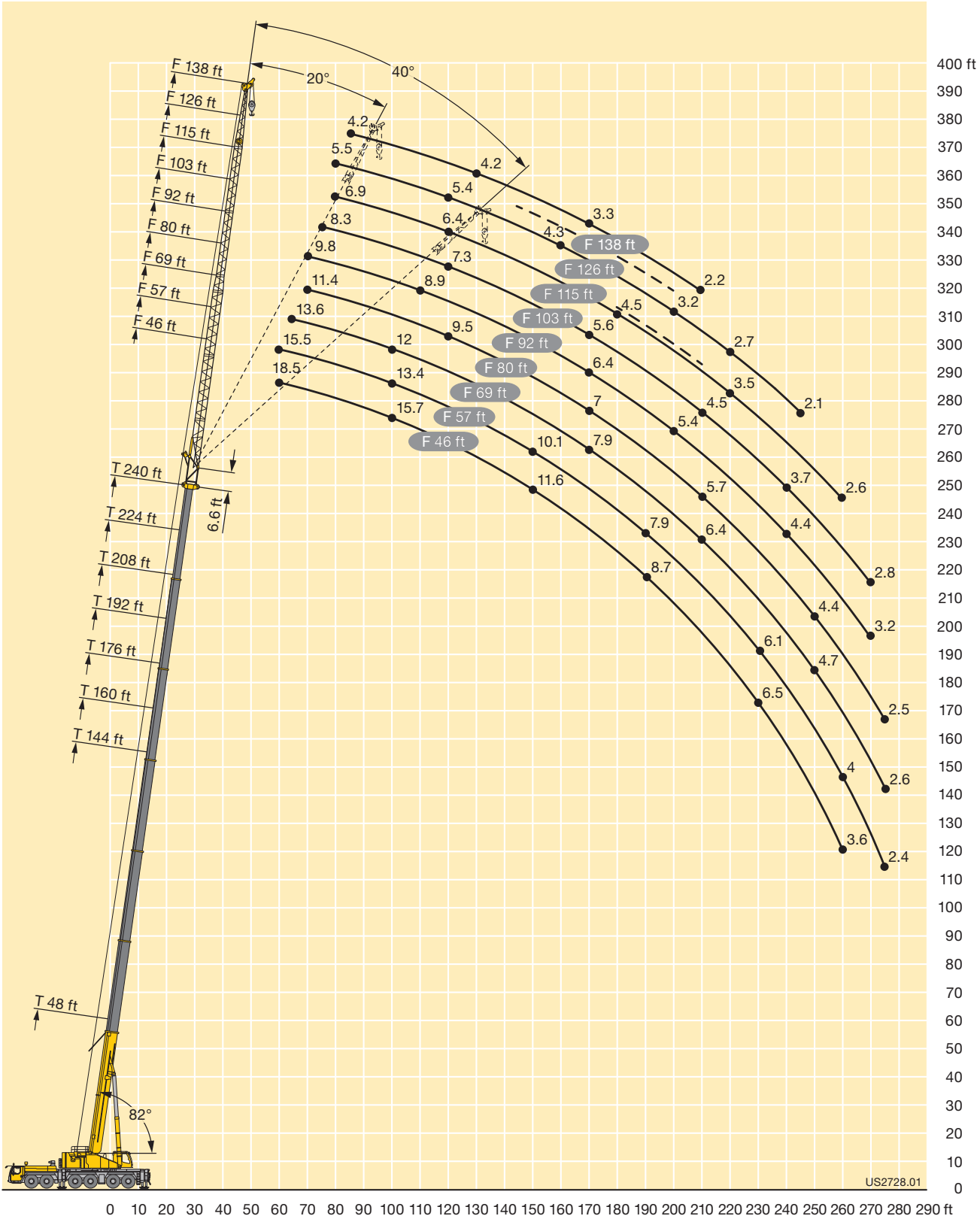
Lifting capacities

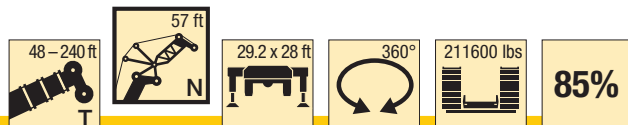
TF

48—240 ft T 138 ft F 29.2 x 28 ft 360° 211600 lbs 85%																											
ft	48 + 6.6 ft*			144 + 6.6 ft*			160 + 6.6 ft*			176 + 6.6 ft*			192 + 6.6 ft*			208 + 6.6 ft*			224 + 6.6 ft*			240 + 6.6 ft*			ft		
	138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft					
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
30	14.2																							30			
32	14																							32			
34	13.7																							34			
36	13.4																							36			
38	13.1																							38			
40	12.7																							40			
45	12																							45			
50	11.3				14																			50			
55	10.6				13.5			12.9																55			
60	10				13			12.5		11.7														60			
65	9.4				12.4			12		11.4			10.5											65			
70	8.8				11.9			11.6		11			10.2											70			
75	8.2				11.5			11.1		10.6			9.9			8.9								75			
80	7.6	6.5			11			10.7		10.2			9.6			8.7			6.9					80			
85	7.2	6.2			10.6			10.4		9.9			9.3			8.5			6.9			4.2		85			
90	6.8	5.8			10.1			10		9.6			9			8.2			6.8			4.2		90			
95	6.5	5.5			9.7			9.6		9.3			8.7			8			6.7			4.2		95			
100	6.1	5.2			9.3	6.5		9.2		8.9			8.5			7.7			6.6			4.3		100			
105	5.8	5			8.9	6.3		8.9	6.3	8.6			8.2			7.5			6.6			4.3		105			
110	5.5	4.7			8.5	6.1		8.5	6.1	8.3	6		7.9			7.2			6.5			4.3		110			
115	5.2	4.5	3.9		8.2	5.8		8.2	5.9	8	5.8		7.6			7			6.3			4.3		115			
120	4.9	4.3	3.7		7.8	5.6		7.8	5.7	7.7	5.6		7.3	5.5		6.8			6.2			4.3		120			
125	4.7	4.1	3.6		7.5	5.5		7.5	5.5	7.5	5.5		7.1	5.4		6.7	5.2		6			4.2		125			
130	4.5	3.9	3.4		7.2	5.3		7.2	5.3	7.2	5.3		6.9	5.2		6.5	5		5.9			4.2		130			
135	4.2	3.8	3.3		6.9	5.1	3.6	7	5.1	6.9	5.1		6.7	5		6.3	4.9		5.8	4.6		4.1		135			
140	4	3.6	3.2		6.7	5	3.6	6.7	5	6.7	5		6.5	4.9		6.1	4.8		5.6	4.5		4		140			
145	3.9	3.5	3.1		6.5	4.8	3.5	6.5	4.9	6.5	4.8	3.4	6.3	4.8		6	4.6		5.5	4.4		3.9	3.7	145			
150	3.7	3.3	3		6.2	4.6	3.4	6.3	4.7	6.3	4.7	3.4	6.1	4.6	3.3	5.8	4.5		5.4	4.3		3.8	3.6	150			
155	3.5	3.2	2.9		6	4.5	3.3	6.1	4.6	6.1	4.6	3.3	6	4.5	3.2	5.7	4.4		5.3	4.2		3.7	3.4	155			
160	3.3	3.1	2.9		5.8	4.4	3.3	5.9	4.4	5.9	4.5	3.3	5.8	4.4	3.2	5.5	4.3	3.1	5.2	4.1		3.5	3.3	160			
165	3.2	3	2.9		5.6	4.2	3.2	5.7	4.3	5.8	4.3	3.2	5.6	4.3	3.2	5.4	4.2	3.1	5	4		3.4	3.1	165			
170	3	3	2.9		5.4	4.1	3.1	5.5	4.2	5.6	4.2	3.1	5.5	4.2	3.1	5.2	4.1	3	4.9	3.9	2.9	3.3	3	170			
175	2.9	2.9	2.9		5.2	4	3.1	5.4	4.1	5.4	4.1	3.1	5.3	4.1	3.1	5.1	4	3	4.8	3.8	2.8	3.1	2.9	175			
180	2.8	2.9			5	3.9	3	5.2	4	5.3	4	3	5.2	4	3	5	3.9	2.9	4.7	3.8	2.8	3	2.7	2.7	180		
185	2.8				4.9	3.8	3	5	3.9	5.1	3.9	3	5	3.9	3	4.9	3.8	2.9	4.6	3.7	2.8	2.8	2.6	2.6	185		
190					4.7	3.7	2.9	4.9	3.8	5	3.8	3	4.9	3.8	2.9	4.8	3.7	2.9	4.5	3.6	2.8	2.7	2.5	2.6	190		
195					4.5	3.6	2.9	4.7	3.7	4.8	3.7	2.9	4.8	3.7	2.9	4.7	3.6	2.9	4.4	3.5	2.8	2.5	2.3	2.5	195		
200					4.4	3.5	2.9	4.6	3.6	4.7	3.6	2.9	4.7	3.6	2.9	4.5	3.6	2.8	4.3	3.5	2.7	2.4	2.2	2.4	200		
205					4.2	3.4	2.9	4.4	3.5	4.5	3.5	2.9	4.6	3.5	2.9	4.4	3.5	2.8	4.2	3.4	2.7	2.3		2.3	205		
210					4.1	3.4	2.9	4.3	3.4	4.4	3.5	2.9	4.4	3.5	2.8	4.3	3.4	2.8	4.1	3.3	2.7	2.2		2.1	210		
215					4	3.3	2.9	4.2	3.4	4.3	3.4	2.9	4.3	3.4	2.8	4.2	3.4	2.8	4	3.3	2.7				215		
220					3.8	3.2	2.9	4	3.3	4.2	3.3	2.9	4.2	3.3	2.8	4.1	3.3	2.8	3.9	3.2	2.7				220		
225					3.7	3.2	2.9	3.9	3.2	4	3.3	2.8	4.1	3.3	2.8	4.1	3.2	2.8	3.7	3.2	2.7				225		
230					3.6	3.1	2.9	3.8	3.2	3.9	3.2	2.8	4	3.2	2.8	4	3.2	2.8	3.5	3.1	2.7				230		
235					3.5	3	2.9	3.7	3.1	3.8	3.1	2.8	3.9	3.1	2.8	3.9	3.1	2.8	3.4	3	2.7				235		
240					3.4	3	2.9	3.6	3.1	3.7	3.1	2.8	3.8	3.1	2.8	3.8	3.1	2.8	3.2	3	2.7				240		
245					3.3	3	2.9	3.5	3	3.6	3	2.8	3.7	3.1	2.8	3.7	3	2.7	3.1	3	2.7				245		
250					3.2	2.9	2.9	3.4	3	3.5	3	2.8	3.6	3	2.8	3.6	3	2.7	2.9	2.9	2.7				250		
255					3.1	2.9	2.9	3.3	2.9	3.4	3	2.8	3.5	3	2.8	3.5	3	2.7	2.8	2.9	2.7				255		
260					3	2.9		3.2	2.9	3.3	2.9	2.8	3.4	2.9	2.8	3.4	2.9	2.7	2.6	2.8	2.7				260		
265					2.9	2.9		3.1	2.9	3.2	2.9	2.8	3.3	2.9	2.8	3.3	2.9	2.7	2.5	2.8	2.7				265		
270					2.8	2.9		3	2.9	3.2	2.9	2.8	3.3	2.9	2.8	3.2	2.8	2.7		2.6	2.7				270		
275					2.8	2.9		2.9	2.9	3.1	2.9	2.8	3.2	2.8	2.8	3	2.8	2.7		2.5	2.7				275		
280								2.9	2.9	3	2.8	2.8	3.1	2.8	2.8	2.7	2.8	2.7		2.3	2.6				280		
285								2.8	2.9	2.9	2.8	2.8	2.9	2.8	2.8	2.3	2.8	2.7		2.2	2.5				285		
290								2.9		2.9	2.8		2.8	2.8	2.8		2.8	2.7			2.4				290		
295										2.8	2.8		2.6	2.8	2.8		2.7	2.7			2.2				295		
300										2.8			2.4	2.7			2.3	2.6							300		
305										2.2			2.1	2.5				2.2							305		
310													2.3												310		

* adapter

t_240_003_50901_00_000 / 52901_00_000 / 54901_00_000





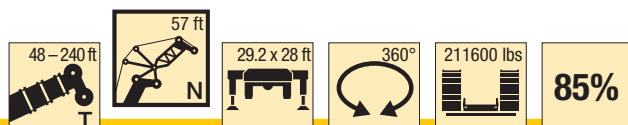
	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			
	57 ft			57 ft			57 ft			57 ft			57 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
26	110.7															26
28	110.8															28
30	110.7			103.2												30
32	110.3			103.9			93.9									32
34	109.3			104.4			94.2			82.8						34
36	108			104.8			94.4			82.8						36
38	107			104.9			94.4			82.7			70.8			38
40	106.1	105.1		104.6			94.4			82.6			70.7			40
45	103.5	98.5		102.5	100.6		94.4			82.6			70.7			45
50	95.6	93.2		100.2	97.6		94.4	91.4		82.6			70.7			50
55	83.9	89.5	86.2	90.4	94.6		93	91.1		82.6	79.8		70.7			55
60	65.5	86.5	81.6	79	91.7	89.2	85.4	89.9		82.6	79.9		70.7	68.2		60
65		78.8	78.3		88	84.7	72.9	88.8		80.5	80.4		70.7	68.2		65
70			77.2		78.3	81.6		86.3	81.7		80.8		70.7	68.2		70
75			72.9			79		78	75.9		78.5	73.1		68.2		75
80						73.7			70.7		73.2	68.2		68.2		80
85									66			63.7		65.9	60.1	85
90												59.7			56.4	90
95															53	95
100															49.9	100

* adapter

t 240 004 50101 00 00

* adapter

t_240_004_50101_00_000



ft	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*		192 + 11.5 ft*		208 + 11.5 ft	224 + 11.5 ft	240 + 11.5 ft	ft
	57 ft			57 ft			57 ft			57 ft		57 ft		57 ft	57 ft	57 ft	
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	82°	75°	82°	82°	82°	
40	60.7																40
45	60.6			49.7													45
50	60.5			49.6			39.3										50
55	60.5			49.6			39.2					25					55
60	60.5			49.6			39			32.2		24.9		18.7			60
65	60.5	58.4		49.6			38.9			32		24.9		18.7	12.7	7.7	65
70	60.5	58.5		49.6			38.9			31.9		24.8		18.6	12.6	7.6	70
75		58.8		49.6	48		38.9			31.9		24.8		18.5	12.4	7.4	75
80		59.1			48.1			37.8				24.8		18.4	12.3	7.3	80
85		59			48			37.6			30.3				12.2	7.2	85
90		59	54.3		47			37.4			30.2						90
95			51.1					37.3			30		23.2				95
100			48.2			40.6					29.9		23.1				100
105			45.5			39.2			33				22.9				105
110						37.9			31.8								110
115									30.9								115

* adapter

t_240_004_50101_00_000

Lifting capacities

TN

48 – 240 ft T 69 ft N 29.2 x 28 ft 360° 211600 lbs 85%																
ft	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			ft
	69 ft			69 ft			69 ft			69 ft			69 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
30	97.7															30
32	97.6			91.4												32
34	97.1			91.5												34
36	96.2			91.6			83.4									36
38	95.1			91.4			83.2			73.4						38
40	94			91.1			83.1			73.4						40
45	91.5	90.3		89.5			82.8			73.1			63.4			45
50	89.4	86.9		87.9	86.8		82.6			73			63.3			50
55	87.9	83		86.8	84.4		82.3	80.5		73			63.3			55
60	83.7	79.6	77.8	85.6	82.5		81.9	79.2		73	70.9		63.3			60
65	73.7	77.3	73.7	81.2	80.8	79.3	81.9	77.7		73	70.8		63.3	61.3		65
70	57.8	75.9	70.6	69.3	79.6	76.3	77	76.6		73	70.5		63.3	61.2		70
75		70.6	68.3	51.8	79.2	73.6	64.4	76	74.2	73	69.9		63.3	61.2		75
80			67.7		71.4	71.4		74.8	70.3		69.7	67.6	63.3	61.2		80
85			65.8			68.6		69.9	65.7		68.3	63.5		61.2		85
90						64.4			61.6		64.2	59.6		60.8	55.9	90
95									57.9			56		58	52.6	95
100												52.9			49.7	100
105															46.9	105
110															44.4	110

* adapter

t_240_004_50201_00_000

* adapter

t_240_004_50201_00_000

48—240 ft T 69 ft N 29.2 x 28 ft 360° 211600 lbs 85%																							
ft	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			208 + 11.5 ft*		224 + 11.5 ft*		240 + 11.5 ft*		ft	
	69 ft			69 ft			69 ft			69 ft			69 ft			69 ft		69 ft		69 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	82°	75°	82°	75°		
45	54.5																				45		
50	54.5			44.9			34.6														50		
55	54.5			44.9			34.5			28.3											55		
60	54.5			44.9			34.2			28.2			21.5								60		
65	54.5			44.9			34			28			21.4			15.9					65		
70	54.5	52.7		44.9			33.9			27.9			21.3			15.7		10.3		5.9	70		
75	54.5	52.8		44.9			33.8			27.8			21.3			15.6		10.1		5.8	75		
80	54.5	52.9		44.9	43.3		33.8			27.8			21.3			15.4		10		5.7	80		
85		53.1		44.9	43		33.8	32.9		27.7			21.3			15.3		9.9		5.6	85		
90		53.3			42.9			32.7		27.7	26.8		21.3			15.3		9.8		5.5	90		
95		53.6	50.5		42.7			32.6		26.7						15.3		9.8		5.5	95		
100		52.9	47.7		42			32.5		26.6				20.2							100		
105			45.1		41.2	37.5		32.5		26.5			20.1			14.1					105		
110			42.7			36.3				26.5			20			13.9					110		
115			40.5						29.4					19.9			13.8		8.7		115		
120						34.2			28.5							13.8		8.6		4.5	120		
125									27.7			22.4					8.5			4.4	125		
130											21.7									4.4	130		
135											21.1					16.2					135		
140																15.7					140		

* adapter

t_240_004_50201_00_000

* adapter

t_240_004_50201_00_000

Lifting capacities

TN

48 – 224 ft T 80 ft N 29.2 x 28 ft  360°  211600 lbs  85% 																
 ft	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			 ft
	80 ft			80 ft			80 ft			80 ft			80 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
34	85.6															34
36	85.3			80.1												36
38	84.3			79.9												38
40	83.4			79.7			72.9									40
45	81.2			78.9			72.6			64.6			56.3			45
50	79.3	78.7		77.5			72.4			64.4			56.2			50
55	77.5	76.4		76.2	75.4		72			64.4			56.1			55
60	76.2	73.7		75	73.7		71.1	70.4		64.4			56.1			60
65	74.5	71.2	70.1	74.3	71.9		70.5	68.9		64.4	62.5		56.1			65
70	70.6	68.8	67	72.6	70.6		70.3	67.6		64.4	62.4		56.1	54.4		70
75	62.6	67.1	64	68.3	69.5	68.5	70.3	66.7		64.4	61.9		56.1	54.3		75
80	51.6	65.8	61.7	59.7	68.8	66.2	66.2	66	65.1	64.4	61.2		56.1	54.3		80
85		61	59.9	48.5	67.9	64.4	57.4	65.6	63.7	64.3	60.7		56.1	54.3		85
90		49.3	59.4		61.5	62.8		65	61.5	54.4	60.6	58.7	56.1	54.3		90
95			57.7		50.8	60.4		61.7	57.9		60.1	55.7		54.3	52.1	95
100						57			54.6		56.8	52.6		53.9	49.3	100
105									51.6			49.7		51.5	46.6	105
110									48.9			47.1			44.2	110
115												44.7			41.9	115
120															39.9	120

* adapter

t_240_004_50301_00_000

* adapter

t_240_004_50301_00_000

48—224 ft T 80 ft N 29.2 x 28 ft 360° 211600 lbs 85%																					
ft	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			208 + 11.5 ft*			224 + 11.5 ft*		ft
	80 ft			80 ft			80 ft			80 ft			80 ft			80 ft			80 ft		
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	
50	48.5																			50	
55	48.5			40.4			30.4													55	
60	48.4			40.4			30.2			24.3										60	
65	48.4			40.3			30.1			24.3			19							65	
70	48.4			40.3			29.9			24.2			19			13.5			8.4	70	
75	48.4	46.9		40.3			29.7			24.1			18.9			13.3			8.3	75	
80	48.4	46.9		40.3			29.6			24			18.9			13.2			8.1	80	
85	48.4	47		40.3	38.7		29.6			23.9			18.9			13.1			8	85	
90	48.4	47		40.3	38.5		29.6	28.8		23.9			18.9			13			8	90	
95	48.4	47		40.3	38.4		29.6	28.7		23.9	23.2		18.9			12.9			7.9	95	
100		47			38.4		29.6	28.6		23.9	23.2		18.9			12.9			7.9	100	
105		47	45		38.2			28.6			23.1			17.7		12.9			7.9	105	
110		47	42.6		37.8	34.5		28.6			23.1			17.6			11.7			110	
115			40.5		37.2	33.8		28.6			23.1			17.5			11.7			115	
120			38.5			32.8		28.6	27.1		23.1			17.4			11.6		6.8	120	
125			36.7			31.9			26.3		23.1			17.4			11.5		6.7	125	
130					31				25.6			20.5					11.5		6.7	130	
135									25			19.9							6.6	135	
140									24.4			19.4			14.8					140	
145												18.9			14.4					145	
150															14			10.3		150	
155																	10			155	

* adapter

t_240_004_50301_00_000

Lifting capacities

TN

48 – 224 ft T 92 ft N 29.2 x 28 ft 360° 211600 lbs 85%																
	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			
	92 ft			92 ft			92 ft			92 ft			92 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
38	74.4															38
40	73.8			70.3												40
45	72			69.5			64.4									45
50	70.3			68.5			64			57.4			50.1			50
55	68.8	68.4		67.3			63.4			57.2			50			55
60	67.4	66.7		66.3	65.8		62.9			56.9			49.9			60
65	66.2	64.9		65.2	64.3		62.2	61.5		56.6			49.7			65
70	65.4	63.3		64.5	63		61.5	60.5		56.3	54.8		49.6			70
75	63.9	61.5	60.6	63.9	61.8		61.2	59.4		56.2	54.8		49.6	47.7		75
80	61.2	60	58.2	62.7	60.8	60.4	61	58.6		56.1	54.4		49.6	48.1		80
85	54.8	58.9	56	59.3	60.1	59	61	57.9	57.4	56.1	53.7		49.6	47.9		85
90	46.6	57.7	54.3	52.7	59.6	57.7	57	57.4	56.4	56	53.3		49.6	47.8		90
95	37.4	53.8	52.9	44.6	59.2	56.4	50.4	57.2	55.3	55.5	53	52.1	49.6	47.7		95
100		45.7	52.5		54.3	55.4	40	56.9	54	48.4	52.8	51.4	49.6	47.7	45.1	100
105			51.8		46.9	53.7		54.8	51.3		52.8	49.3		47.7	46.1	105
110						51		47.2	48.6		50.6	46.7		47.7	44	110
115									46.2		47.8	44.4		46.3	41.8	115
120									43.9			42.2		44	39.8	120
125												40.2			37.9	125
130															36.1	130

* adapter

t_240_004_50401_00_000

* adapter

t_240_004_50401_00_000

48 – 224 ft T 92 ft N 29.2 x 28 ft 360° 211600 lbs 85%																						
ft	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			208 + 11.5 ft*			224 + 11.5 ft*			ft
	92 ft			92 ft			92 ft			92 ft			92 ft			92 ft			92 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°		
55	43.2			36																55		
60	43.2			36			26.2													60		
65	43.2			36			26.1			21.5										65		
70	43.1			36			25.9			21.4			16.8			11.3				70		
75	43.1			36			25.8			21.3			16.7			11.1		6.5		75		
80	43.1	40.8		36			25.7			21.2			16.5			11		6.4		80		
85	43.1	41.5		36			25.5			21.2			16.4			10.9		6.3		85		
90	43.1	41.8		36	34.4		25.5			21.1			16.3			10.8		6.2		90		
95	43.1	41.8		36	34.5		25.5	24.8		21.1			16.2			10.7		6.1		95		
100	43.1	41.8		36	34.3		25.5	24.7		21.1	20.4		16.2			10.7		6.1		100		
105	43.1	41.8		36	34.3		25.5	24.6		21.1	20.3		16.2			10.6		6		105		
110		41.8	39.3		34.3		25.5	24.6		21.1	20.3		16.2	15		10.6		6		110		
115		41.8	39.8		34.3			24.6			20.3		16.2	14.9		10.6	9.5	6		115		
120		41.8	38.1		34	31		24.6			20.3			14.8			9.5		6	120		
125			36.3		33.6	30.4		24.6	23.9		20.3			14.7			9.4		5	125		
130			34.6			29.6		24.6	23.7		20.3			14.7			9.3		4.9	130		
135			33.1			28.8			23.4		20.3	18.7		14.7			9.3		4.9	135		
140			31.6			28.1			22.9			18.2		14.7			9.3		4.9	140		
145						27.4			22.3			17.8			13.4				4.9	145		
150									21.8			17.3			13.1					150		
155												16.9			12.7			8.5		155		
160															12.3			8.4		160		
165																		8.4		165		
170																		8.3		170		

* adapter

t_240_004_50401_00_000

Lifting capacities

TN

48—224 ft T 103 ft N 29.2 x 28 ft 360° 211600 lbs 85%																
ft	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			ft
	103 ft			103 ft			103 ft			103 ft			103 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
45	63.5			60.5						49.9						45
50	62.3			59.9			55.7			49.6						50
55	61.1			59.2			55.3			49.6			43.7			55
60	60	59.4		58.5			54.8			49.3			43.5			60
65	59	58.1		57.7	57.1		54.4			49.1			43.4			65
70	58.1	56.9		57	56.1		54	53.1		48.8			43.3			70
75	57.5	55.8		56.5	55.1		53.6	52.7		48.6	47.2		43.2			75
80	56.6	54.8	54.1	56.1	54.3		53.4	51.9		48.5	47.3		43.2	41.5		80
85	54.2	53.8	52.4	55.3	53.6	53	53.2	51.3		48.4	47.1		43.1	41.9		85
90	50.7	53.2	51	53.8	52.9	52	53.2	50.8		48.4	46.8		43.1	41.8		90
95	45.1	52.2	49.7	49.7	52.6	51.1	53.2	50.3	49.5	48.4	46.5		43.1	41.7		95
100	38.3	50.2	48.7	43.7	52.3	50.3	48	50.1	48.7	48.3	46.3	44.8	43.1	41.6		100
105	31	45.1	48.1	37.3	51.7	49.8	41.9	50	48.1	47.5	46.2	44.9	43.1	41.5		105
110		38.4	47.4		46	49.5	34.7	49.5	47.6	41.3	46.2	44.5	42.6	41.5	39.7	110
115			44.6		39.7	48.2		46.5	46		46.2	44.1	39.1	41.5	40.2	115
120			36.8			45.9		40.1	43.8		45.6	42.3		41.5	39.5	120
125						41.1			41.7		42.5	40.3		41.4	37.7	125
130									39.8			38.5		39.9	36	130
135												36.7			34.4	135
140															32.9	140
145															31.4	145

* adapter

t_240_004_50501_00_000

* adapter

t_240_004_50501_00_000

48—224 ft T 103 ft N 29.2 x 28 ft 360° 211600 lbs 85%																						
ft	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			208 + 11.5 ft*			224 + 11.5 ft*			ft
	103 ft			103 ft			103 ft			103 ft			103 ft			103 ft			103 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
55	37.9																				55	
60	37.9			31.7																	60	
65	37.8			31.7			23.2														65	
70	37.8			31.6			23			19			14.6								70	
75	37.7			31.6			22.9			18.9			14.5		9.4						75	
80	37.7			31.6			22.8			18.8			14.4		9.3		5				80	
85	37.7	35.9		31.6			22.6			18.7			14.2		9.1		4.9				85	
90	37.7	36.2		31.6			22.5			18.7			14.1		9		4.8				90	
95	37.7	36.5		31.6	30.1		22.4			18.6			14		9		4.7				95	
100	37.7	36.5		31.6	30.4		22.4	21.8		18.6			13.9		8.9		4.7				100	
105	37.7	36.5		31.6	30.6		22.4	21.7		18.5	18.1		13.8		8.8		4.6				105	
110	37.7	36.5		31.6	30.6		22.4	21.7		18.5	17.9		13.8		8.7		4.6				110	
115	37.7	36.6	34.1	31.6	30.6		22.4	21.6		18.5	17.8		13.7	12.8	8.7		4.5				115	
120		36.7	34.5	31.6	30.5		22.4	21.6		18.5	17.8		13.7	12.7	8.7	7.8	4.5				120	
125		36.6	35		30.5	28.5		21.6		17.8			13.7	12.6	8.7	7.8	4.5				125	
130		36.6	34.4		30.5	28.1		21.6		17.8			12.5		7.7		4.5	3.6			130	
135		36.6	32.9		30.4	27.4		21.6	21	17.8			12.5		7.6		3.6				135	
140			31.4			26.7		21.6	20.9	17.8			12.4		7.6		3.6				140	
145			30.1			26.1			20.7	17.8	16.8		12.4		7.5		3.5				145	
150			28.8			25.6			20.6		16.4		12.4		7.5		3.5				150	
155						25			20.2		16			11.6	7.5		3.5				155	
160									19.9		15.6			11.6			3.5				160	
165											15.2			11.3		6.9					165	
170														11		7					170	
175														10.7		7.1		3.1			175	
180																7.1		3.2			180	
185																		3.3			185	

* adapter

t_240_004_50501_00_000

Lifting capacities

TN

48 – 208 ft T 115 ft N 29.2 x 28 ft 360° 211600 lbs 85%																
 ft	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			 ft
	115 ft			115 ft			115 ft			115 ft			115 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
45	56.1															45
50	55.4			52.7			48.9									50
55	54.6			52.2			48.6			43.8						55
60	53.7			51.6			48.2			43.6			38.4			60
65	52.8	52.4		51.1			47.8			43.4			38.4			65
70	52	51.4		50.6	50		47.5			43.1			38.3			70
75	51.2	50.3		50	49.3		47.2	46.3		42.9			38.1			75
80	50.6	49.4		49.4	48.5		46.9	46.2		42.7	41.4		38.1			80
85	50.2	48.6	48.2	49.1	47.8		46.7	45.8		42.6	41.7		38	36.5		85
90	49.3	47.8	47.2	48.8	47.1		46.6	45.2		42.6	41.5		38	36.8		90
95	47.2	47.2	46.1	48.5	46.5	45.9	46.5	44.8		42.5	41.3		38	36.9		95
100	44.3	46.8	44.9	48.1	46.1	45.1	46.5	44.4	43.7	42.5	41.1		38	36.8		100
105	39.6	45.9	43.9	44.7	45.9	44.5	46.2	44.1	43.2	42.5	40.9	39.1	38	36.7		105
110	34.3	44.1	43.2	39.7	45.9	44	42.8	44	42.6	42.4	40.8	39.5	38	36.6		110
115	28.6	40	42.8	34.4	45.5	43.6	38.4	44	42.1	41.6	40.7	39.6	38	36.6	34.7	115
120		35	42.2	27.1	41.7	43.4	32.7	43.7	41.8	37.1	40.7	39.2	37.6	36.6	35.2	120
125			39.6		36.7	43.3		42	41.5		40.7	38.9	35.5	36.6	35.5	125
130			34.4			41.6		37.3	39.7		40.7	38.1		36.6	35.3	130
135						38.2			37.9		38.3	36.4		36.6	34	135
140									36.2			34.8		36.1	32.5	140
145												33.3			31.1	145
150												31.9			29.8	150
155															28.6	155

* adapter

t_240_004_50601_00_000

* adapter

t_240_004_50601_00_000

48-208 ft T 115 ft N 29.2 x 28 ft 360° 211600 lbs 85%																			
ft	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			208 + 11.5 ft*			ft
	115 ft			115 ft			115 ft			115 ft			115 ft			115 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
60	33.5																		60
65	33.4			28			20.6												65
70	33.4			28			20.5			16.8									70
75	33.3			28			20.3			16.7			12.3						75
80	33.3			28			20.2			16.6			12.2			7.5			80
85	33.3			28			20.1			16.5			12			7.3			85
90	33.2	31.6		28			20			16.5			11.9			7.2			90
95	33.2	31.8		28			19.9			16.4			11.8			7.2			95
100	33.2	32.1		28	26.6		19.8			16.4			11.7			7.1			100
105	33.2	32.2		28	26.8		19.8	19.3		16.3			11.6			7			105
110	33.2	32.2		28	27		19.8	19.2		16.3	15.9		11.5			6.9			110
115	33.2	32.2		28	27.1		19.8	19.1		16.3	15.8		11.5			6.9			115
120	33.2	32.2	29.8	28	27.2		19.8	19.1		16.3	15.7		11.4	10.6		6.9			120
125	33.2	32.2	30.2	28	27.2		19.8	19		16.3	15.6		11.4	10.5		6.9	6		125
130		32.2	30.6	28	27.2	25	19.8	19		16.3	15.5		11.4	10.4		6.9	6		130
135		32.2	31		27.1	25.2		19		16.3	15.4		11.4	10.3		6.9	5.9		135
140		32.2	30.9		27.1	25.2		19	18.5		15.4			10.3		6.9	5.8		140
145		32.2	29.7		27.1	24.7		19	18.4		15.4			10.2			5.8		145
150			28.5		27.1	24.1		19	18.3		15.4	14.6		10.2			5.8		150
155			27.3			23.6		19	18.2		15.4	14.6		10.2			5.8		155
160			26.2			23.2			18.2			14.5		10.2	9.6		5.8		160
165						22.7			18.1			14.2			9.7		5.8		165
170									17.9			13.9			9.8			5.3	170
175									17.6			13.6			9.7			5.4	175
180												13.3			9.6			5.6	180
185															9.3			5.7	185
190																		5.8	190

* adapter

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* adapter

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Lifting capacities

TN

48—208 ft T 126 ft N 29.2 x 28 ft  360°  211600 lbs  85% 																
 ft	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			 ft
	126 ft			126 ft			126 ft			126 ft			126 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
50	49.1															50
55	48.5			46.3			43.1									55
60	47.9			45.8			42.7			38.6			34			60
65	47.3			45.4			42.4			38.4			34			65
70	46.5			45			42.1			38.2			33.9			70
75	45.8	45.4		44.5	43.9		41.8			38			33.8			75
80	45.2	44.6		44.1	43.7		41.6	40.6		37.9			33.7			80
85	44.6	43.8		43.7	43.1		41.4	40.7		37.7	36.5		33.6			85
90	44.2	43		43.4	42.5		41.2	40.4		37.6	36.6		33.5	32.2		90
95	43.8	42.4	42	43.1	41.9		41.1	40.1		37.5	36.6		33.5	32.4		95
100	43.1	41.8	41.2	42.8	41.4	41	41	39.8		37.5	36.5		33.5	32.5		100
105	42.1	41.4	40.4	41.9	40.9	40.4	40.7	39.4	38.4	37.5	36.3		33.5	32.5		105
110	40	41.1	39.7	40.8	40.7	39.7	40.1	39.1	38.5	37.5	36.2		33.5	32.4		110
115	36	40.7	39	38.4	40.5	39.2	39.2	39	38	37.5	36.1	34.6	33.5	32.4		115
120	31.6	39.6	38.5	35.3	40	38.8	37.4	38.8	37.6	37.3	36.1	34.9	33.5	32.4	30.5	120
125	26.9	36.4	38.2	31.1	39.1	38.5	34.4	38.6	37.2	36.6	36	34.9	33.5	32.4	30.8	125
130		32.4	37.8	26.2	36.9	38.4	29.9	38.2	37	33.3	36	34.7	33.3	32.4	31.1	130
135		27	36.1		33.2	38.4		37	36.8	28.7	36	34.5	31.7	32.4	31.4	135
140			32.2		28	37.5		33.8	36		35.9	34.2		32.4	31.4	140
145						34.6			34.4		34	33		32.4	30.7	145
150						28.9			33		29.3	31.7		32.4	29.5	150
155									31			30.4			28.3	155
160												29.2			27.1	160
165															26.1	165

* adapter

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* adapter

t_240_004_50701_00_000

48-208 ft T 126 ft N 29.2 x 28 ft 360° 211600 lbs 85%																			
 ft	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			208 + 11.5 ft*			 ft
	126 ft			126 ft			126 ft			126 ft			126 ft			126 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
65	29.6																		65
70	29.6			24.7			18.2												70
75	29.6			24.7			18.1			14.8									75
80	29.5			24.7			18			14.7			10.3			5.8			80
85	29.4			24.6			17.9			14.6			10.1			5.8			85
90	29.4			24.6			17.8			14.6			10			5.7			90
95	29.4			24.6			17.7			14.5			9.9			5.6			95
100	29.3	28.1		24.6			17.7			14.4			9.8			5.5			100
105	29.3	28.3		24.6	23.4		17.6			14.4			9.7			5.4			105
110	29.3	28.4		24.6	23.5		17.5	17.1		14.3			9.6			5.4			110
115	29.3	28.5		24.6	23.7		17.5	16.9		14.3	13.5		9.5			5.3			115
120	29.3	28.5		24.6	23.9		17.5	16.8		14.2	13.4		9.5			5.3			120
125	29.3	28.5		24.6	23.9		17.5	16.8		14.2	13.3		9.5	8.6		5.2			125
130	29.3	28.5	26.5	24.6	24		17.5	16.8		14.2	13.2		9.4	8.6		5.2	4.4		130
135	29.3	28.4	26.8	24.6	24		17.5	16.8		14.2	13.1		9.4	8.5		5.2	4.4		135
140	29	28.4	27.2	24.6	24.1	22.1	17.5	16.8		14.2	13.1		9.4	8.4		5.2	4.3		140
145		28.4	27.5		24.1	22.4	17.5	16.8	16.4	14.2	13.1		9.4	8.4		5.2	4.3		145
150		28.4	27.7		24.1	22.4		16.8	16.3		13.1			8.4		5.2	4.2		150
155		28.4	26.9		24.1	22.2		16.8	16.2		13.1	12.3		8.4			4.2		155
160			25.9		24.1	21.8		16.8	16.1		13.1	12.5		8.4			4.2		160
165			24.8			21.4		16.8	16.1		13.1	12.6		8.4	7.9		4.2		165
170			23.9			21			16		13.1	12.6		8.4	8		4.2		170
175						20.7			16			12.5		8.4	8.1		4.2	3.9	175
180						20.1			16			12.4			8.2			4	180
185									15.9			12.1			8.3			4.2	185
190												11.9			8.3			4.3	190
195															8.1			4.3	195
200																		4.2	200

* adapter

† 240 004 50701 00 000

* adapter

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Lifting capacities

TN

48—192 ft  138 ft  29.2 x 28 ft  360°  211600 lbs  85% 																
 ft	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			ft 
	138 ft			138 ft			138 ft			138 ft			138 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
55	43.2			41												55
60	42.7			40.7			37.9									60
65	42.1			40.3			37.7			34.1			30.1			65
70	41.6			40			37.4			33.9			30			70
75	41			39.6			37.1			33.7			29.9			75
80	40.5	40.3		39.2	38.6		36.9			33.5			29.8			80
85	40	39.6		38.9	38.5		36.7	35.7		33.4			29.7			85
90	39.5	38.9		38.6	38.2		36.5	35.8		33.3	32.1		29.6			90
95	38.9	38.2		38.3	37.7		36.3	35.7		33.1	32.2		29.6	28.4		95
100	38	37.7	37.6	37.6	37.2		36	35.4		33	32.3		29.6	28.6		100
105	37.2	37.2	36.8	36.9	36.8	36.4	35.7	35.2		33	32.2		29.5	28.7		105
110	35.9	36.7	36.2	35.9	36.5	36	35.4	35	33.6	33	32.1		29.5	28.7		110
115	34.7	35.9	35.6	34.7	36	35.5	34.5	34.7	33.8	32.8	32		29.5	28.7		115
120	33.2	35	35.1	33.6	35.1	34.9	33.4	34.4	33.8	32.3	31.8	30.2	29.5	28.6		120
125	31.3	33.8	34.6	32.5	34.3	34.6	32.4	33.9	33.5	31.8	31.8	30.5	29.5	28.6	26.7	125
130	28.5	32.7	33.9	31.1	33.2	34.2	31.5	33.3	33.2	31.1	31.8	30.8	29.5	28.6	26.9	130
135	24.7	31.6	32.9	28	32.1	33.5	29.8	32.3	32.9	30.2	31.7	30.8	29.4	28.6	27.2	135
140	20.1	29.2	31.9	24.2	31.2	32.7	27.1	31.4	32.6	28.8	31.1	30.7	28.8	28.6	27.5	140
145		25.2	30.9		29.3	31.7		30.5	32.1	26.5	30.5	30.5	28	28.6	27.7	145
150			29		26	30.8		29.4	31.3		29.7	30.4		28.6	27.7	150
155						29.9		26.4	30.4		29.1	30		28.5	27.6	155
160						27.4			29.7		27	28.8		28.1	26.7	160
165									28.6			27.7		26.9	25.7	165
170												26.6			24.7	170
175															23.8	175
180															22.8	180

* adapter

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* adapter

t_240_004_50801_00_000

48—192 ft T 138 ft N 29.2 x 28 ft 360° 211600 lbs 85%																
ft	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			ft
	138 ft			138 ft			138 ft			138 ft			138 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
70	26.1			21.9												70
75	26			21.9			15.9									75
80	25.9			21.8			15.9			12.8						80
85	25.9			21.8			15.8			12.7			8.3			85
90	25.8			21.8			15.7			12.6			8.1			90
95	25.8			21.8			15.7			12.5			8.1			95
100	25.8			21.8			15.6			12.3			7.9			100
105	25.7	24.7		21.8			15.6			12.2			7.9			105
110	25.7	24.8		21.8	20.7		15.5			12.1			7.8			110
115	25.7	24.9		21.8	20.8		15.4	15		12			7.7			115
120	25.7	25		21.8	21		15.4	14.9		11.9	11.3		7.6			120
125	25.7	25		21.8	21.1		15.4	14.8		11.9	11.2		7.6			125
130	25.7	25		21.8	21.2		15.4	14.7		11.9	11.1		7.5	6.8		130
135	25.7	25	23.1	21.8	21.2		15.4	14.7		11.9	11		7.5	6.7		135
140	25.7	24.9	23.3	21.8	21.3		15.4	14.6		11.9	10.9		7.5	6.7		140
145	25.3	24.9	23.6	21.8	21.2	19.4	15.4	14.6		11.9	10.9		7.5	6.6		145
150	24.9	24.9	23.9	21.8	21.2	19.6	15.4	14.6	14.2	11.9	10.9		7.5	6.6		150
155		24.9	24.2		21.2	19.9	15.4	14.6	14.2	11.9	10.9		7.5	6.6		155
160		24.9	24.3		21.2	20.1		14.6	14.1		10.9		7.5	6.6		160
165		24.9	24.3		21.2	20		14.6	14.1		10.9	10.5		6.6		165
170			23.8		21.2	19.7		14.6	14.1		10.9	10.7		6.6		170
175			22.9			19.4		14.6	14.1		10.9	10.8		6.6	6.4	175
180			22			19.1			14		10.9	10.9		6.6	6.5	180
185			21.2			18.8			14			10.9		6.6	6.6	185
190						18.3			14			10.8			6.7	190
195									14			10.7			6.7	195
200												10.5			6.6	200
205															6.6	205

* adapter

t_240_004_50801_00_000

Lifting capacities

TN

48—192 ft T 149 ft N 29.2 x 28 ft 360° 211600 lbs 85%																
ft	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			ft
	149 ft			149 ft			149 ft			149 ft			149 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
60	37.8			35.9												60
65	37.4			35.7												65
70	36.9			35.4			33.3			30.1			26.5			70
75	36.5			35.1			32.8			29.8			26.3			75
80	36.1			34.8			32.6			29.7			26.3			80
85	35.8	35.5		34.5	33.7		32.4			29.5			26.2			85
90	35.4	35.1		34.3	33.7		32.2	31.3		29.4			26.1			90
95	35	34.5		34	33.6		32.1	31.4		29.3	28.2		26			95
100	34.6	34		33.8	33.3		31.9	31.4		29.2	28.3		26	25		100
105	34.3	33.5	33.4	33.6	33		31.8	31.2		29.1	28.4		25.9	25.1		105
110	34.1	33.1	32.9	33.5	32.7	31.7	31.7	31.1		29	28.4		25.9	25.2		110
115	33.8	32.6	32.2	33.3	32.4	31.9	31.6	30.9		29	28.3		25.9	25.3		115
120	33.6	32.3	31.7	33.2	32.1	31.6	31.6	30.7	29.5	29	28.2		25.9	25.2		120
125	33.3	32.1	31.3	33	31.9	31.2	31.5	30.6	29.7	29	28.1	26.4	25.9	25.1		125
130	31.4	32	30.9	32.4	31.7	30.9	31.5	30.5	29.8	29	28	26.7	25.9	25.1		130
135	28.6	32	30.7	30.5	31.7	30.6	30.8	30.4	29.6	29	28	26.9	25.9	25.1	23.5	135
140	25.7	31.3	30.5	28.3	31.7	30.4	29.7	30.3	29.4	29	28	27.1	25.9	25.1	23.7	140
145	22.6	29.2	30.4	25.5	31.2	30.2	27.8	30.3	29.2	28.9	28	27.2	25.9	25.1	24	145
150	19.2	26.5	30.2	22.3	29.6	30.1	24.8	30.2	29	27	28	27.1	25.9	25.1	24.3	150
155		23.4	29.1		27.3	30.1	21.4	29.7	29	24.2	28	27.1	25.6	25.1	24.3	155
160		18.7	26.8		24	29.8		27.8	29		28	27	24.1	25.1	24.3	160
165			23.1			28.5		24.6	28.7		27.6	27		25.1	24.3	165
170						25.3			27.6		25.1	26.4		25.1	24.3	170
175									26.4			25.4		24.9	23.8	175
180												24.4			22.9	180
185												23.5			22	185
190															21.2	190

* adapter

t_240_004_50901_00_000

* adapter

t_240_004_50901_00_000

48 – 192 ft T 149 ft N 29.2 x 28 ft  360°  211600 lbs  85% 																
 ft	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			 ft
	149 ft			149 ft			149 ft			149 ft			149 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
70	23.1															70
75	23.1			19.4												75
80	23			19.4			14.1									80
85	23			19.4			14			10.9			6.8			85
90	22.9			19.3			14			10.8			6.7			90
95	22.9			19.3			13.9			10.7			6.6			95
100	22.8			19.3			13.8			10.6			6.5			100
105	22.8			19.3			13.8			10.4			6.4			105
110	22.8	21.8		19.3			13.7			10.3			6.3			110
115	22.8	21.9		19.3	18.3		13.7			10.3			6.3			115
120	22.8	22.1		19.3	18.4		13.6	13.3		10.2			6.2			120
125	22.8	22.1		19.3	18.5		13.6	13.2		10.1	9.5		6.1			125
130	22.8	22.1		19.3	18.6		13.6	13.1		10.1	9.4		6.1			130
135	22.8	22.2		19.3	18.7		13.5	13		10	9.3		6.1	5.4		135
140	22.8	22.2	20.3	19.3	18.8		13.5	12.9		10	9.2		6	5.3		140
145	22.8	22.2	20.5	19.3	18.8		13.5	12.8		10	9.2		6	5.2		145
150	22.8	22.2	20.7	19.3	18.8	17	13.5	12.8		10	9.2		6	5.2		150
155	22.8	22.3	21	19.3	18.8	17.2	13.5	12.8		10	9.2		6	5.2		155
160	22.8	22.3	21.2	19.3	18.7	17.4	13.5	12.8	12.5	10	9.2		6	5.2		160
165		22.3	21.4	19.3	18.7	17.7	13.5	12.8	12.5	10	9.2		6	5.2		165
170		22.3	21.6		18.7	17.8		12.8	12.4	10	9.2	8.9	6	5.2		170
175		22.3	21.7		18.7	17.9		12.8	12.4		9.2	9		5.2		175
180		22.3	21.7		18.7	17.8		12.8	12.4		9.2	9.2		5.2	5.1	180
185			21		18.7	17.6		12.8	12.3		9.2	9.3		5.2	5.2	185
190			20.2			17.3			12.3			9.3		5.2	5.3	190
195			19.4			17.1			12.3			9.2		5.2	5.3	195
200						16.7			12.3			9.2			5.4	200
205									12.3			9.2			5.3	205
210												9.2			5.3	210
215												9.1			5.3	215
220															5.3	220

* adapter

t_240_004_50901_00_000

TN

* adapter

t_240_004_51001_00_000

TN

* adapter

t_240_004_51101_00_000

Lifting capacities

TN

48—160 ft T 184 ft N 29.2 x 28 ft 360° 211600 lbs 85%																										
ft	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			ft	
	184 ft			184 ft			184 ft			184 ft			184 ft			184 ft			184 ft			184 ft				
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°		
70	26.1																							70		
75	25.9																							75		
80	25.6																							80		
85	25.3																							85		
90	25.1																							90		
95	24.8																							95		
100	24.6	24.1																						100		
105	24.3	24.1																						105		
110	24	24																						110		
115	23.7	23.8																						115		
120	23.4	23.5																						120		
125	23.1	23.2	22.6																					125		
130	22.9	22.9	22.6																					130		
135	22.6	22.7	22.5																					135		
140	22.3	22.4	22.2																					140		
145	22.1	22.1	21.9																					145		
150	21.8	21.9	21.7																					150		
155	21.6	21.6	21.5																					155		
160	21.2	21.5	21.3																					160		
165	20.8	21.3	21.1																					165		
170	19.7	21.1	21																					170		
175	17.7	21	20.9																					175		
180	15.6	20.4	20.8																					180		
185	13	18.5	20.8																					185		
190		16.2	20.4																					190		
195			18.9																					195		
200			16.5																					200		
205																								205		
210																								210		
215																								215		
220																								220		
225																								225		
230																								230		
235																								235		
240																								240		

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* adapter

t_240_004_51201_00_000

Lifting capacities

TN

48—160 ft T 195 ft N 29.2 x 28 ft 360° 211600 lbs 85%																										
ft	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			ft	
	195 ft			195 ft			195 ft			195 ft			195 ft			195 ft			195 ft			195 ft				
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°		
75	22.9			21.8																				75		
80	22.6			21.6			20.2			18.3														80		
85	22.4			21.4			20.1			18.2			16.2											85		
90	22.2			21.3			19.9			18.1			16.1			14			11.5					90		
95	22			21.1			19.8			18			16.1			14			11.5			7.3		95		
100	21.8			20.9			19.7			17.9			16			13.9			11.6			7.2		100		
105	21.5	21		20.7			19.5			17.9			15.9			13.9			11.5			7.1		105		
110	21.3	21		20.6	20.1		19.4			17.8			15.9			13.9			11.4			7		110		
115	21	20.9		20.4	20.1		19.3	18.8		17.7			15.8			13.8			11.3			6.9		115		
120	20.7	20.8		20.1	20		19.1	18.8		17.6	17		15.8			13.8			11.2			6.8		120		
125	20.3	20.5		19.8	20		18.9	18.8		17.5	17.1		15.7	15.2		13.8			11.1			6.7		125		
130	20.1	20.2	19.6	19.5	19.7		18.7	18.8		17.4	17.1		15.7	15.2		13.7	13.1		11			6.6		130		
135	19.8	20	19.6	19.3	19.4		18.5	18.6		17.3	17.1		15.6	15.3		13.7	13.2		11	10.2		6.6		135		
140	19.6	19.7	19.6	19.1	19.2	18.7	18.3	18.4		17.2	17		15.6	15.3		13.7	13.2		10.9	10.2		6.6	6	140		
145	19.3	19.4	19.6	18.8	19	18.7	18.1	18.2	17.3	17	17		15.5	15.3		13.7	13.3		10.9	10.2		6.5	6	145		
150	19.1	19.2	19.3	18.6	18.7	18.7	17.9	18	17.4	16.8	16.9	15.6	15.5	15.2		13.7	13.3		10.9	10.3		6.5	6	150		
155	18.9	18.9	19.1	18.4	18.5	18.6	17.7	17.8	17.5	16.6	16.7	15.7	15.4	15.2		13.7	13.2		10.9	10.3		6.5	6	155		
160	18.7	18.7	18.8	18.2	18.3	18.4	17.5	17.6	17.5	16.5	16.6	15.7	15.3	15.1	13.9	13.7	13.2		10.9	10.4		6.5	6.1	160		
165	18.5	18.5	18.6	18	18.1	18.2	17.3	17.4	17.5	16.3	16.4	15.9	15.1	15.1	14	13.7	13.2	11.9	10.9	10.5		6.5	6.2	165		
170	18.4	18.3	18.4	17.8	17.9	17.9	17.1	17.2	17.3	16.2	16.3	16	15	15	14.1	13.6	13.2	12	10.9	10.6		6.5	6.3	170		
175	18.2	18.2	18.2	17.7	17.7	17.7	17	17	17.1	16	16.1	16.1	14.9	14.9	14.2	13.5	13.2	12.1	10.9	10.8	9.8	6.5	6.4	175		
180	17.5	18.1	18	17.6	17.6	17.6	16.9	16.9	16.9	16	15.9	16	14.8	14.7	14.3	13.5	13.2	12.2	10.9	10.9	9.9	6.5	6.5	180		
185	16	18	17.9	16.8	17.4	17.4	16.7	16.7	16.8	15.9	15.8	15.8	14.8	14.6	14.4	13.4	13.2	12.3	10.9	10.9	10	6.5	6.6	6.1	185	
190	14.3	17.6	17.8	15.9	17.3	17.3	16.4	16.6	16.6	15.9	15.7	15.7	14.7	14.5	14.4	13.4	13.2	12.5	10.9	11	10.1	6.5	6.6	6.2	190	
195	12.2	16.6	17.7	14.3	17.2	17.2	15.8	16.6	16.5	15.9	15.6	15.6	14.7	14.5	14.4	13.3	13.2	12.6	10.9	11.1	10.2	6.5	6.5	6.3	195	
200		15	17.6		16.9	17.1	14.1	16.6	16.4	15.2	15.6	15.4	14.7	14.4	14.3	13.3	13.1	12.8	10.9	11.1	10.3	6.5	6.5	6.4	200	
205		12.4	17.1		15.6	17.1		16.6	16.3		15.5	15.4	14.4	14.4	14.2	13.3	13.1	12.9	10.9	11.1	10.5	6.5	6.5	6.5	205	
210			15.4			17.1		15.7	16.3		15.5	15.3		14.4	14.2		13.1	12.8	10.9	11	10.7	6.5	6.5	6.6	210	
215						16.5			16.3		15.4	15.3		14.4	14.2		13.1	12.8		11	10.8		6.5	6.5	215	
220									16.3			15.3		14.4	14.1		13.1	12.8		11	10.9		6.5	6.5	220	
225									15.1			15.3			14.1		13.1	12.8		11	11		6.5	6.5	225	
230												15.3			14.1			12.8		11	11		6.5	6.5	230	
235															14.1			12.8			11		6.5	6.5	235	
240																		12.8			10.9			6.5	240	
245																				10.7				6.5	245	
250																								6.5	250	
255																								6.5	255	

* adapter

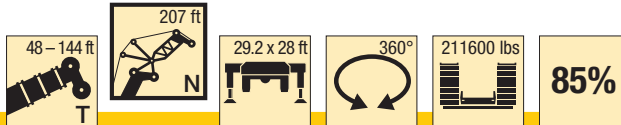
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* adapter

t_240_004_51301_00_000

Lifting capacities

TN



 ft	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			128 + 11.5 ft*			144 + 11.5 ft*			 ft
	207 ft			207 ft			207 ft			207 ft			207 ft			207 ft			207 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
80	20.2			19.2																		80
85	20			19.1			17.8			16.1												85
90	19.8			18.9			17.7			16			14.2			12.1						90
95	19.6			18.7			17.5			15.9			14.1			12.1			9.8			95
100	19.4			18.6			17.4			15.8			14.1			12.1			9.8			100
105	19.1			18.4			17.3			15.8			14			12.1			9.7			105
110	18.9	18.5		18.2			17.2			15.7			14			12.1			9.6			110
115	18.6	18.4		18.1	17.7		17.1			15.6			13.9			12.1			9.4			115
120	18.4	18.4		17.8	17.6		16.9	16.5		15.5			13.9			12			9.3			120
125	18.1	18.2		17.6	17.6		16.7	16.5		15.4	14.9		13.8			12			9.3			125
130	17.8	18		17.3	17.5		16.5	16.5		15.3	14.9		13.7	13.3		12			9.2			130
135	17.5	17.7	17.1	17.1	17.3		16.3	16.5		15.2	15		13.7	13.3		11.9	11.3		9.2			135
140	17.3	17.4	17.1	16.8	17		16.1	16.3		15.1	15		13.7	13.3		11.9	11.3		9.2	8.4		140
145	17	17.2	17.1	16.6	16.8	16.2	15.9	16.1		15	14.9		13.6	13.3		11.9	11.4		9.2	8.4		145
150	16.8	16.9	17.1	16.4	16.5	16.3	15.7	15.9	15.1	14.8	14.9		13.5	13.3		11.8	11.4		9.2	8.5		150
155	16.6	16.7	16.9	16.1	16.3	16.3	15.5	15.7	15.1	14.6	14.7		13.4	13.2		11.8	11.4		9.2	8.5		155
160	16.4	16.5	16.6	15.9	16	16.2	15.3	15.4	15.2	14.4	14.6	13.6	13.3	13.2		11.8	11.5		9.2	8.6		160
165	16.2	16.2	16.4	15.7	15.8	16	15.1	15.2	15.2	14.2	14.4	13.7	13.2	13.1	12	11.8	11.5		9.2	8.7		165
170	16	16	16.1	15.6	15.6	15.8	15	15.1	15.1	14.1	14.2	13.7	13	13	12.1	11.8	11.4		9.2	8.7		170
175	15.8	15.8	15.9	15.4	15.4	15.6	14.8	14.9	15	13.9	14	13.8	12.9	12.9	12.2	11.7	11.4	10.3	9.2	8.8		175
180	15.7	15.7	15.7	15.3	15.3	15.4	14.7	14.7	14.8	13.8	13.9	13.8	12.8	12.8	12.3	11.6	11.4	10.4	9.2	8.9	8.2	180
185	15.6	15.5	15.6	15.2	15.2	15.2	14.6	14.5	14.6	13.7	13.7	13.7	12.7	12.7	12.4	11.5	11.4	10.5	9.2	9.1	8.3	185
190	15.1	15.4	15.4	15	15	15	14.5	14.4	14.5	13.7	13.6	13.6	12.6	12.6	12.4	11.4	11.4	10.6	9.2	9.2	8.4	190
195	14	15.3	15.3	14.6	14.9	14.9	14.4	14.3	14.3	13.6	13.5	13.5	12.6	12.5	12.4	11.4	11.3	10.7	9.2	9.2	8.5	195
200	12.9	15.2	15.2	14.1	14.8	14.8	14.4	14.2	14.2	13.6	13.4	13.4	12.5	12.4	12.4	11.4	11.3	10.8	9.2	9.3	8.6	200
205	11.2	14.6	15.2	13	14.8	14.7	14.1	14.2	14.1	13.6	13.4	13.3	12.5	12.3	12.3	11.4	11.2	10.9	9.2	9.4	8.7	205
210		13.7	15.1	11.3	14.8	14.7	12.7	14.2	14	13.3	13.3	13.2	12.5	12.3	12.2	11.4	11.2	11	9.2	9.3	8.8	210
215		11.6	15		14.1	14.6		14.2	14	12.2	13.3	13.2	12.3	12.3	12.2	11.3	11.1	11	9.2	9.3	9	215
220			14.1			14.6		13.8	14		13.3	13.1		12.3	12.1	10.8	11.1	11	9.1	9.3	9.2	220
225						14.4		12.4	13.9		13.3	13.1		12.3	12.1		11.1	10.9		9.3	9.3	225
230									13.9			13.1		12.3	12		11.1	10.9		9.3	9.3	230
235									13.8			13.1			12		11.1	10.9		9.3	9.3	235
240												13.1			12			10.9		9.3	9.3	240
245															12			10.9			9.3	245
250																		10.9			9.3	250
255																					9.3	255
260																					9.2	260

* adapter

t_240_004_51401_00_000

48—144 ft T 218 ft N 29.2 x 28 ft 360° 211600 lbs 85%																												
ft	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			128 + 11.5 ft*			144 + 11.5 ft*			ft						
	218 ft			218 ft			218 ft			218 ft			218 ft			218 ft			218 ft									
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°							
80	17.9																					80						
85	17.8						17															85						
90	17.7						16.9					14.2			12.3							90						
95	17.5						16.7					14.1			12.3			10.4				95						
100	17.3						16.6					14			12.3			10.4			8.1	100						
105	17.1						16.4					14			12.2			10.4			8	105						
110	16.9						16.3					13.9			12.2			10.4			7.9	110						
115	16.7	16.4					16.1					13.8			12.2			10.4			7.8	115						
120	16.4	16.3					15.9	15.6				13.7			12.2			10.4			7.6	120						
125	16.2	16.2					15.7	15.6			14.5	13.6			12.1			10.4			7.6	125						
130	16	16.1					15.5	15.5			14.8	14.5			12.1			10.3			7.5	130						
135	15.7	15.8					15.3	15.4			14.6	14.5			13.5	13.1		10.3			7.4	135						
140	15.4	15.6					15	15.2			14.4	14.5			13.3	13.1		12	11.5		10.3	9.8	7.4		140			
145	15.2	15.4	15.1				14.8	15			14.2	14.4			13.2	13.1		12	11.6		10.3	9.9	7.4	6.8	145			
150	15	15.1	15.1	14.6	14.7	14.2	14	14.2			13.1	13.1			11.9	11.6		10.3	9.9		10.3	9.9	7.4	6.8	150			
155	14.8	14.9	15	14.4	14.5	14.3	13.8	14	13.2	13	13				11.9	11.5		10.3	9.9		10.3	9.9	7.4	6.9	155			
160	14.6	14.7	14.8	14.2	14.3	14.3	13.6	13.8	13.2	12.8	12.9				11.7	11.5		10.2	9.9		10.2	9.9	7.4	7	160			
165	14.4	14.5	14.6	14	14.1	14.2	13.4	13.6	13.3	12.6	12.7	11.9			11.6	11.5		10.2	9.9		10.2	9.9	7.4	7	165			
170	14.2	14.3	14.4	13.8	13.9	14	13.2	13.3	13.3	12.4	12.6	11.9			11.5	11.4	10.4	10.2	9.9		10.2	9.9	7.4	7.1	170			
175	14	14.1	14.2	13.7	13.7	13.8	13.1	13.1	13.2	12.3	12.4	12			11.3	11.3	10.5	10.2	9.9		10.2	9.9	7.4	7.2	175			
180	13.8	13.9	14	13.5	13.5	13.6	13	13	13.1	12.2	12.2	12			11.2	11.2	10.6	10.1	9.9	8.8	10.1	9.9	8.8	7.4	7.3	180		
185	13.7	13.7	13.8	13.3	13.4	13.4	12.8	12.8	13	12.1	12.1	12			11.2	11.2	10.6	10.1	9.9	8.8	10.1	9.9	8.8	7.4	7.3	185		
190	13.6	13.6	13.6	13.2	13.2	13.3	12.7	12.7	12.8	11.9	12	12			11.1	11.1	10.7	10	9.9	8.9	10.1	9.9	8.9	7.4	7.4	7	190	
195	13.5	13.5	13.5	13.1	13.1	13.1	12.6	12.6	12.7	11.9	11.9	11.9			11	11	10.8	9.9	9.8	9	10.1	9.9	9.8	9	7.4	7.5	7.1	195
200	13.2	13.4	13.4	13.1	13	13	12.5	12.5	12.5	11.8	11.8	11.8			10.9	10.9	10.8	9.9	9.8	9.1	10.1	9.9	9.8	9.1	7.4	7.6	7.2	200
205	12.4	13.3	13.3	12.8	12.9	12.9	12.5	12.4	12.4	11.8	11.7	11.7			10.9	10.8	10.8	9.8	9.7	9.3	10.1	9.9	9.8	9.3	7.4	7.6	7.3	205
210	11.5	13.2	13.2	12.5	12.8	12.8	12.5	12.3	12.3	11.7	11.6	11.6			10.9	10.7	10.7	9.8	9.7	9.4	10.1	9.9	9.8	9.3	7.4	7.5	7.3	210
215	10.2	12.8	13.1	11.7	12.8	12.7	12.4	12.3	12.2	11.7	11.5	11.5			10.9	10.6	10.6	9.8	9.6	9.4	10.1	9.9	9.8	9.3	7.4	7.5	7.4	215
220		12.4	13.1	10.2	12.8	12.7	11.5	12.2	12.1	11.6	11.5	11.4			10.8	10.6	10.6	9.7	9.6	9.5	10.1	9.9	9.8	9.3	7.4	7.5	7.5	220
225		10.6	13.1		12.5	12.6		12.2	12.1	11.1	11.5	11.4			10.5	10.6	10.5	9.5	9.6	9.5	10.1	9.9	9.8	9.3	7.4	7.5	7.5	225
230			12.7		11.2	12.6		12.2	12.1		11.5	11.3				10.6	10.4	9	9.6	9.4	10.1	9.9	9.8	9.3	7.4	7.5	7.6	230
235			10.7			12.6		11.4	12		11.5	11.3				10.6	10.4		9.6	9.4	10.1	9.9	9.8	9.3	7.4	7.5	7.5	235
240						12			12		11.3	11.3				10.6	10.4		9.6	9.3	10.1	9.9	9.8	9.3	7.4	7.5	7.5	240
245									12			11.3				10.6	10.3		9.6	9.3	10.1	9.9	9.8	9.3	7.4	7.5	7.5	245
250												11.3					10.3			9.3	10.1	9.9	9.8	9.3	7.4	7.5	7.5	250
255																	10.3			9.3	10.1	9.9	9.8	9.3	7.4	7.5	7.5	255
260																			9.3		10.1	9.9	9.8	9.3	7.4	7.5	7.5	260
265																			9.3		10.1	9.9	9.8	9.3	7.4	7.5	7.5	265
270																					10.1	9.9	9.8	9.3	7.4	7.5	7.5	270

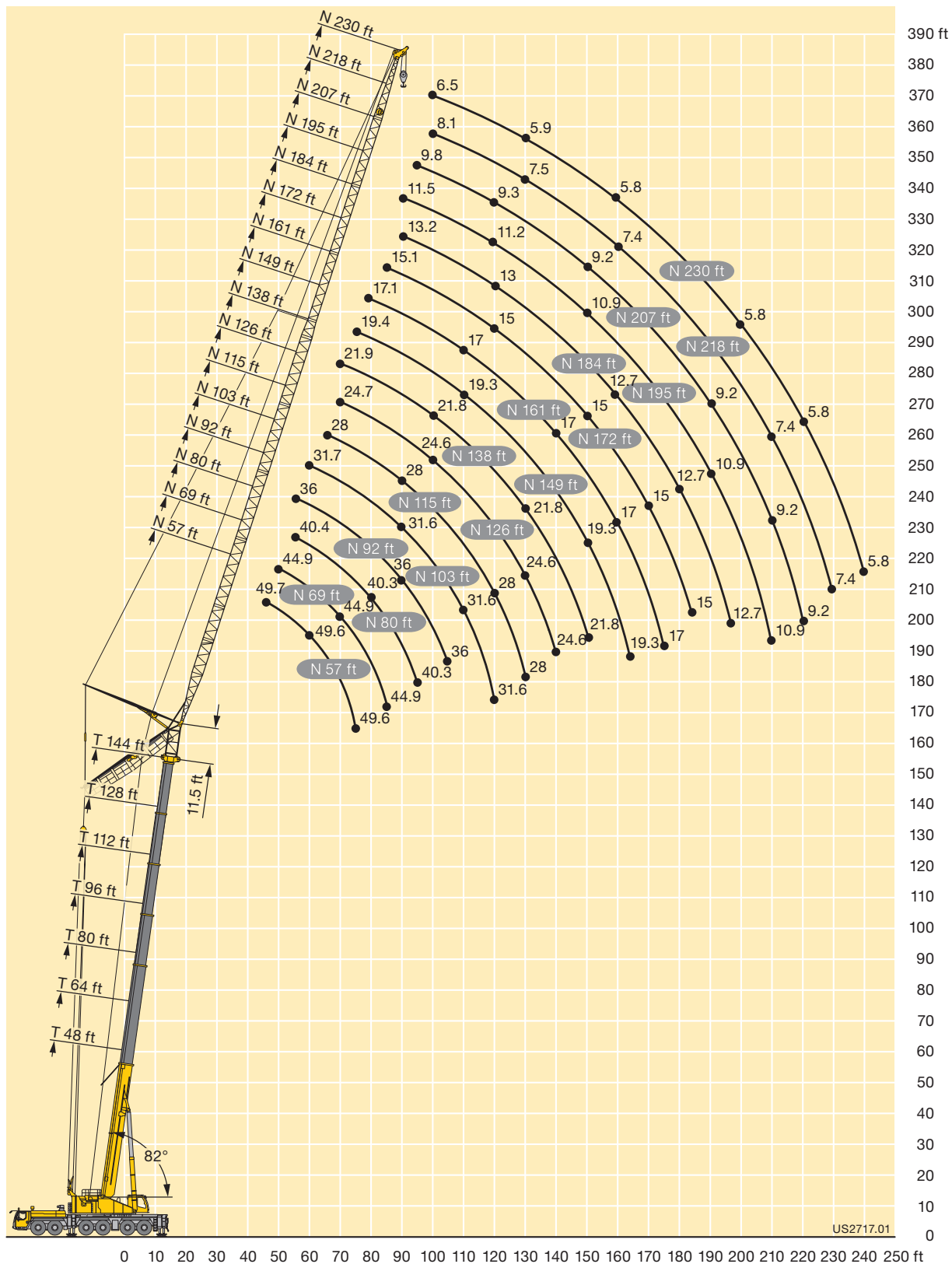
* adapter

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48—144 ft T 230 ft N 29.2 x 28 ft 360° 211600 lbs 85%																						
ft	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			128 + 11.5 ft*			144 + 11.5 ft*			ft
	230 ft			230 ft			230 ft			230 ft			230 ft			230 ft			230 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
85	15.8																					85
90	15.6			14.9			13.7															90
95	15.5			14.7			13.7			12.2			10.5									95
100	15.3			14.6			13.6			12.1			10.5			8.8			6.5			100
105	15.1			14.5			13.5			12.1			10.4			8.8			6.4			105
110	14.9			14.3			13.4			12			10.4			8.8			6.2			110
115	14.7			14.2			13.3			12			10.4			8.7			6.1			115
120	14.5	14.2		14			13.2			11.9			10.4			8.7			6			120
125	14.2	14.2		13.8	13.5		13.1			11.9			10.3			8.7			5.9			125
130	14	14.1		13.6	13.5		13	12.6		11.8			10.3			8.7			5.9			130
135	13.8	13.9		13.4	13.4		12.8	12.6		11.7	11.3		10.3			8.6			5.9			135
140	13.5	13.7		13.1	13.3		12.6	12.5		11.6	11.2		10.3	9.9		8.6			5.8			140
145	13.3	13.4		12.9	13.1		12.4	12.5		11.5	11.2		10.2	9.9		8.6	8.2		5.8			145
150	13	13.2	13	12.7	12.9		12.2	12.4		11.4	11.2		10.2	9.9		8.6	8.2		5.8	5.3		150
155	12.8	13	13	12.5	12.7	12.3	12	12.2		11.2	11.2		10.2	9.9		8.6	8.3		5.8	5.3		155
160	12.5	12.7	12.9	12.2	12.4	12.3	11.8	12		11.1	11.1		10.1	9.9		8.6	8.3		5.8	5.4		160
165	12.2	12.4	12.7	12	12.2	12.3	11.6	11.8	11.3	10.9	11		10.1	9.9		8.6	8.4		5.8	5.4		165
170	12	12.2	12.4	11.7	12	12.2	11.4	11.6	11.4	10.8	10.9	10.1	9.9	9.8		8.6	8.4		5.8	5.5		170
175	11.7	11.9	12.2	11.5	11.7	12	11.2	11.4	11.4	10.6	10.7	10.2	9.8	9.7		8.6	8.4		5.8	5.5		175
180	11.5	11.7	11.9	11.3	11.5	11.8	11	11.2	11.4	10.4	10.6	10.2	9.6	9.6	8.8	8.6	8.4		5.8	5.6		180
185	11.3	11.5	11.7	11.1	11.3	11.5	10.8	11	11.2	10.3	10.4	10.2	9.5	9.5	8.9	8.5	8.4	7.3	5.8	5.7		185
190	11.1	11.3	11.4	10.9	11.1	11.3	10.6	10.8	11.1	10.1	10.3	10.2	9.4	9.4	9	8.4	8.4	7.4	5.8	5.7		190
195	11	11.1	11.2	10.7	10.9	11.1	10.4	10.6	10.9	9.9	10.1	10.2	9.3	9.3	9	8.4	8.3	7.4	5.8	5.8	5.5	195
200	10.9	10.9	11	10.6	10.7	10.9	10.3	10.4	10.7	9.8	9.9	10.1	9.1	9.2	9.1	8.3	8.3	7.5	5.8	5.9	5.6	200
205	10.7	10.8	10.9	10.5	10.6	10.7	10.2	10.3	10.5	9.7	9.8	9.9	9	9.1	9.1	8.2	8.2	7.6	5.8	6	5.7	205
210	10.5	10.6	10.7	10.4	10.4	10.5	10	10.1	10.3	9.6	9.7	9.8	8.9	9	9.1	8.2	8.2	7.7	5.8	6	5.8	210
215	10.3	10.5	10.6	10.3	10.3	10.4	10	10	10.1	9.5	9.5	9.7	8.9	8.9	9	8.1	8.1	7.8	5.8	6	5.8	215
220	10	10.4	10.4	10.3	10.2	10.2	9.9	9.9	10	9.5	9.4	9.6	8.8	8.8	8.9	8.1	8	7.8	5.8	6	5.9	220
225	9	10.4	10.4	10	10.1	10.1	9.9	9.8	9.9	9.4	9.3	9.4	8.8	8.7	8.8	8	8	7.8	5.8	6	6	225
230	7.7	10.4	10.3	9	10.1	10	9.5	9.7	9.7	9.4	9.3	9.3	8.8	8.7	8.7	7.9	7.9	7.8	5.8	6	6	230
235		9.4	10.3		10.1	10	8.7	9.7	9.7	9.4	9.2	9.2	8.6	8.6	8.6	7.8	7.9	7.8	5.8	6	6	235
240			10.3		9.6	10		9.7	9.6		9.2	9.1	8	8.6	8.6	7.3	7.9	7.8	5.8	6	6	240
245			9.7			10		9.7	9.6		9.2	9.1		8.6	8.5		7.8	7.7		6	6	245
250						10			9.6		9.2	9.1		8.6	8.4		7.8	7.7		6	6	250
255									9.6			9		8.6	8.4		7.8	7.7		6	6	255
260												9			8.4		7.8	7.7		6	6	260
265												9			8.4			7.6		6	6	265
270															8.4			7.6		6	6	270
275																		7.6		6	6	275
280																				6	6	280

* adapter

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Equipment

Crane carrier

Frame	Self-manufactured, torsion-resistant box-type design of high-tensile fine grained structural steel.
Outriggers	4-point supporting system, hydraulically telescopic into horizontal and vertical direction. Operation with remote control, automatic support leveling, electronic inclination display.
Engine	8-cylinder Diesel, make Liebherr, watercooled, output 450 kW (612 h.p.), max. torque 2107 lbs-ft. Exhaust emissions acc. to 97/68/EG and EPA/CARB. Fuel reservoir: 211 gallons.
Transmission	Automatic transmission system with torque converter and intarder, make ZF, type TC-TRONIC with 12 forward speeds and 2 reverse speeds, transfer case with transfer differential.
Axles	Low maintenance carrier axles, all 6 axles steered. Axle 1, 3 and 5 are equipped with planetary gears, all driven axles with transverse differential locks, axle 3 with longitudinal differential lock.
Cardan shaft	All cardan shafts with 70° diagonal toothing and maintenance free.
Suspension	All axles are hydro-pneumatically suspended with automatic leveling. Suspension hydraulically lockable.
Tyre equipment	12 tyres, all axles equipped with single tyres. Size of tyres: 445/95 R 25 (16.00 R 25).
Steering	2-circuit system with hydraulic servo steering. Active speed depending rear axle steering, special steering programs for various driving situations.
Brakes	Service brake: all-wheel servo-air brake, all axles are equipped with disc brakes, dual circuit. Additional brakes: exhaust flap brake, Telma Eddy current brake (optional), intarder in gearbox. Hand brake: Spring-loaded, acting on all wheels of axles 2 to 6.
Driver's cab	Spacious corrosion resistant with comfort furnishings, mounted on rubber shock absorbers, safety glazing.
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.

Crane superstructure

Frame	Liebherr-manufactured, torsionally rigid steel construction made from high-tensile fine-grain steel. Triple-roller slewing rim.
Crane drive	Mechanical drive of the crane hydraulic from the chassis. Variable axial piston pumps with servo control and power regulation.
Crane control	Two self-centering control levers (joy-sticks). Pedal switches for telescoping. Infinitely variable crane motions through displacement control of the hydraulic pumps. Additional working speed control by variation of the Diesel engine speed.
Hoist gear	Axial piston variable displacement motor, hoist drum with integrated planetary gear and spring-loaded static brake. Actuation by closed regulated oil circuit.
Luffing gear	1 differential hydraulic ram with nonreturn valve.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake. Actuation by closed regulated oil circuit.
Crane cab	Large screen area, compound glass, comfort furnishing, cabin tiltable 20° to rear.
Safety devices	LICCON2 safe load indicator, test system, hoist limit switches, safety valves against rupture of pipes and hoses.
Counterweight	123500 lbs
Telescopic boom	1 base section and 5 telescopic sections. All telescopic sections extendable individually by means of the rapid-cycle telescoping system TELEMATIK. Boom length 48 ft to 256 ft.
Swing-away jib NZK	41 ft – 115 ft long, integrated erection jib of 18 ft. Hydraulic ram for operating the swing-away jib from 0° – 40°.
Lattice jibs F/N	Fixed lattice jib 46 ft – 138 ft long, at 0°, 20°, 40° (F), luffing lattice jib 57 ft – 230 ft m long (N).
Additional counterweight	4 additional counterweight slabs of 22050 lbs each for a total counterweight of 211650 lbs.
2nd hoist gear	For 2-hook operation or for operating the luffing lattice jib.

Description of symbols

General symbols

	Page		Driving speed
	Outriggers		Driving speed – Onroad gear
	Axle		Transmission
	Radius		Gear
	Boom length		Hookblock / Capacity
	Boom position		Hoist gear
	Counterweight		Crane carrier
	Tyres		Crane superstructure
	Slewing gear / Working area		Gradability
	Standard		

Crane specific symbols

	Telescopic boom		Fixed lattice jib
	Hydraulic swing away jib		Luffing fly jib



Crane Rental Service

TRUCK CRANES

Capacities 82 to 200 tons
Booms to 390 feet

HYDRAULIC CRANES

Capacities 8.5 to 625 tons
Booms to 480 feet

CRAWLER CRANES

Capacities 115 to 440 tons
Booms to 512 feet

TOWER CRANES

Favco 750 & 1000 "Kangaroos"
Link-Belt TG-1900's

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Selection of **LIEBHERR** All Terrain and
Crawler/Luffer Cranes in New York City**



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