



AC 500-2 | All Terrain Crane 600 t Lifting Capacity



ONLY AT

AC 500-2

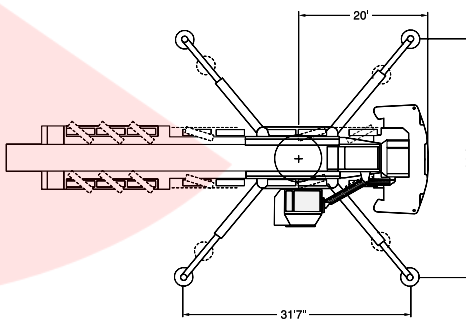
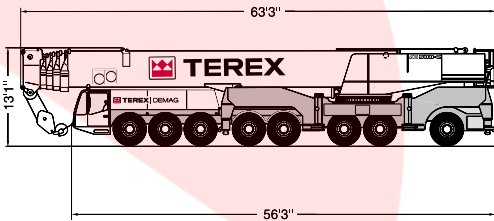
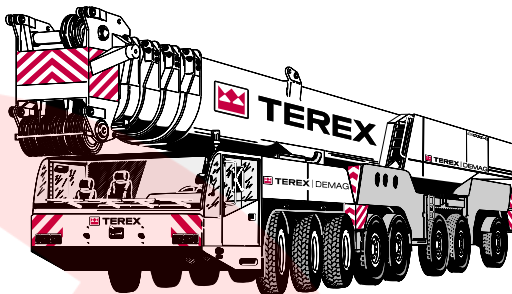
ALL TERRAIN CRANE



TEREX | DEMAG

AC 500-2

- ▶ Enhanced Demag ovaloid boom design ensures excellent lifting capacities
- ▶ Exceptional capacity enhancements due to new Sideways Superlift
- ▶ The shortest 8-axle crane with a carrier length of just 56.1 ft
- ▶ Star-type outriggers giving enhanced stability
- ▶ Short rigging time and optimal transport weights for all configurations
- ▶ Innovative crane control provides high operating comfort





ALL TERRAIN CRANE
AC 500-2

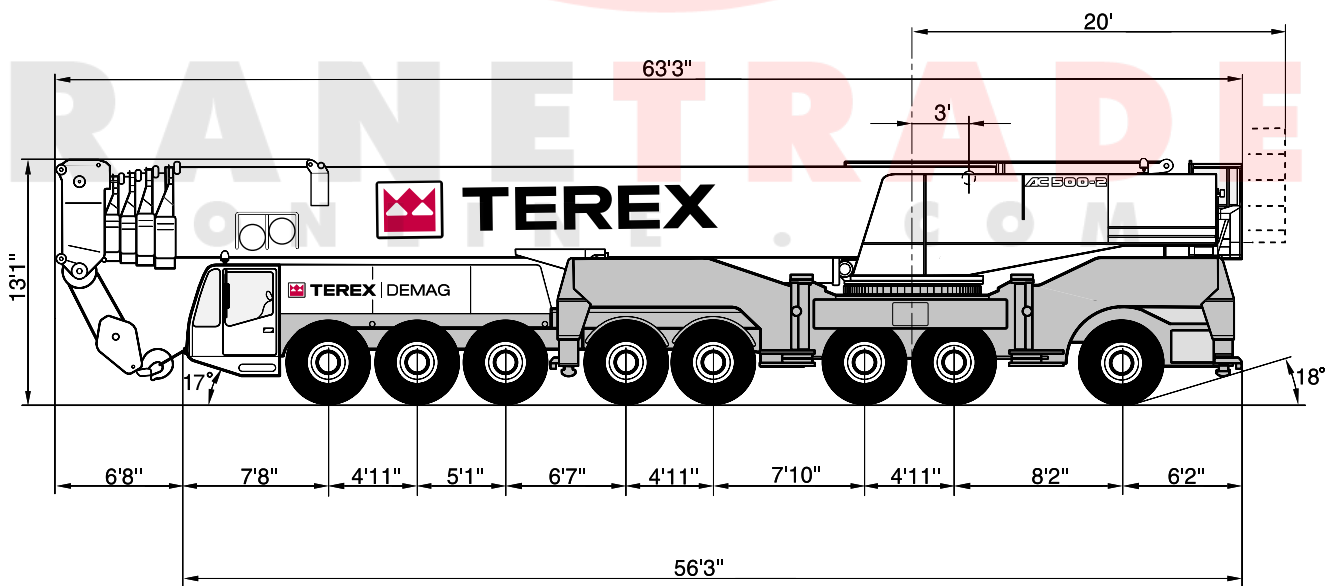
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TEREX | DEMAG

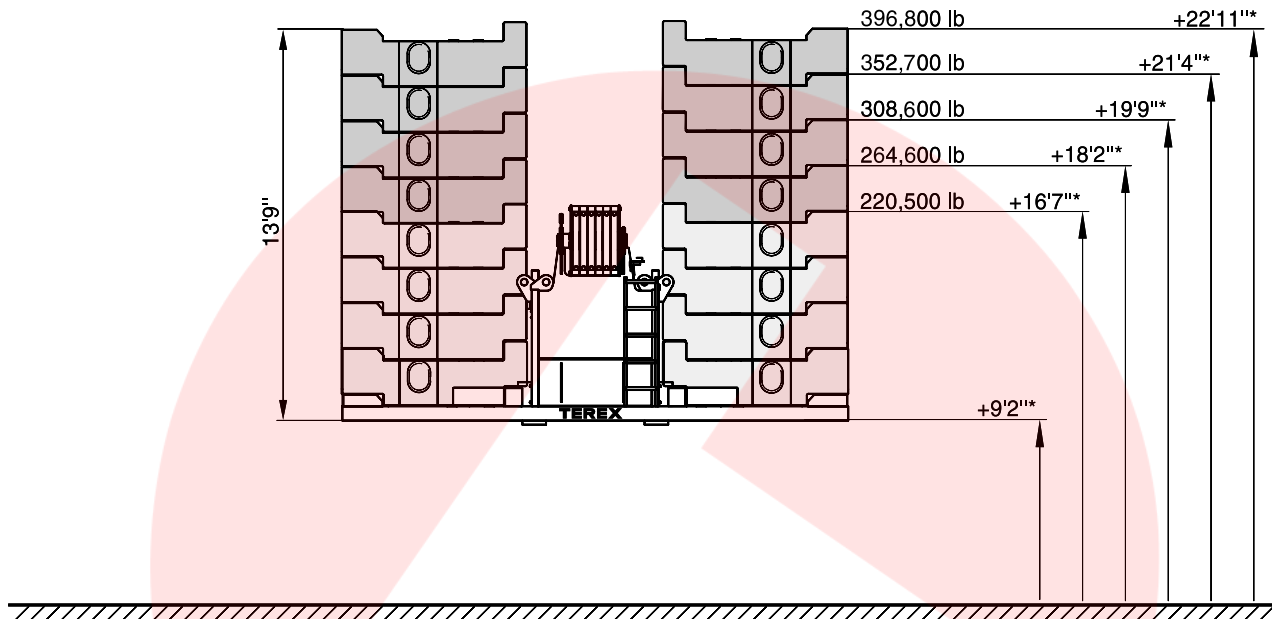
DIMENSIONS



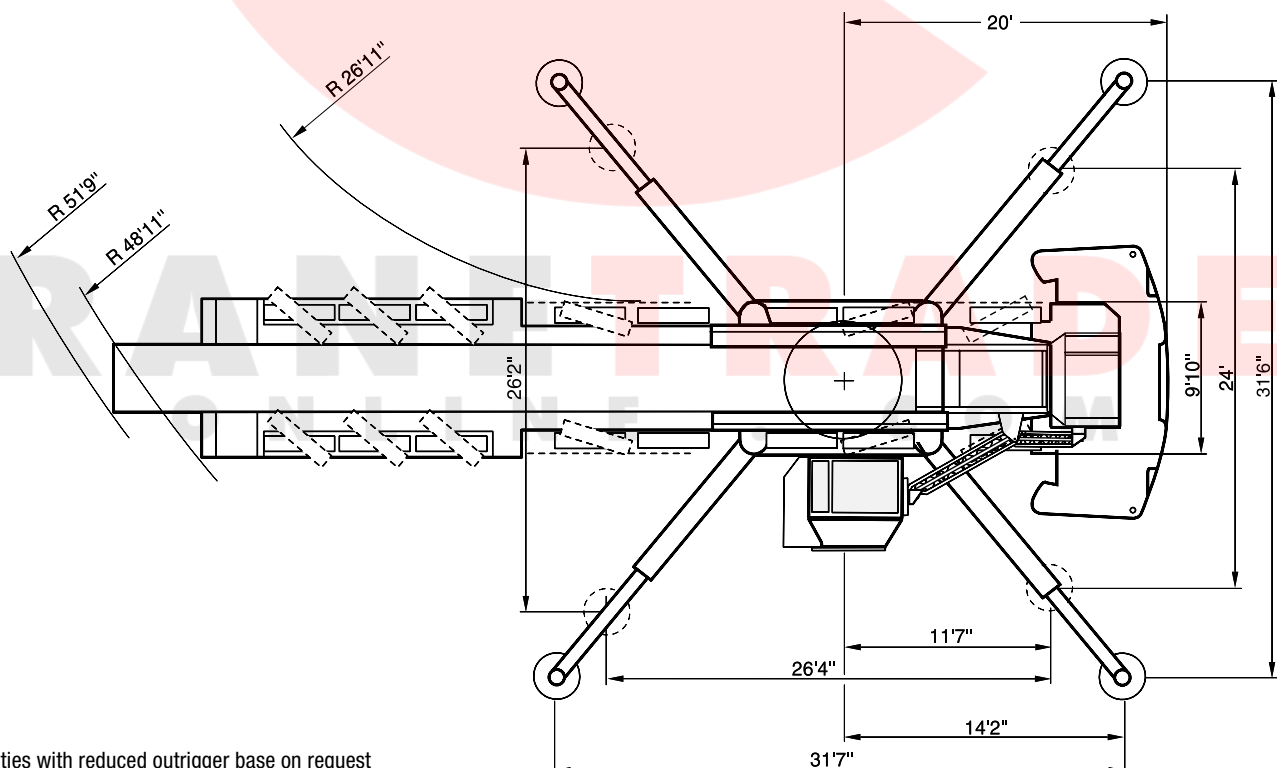


ALL TERRAIN CRANE AC 500-2

DIMENSIONS



* Tail swing above ground



Duties with reduced outrigger base on request



SPECIFICATIONS

AXLE LOADS

Crane with main boom, outriggers and hook block	
Axles	8 x 26,500 lb
Total weight	212,000 lb

WORKING SPEEDS (INFINITELY VARIABLE)

Mechanisms	Normal speed	Max. permissible line pull	Rope length
Hoist I	max. 423.7 ft / min	28,100 lb	1,969 ft
Hoist II	max. 505.3 ft / min	28,100 lb	2,362 ft
Slewing			max. 0.8 1/min.
Telescoping speed			48.2 – 183.7 ft: ~ 420 sec.
Boom elevation			–0.5° – +83°: 85 sec.

CARRIER PERFORMANCE

Travel speed	0 . . 40 mph
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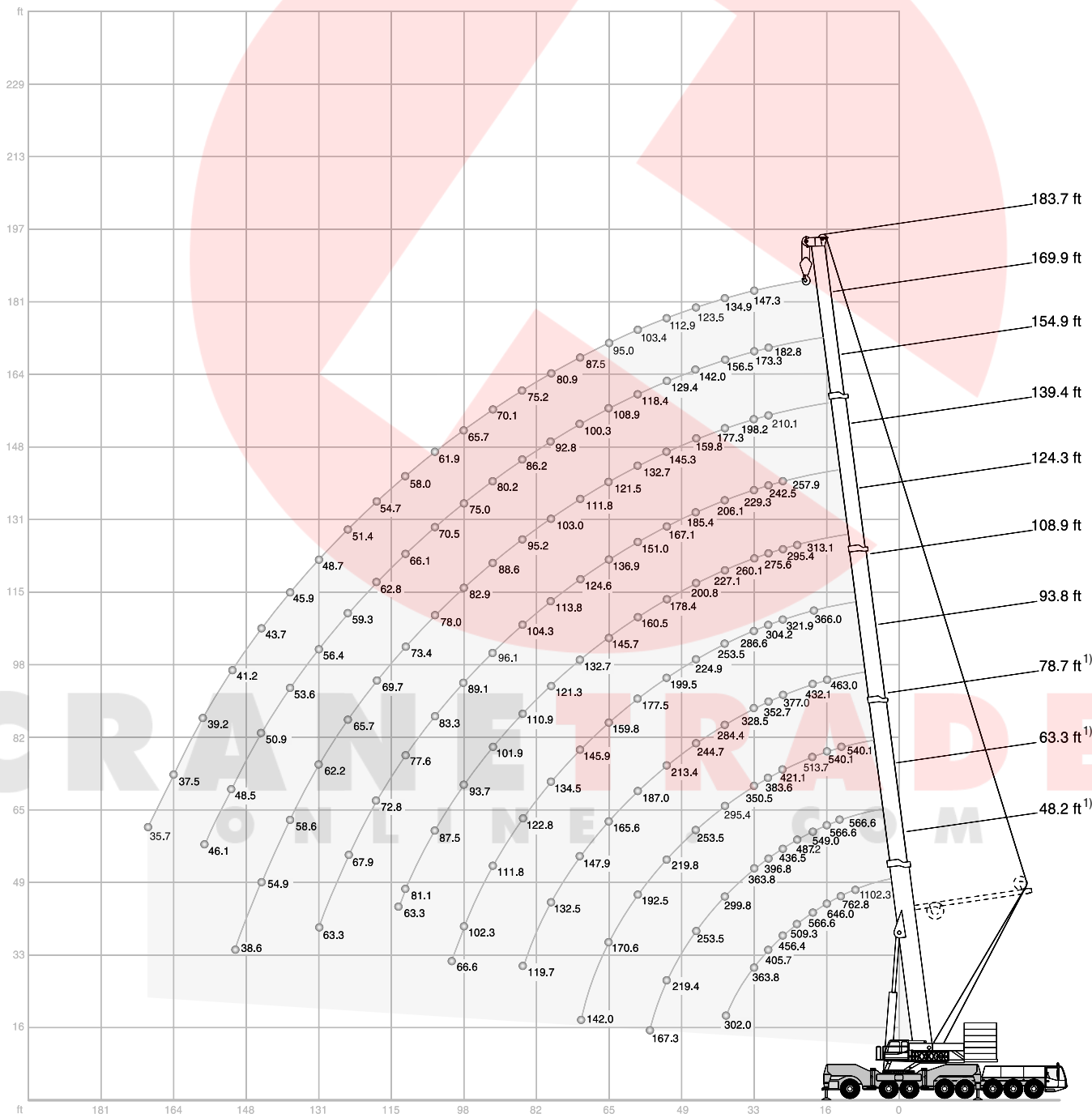
HOOK BLOCK / HEAVY-LIFT ATTACHMENT

Type	Possible load	Number of sheaves	Weight	„D“	Number of lines	Heavy-lift attachment
320	491,500 lb	11	7,100 lb	14.8 ft	20	2 add'l. sheaves
250	469,200 lb	9	5,700 lb	14.8 ft	19	2 add'l. sheaves
200	390,300 lb	7	5,100 lb	9.8 ft	15	
160	291,900 lb	5	4,200 lb	9.8 ft	11	
100	189,400 lb	3	4,000 lb	9.8 ft	7	
40	82,900 lb	1	1,700 lb	8.9 ft	3	
12.5	27,800 lb	Single line hook	1,100 lb	6.6 ft	1	



ALL TERRAIN CRANE
AC 500-2

WORKING RANGES MAIN BOOM WITH / WITHOUT SSL





TEREX | DEMAG

LIFTING CAPACITIES MAIN BOOM

 **352,700 lb**

 **360°**

85 %

		Main boom													
Radius	ft	48.2 ¹⁾	48.2	63.3 ¹⁾	63.3	78.7 ¹⁾	78.7	93.8	108.9	124.3	139.4	154.9	169.9	183.7	Radius
ft	1,000 lb														ft
10	1200.0*	566.6	-	-	-	-	-	-	-	-	-	-	-	-	10
12	840.0*	566.6	566.6	566.6	566.6	-	-	-	-	-	-	-	-	-	12
13	762.8*	566.6	566.6	566.6	566.6	540.1	540.1	-	-	-	-	-	-	-	13
15	698.9*	566.6	566.6	566.6	566.6	540.1	540.1	-	-	-	-	-	-	-	15
16	646.0*	557.8	566.6	555.6	540.1	540.1	463.0	-	-	-	-	-	-	-	16
20	566.6	493.8	549.0	493.8	513.7	493.8	432.1	366.0	-	-	-	-	-	-	20
23	509.3	443.1	487.2	443.1	465.2	443.1	405.7	343.9	313.1	-	-	-	-	-	23
26	456.4	401.2	436.5	401.2	421.1	401.2	377.0	321.9	295.4	257.9	-	-	-	-	26
30	405.7	366.0	396.8	366.0	383.6	366.0	352.7	304.2	275.6	242.5	210.1	182.8	-	-	30
33	363.8	337.3	363.8	337.3	350.5	335.1	328.5	286.6	260.1	229.3	198.2	173.3	147.3	33	33
39	302.0	288.8	299.8	288.8	295.4	286.6	284.4	253.5	227.1	206.1	177.3	156.5	134.9	39	39
46	-	-	253.5	246.9	253.5	244.7	244.7	224.9	200.8	185.4	159.8	142.0	123.5	46	46
53	-	-	219.4	214.3	219.8	211.4	213.4	199.5	178.4	167.1	145.3	129.4	112.9	53	53
59	-	-	167.3	170.9	192.5	185.0	187.0	177.5	160.5	151.0	132.7	118.4	103.4	59	59
66	-	-	-	-	170.6	163.6	165.6	159.8	145.7	136.9	121.5	108.9	95.0	66	66
72	-	-	-	-	141.8	142.0	147.9	145.9	132.7	124.6	111.8	100.3	87.5	72	72
79	-	-	-	-	-	-	132.5	134.5	121.3	113.8	103.0	92.8	80.9	79	79
85	-	-	-	-	-	-	119.7	122.8	110.9	104.3	95.2	86.2	75.2	85	85
92	-	-	-	-	-	-	-	111.8	101.9	96.1	88.6	80.2	70.1	92	92
98	-	-	-	-	-	-	-	102.3	93.7	89.1	82.9	75.0	65.7	98	98
105	-	-	-	-	-	-	-	66.6	87.5	83.3	78.0	70.5	61.9	105	105
112	-	-	-	-	-	-	-	-	81.1	77.6	73.4	66.1	58.0	112	112
118	-	-	-	-	-	-	-	-	63.3	72.8	69.7	62.8	54.7	118	118
125	-	-	-	-	-	-	-	-	-	67.9	65.7	59.3	51.4	125	125
131	-	-	-	-	-	-	-	-	-	63.3	62.2	56.4	48.7	131	131
138	-	-	-	-	-	-	-	-	-	-	58.6	53.6	45.9	138	138
144	-	-	-	-	-	-	-	-	-	-	54.9	50.9	43.7	144	144
151	-	-	-	-	-	-	-	-	-	-	38.6	48.5	41.2	151	151
158	-	-	-	-	-	-	-	-	-	-	-	46.1	39.2	158	158
164	-	-	-	-	-	-	-	-	-	-	-	-	37.5	164	164
171	-	-	-	-	-	-	-	-	-	-	-	-	35.7	171	171

Remarks

¹⁾ 396,800 lb counterweight, additional central outriggers, double hook block required

* over rear

CRANETRADER
ONLINE . COM



ALL TERRAIN CRANE
AC 500-2

LIFTING CAPACITIES MAIN BOOM

264,600 lb		 360°										85 %
Main boom												
Radius	ft	48.2	63.3	78.7	93.8	108.9	124.3	139.4	154.9	169.9	183.7	Radius
ft	1,000 lb											ft
10	566.6	-	-	-	-	-	-	-	-	-	-	10
12	566.6	566.6	-	-	-	-	-	-	-	-	-	12
13	566.6	566.6	540.1	-	-	-	-	-	-	-	-	13
15	566.6	566.6	540.1	-	-	-	-	-	-	-	-	15
16	544.5	542.3	540.1	463.0	-	-	-	-	-	-	-	16
20	482.8	482.8	480.6	432.1	366.0	-	-	-	-	-	-	20
23	432.1	434.3	432.1	405.7	343.9	313.1	-	-	-	-	-	23
26	392.4	392.4	390.2	377.0	321.9	295.4	257.9	-	-	-	-	26
30	357.1	357.1	357.1	352.7	304.2	275.6	242.5	210.1	182.8	-	-	30
33	321.9	321.9	319.7	321.9	286.6	260.1	229.3	198.2	173.3	147.3	-	33
39	264.6	264.6	262.4	264.6	253.5	227.1	206.1	177.3	156.5	134.9	-	39
46	-	224.9	222.7	224.9	224.9	200.8	185.4	159.8	142.0	123.5	-	46
53	-	191.8	190.5	191.8	195.1	178.4	167.1	145.3	129.4	112.9	-	53
59	-	166.0	168.7	166.2	169.3	160.5	151.0	132.7	118.4	103.4	-	59
66	-	-	146.4	143.1	146.8	144.4	136.9	121.5	108.9	95.0	-	66
72	-	-	126.5	123.0	126.8	124.3	124.3	111.8	100.3	87.5	-	72
79	-	-	-	107.1	110.5	108.0	108.0	103.0	92.8	80.9	-	79
85	-	-	-	99.2	97.2	94.8	94.6	95.2	86.2	75.2	-	85
92	-	-	-	-	86.2	83.8	83.8	85.1	80.2	70.1	-	92
98	-	-	-	-	77.2	75.2	74.5	76.1	75.0	65.7	-	98
105	-	-	-	-	66.6	70.8	66.8	68.1	70.1	61.9	-	105
112	-	-	-	-	-	64.2	60.2	61.3	63.3	58.0	-	112
118	-	-	-	-	-	58.4	54.5	55.6	57.5	54.7	-	118
125	-	-	-	-	-	-	51.4	50.5	52.2	51.4	-	125
131	-	-	-	-	-	-	48.5	45.9	47.8	47.8	-	131
138	-	-	-	-	-	-	-	42.5	43.7	43.9	-	138
144	-	-	-	-	-	-	-	40.6	39.9	39.9	-	144
151	-	-	-	-	-	-	-	38.6	36.6	36.6	-	151
158	-	-	-	-	-	-	-	-	33.5	33.5	-	158
164	-	-	-	-	-	-	-	-	-	30.6	-	164
171	-	-	-	-	-	-	-	-	-	28.2	-	171

CRANETRADER
ONLINE . COM

**TEREX | DEMAG****LIFTING CAPACITIES MAIN BOOM WITH SSL** **396,800 lb** **360°****85 %**

Main boom								
Radius	ft	108.9	124.3	139.4	154.9	169.9	183.7	Radius
ft	1,000 lb							ft
20	412.3	-	-	-	-	-	-	20
23	399.0	366.0	328.5	-	-	-	-	23
26	383.6	354.9	321.9	275.6	-	-	-	26
30	357.1	343.9	315.3	269.0	266.8	-	-	30
33	326.3	321.9	308.6	264.6	253.5	229.3	-	33
39	275.6	273.4	271.2	251.3	222.7	204.6	-	39
46	240.3	235.9	233.7	233.7	203.0	182.5	-	46
53	210.5	209.0	206.6	205.7	193.1	163.4	-	53
59	183.0	185.6	184.1	183.4	182.8	153.2	-	59
66	166.0	163.6	166.7	165.1	164.7	145.5	-	66
72	154.3	145.3	154.8	149.9	149.7	138.0	-	72
79	141.1	130.1	140.0	134.5	136.9	131.0	-	79
85	128.1	117.1	127.0	121.5	123.9	123.9	-	85
92	117.1	106.0	115.7	110.5	112.7	113.1	-	92
98	103.2	96.6	106.3	100.8	103.0	103.4	-	98
105	-	88.2	97.7	92.4	94.6	94.8	-	105
112	-	78.5	90.4	84.9	87.1	87.3	-	112
118	-	-	83.8	78.3	80.2	80.7	-	118
125	-	-	76.1	72.3	74.3	74.7	-	125
131	-	-	55.6	66.8	69.0	69.2	-	131
138	-	-	-	61.3	63.9	64.4	-	138
144	-	-	-	51.6	59.5	59.7	-	144
151	-	-	-	-	55.1	55.6	-	151
158	-	-	-	-	47.4	51.8	-	158
164	-	-	-	-	-	48.1	-	164
171	-	-	-	-	-	41.0	-	171
177	-	-	-	-	-	-	-	177

 **264,600 lb** **360°****85 %**

Main boom								
Radius	ft	108.9	124.3	139.4	154.9	169.9	183.7	Radius
ft	1,000 lb							ft
20	412.3	-	-	-	-	-	-	20
23	399.0	366.0	328.5	-	-	-	-	23
26	379.2	354.9	321.9	275.6	-	-	-	26
30	343.9	343.9	315.3	269.0	266.8	-	-	30
33	310.9	313.1	308.6	264.6	253.5	229.3	-	33
39	253.5	255.7	257.9	251.3	222.7	204.6	-	39
46	213.2	215.8	217.8	220.5	203.0	182.5	-	46
53	188.7	184.5	190.5	189.4	191.8	163.4	-	53
59	169.5	158.7	168.7	163.4	165.8	153.2	-	59
66	149.0	138.0	148.2	142.9	145.1	145.5	-	66
72	131.4	118.2	130.1	123.7	126.5	127.0	-	72
79	114.9	101.9	113.8	107.4	110.0	110.5	-	79
85	101.4	88.4	100.1	93.9	96.6	97.0	-	85
92	90.2	77.2	88.8	82.5	85.1	85.5	-	92
98	80.5	67.9	79.1	73.0	75.4	75.8	-	98
105	-	59.5	71.0	64.8	67.2	67.7	-	105
112	-	52.5	63.9	57.8	60.4	60.6	-	112
118	-	-	58.0	51.4	54.0	54.5	-	118
125	-	-	52.7	45.9	48.5	48.7	-	125
131	-	-	38.1	41.0	43.4	43.9	-	131
138	-	-	-	36.6	39.0	39.5	-	138
144	-	-	-	32.8	35.1	35.5	-	144
151	-	-	-	-	31.7	32.0	-	151
158	-	-	-	-	28.7	28.7	-	158
164	-	-	-	-	-	25.8	-	164
171	-	-	-	-	-	23.4	-	171
177	-	-	-	-	-	-	-	177

ALL TERRAIN CRANE

AC 500-2

NOTES TO LIFTING CAPACITY

Ratings are in compliance with ISO 4305 and DIN 15019.2 (test load = 1.25 x suspended load + 0.1 x dead weight of boom head).
Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

Crane operation with main boom is permissible up to a

wind pressure of: 1.25 lb/ft²

wind speed of: 21.9 mph

Consult operation manual for further details.

Note: Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes.
Crane operation is subject to the computer charts and operation manual both supplied with the crane.



CRANETRADER

ONLINE . COM

**TEREX | DEMAG****LIFTING CAPACITIES MAIN BOOM**

132,300 lb		 360°										85 %
Main boom												
Radius	ft	48.2	63.3	78.7	93.8	108.9	124.3	139.4	154.9	169.9	183.7	Radius
ft	1,000 lb											ft
10	566.6	-	-	-	-	-	-	-	-	-	-	10
12	566.6	566.6	-	-	-	-	-	-	-	-	-	12
13	566.6	566.6	540.1	-	-	-	-	-	-	-	-	13
15	560.0	557.8	540.1	-	-	-	-	-	-	-	-	15
16	524.7	524.7	522.5	463.0	-	-	-	-	-	-	-	16
20	465.2	465.2	463.0	432.1	366.0	-	-	-	-	-	-	20
23	403.4	403.4	401.2	403.4	343.9	313.1	-	-	-	-	-	23
26	348.3	348.3	350.5	348.3	321.9	295.4	257.9	-	-	-	-	26
30	304.2	304.2	306.4	304.2	304.2	275.6	242.5	210.1	182.8	-	-	30
33	269.0	269.0	271.2	269.0	269.0	251.3	229.3	198.2	173.3	147.3	-	33
39	186.5	187.2	191.1	197.1	192.5	189.2	185.0	177.3	156.5	134.9	-	39
46	-	138.0	147.0	145.7	141.3	144.0	138.7	140.7	142.0	123.5	-	46
53	-	112.9	114.9	113.5	117.5	114.4	113.3	114.0	111.6	111.8	-	53
59	-	91.3	92.8	95.5	95.2	95.2	94.8	91.9	89.5	89.9	-	59
66	-	-	76.9	80.7	79.1	79.8	78.5	75.8	73.6	73.9	-	66
72	-	-	67.7	68.3	68.6	67.5	66.1	63.5	61.3	61.7	-	72
79	-	-	-	58.6	59.3	57.8	56.7	54.0	51.8	52.0	-	79
85	-	-	-	50.9	51.4	49.8	48.7	46.3	43.9	44.3	-	85
92	-	-	-	-	45.0	43.4	42.3	39.7	37.3	37.5	-	92
98	-	-	-	-	39.7	38.1	36.8	34.0	31.5	32.0	-	98
105	-	-	-	-	35.3	33.3	32.0	29.3	26.9	27.1	-	105
112	-	-	-	-	-	29.3	28.0	25.1	22.7	22.9	-	112
118	-	-	-	-	-	26.0	24.5	21.6	19.2	19.4	-	118
125	-	-	-	-	-	-	21.4	18.5	16.1	16.3	-	125
131	-	-	-	-	-	-	18.7	15.9	13.4	13.7	-	131
138	-	-	-	-	-	-	-	13.4	11.0	11.2	-	138
144	-	-	-	-	-	-	-	11.5	9.0	9.0	-	144
151	-	-	-	-	-	-	-	9.9	7.1	7.1	-	151
158	-	-	-	-	-	-	-	-	5.5	5.5	-	158

0 lb		 360°										85 %
Main boom												
Radius	ft	48.2	63.3	78.7	93.8	108.9	124.3	139.4	154.9	169.9	183.7	Radius
ft		1,000 lb										ft
10	566.6	-	-	-	-	-	-	-	-	-	-	10
12	566.6	566.6	-	-	-	-	-	-	-	-	-	12
13	566.6	566.6	540.1	-	-	-	-	-	-	-	-	13
15	524.7	524.7	522.5	-	-	-	-	-	-	-	-	15
16	465.2	465.2	429.9	359.4	-	-	-	-	-	-	-	16
20	346.1	295.4	269.0	231.5	198.2	184.5	-	-	-	-	-	20
23	215.6	204.6	185.8	174.2	155.9	143.7	130.3	-	-	-	-	23
26	134.9	149.0	143.3	133.2	124.3	112.9	103.2	92.2	-	-	-	26
30	90.8	103.0	111.1	106.0	99.9	91.3	84.0	75.0	67.0	-	-	30
33	65.5	76.1	83.1	84.4	82.5	75.4	69.4	61.9	55.1	52.5	-	33
39	37.7	46.1	52.0	53.1	54.0	52.2	49.4	43.4	38.1	36.4	-	39
46	-	30.2	35.3	36.2	37.0	35.5	34.2	30.6	25.6	24.0	-	46
53	-	20.3	24.9	25.6	26.5	24.9	23.8	19.8	15.4	14.3	-	53
59	-	13.4	17.6	18.5	19.2	17.6	16.5	12.3	8.2	7.3	-	59
66	-	-	12.6	13.2	13.9	12.3	11.0	6.8	-	-	-	66
72	-	-	7.9	8.6	9.5	7.7	6.4	-	-	-	-	72
79	-	-	-	5.1	5.7	-	-	-	-	-	-	79



ALL TERRAIN CRANE
AC 500-2

LIFTING CAPACITIES MAIN BOOM WITH SSL								
 176,400 lb		 360°					85 %	
Radius	Main boom						Radius	
	ft	108.9	124.3	139.4	154.9	169.9		183.7
ft	1,000 lb						ft	
20		412.3	-	-	-	-	-	20
23		399.0	366.0	328.5	-	-	-	23
26		357.1	354.9	321.9	275.6	-	-	26
30		315.3	317.5	315.3	269.0	266.8	198.0	30
33		280.0	284.4	286.6	264.6	253.5	229.3	33
39		224.9	227.1	229.3	229.3	222.7	204.6	39
46		194.4	178.6	193.1	185.6	183.6	179.0	46
53		153.9	138.0	152.6	144.8	148.4	148.8	53
59		124.8	110.0	123.7	116.4	119.5	120.2	59
66		103.8	89.5	102.5	95.7	98.5	99.0	66
72		87.7	73.9	86.4	79.8	82.7	83.1	72
79		75.2	61.3	74.1	67.5	70.1	70.5	79
85		65.0	50.9	63.9	57.1	60.2	60.6	85
92		56.9	42.5	55.6	48.5	51.6	52.0	92
98		49.8	35.3	48.3	41.2	44.1	44.5	98
105		-	29.5	42.1	35.1	37.9	38.4	105
112		-	24.5	36.8	29.8	32.6	32.8	112
118		-	-	32.2	25.1	28.0	28.2	118
125		-	-	28.2	21.2	23.8	24.3	125
131		-	-	15.0	17.9	20.3	20.7	131
138		-	-	-	14.8	17.2	17.4	138
144		-	-	-	12.1	14.3	14.6	144
151		-	-	-	-	11.9	12.1	151
158		-	-	-	-	9.7	9.9	158
164		-	-	-	-	-	7.9	164
171		-	-	-	-	-	6.2	171
177		-	-	-	-	-	-	177

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NOTES TO LIFTING CAPACITY

Ratings are in compliance with ISO 4305 and DIN 15019.2 (test load = 1.25 x suspended load + 0.1 x dead weight of boom head).
Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

Crane operation with main boom is permissible up to a

wind pressure of: 1.25 lb/ft²

wind speed of: 21.9 mph

Consult operation manual for further details.

Note: Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes.
Crane operation is subject to the computer charts and operation manual both supplied with the crane.

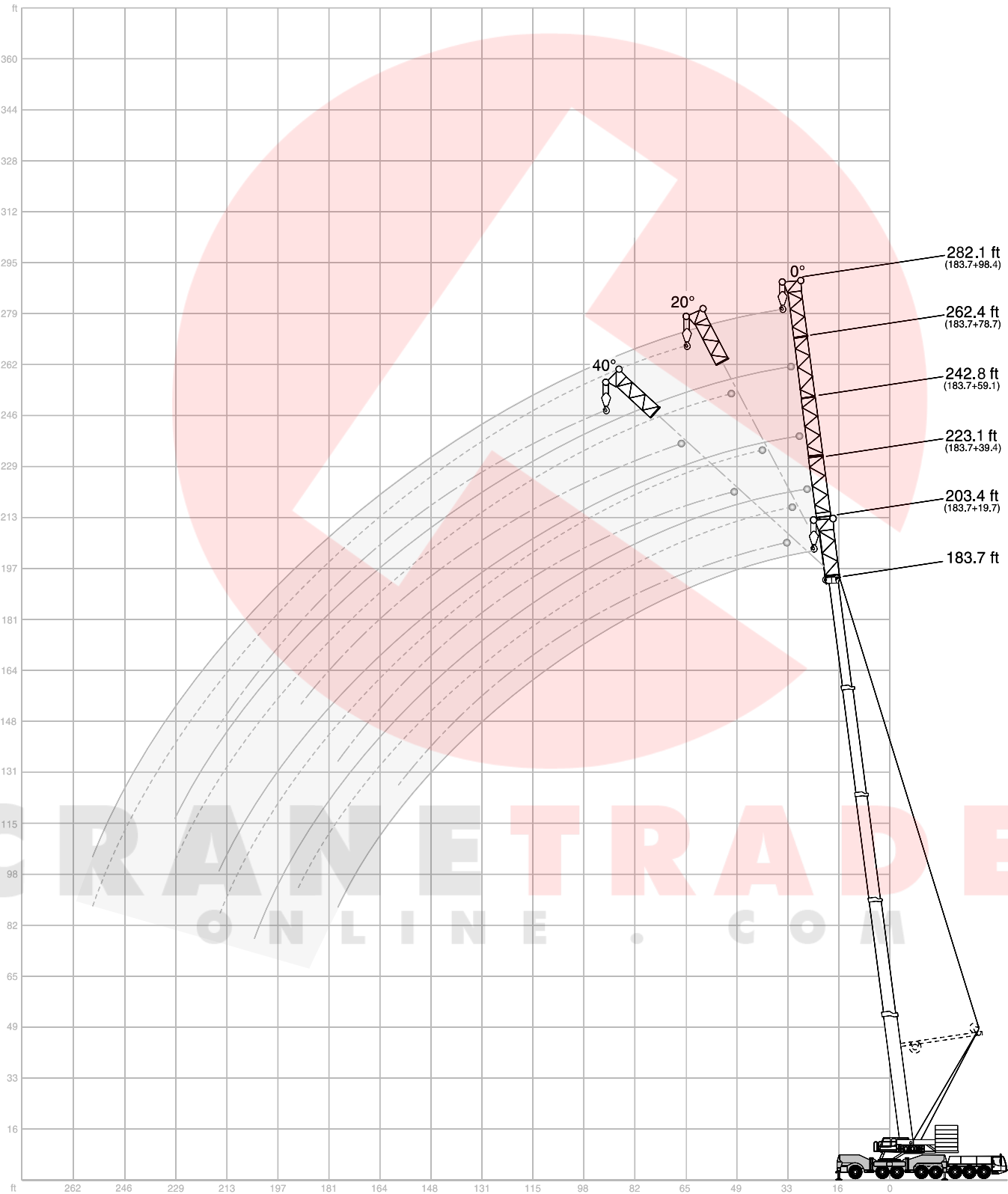


CRANETRADE
R
O N L I N E . C O M



ALL TERRAIN CRANE
AC 500-2

WORKING RANGES MAIN BOOM EXTENSION WITH / WITHOUT SSL





 308,600 lb **360°** **85 %**

 88,200 lb **360°** **85 %**

Remarks
* 264,600 lb Counterweight

**ALL TERRAIN CRANE**
AC 500-2**LIFTING CAPACITIES MAIN BOOM EXTENSION WITH SSL 0°**

396,800 lb		 360°												85 %	
183.7 ft Main boom															
Extension															
Radius	19.7 ft	39.4 ft			59.1 ft			78.7 ft			98.4 ft			Radius	
	0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
ft	1,000 lb												ft		
30	110.2	-	-	-	-	-	-	-	-	-	-	-	-	30	
33	110.2	-	-	-	-	-	-	-	-	-	-	-	-	33	
39	110.2	100.8	-	-	82.5	-	-	-	-	-	-	-	-	39	
46	110.2	99.4	-	-	81.8	-	-	66.8	-	-	55.3	-	-	46	
53	110.2	97.7	85.1	-	80.7	-	-	63.9	-	-	53.1	-	-	53	
59	110.2	95.5	82.2	67.9	79.1	59.1	-	61.1	-	-	50.9	-	-	59	
66	107.6	92.8	79.1	65.7	77.4	56.4	-	58.4	-	-	48.9	-	-	66	
72	104.7	90.2	76.3	63.5	75.2	54.0	-	55.8	39.2	-	46.7	-	-	72	
79	101.9	87.1	73.2	61.5	72.8	51.8	41.2	53.1	37.9	-	44.8	-	-	79	
85	98.8	83.8	70.1	59.5	70.1	49.8	40.1	50.7	36.4	-	43.0	30.9	-	85	
92	95.7	80.7	67.0	57.8	67.2	47.8	39.2	48.5	35.3	28.9	41.0	29.8	-	92	
98	92.4	77.4	64.2	56.2	64.6	46.1	38.1	46.1	34.0	28.2	39.2	28.7	-	98	
105	89.1	74.3	61.3	54.7	61.7	44.5	37.5	44.1	33.1	27.6	37.5	27.6	22.3	105	
112	85.8	71.0	58.6	53.1	59.1	43.0	36.6	42.1	32.0	27.1	35.9	26.7	21.8	112	
118	82.0	68.1	56.4	51.8	56.7	41.7	35.9	40.3	31.1	26.7	34.4	25.8	21.2	118	
125	76.1	65.3	54.2	50.5	54.0	40.3	35.1	38.6	30.2	26.0	32.8	24.9	20.7	125	
131	70.5	62.6	52.5	49.2	51.8	39.2	34.4	37.0	29.5	25.6	31.5	24.3	20.3	131	
138	65.8	60.1	50.9	48.2	49.6	38.3	33.8	35.7	28.8	25.2	30.3	23.6	19.8	138	
144	61.1	57.5	49.4	47.2	47.4	37.3	33.3	34.4	28.0	24.9	29.1	22.9	19.4	144	
151	57.0	55.2	48.1	46.3	45.6	36.4	33.0	33.3	27.3	24.6	28.0	22.3	19.1	151	
158	52.9	52.9	46.7	45.4	43.9	35.5	32.6	32.2	26.7	24.3	26.9	21.6	18.7	158	
164	49.5	49.5	45.6	-	42.2	34.7	32.3	31.2	26.1	23.9	26.1	21.1	18.4	164	
177	42.9	43.2	42.9	-	39.2	33.4	31.7	29.4	25.1	23.4	24.6	20.1	17.9	177	
190	-	37.8	38.6	-	36.8	32.4	-	28.1	24.3	22.9	23.1	19.2	17.3	190	
203	-	32.0	-	-	34.0	31.7	-	26.9	23.5	-	22.0	18.3	17.1	203	
217	-	-	-	-	29.4	30.6	-	25.8	22.7	-	20.9	17.6	16.8	217	
230	-	-	-	-	-	-	-	24.8	22.3	-	20.0	17.2	-	230	
243	-	-	-	-	-	-	-	-	-	-	19.0	16.8	-	243	
256	-	-	-	-	-	-	-	-	-	-	17.9	16.5	-	256	

220,500 lb		 360°										85 %		
19.7 ft		39.4 ft			59.1 ft			78.7 ft			98.4 ft			
ft	1,000 lb													ft
30	110.2	-	-	-	-	-	-	-	-	-	-	-	-	30
33	110.2	-	-	-	-	-	-	-	-	-	-	-	-	33
39	110.2	100.8	-	-	82.5	-	-	-	-	-	-	-	-	39
46	110.2	99.4	-	-	81.8	-	-	66.8	-	-	55.3	-	-	46
53	110.2	97.7	85.1	-	80.7	-	-	63.9	-	-	53.1	-	-	53
59	110.2	95.5	82.2	67.9	79.1	59.1	-	61.1	-	-	50.9	-	-	59
66	107.6	92.8	79.1	65.7	77.4	56.4	-	58.4	-	-	48.9	-	-	66
72	104.7	90.2	76.3	63.5	75.2	54.0	-	55.8	39.2	-	46.7	-	-	72
79	93.5	87.1	73.2	61.5	72.8	51.8	41.2	53.1	37.9	-	44.8	-	-	79
85	81.4	81.8	70.1	59.5	70.1	49.8	40.1	50.7	36.4	-	43.0	30.9	-	85
92	71.2	71.7	67.0	57.8	67.2	47.8	39.2	48.5	35.3	28.9	41.0	29.8	-	92
98	62.8	63.3	64.2	56.2	64.6	46.1	38.1	46.1	34.0	28.2	39.2	28.7	-	98
105	55.6	56.0	59.5	54.7	57.3	44.5	37.5	44.1	33.1	27.6	37.5	27.6	22.3	105
112	49.2	49.6	52.9	53.1	50.9	43.0	36.6	42.1	32.0	27.1	35.9	26.7	21.8	112
118	43.4	43.9	47.2	49.4	45.2	41.7	35.9	40.3	31.1	26.7	34.4	25.8	21.2	118
125	38.6	38.8	41.9	44.1	40.1	40.3	35.1	38.6	30.2	26.0	32.8	24.9	20.7	125
131	34.0	34.4	37.3	39.0	35.7	39.2	34.4	37.0	29.5	25.6	31.5	24.3	20.3	131
138	30.3	30.6	33.2	34.7	32.0	35.5	33.8	33.4	28.8	25.2	30.3	23.6	19.8	138
144	26.7	26.9	29.1	30.4	28.2	31.7	33.3	29.8	28.0	24.9	29.1	22.9	19.4	144
151	23.6	23.8	25.9	27.0	25.1	28.4	30.3	26.7	27.3	24.6	27.1	22.3	19.1	151
158	20.5	20.7	22.7	23.6	22.0	25.1	27.3	23.6	26.7	24.3	25.1	21.6	18.7	158
164	18.1	18.3	20.0	-	19.5	22.4	24.3	21.1	24.4	23.9	22.6	21.1	18.4	164
177	13.6	13.7	15.0	-	14.9	17.3	18.5	16.3	19.6	22.0	17.9	20.1	17.9	177
190	-	9.8	10.8	-	11.0	12.9	-	12.3	15.2	17.1	13.8	17.5	17.3	190
203	-	6.4	-	-	7.7	9.1	-	9.0	11.5	-	10.4	13.7	15.5	203
217	-	-	-	-	4.9	6.0	-	6.2	7.9	-	7.3	10.1	11.9	217
230	-	-	-	-	-	-	-	-	5.1	-	4.9	7.1	-	230



LIFTING CAPACITIES MAIN BOOM EXTENSION WITH SSL 30°

396,800 lb 360° 85 %

183.7 ft Main boom

Radius	Extension				Radius
	39.4 ft	59.1 ft	78.7 ft	98.4 ft	
ft	0°	0°	0°	0°	ft
39	108.0	92.4	-	-	39
46	104.7	88.2	72.8	63.1	46
53	101.2	84.2	67.5	58.4	53
59	97.2	80.2	62.8	54.2	59
66	93.0	76.3	58.6	50.5	66
72	88.6	72.5	54.9	47.2	72
79	84.2	69.0	51.6	44.3	79
85	79.8	65.5	48.7	41.7	85
92	75.4	62.2	46.1	39.2	92
98	71.2	59.1	43.7	37.3	98
105	67.2	56.2	41.9	35.5	105
112	63.3	53.4	39.9	33.7	112
118	60.0	50.7	38.4	32.4	118
125	56.7	48.3	36.8	31.1	125
131	53.8	46.1	35.3	29.8	131
138	51.1	44.1	34.1	28.7	138
144	48.5	42.1	32.8	27.6	144
151	46.1	40.3	31.7	26.6	151
158	43.7	38.6	30.6	25.6	158
164	41.6	37.0	29.5	24.7	164
177	37.4	34.0	27.6	23.0	177
190	33.3	31.0	25.9	21.6	190
203	-	28.1	24.3	20.2	203
217	-	24.8	22.5	19.0	217
230	-	-	20.9	18.0	230
243	-	-	-	16.8	243
256	-	-	-	15.7	256

220,500 lb 360° 85 %

183.7 ft Main boom

Radius	Extension				Radius
	39.4 ft	59.1 ft	78.7 ft	98.4 ft	
ft	0°	0°	0°	0°	ft
39	108.0	92.4	-	-	39
46	104.7	88.2	72.8	63.1	46
53	101.2	84.2	67.5	58.4	53
59	97.2	80.2	62.8	54.2	59
66	93.0	76.3	58.6	50.5	66
72	88.6	72.5	54.9	47.2	72
79	84.2	69.0	51.6	44.3	79
85	79.8	65.5	48.7	41.7	85
92	71.7	62.2	46.1	39.2	92
98	63.3	59.1	43.7	37.3	98
105	56.0	56.2	41.9	35.5	105
112	49.6	50.9	39.9	33.7	112
118	43.9	45.2	38.4	32.4	118
125	38.8	40.1	36.8	31.1	125
131	34.4	35.7	35.3	29.8	131
138	30.6	32.0	32.5	28.7	138
144	26.9	28.2	29.8	27.6	144
151	23.8	25.1	26.7	26.3	151
158	20.7	22.0	23.6	25.1	158
164	18.3	19.5	21.1	22.6	164
177	13.7	14.9	16.3	17.9	177
190	9.8	11.0	12.3	13.8	190
203	-	7.6	9.0	10.4	203
217	-	4.9	6.2	7.3	217
230	-	-	-	4.9	230



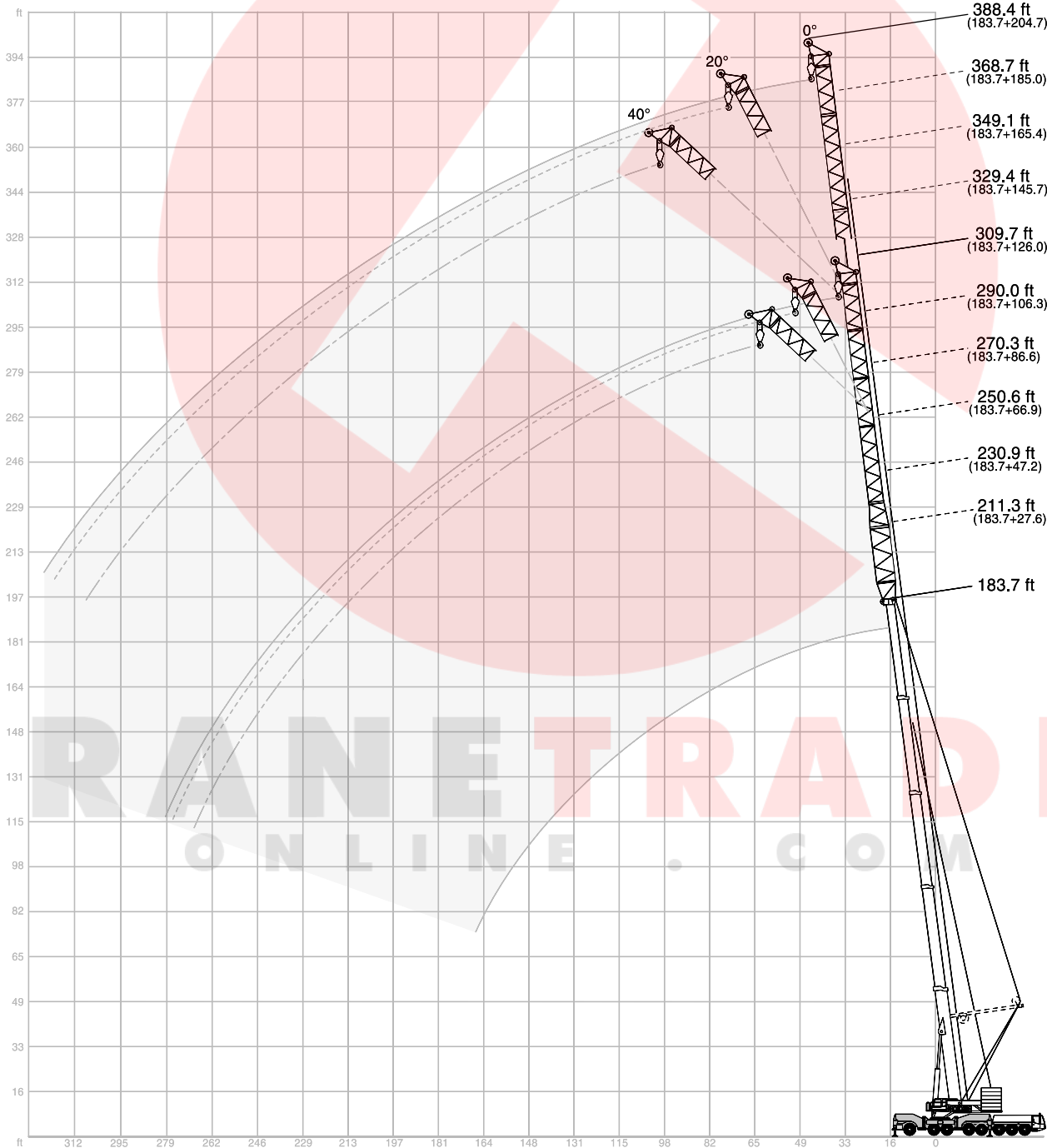
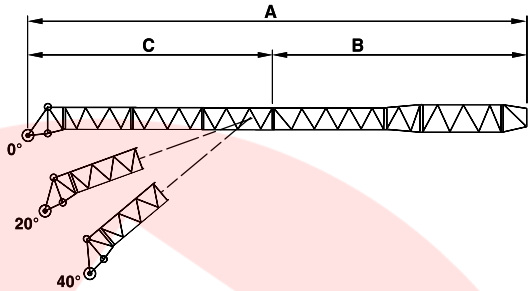
ALL TERRAIN CRANE
AC 500-2

WORKING RANGES FIXED FLY JIB WITH / WITHOUT SSL

OFFSET FIXED FLY JIB

A	B	C 0° / 20° / 40°
86.6 ft	48.9 ft	37.7 ft
106.3 ft	48.9 ft	57.4 ft
126.0 ft	68.6 ft	57.4 ft
145.7 ft	68.6 ft	77.0 ft
165.4 ft	88.2 ft	77.0 ft
185.0 ft	88.2 ft	96.8 ft
204.7 ft	107.9 ft	96.8 ft

(27.6 ft, 47.2 ft + 66.9 ft only 0°)



**TEREX | DEMAG****LIFTING CAPACITIES FIXED FLY JIB**

360°															85 %	
183.4 ft Main boom																
Fly jib																
27.6 ft		47.2 ft		66.9 ft		86.6 ft			106.3 ft			126.0 ft				
Radius	0°	0°	0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	Radius
ft	1,000 lb															ft
46	90.6	76.9	-	-	-	-	-	-	-	-	-	-	-	-	-	46
53	82.2	70.3	62.6	52.7	-	-	-	-	-	-	-	-	-	-	-	53
59	74.7	64.4	58.0	48.7	-	-	-	-	-	43.0	-	-	-	-	-	59
66	68.3	59.1	53.8	45.2	40.6	-	-	-	-	39.9	-	-	35.1	-	-	66
72	62.6	54.2	49.8	41.9	37.9	-	-	-	-	37.0	-	-	32.4	-	-	72
79	58.1	50.3	46.5	39.1	35.5	33.5	-	-	-	34.6	30.4	-	30.2	-	-	79
85	53.6	46.3	43.2	36.4	33.3	31.7	-	-	-	32.2	28.7	-	28.0	25.6	-	85
92	49.9	43.1	40.3	34.1	31.3	30.0	-	-	-	30.1	26.9	25.1	26.1	24.0	-	92
98	46.3	39.9	37.5	31.7	29.5	28.2	-	-	-	28.0	25.4	23.8	24.3	22.5	21.4	98
105	43.5	37.4	35.2	29.8	28.0	26.9	-	-	-	26.3	24.0	22.7	22.7	21.2	20.3	105
112	40.8	34.8	32.8	27.8	26.5	25.4	-	-	-	24.7	22.7	21.4	21.2	19.8	19.2	112
118	38.4	32.7	31.0	26.2	25.1	24.3	-	-	-	23.3	21.4	20.5	19.8	18.7	18.1	118
125	35.9	30.6	29.1	24.7	23.8	22.9	-	-	-	21.8	20.3	19.4	18.5	17.6	17.2	125
131	34.0	28.9	27.4	23.4	22.5	21.8	-	-	-	20.6	19.2	18.5	17.5	16.5	16.1	131
144	30.3	25.7	24.5	20.8	20.3	19.8	-	-	-	18.4	17.4	16.8	15.5	14.8	14.6	144
158	27.2	22.9	21.9	18.5	18.3	18.1	-	-	-	16.4	15.7	15.2	13.7	13.2	13.0	158
171	24.4	20.5	19.7	16.4	16.4	16.5	-	-	-	14.6	14.1	13.9	12.0	11.8	11.7	171
184	21.5	18.4	18.0	14.7	14.8	14.9	-	-	-	12.9	12.8	12.7	10.6	10.6	10.5	184
197	18.6	16.5	16.5	13.2	13.1	13.2	-	-	-	11.4	11.5	11.5	9.3	9.4	9.3	197
210	-	14.7	15.0	11.7	11.7	-	-	-	-	10.1	10.3	10.4	8.2	8.3	8.4	210
223	-	-	13.7	10.6	10.6	-	-	-	-	9.0	9.0	-	7.1	7.3	7.4	223
236	-	-	12.4	9.5	9.5	-	-	-	-	7.9	8.2	-	6.2	6.4	-	236
249	-	-	-	8.6	-	-	-	-	-	7.1	7.3	-	5.3	5.5	-	249
263	-	-	-	-	-	-	-	-	-	6.4	6.4	-	4.4	4.6	-	263
276	-	-	-	-	-	-	-	-	-	5.7	-	-	-	-	-	276
145.7 ft 165.4 ft 185.0 ft 204.7 ft																
ft	1,000 lb															ft
72	29.3	-	-	25.8	-	-	-	-	-	-	-	-	-	-	-	72
79	27.3	-	-	24.0	-	-	-	21.2	-	-	-	-	-	-	-	79
85	25.4	-	-	22.3	-	-	-	19.8	-	-	-	-	17.2	-	-	85
92	23.7	-	-	20.7	-	-	-	18.5	-	-	-	-	16.0	-	-	92
98	22.0	20.1	-	19.2	17.9	-	-	17.2	-	-	-	-	14.8	-	-	98
105	20.6	19.0	-	17.9	16.8	-	-	16.0	-	-	-	-	13.7	-	-	105
112	19.2	17.9	16.8	16.5	15.7	-	-	14.8	13.7	-	-	-	12.6	-	-	112
118	18.0	16.8	15.9	15.4	14.8	14.3	-	13.7	12.8	-	-	-	11.6	11.0	-	118
125	16.8	15.9	15.0	14.3	13.9	13.4	-	12.6	11.9	-	-	-	10.6	10.4	-	125
131	15.8	14.8	14.3	13.3	13.0	12.6	-	11.7	11.2	-	-	-	9.7	9.5	-	131
144	13.9	13.2	12.8	11.6	11.2	11.2	-	10.0	9.7	9.7	-	-	7.9	8.2	8.4	144
158	12.2	11.7	11.5	10.0	9.9	9.9	-	8.5	8.4	8.4	-	-	6.4	6.8	7.1	158
171	10.8	10.4	10.3	8.7	8.6	8.7	-	7.2	7.2	7.4	-	-	5.2	5.6	6.0	171
184	9.5	9.3	9.1	7.6	7.5	7.6	-	6.1	6.2	6.3	-	-	-	4.4	5.0	184
197	8.2	8.2	8.2	6.5	6.5	6.6	-	5.1	5.1	5.3	-	-	-	-	-	197
210	7.2	7.2	7.3	5.5	5.5	5.7	-	-	-	4.4	-	-	-	-	-	210
223	6.2	6.2	6.4	4.6	4.6	4.9	-	-	-	-	-	-	-	-	-	223
236	5.3	5.5	5.6	-	-	-	-	-	-	-	-	-	-	-	-	236
249	4.4	4.6	4.9	-	-	-	-	-	-	-	-	-	-	-	-	249

Remarks

Counterweight 88,200 lb 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

**ALL TERRAIN CRANE**
AC 500-2**LIFTING CAPACITIES FIXED FLY JIB WITH SSL**

360°															85 %	
183.4 ft Main boom																
Fly jib																
27.6 ft		47.2 ft		66.9 ft		86.6 ft			106.3 ft			126.0 ft				
Radius	0°	0°	0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	Radius
ft	1,000 lb															ft
39	159.0	95.7	-	-	-	-	-	-	-	-	-	-	-	-	-	39
46	146.4	123.2	103.6	58.6	-	-	-	-	-	-	-	-	-	-	-	46
53	134.7	113.1	95.2	81.8	-	-	70.8	-	-	41.9	-	-	-	-	-	53
59	124.1	104.3	88.0	75.4	57.1	-	65.7	-	-	57.8	-	-	-	-	-	59
66	114.4	96.3	81.6	69.9	54.0	-	60.8	-	-	53.6	-	-	-	-	-	66
72	105.6	89.5	76.1	64.8	50.9	43.9	56.7	40.6	-	49.8	-	-	-	-	-	72
79	97.8	83.7	71.4	60.7	48.3	41.9	53.0	38.6	-	46.6	35.1	-	-	-	-	79
85	91.5	77.8	66.8	56.7	45.6	40.1	49.4	36.6	31.3	43.4	33.3	-	-	-	-	85
92	87.0	73.1	63.2	53.4	43.4	38.6	46.4	34.8	30.4	40.7	31.5	27.3	-	-	-	92
98	82.5	68.3	59.5	50.0	41.2	36.8	43.4	33.1	29.3	37.9	30.0	26.2	-	-	-	98
105	78.5	64.8	56.7	47.4	39.5	35.5	41.1	31.5	28.2	35.7	28.7	25.4	-	-	-	105
112	74.5	61.5	53.8	44.8	37.5	34.0	38.8	30.0	27.3	33.5	27.1	24.3	-	-	-	112
118	71.3	58.8	51.3	42.7	35.9	32.8	36.8	28.7	26.2	31.7	25.8	23.4	-	-	-	118
125	68.1	56.0	48.7	40.6	34.4	31.5	34.8	27.3	25.4	30.0	24.7	22.5	-	-	-	125
131	64.0	53.6	46.2	38.7	33.1	30.4	33.3	26.0	24.3	28.5	23.6	21.6	-	-	-	131
144	55.7	49.2	41.3	35.2	30.6	28.2	30.4	23.8	22.5	25.9	21.4	20.1	-	-	-	144
158	47.6	45.4	37.8	32.0	28.2	26.5	27.9	21.8	20.7	23.6	19.6	18.5	-	-	-	158
171	40.8	41.2	35.2	29.0	26.2	24.7	25.7	20.3	19.2	21.6	18.1	17.2	-	-	-	171
184	35.1	36.0	32.8	26.2	24.5	23.4	23.7	19.0	17.9	19.8	16.8	15.9	-	-	-	184
197	27.3	31.1	30.9	23.7	22.9	-	21.8	17.9	16.8	18.3	15.4	14.8	-	-	-	197
210	-	25.2	29.2	22.3	21.6	-	20.1	17.0	15.9	16.8	14.3	13.7	-	-	-	210
223	-	-	25.8	20.9	20.3	-	18.4	16.1	-	15.4	13.4	12.8	-	-	-	223
236	-	-	19.4	19.8	18.5	-	16.8	15.4	-	14.1	12.6	-	-	-	-	236
249	-	-	-	16.8	-	-	15.4	14.8	-	12.8	11.7	-	-	-	-	249
263	-	-	-	-	-	-	14.6	13.4	-	12.0	10.8	-	-	-	-	263
276	-	-	-	-	-	-	11.0	-	-	11.2	9.9	-	-	-	-	276
289	-	-	-	-	-	-	-	-	-	9.0	-	-	-	-	-	289
145.7 ft 165.4 ft 185.0 ft 204.7 ft																
ft	1,000 lb															ft
59	33.1	-	-	27.3	-	-	-	-	-	-	-	-	-	-	-	59
66	47.2	-	-	27.1	-	-	22.7	-	-	-	-	-	-	-	-	66
72	44.1	-	-	39.0	-	-	34.8	-	-	-	17.4	-	-	-	-	72
79	41.2	-	-	36.6	-	-	32.6	-	-	-	28.9	-	-	-	-	79
85	38.4	26.7	-	34.2	-	-	30.4	-	-	-	26.9	-	-	-	-	85
92	36.0	25.8	-	32.1	24.0	-	28.5	-	-	-	25.2	-	-	-	-	92
98	33.7	24.7	-	30.0	22.7	-	26.7	-	-	-	23.6	-	-	-	-	98
105	31.7	23.6	20.1	28.1	21.6	-	25.0	19.2	-	-	22.0	-	-	-	-	105
112	29.8	22.7	19.4	26.2	20.5	18.1	23.4	18.3	-	-	20.5	15.4	-	-	-	112
118	28.2	21.8	18.7	24.8	19.6	17.2	22.0	17.4	-	-	19.2	14.8	-	-	-	118
125	26.7	20.7	18.3	23.4	18.5	16.5	20.7	16.5	-	-	17.9	14.1	-	-	-	125
131	25.4	19.8	17.6	22.0	17.6	15.9	19.5	15.7	13.9	-	16.8	13.4	-	-	-	131
144	22.9	18.3	16.5	19.7	16.1	14.6	17.3	14.1	12.8	-	14.7	12.1	11.2	-	-	144
158	20.8	16.8	15.4	17.9	14.6	13.2	15.4	12.6	11.7	-	12.9	10.8	10.1	-	-	158
171	19.0	15.2	14.3	16.2	13.2	12.1	13.9	11.2	10.6	-	11.5	9.5	9.0	-	-	171
184	17.4	14.1	13.4	14.7	11.9	11.2	12.6	9.9	9.5	-	10.1	8.2	7.7	-	-	184
197	16.1	13.0	12.6	13.2	10.8	10.4	11.4	8.8	8.4	-	9.0	6.8	6.6	-	-	197
210	14.8	12.1	11.7	12.1	9.9	9.5	10.3	7.7	7.3	-	8.0	5.3	5.5	-	-	210
223	13.6	11.2	11.0	11.0	9.0	8.8	9.1	6.6	6.4	-	7.2	-	-	-	-	223
236	12.3	10.6	10.4	10.1	8.2	8.2	8.2	5.7	5.3	-	6.4	-	-	-	-	236
249	11.4	9.9	-	9.0	7.3	7.5	7.5	4.9	4.4	-	5.6	-	-	-	-	249
263	10.3	9.3	-	8.3	6.6	7.1	6.6	-	-	-	4.9	-	-	-	-	263
276	9.3	8.8	-	7.5	5.7	-	6.0	-	-	-	-	-	-	-	-	276
289	8.6	8.2	-	6.6	5.1	-	5.2	-	-	-	-	-	-	-	-	289
302	8.0	-	-	5.7	-	-	-	-	-	-	-	-	-	-	-	302
315	4.6	-	-	4.9	-	-	-	-	-	-	-	-	-	-	-	315
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	328

Remarks: see page 20

Counterweight 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

**TEREX | DEMAG****LIFTING CAPACITIES FIXED FLY JIB**

360°															85 %	
169.9 ft Main boom																
Fly jib																
27.6 ft		47.2 ft		66.9 ft		86.6 ft			106.3 ft			126.0 ft				
Radius	0°	0°	0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	Radius
ft	1,000 lb															ft
39	117.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39
46	106.0	89.1	76.1	-	-	-	-	-	-	-	-	-	-	-	-	46
53	96.1	81.6	70.1	60.6	-	-	-	-	-	-	-	-	-	-	-	53
59	87.5	75.0	64.6	56.0	-	-	48.5	-	-	42.8	-	-	-	-	-	59
66	80.0	69.0	59.7	51.6	45.2	-	45.0	-	-	39.7	-	-	-	-	-	66
72	73.6	63.7	55.3	47.8	42.3	39.5	41.7	-	-	36.8	-	-	-	-	-	72
79	68.6	59.3	51.7	44.5	39.7	37.3	38.8	34.2	-	34.3	30.6	-	-	-	-	79
85	63.5	54.9	48.1	41.2	37.3	35.3	35.9	32.0	-	31.7	28.7	-	-	-	-	85
92	59.5	51.3	45.3	38.7	35.1	33.3	33.7	30.2	28.0	29.7	26.9	25.6	-	-	-	92
98	55.6	47.6	42.5	36.2	33.1	31.5	31.5	28.4	26.7	27.6	25.4	24.0	-	-	-	98
105	52.1	44.9	40.3	34.1	31.3	30.0	29.7	26.9	25.4	25.9	24.0	22.9	-	-	-	105
112	48.7	42.1	38.1	32.0	29.5	28.4	27.8	25.4	24.3	24.3	22.5	21.6	-	-	-	112
118	45.9	39.7	36.3	30.3	28.2	27.1	26.2	24.3	23.1	22.8	21.2	20.5	-	-	-	118
125	43.0	37.3	34.4	28.7	26.7	26.0	24.7	22.9	22.0	21.4	20.1	19.4	-	-	-	125
131	40.6	35.3	32.7	27.3	25.6	24.9	23.5	21.8	20.9	20.2	19.0	18.5	-	-	-	131
144	36.0	31.7	29.7	24.8	23.4	22.7	21.2	19.8	19.2	18.0	17.0	16.8	-	-	-	144
158	32.3	28.8	26.9	22.5	21.4	21.2	19.2	18.1	17.6	16.1	15.4	15.2	-	-	-	158
171	29.3	26.1	24.5	20.5	19.6	19.5	17.4	16.5	16.3	14.4	13.9	13.7	-	-	-	171
184	26.8	23.9	22.5	18.7	18.1	18.1	15.8	15.2	15.1	12.9	12.6	12.5	-	-	-	184
197	-	21.6	20.7	17.3	16.8	-	14.6	14.0	14.0	11.8	11.4	11.5	-	-	-	197
210	-	-	19.3	15.9	15.5	-	13.4	12.9	-	10.6	10.4	10.6	-	-	-	210
223	-	-	17.8	14.6	14.3	-	12.3	11.9	-	9.7	9.5	9.7	-	-	-	223
236	-	-	-	13.4	-	-	11.2	11.1	-	8.8	8.7	-	-	-	-	236
249	-	-	-	-	-	-	10.4	10.4	-	8.0	7.9	-	-	-	-	249
263	-	-	-	-	-	-	9.6	-	-	7.4	7.4	-	-	-	-	263
276	-	-	-	-	-	-	-	-	-	6.7	-	-	-	-	-	276
289	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	289

145.7 ft				165.4 ft			185.0 ft			204.7 ft			ft
1,000 lb												ft	
66	35.7	-	-	-	-	-	-	-	-	-	-	-	66
72	33.3	-	-	29.5	-	-	26.5	-	-	-	-	-	72
79	31.1	-	-	27.6	-	-	24.7	-	-	21.6	-	-	79
85	28.9	-	-	25.6	-	-	22.9	-	-	20.1	-	-	85
92	27.0	24.0	-	23.8	-	-	21.4	-	-	18.6	-	-	92
98	25.1	22.7	-	22.0	20.5	-	19.8	-	-	17.2	-	-	98
105	23.5	21.4	-	20.6	19.2	-	18.4	17.0	-	16.0	-	-	105
112	21.8	20.1	19.0	19.2	18.1	-	17.0	15.9	-	14.8	14.1	-	112
118	20.5	19.0	18.1	18.0	17.0	16.3	15.9	15.0	-	13.7	13.2	-	118
125	19.2	17.9	17.2	16.8	15.9	15.4	14.8	14.1	-	12.6	12.3	-	125
131	18.1	17.0	16.3	15.7	15.0	14.6	13.8	13.2	12.8	11.7	11.5	-	131
144	16.1	15.2	14.8	13.7	13.2	13.0	11.9	11.5	11.2	9.9	9.9	9.9	144
158	14.3	13.7	13.2	12.1	11.7	11.7	10.3	10.1	9.9	8.4	8.4	8.6	158
171	12.8	12.2	12.0	10.8	10.4	10.4	8.9	8.8	8.9	7.1	7.2	7.4	171
184	11.5	11.1	10.9	9.6	9.1	9.1	7.8	7.7	7.8	5.8	6.1	6.3	184
197	10.3	10.0	9.9	8.3	8.2	8.2	6.8	6.7	6.8	4.9	5.1	5.3	197
210	9.3	9.0	9.0	7.3	7.3	7.3	6.0	5.8	6.0	-	-	4.4	210
223	8.4	8.2	8.2	6.4	6.4	6.4	5.2	5.1	5.1	-	-	-	223
236	7.5	7.3	7.5	5.6	5.6	5.7	-	-	4.4	-	-	-	236
249	6.7	6.6	-	4.9	4.9	5.0	-	-	-	-	-	-	249
263	6.1	6.1	-	-	-	-	-	-	-	-	-	-	263
276	5.5	5.5	-	-	-	-	-	-	-	-	-	-	276
289	5.1	5.1	-	-	-	-	-	-	-	-	-	-	289
302	4.6	-	-	-	-	-	-	-	-	-	-	-	302
315	-	-	-	-	-	-	-	-	-	-	-	-	315

Remarks

Counterweight 88,200 lb 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb

Max. capacities with minimum counterweight · Further counterweight configurations on request

**ALL TERRAIN CRANE**
AC 500-2**LIFTING CAPACITIES FIXED FLY JIB WITH SSL**

360°														85 %
169.9 ft Main boom														
Radius	Fly jib												Radius	
	27.6 ft	47.2 ft	66.9 ft	86.6 ft			106.3 ft			126.0 ft				
	0°	0°	0°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
ft	1,000 lb												ft	
33	179.5	-	-	-	-	-	-	-	-	-	-	-	33	
39	166.0	145.9	126.8	73.9	-	-	-	-	-	-	-	-	39	
46	153.4	134.5	116.0	97.0	-	-	80.7	-	-	-	-	-	46	
53	141.5	124.1	106.5	89.7	-	-	75.0	-	-	66.1	-	-	53	
59	130.7	114.6	97.9	83.1	63.3	-	70.1	-	-	61.9	-	-	59	
66	120.8	106.0	90.4	77.4	59.5	51.1	65.5	47.4	-	58.0	-	-	66	
72	115.1	98.3	83.8	72.1	56.0	48.7	61.3	45.0	-	54.5	40.8	-	72	
79	109.7	91.6	78.3	67.6	52.9	46.5	57.7	42.5	-	51.3	38.8	-	79	
85	104.3	86.9	72.8	63.1	50.0	44.5	54.0	40.3	35.3	48.1	36.6	31.7	85	
92	99.4	82.3	68.9	59.4	47.4	42.5	51.0	38.4	34.0	45.3	34.8	30.4	92	
98	94.6	77.8	65.3	55.8	45.2	40.8	48.1	36.4	32.8	42.5	32.8	29.3	98	
105	88.8	74.0	61.9	52.8	43.0	39.2	45.6	34.6	31.5	40.3	31.3	28.2	105	
112	83.1	70.1	58.6	49.8	41.0	37.5	43.2	32.8	30.4	38.1	29.8	26.9	112	
118	76.8	66.8	55.8	47.3	39.2	36.2	41.1	31.3	29.1	36.2	28.2	26.0	118	
125	70.5	63.5	52.9	44.8	37.5	34.6	39.0	29.8	28.0	34.2	26.9	24.9	125	
131	65.4	60.6	50.5	42.7	36.2	33.5	37.3	28.4	26.9	32.6	25.6	23.8	131	
144	55.9	55.2	46.2	38.7	33.3	31.1	34.0	25.8	24.7	29.7	23.4	22.0	144	
158	48.0	49.1	42.7	35.1	30.6	28.9	31.0	23.8	22.7	27.0	21.2	20.3	158	
171	41.2	42.3	39.7	31.9	28.4	27.1	28.3	22.3	20.9	24.7	19.6	18.7	171	
184	32.6	36.4	37.3	28.9	26.7	25.4	25.8	20.7	19.6	22.5	18.1	17.2	184	
197	-	30.0	34.4	27.6	24.9	-	23.6	19.6	18.5	20.7	16.8	15.9	197	
210	-	-	30.2	26.1	23.4	-	21.5	18.7	-	19.0	15.4	14.8	210	
223	-	-	23.4	24.5	21.8	-	20.1	17.9	-	17.4	14.6	-	223	
236	-	-	-	20.6	-	-	19.1	17.0	-	15.8	13.4	-	236	
249	-	-	-	-	-	-	17.9	16.3	-	14.6	12.3	-	249	
263	-	-	-	-	-	-	13.9	-	-	13.7	11.5	-	263	
276	-	-	-	-	-	-	-	-	-	12.0	-	-	276	

145.7 ft				165.4 ft			185.0 ft			204.7 ft			
ft							1,000 lb						ft
53	40.8	-	-	-	-	-	-	-	-	-	-	-	53
59	54.2	-	-	47.6	-	-	-	-	-	-	-	-	59
66	50.9	-	-	45.0	-	-	28.9	-	-	23.4	-	-	66
72	47.8	-	-	42.8	-	-	39.0	-	-	22.9	-	-	72
79	45.1	-	-	40.5	-	-	36.5	-	-	32.6	-	-	79
85	42.3	29.8	-	38.1	28.0	-	34.2	-	-	30.4	-	-	85
92	40.0	28.7	-	36.2	26.5	-	32.1	-	-	28.5	-	-	92
98	37.7	27.3	-	34.2	25.1	-	30.0	-	-	26.7	-	-	98
105	35.6	26.2	22.7	32.3	23.8	20.9	28.2	21.4	-	25.0	17.9	-	105
112	33.5	25.1	21.8	30.4	22.5	20.1	26.5	20.3	-	23.4	17.0	-	112
118	31.9	24.0	21.2	28.8	21.4	19.2	24.9	19.2	-	21.9	16.3	-	118
125	30.2	22.9	20.3	27.1	20.3	18.3	23.4	18.1	16.3	20.5	15.4	-	125
131	28.7	21.8	19.6	25.6	19.2	17.4	22.0	17.2	15.7	19.3	14.8	13.9	131
144	25.9	19.8	18.3	22.8	17.2	15.9	19.6	15.4	14.1	17.0	13.2	12.6	144
158	23.5	18.1	17.0	20.4	15.7	14.6	17.6	13.7	12.8	15.1	11.7	11.2	158
171	21.3	16.5	15.9	18.2	14.1	13.2	16.0	12.3	11.5	13.6	10.4	9.9	171
184	19.4	15.2	14.8	16.5	12.8	12.1	14.6	11.0	10.4	12.1	9.0	8.6	184
197	17.7	14.1	13.7	14.9	11.7	11.2	13.2	9.7	9.3	10.8	7.7	7.3	197
210	16.2	13.0	12.8	13.6	10.6	10.4	12.0	8.6	8.2	9.6	6.4	6.0	210
223	14.8	12.1	11.9	12.3	9.7	9.5	10.8	7.5	7.1	8.6	5.1	4.6	223
236	13.6	11.5	11.0	11.4	9.0	8.8	9.9	6.6	6.2	7.7	-	-	236
249	12.3	10.8	-	10.4	8.2	8.2	9.0	5.5	5.1	6.8	-	-	249
263	11.2	10.1	-	9.5	7.5	-	8.2	4.6	-	6.0	-	-	263
276	10.3	9.5	-	8.6	6.8	-	7.3	-	-	5.3	-	-	276
289	9.6	-	-	7.7	6.0	-	6.6	-	-	4.6	-	-	289
302	-	-	-	6.8	5.1	-	5.7	-	-	-	-	-	302
315	-	-	-	5.7	-	-	5.0	-	-	-	-	-	315

Remarks: see page 22

Counterweight 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb



LIFTING CAPACITIES FIXED FLY JIB

 360° 85 %

139.4 ft Main boom

Fly jib																
27.6 ft		47.2 ft		66.9 ft		86.6 ft			106.3 ft			126.0 ft				
Radius	0°	0°	0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	Radius
ft	1,000 lb														ft	
33	172.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33
39	152.3	137.8	107.6	-	-	-	-	-	-	-	-	-	-	-	-	39
46	135.1	122.4	101.0	97.0	-	-	-	-	-	-	-	-	-	-	-	46
53	121.0	109.6	94.6	88.6	-	-	76.7	-	-	67.0	-	-	67.0	-	-	53
59	109.1	98.5	88.2	81.1	68.3	-	72.1	-	-	63.1	-	-	63.1	-	-	59
66	99.2	89.3	82.2	74.5	65.3	56.7	67.5	50.3	-	59.5	-	-	59.5	-	-	66
72	91.1	81.6	76.5	68.6	62.2	54.7	63.1	47.8	-	56.0	46.3	-	56.0	46.3	-	72
79	84.4	75.5	71.2	63.6	59.1	52.7	59.1	45.6	39.5	52.8	43.9	-	52.8	43.9	-	79
85	77.8	69.4	65.9	58.6	55.8	50.9	55.1	43.7	38.1	49.6	41.7	38.1	49.6	41.7	38.1	85
92	72.6	64.8	61.3	54.8	52.9	48.7	51.5	41.7	37.0	46.6	39.7	36.6	46.6	39.7	36.6	92
98	67.5	60.2	56.7	50.9	49.8	46.7	47.8	39.7	35.7	43.7	37.7	35.3	43.7	37.7	35.3	98
105	63.2	56.3	53.0	47.8	47.0	44.8	44.8	37.9	34.6	41.1	35.9	34.0	41.1	35.9	34.0	105
112	58.9	52.5	49.4	44.8	44.1	42.8	41.7	36.2	33.3	38.6	34.4	32.6	38.6	34.4	32.6	112
118	55.4	49.3	46.4	42.1	41.7	40.8	39.0	34.6	32.2	36.3	32.8	31.5	36.3	32.8	31.5	118
125	52.0	46.1	43.4	39.5	39.2	38.8	36.4	33.1	31.1	34.0	31.5	30.4	34.0	31.5	30.4	125
131	49.1	43.5	41.2	37.3	37.0	36.8	34.3	31.5	30.0	32.1	30.2	29.3	32.1	30.2	29.3	131
144	43.4	39.0	37.3	33.2	33.1	33.3	30.4	28.7	27.8	28.5	27.6	27.1	28.5	27.6	27.1	144
158	37.9	35.3	34.0	29.8	29.8	30.0	27.3	26.0	25.6	25.4	25.1	25.1	25.4	25.1	25.1	158
171	-	32.1	31.2	27.0	26.8	-	24.7	23.6	23.6	22.8	22.8	22.9	22.8	22.8	22.9	171
184	-	-	28.7	24.6	24.0	-	22.7	21.5	21.6	20.5	20.5	20.7	20.5	20.5	20.7	184
197	-	-	-	22.5	21.4	-	20.9	19.6	-	18.5	18.4	18.4	18.5	18.4	18.4	197
210	-	-	-	20.7	-	-	19.2	18.1	-	16.9	16.5	-	16.9	16.5	-	210
223	-	-	-	-	-	-	17.6	16.8	-	15.4	14.8	-	15.4	14.8	-	223
236	-	-	-	-	-	-	-	-	-	14.0	13.5	-	14.0	13.5	-	236
249	-	-	-	-	-	-	-	-	-	12.6	-	-	12.6	-	-	249

145.7 ft				165.4 ft				185.0 ft				204.7 ft				
ft							1,000 lb									ft
59	55.8	-	-	48.1	-	-	-	-	-	-	-	-	-	-	-	59
66	52.2	-	-	44.8	-	-	39.7	-	-	-	-	-	-	-	-	66
72	48.9	-	-	41.9	-	-	37.0	-	-	-	32.2	-	-	-	-	72
79	46.1	-	-	39.2	-	-	34.7	-	-	-	30.1	-	-	-	-	79
85	43.2	33.7	-	36.6	31.3	-	32.4	-	-	-	28.0	-	-	-	-	85
92	40.7	32.6	-	34.4	29.8	-	30.4	-	-	-	26.1	-	-	-	-	92
98	38.1	31.3	26.5	32.2	28.4	-	28.4	23.8	-	-	24.3	-	-	-	-	98
105	36.0	30.2	26.2	30.5	27.3	25.8	26.8	22.7	-	-	22.7	21.2	-	-	-	105
112	34.0	29.3	26.0	28.9	26.0	24.7	25.1	21.8	-	-	21.2	20.1	-	-	-	112
118	32.1	28.2	25.6	27.3	24.9	23.6	23.8	20.9	-	-	20.0	19.2	-	-	-	118
125	30.2	27.3	25.1	25.8	23.8	22.5	22.5	20.1	19.4	-	18.7	18.1	16.8	-	-	125
131	28.7	26.2	24.5	24.7	22.9	21.6	21.3	19.4	18.5	-	17.6	17.2	16.3	-	-	131
144	25.7	24.5	23.4	22.5	20.9	19.8	19.1	17.9	17.0	-	15.5	15.7	15.2	-	-	144
158	23.1	22.7	21.8	20.5	19.4	18.1	17.2	16.3	15.7	-	13.9	14.1	14.1	-	-	158
171	20.7	20.7	20.3	18.7	17.7	16.6	15.5	15.0	14.3	-	12.6	12.8	12.9	-	-	171
184	18.7	19.0	18.7	17.0	16.2	15.2	14.0	13.7	13.2	-	11.4	11.6	11.9	-	-	184
197	17.0	17.2	17.0	15.3	14.7	14.0	12.6	12.5	12.0	-	10.3	10.6	10.7	-	-	197
210	15.2	15.4	15.5	13.7	13.2	12.8	11.3	11.2	10.9	-	9.3	9.6	9.6	-	-	210
223	13.7	13.7	-	12.2	11.7	11.6	10.1	9.9	9.8	-	8.4	8.6	8.5	-	-	223
236	12.2	12.1	-	10.7	10.4	-	9.0	8.7	8.8	-	7.5	7.7	7.2	-	-	236
249	10.9	10.8	-	9.2	9.1	-	7.6	7.6	7.9	-	6.5	6.7	6.0	-	-	249
263	9.5	-	-	7.8	7.9	-	6.4	6.6	-	-	5.2	5.5	4.9	-	-	263
276	-	-	-	6.2	7.1	-	5.1	5.7	-	-	-	-	-	-	-	276
289	-	-	-	4.8	-	-	-	-	-	-	-	-	-	-	-	289
302	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	302

Remarks

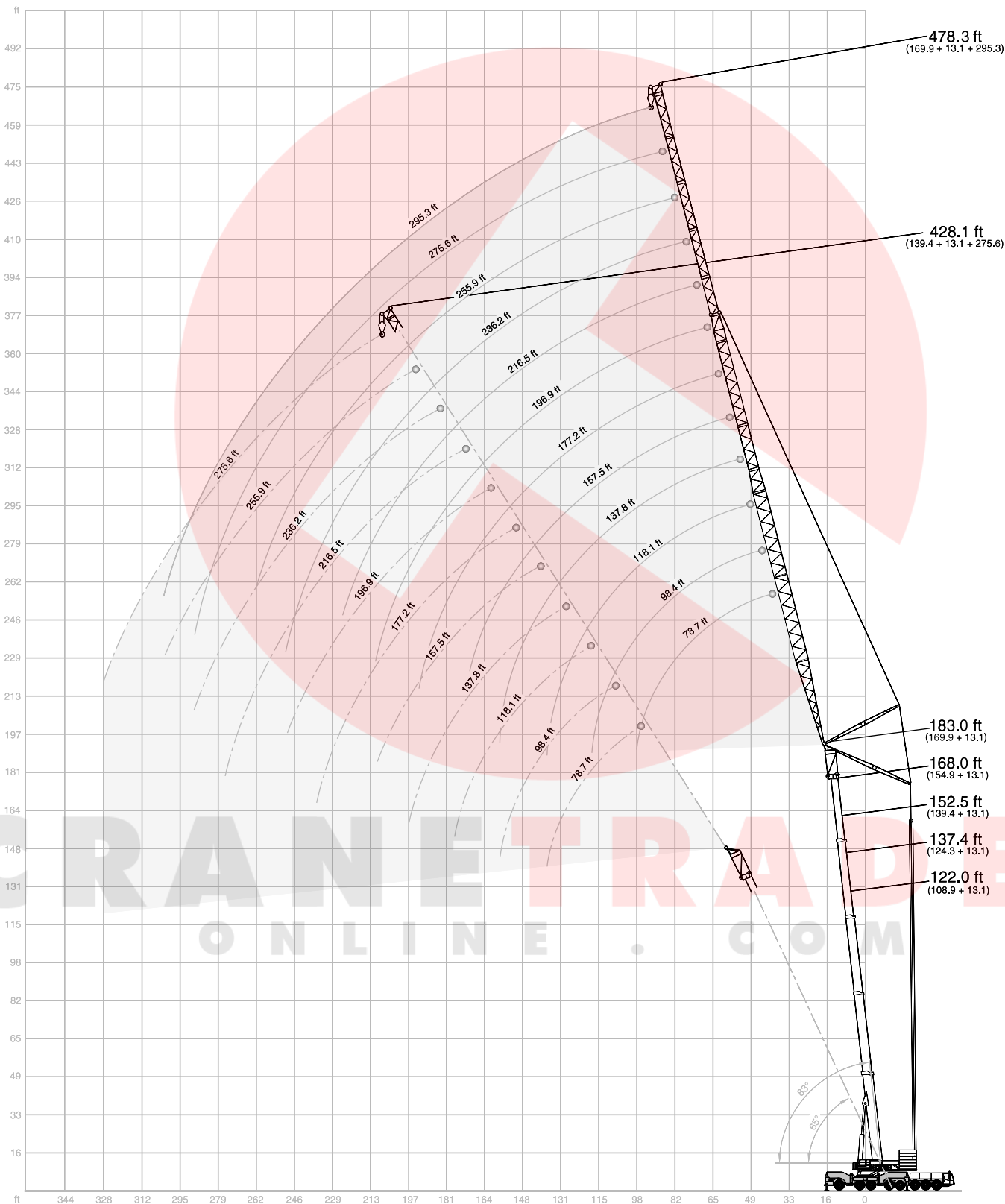
Counterweight 88,200 lb 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb

Max. capacities with minimum counterweight
Further counterweight configurations on request



ALL TERRAIN CRANE
AC 500-2

WORKING RANGES LUFFING FLY JIB, MAIN BOOM 83° TO 65° WITH / WITHOUT SSL



**TEREX | DEMAG****LIFTING CAPACITIES LUFFING FLY JIB, MAIN BOOM 83° TO 65°** 360° **85 %****48.2 ft + 13.1 ft Main boom + adapter**

		Fly jib																			
		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft				
Radius		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	Radius	
ft		1,000 lb																		ft	
46		257.9	-	-	224.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	
53		235.9	-	-	216.1	-	-	188.5	-	-	151.5	-	-	-	-	-	-	-	-	53	
59		213.4	-	-	206.1	-	-	185.2	-	-	151.5	-	-	119.9	-	-	-	-	-	59	
66		191.8	-	-	190.7	-	-	181.9	-	-	151.5	-	-	119.9	-	-	108.0	-	-	66	
72		173.7	167.1	-	172.8	165.8	-	171.1	-	-	151.5	-	-	119.9	-	-	108.0	-	-	72	
79		158.7	152.6	-	157.6	151.5	-	155.9	149.5	-	149.3	-	-	119.9	-	-	108.0	-	-	79	
85		119.0	140.2	135.8	144.8	139.1	-	143.3	137.1	-	141.5	-	-	119.5	-	-	108.0	-	-	85	
92		-	129.6	125.7	134.0	128.5	124.3	132.3	126.5	-	130.5	124.8	-	114.9	-	-	108.0	-	-	92	
98		-	-	116.8	116.8	119.3	115.5	122.8	117.5	-	121.0	115.7	-	110.2	113.3	-	106.9	-	-	98	
105		-	-	-	-	111.3	107.6	114.4	109.3	105.6	112.7	107.6	-	105.6	108.9	-	105.2	104.5	-	105	
112		-	-	-	-	104.3	100.8	100.1	102.3	98.8	105.4	100.5	-	101.0	101.6	-	103.4	100.1	-	112	
118		-	-	-	-	-	94.8	83.1	96.1	92.6	98.8	94.1	90.8	95.9	95.5	-	98.5	93.7	-	118	
125		-	-	-	-	-	-	-	90.4	87.3	90.8	88.6	85.3	91.1	89.7	86.4	92.6	88.2	-	125	
131		-	-	-	-	-	-	-	85.5	82.2	78.7	83.6	80.5	86.0	84.7	81.4	87.3	83.1	-	131	
138		-	-	-	-	-	-	-	-	77.8	65.9	78.9	75.8	80.9	80.0	76.9	82.5	78.5	75.4	138	
144		-	-	-	-	-	-	-	-	-	-	74.7	71.9	74.7	75.8	73.0	78.0	74.3	71.2	144	
151		-	-	-	-	-	-	-	-	-	-	70.8	68.1	65.5	71.9	69.2	74.1	70.3	67.5	151	
158		-	-	-	-	-	-	-	-	-	-	-	64.6	55.3	67.9	65.5	68.6	66.8	64.2	158	
164		-	-	-	-	-	-	-	-	-	-	-	-	-	64.6	62.2	61.1	63.3	60.8	164	
177		-	-	-	-	-	-	-	-	-	-	-	-	-	-	56.2	45.4	57.3	54.9	177	
190		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50.0	190	

		196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft				
ft		1,000 lb																		ft	
72	92.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72		
79	92.6	-	-	74.1	-	-	62.8	-	-	-	-	-	-	-	-	-	-	-	79		
85	92.6	-	-	73.6	-	-	62.6	-	-	52.5	-	-	-	-	-	-	-	-	85		
92	92.6	-	-	73.2	-	-	62.4	-	-	51.8	-	-	41.7	-	-	-	-	-	92		
98	92.6	-	-	72.5	-	-	61.9	-	-	51.4	-	-	41.2	-	-	34.2	-	-	98		
105	91.7	-	-	72.1	-	-	61.7	-	-	50.9	-	-	40.6	-	-	33.5	-	-	105		
112	90.8	-	-	71.7	-	-	61.5	-	-	50.5	-	-	39.9	-	-	33.1	-	-	112		
118	89.5	84.9	-	71.0	-	-	61.1	-	-	49.8	-	-	39.2	-	-	32.4	-	-	118		
125	88.4	84.9	-	70.1	68.3	-	60.8	-	-	49.4	-	-	38.8	-	-	31.7	-	-	125		
131	86.6	82.2	-	69.4	67.9	-	60.2	-	-	48.7	-	-	38.1	-	-	31.3	-	-	131		
138	81.8	77.6	-	68.8	67.5	-	59.5	61.3	-	48.1	-	-	37.5	-	-	30.6	-	-	138		
144	77.4	73.4	-	68.1	67.2	-	59.1	60.6	-	47.4	49.2	-	36.8	-	-	30.0	-	-	144		
151	73.4	69.7	66.8	67.2	66.8	-	58.4	60.0	-	46.5	48.5	-	36.2	37.9	-	29.5	-	-	151		
158	69.7	66.1	63.5	65.7	64.4	61.5	58.0	59.3	-	45.9	47.8	-	35.5	37.0	-	28.9	-	-	158		
164	66.1	62.8	60.2	63.9	61.1	58.4	57.3	58.6	-	45.0	47.2	-	34.6	36.4	-	28.2	29.5	-	164		
177	57.1	56.7	54.2	58.2	55.1	52.7	55.6	53.6	50.9	43.4	45.6	-	33.3	34.6	-	27.1	28.2	-	177		
190	45.0	51.6	49.4	51.6	50.0	47.8	51.6	48.5	46.3	41.9	44.3	44.5	32.0	32.8	-	26.0	27.1	-	190		
203	-	47.2	45.0	41.9	45.4	43.4	46.3	44.1	41.9	40.1	43.0	41.7	30.6	31.3	32.4	24.9	25.8	26.9	203		
217	-	-	41.4	30.9	41.7	39.7	38.1	40.1	38.1	38.4	39.9	37.9	29.3	30.2	31.1	24.0	24.7	25.8	217		
230	-	-	-	-	-	36.4	29.5	36.8	35.1	35.5	36.6	34.6	28.2	29.1	29.8	23.1	23.8	24.7	230		
243	-	-	-	-	-	-	34.0	32.2	28.9	33.5	31.7	27.1	28.0	28.7	22.0	22.9	23.8	24.7	243		
256	-	-	-	-	-	-	-	-	-	30.9	29.1	26.2	27.1	27.6	21.2	21.8	22.7	23.8	256		
269	-	-	-	-	-	-	-	-	-	-	26.7	20.9	26.5	26.5	20.5	21.2	21.8	22.7	269		
282	-	-	-	-	-	-	-	-	-	-	-	-	24.9	24.3	19.6	20.5	21.2	22.7	282		
295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.1	20.5	21.2	295		
308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.6	20.5	308		
322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	322		

Remarks

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

**ALL TERRAIN CRANE**
AC 500-2**LIFTING CAPACITIES LUFFING FLY JIB, MAIN BOOM 83° TO 65°**

360°85 %																					
63.3 ft + 13.1 ft Main boom + adapter																					
Fly jib																					
		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft				
Radius		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	Radius	
ft		1,000 lb																		ft	
46	244.7	-	-	-	213.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	
53	229.3	-	-	-	203.9	-	-	172.6	-	-	-	-	-	-	-	-	-	-	-	53	
59	211.6	-	-	-	194.4	-	-	171.3	-	-	139.6	-	-	-	-	-	-	-	-	59	
66	189.8	-	-	-	185.0	-	-	170.0	-	-	139.6	-	-	114.6	-	-	102.5	-	-	66	
72	172.0	163.4	-	-	170.9	-	-	167.3	-	-	139.6	-	-	114.6	-	-	102.1	-	-	72	
79	157.2	149.0	-	-	156.1	147.7	-	154.3	-	-	139.6	-	-	114.6	-	-	101.6	-	-	79	
85	143.1	136.9	-	-	143.3	135.8	-	141.8	133.8	-	134.9	-	-	114.6	-	-	101.2	-	-	85	
92	-	126.5	121.3	-	132.5	125.4	-	130.7	123.5	-	129.2	-	-	112.4	-	-	100.8	-	-	92	
98	-	117.7	112.7	-	123.0	116.4	111.3	121.3	114.4	-	119.7	112.7	-	108.9	-	-	100.3	-	-	98	
105	-	-	105.2	-	100.5	108.5	103.8	113.1	106.7	-	111.3	104.7	-	105.6	106.0	-	99.6	-	-	105	
112	-	-	-	-	-	101.6	97.0	105.8	99.6	95.0	104.1	97.9	-	102.3	99.0	-	99.2	97.4	-	112	
118	-	-	-	-	-	95.5	91.3	92.2	93.5	89.1	97.7	91.7	-	97.7	92.8	-	97.4	91.3	-	118	
125	-	-	-	-	-	-	86.0	71.2	88.0	83.8	91.7	86.2	81.8	93.0	87.3	-	91.5	85.8	-	125	
131	-	-	-	-	-	-	-	-	83.1	79.1	86.0	81.1	77.2	87.7	82.5	-	86.2	80.7	-	131	
138	-	-	-	-	-	-	-	-	78.7	74.7	73.2	76.7	72.8	82.9	77.8	73.9	81.6	76.3	-	138	
144	-	-	-	-	-	-	-	-	-	71.0	57.1	72.5	69.0	78.0	73.6	69.9	77.2	72.1	68.1	144	
151	-	-	-	-	-	-	-	-	-	-	-	69.0	65.3	71.7	69.9	66.4	73.2	68.3	64.6	151	
158	-	-	-	-	-	-	-	-	-	-	-	65.3	61.9	61.5	66.1	62.8	69.2	64.8	61.3	158	
164	-	-	-	-	-	-	-	-	-	-	-	-	58.6	-	62.8	59.5	65.7	61.5	58.2	164	
177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.0	50.0	55.6	52.5	177	
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50.5	47.8	190	
203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.7	203	
217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	217	

		196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft				
ft		1,000 lb																		ft	
72	86.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	
79	86.4	-	-	-	69.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79	
85	86.2	-	-	-	68.6	-	-	60.8	-	-	-	-	-	-	-	-	-	-	-	85	
92	85.8	-	-	-	68.1	-	-	60.6	-	-	47.8	-	-	-	-	-	-	-	-	92	
98	85.5	-	-	-	67.7	-	-	60.4	-	-	47.8	-	-	39.0	-	-	-	-	-	98	
105	85.1	-	-	-	67.0	-	-	60.2	-	-	47.6	-	-	38.6	-	-	31.7	-	-	105	
112	84.7	-	-	-	66.6	-	-	60.0	-	-	47.4	-	-	38.1	-	-	31.3	-	-	112	
118	84.0	-	-	-	66.1	-	-	59.5	-	-	47.4	-	-	37.7	-	-	30.9	-	-	118	
125	83.3	80.0	-	-	65.9	-	-	59.3	-	-	47.2	-	-	37.0	-	-	30.4	-	-	125	
131	82.7	80.0	-	-	65.5	65.5	-	58.9	-	-	46.7	-	-	36.6	-	-	29.8	-	-	131	
138	80.9	75.4	-	-	65.0	64.8	-	58.4	60.2	-	46.5	-	-	36.2	-	-	29.3	-	-	138	
144	76.5	71.4	-	-	64.6	64.2	-	57.8	59.5	-	45.9	-	-	35.5	-	-	28.9	-	-	144	
151	72.5	67.7	-	-	64.2	63.7	-	57.3	59.1	-	45.4	47.0	-	35.1	-	-	28.4	-	-	151	
158	68.8	64.2	60.6	-	63.3	62.4	-	56.9	58.6	-	44.8	46.3	-	34.4	35.7	-	27.8	-	-	158	
164	65.3	60.8	57.5	-	62.4	59.1	-	56.4	57.3	-	44.3	45.9	-	33.7	35.1	-	27.3	28.4	-	164	
177	58.9	54.9	52.0	-	57.5	53.6	50.3	55.3	51.8	-	43.2	45.0	-	32.6	34.0	-	26.5	27.3	-	177	
190	48.9	49.8	47.2	-	52.0	48.3	45.6	50.7	47.0	43.9	41.7	44.1	43.2	31.5	32.8	-	25.6	26.5	-	190	
203	-	45.6	43.0	-	45.2	44.1	41.4	46.1	42.5	39.7	40.1	42.3	39.5	30.4	31.5	32.8	24.5	25.4	-	203	
217	-	-	39.5	-	34.4	40.3	37.7	41.0	38.8	36.2	38.4	38.6	35.7	29.3	30.4	31.5	23.6	24.3	25.4	217	
230	-	-	-	-	-	37.0	34.6	32.4	35.5	33.1	36.4	35.3	32.6	28.2	29.3	30.2	22.7	23.6	24.3	230	
243	-	-	-	-	-	-	32.0	-	32.6	30.2	31.5	32.2	29.8	27.1	28.2	29.1	21.8	22.7	23.4	243	
256	-	-	-	-	-	-	-	-	27.6	23.4	29.8	27.1	24.9	26.5	27.3	26.9	20.9	22.0	22.5	256	
269	-	-	-	-	-	-	-	-	-	-	27.3	24.9	22.7	23.4	26.5	24.5	20.3	21.2	21.8	269	
282	-	-	-	-	-	-	-	-	-	-	-	22.7	-	-	24.7	22.5	19.6	20.7	21.2	282	
295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.5	15.9	20.3	19.6	295	
308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.8	18.1	308	
322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	322	

Remarks

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

**LIFTING CAPACITIES LUFFING FLY JIB, MAIN BOOM 83° TO 65°** 360° **85 %****78.7 ft + 13.1 ft Main boom + adapter**

Fly jib																				
78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft					
Radius	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	Radius	
ft	1,000 lb																			ft
53	217.8	-	-	192.2	-	-	159.8	-	-	-	-	-	-	-	-	-	-	-	53	
59	203.7	-	-	183.4	-	-	158.3	-	-	130.7	-	-	-	-	-	-	-	-	59	
66	188.3	-	-	174.6	-	-	156.7	-	-	130.7	-	-	109.8	-	-	-	-	-	66	
72	170.4	-	-	166.0	-	-	155.2	-	-	130.7	-	-	109.8	-	-	96.8	-	-	72	
79	155.6	145.9	-	154.5	-	-	150.1	-	-	130.7	-	-	109.8	-	-	96.3	-	-	79	
85	143.1	134.0	-	142.0	132.9	-	140.2	-	-	129.4	-	-	109.8	-	-	95.7	-	-	85	
92	-	123.9	-	131.2	122.6	-	129.4	120.8	-	125.2	-	-	109.6	-	-	95.2	-	-	92	
98	-	115.1	109.1	121.9	113.8	-	120.2	112.0	-	118.4	-	-	107.1	-	-	94.6	-	-	98	
105	-	-	101.6	113.1	106.0	100.3	112.0	104.1	-	110.2	102.3	-	104.5	-	-	94.1	-	-	105	
112	-	-	95.2	-	99.2	93.9	104.7	97.4	-	103.0	95.5	-	102.1	96.8	-	93.7	-	-	112	
118	-	-	-	-	93.3	88.0	98.3	91.3	86.0	96.6	89.5	-	97.9	90.6	-	93.0	87.7	-	118	
125	-	-	-	-	-	82.9	80.2	85.8	80.9	90.8	84.0	-	92.2	85.3	-	90.6	83.6	-	125	
131	-	-	-	-	-	78.3	-	80.9	76.3	85.5	79.1	74.3	86.9	80.2	-	85.3	78.7	-	131	
138	-	-	-	-	-	-	-	76.7	72.1	78.9	74.7	70.1	82.2	75.8	-	80.7	74.3	-	138	
144	-	-	-	-	-	-	-	-	68.3	64.4	70.8	66.4	77.8	71.9	67.5	76.3	70.1	-	144	
151	-	-	-	-	-	-	-	-	64.6	-	67.0	62.8	73.6	68.1	63.9	72.3	66.6	62.2	151	
158	-	-	-	-	-	-	-	-	-	-	63.5	59.5	66.1	64.6	60.6	68.6	63.3	58.9	158	
164	-	-	-	-	-	-	-	-	-	-	-	56.4	54.5	61.3	57.3	65.0	60.0	56.0	164	
177	-	-	-	-	-	-	-	-	-	-	-	-	-	55.3	51.8	54.0	54.0	50.5	177	
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47.2	-	49.2	45.9	190	
203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.9	203	

196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			
ft	1,000 lb															ft		
79	82.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79	
85	81.4	-	-	63.9	-	-	57.3	-	-	-	-	-	-	-	-	-	85	
92	80.9	-	-	63.5	-	-	56.9	-	-	46.3	-	-	-	-	-	-	92	
98	80.5	-	-	63.3	-	-	56.7	-	-	46.3	-	-	36.6	-	-	-	98	
105	80.0	-	-	62.8	-	-	56.4	-	-	46.1	-	-	36.2	-	-	31.1	105	
112	79.6	-	-	62.4	-	-	56.2	-	-	45.9	-	-	35.9	-	-	30.6	112	
118	79.1	-	-	61.9	-	-	56.0	-	-	45.6	-	-	35.7	-	-	30.2	118	
125	78.7	-	-	61.5	-	-	55.8	-	-	45.4	-	-	35.5	-	-	29.8	125	
131	78.3	75.8	-	61.3	-	-	55.3	-	-	45.2	-	-	35.3	-	-	29.3	131	
138	77.8	73.4	-	60.8	61.5	-	55.1	-	-	45.2	-	-	35.1	-	-	28.9	138	
144	75.6	69.4	-	60.4	60.8	-	54.9	52.9	-	44.8	-	-	34.6	-	-	28.2	144	
151	71.7	65.7	-	60.0	60.4	-	54.5	52.5	-	44.3	-	-	34.2	-	-	27.8	151	
158	68.1	62.4	-	59.5	60.0	-	54.2	52.2	-	43.9	44.1	-	33.7	-	-	27.3	158	
164	64.6	59.3	55.1	59.1	57.5	-	54.0	51.8	-	43.4	43.9	-	33.1	34.4	-	26.9	164	
177	58.2	53.6	49.8	56.9	52.0	48.1	53.4	50.0	-	42.8	43.2	-	32.2	33.5	-	26.0	177	
190	52.9	48.5	45.2	51.6	47.0	43.4	50.0	45.4	41.7	41.7	42.8	-	31.1	32.6	-	24.9	190	
203	38.4	44.3	41.2	47.0	42.8	39.5	45.6	41.2	37.7	40.1	41.0	37.3	30.2	31.5	-	24.0	203	
217	-	40.8	37.7	37.3	39.0	35.9	41.7	37.5	34.2	38.6	37.3	33.7	29.1	30.6	31.7	23.1	217	
230	-	-	34.8	-	35.9	33.1	35.9	34.4	31.1	37.0	34.0	30.9	28.2	29.5	30.4	22.5	230	
243	-	-	-	-	-	30.2	-	31.5	28.4	33.7	31.1	28.0	27.1	28.7	27.6	21.8	243	
256	-	-	-	-	-	-	-	28.9	25.8	25.8	28.4	25.4	26.5	27.6	25.1	20.9	256	
269	-	-	-	-	-	-	-	-	23.8	-	26.0	23.1	25.4	25.8	22.9	20.3	269	
282	-	-	-	-	-	-	-	-	-	-	-	21.2	-	23.6	20.7	19.8	282	
295	-	-	-	-	-	-	-	-	-	-	-	-	-	21.8	19.0	17.6	295	
308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.4	-	308	
322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.0	322	
335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	335	

Remarks

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

**ALL TERRAIN CRANE**
AC 500-2**LIFTING CAPACITIES LUFFING FLY JIB, MAIN BOOM 83° TO 65°**

360°85 %																					
93.8 ft + 13.1 ftMain boom + adapter																					
Fly jib																					
		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft				
Radius		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	Radius	
ft		1,000 lb																		ft	
53	188.7	-	-	-	166.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	
59	178.1	-	-	-	160.1	-	-	139.3	-	-	-	-	-	-	-	-	-	-	-	59	
66	168.4	-	-	-	154.1	-	-	137.1	-	-	115.5	-	-	98.3	-	-	-	-	-	66	
72	159.0	-	-	-	147.7	-	-	134.7	-	-	114.9	-	-	98.1	-	-	86.6	-	-	72	
79	151.2	-	-	-	141.3	-	-	131.8	-	-	114.2	-	-	97.9	-	-	86.0	-	-	79	
85	142.0	124.3	-	-	134.9	-	-	127.0	-	-	113.3	-	-	97.7	-	-	85.5	-	-	85	
92	-	116.0	-	-	130.1	114.0	-	122.4	-	-	110.2	-	-	97.4	-	-	84.9	-	-	92	
98	-	109.3	-	-	121.0	106.9	-	117.7	101.9	-	106.9	-	-	96.3	-	-	84.2	-	-	98	
105	-	105.2	95.5	-	112.9	101.4	-	111.1	96.6	-	103.8	93.7	-	94.8	-	-	83.8	-	-	105	
112	-	-	89.7	-	-	95.9	88.6	103.8	91.5	-	100.5	89.3	-	93.0	-	-	83.1	-	-	112	
118	-	-	85.5	-	-	91.5	83.8	97.4	87.5	-	95.7	84.9	-	91.5	84.7	-	82.7	-	-	118	
125	-	-	-	-	-	86.2	78.9	87.7	83.8	75.4	89.9	80.5	-	89.7	81.1	-	82.0	76.9	-	125	
131	-	-	-	-	-	-	75.6	-	79.4	71.9	84.9	77.2	-	86.2	77.4	-	81.4	73.9	-	131	
138	-	-	-	-	-	-	72.1	-	75.2	68.3	80.2	73.2	67.0	81.4	73.9	-	79.8	71.0	-	138	
144	-	-	-	-	-	-	-	-	71.2	65.7	70.1	69.2	63.9	77.2	70.3	-	75.6	67.9	-	144	
151	-	-	-	-	-	-	-	-	-	62.8	-	65.7	60.6	73.0	66.8	61.9	71.7	64.8	-	151	
158	-	-	-	-	-	-	-	-	-	59.5	-	62.2	57.8	69.2	63.3	58.9	67.9	61.7	-	158	
164	-	-	-	-	-	-	-	-	-	-	-	59.1	54.7	59.3	60.0	55.8	64.4	58.6	54.0	164	
177	-	-	-	-	-	-	-	-	-	-	-	-	49.4	-	54.2	50.3	58.2	52.9	48.7	177	
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.6	-	48.1	44.3	190	
203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.9	40.3	203	
217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.0	217	
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	230	

		196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft				
ft		1,000 lb																		ft	
79	75.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79	
85	74.7	-	-	-	58.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	
92	74.3	-	-	-	58.4	-	-	51.6	-	-	-	-	-	-	-	-	-	-	-	92	
98	73.9	-	-	-	58.2	-	-	51.4	-	-	41.7	-	-	-	-	-	-	-	-	98	
105	73.2	-	-	-	58.0	-	-	51.1	-	-	41.7	-	-	34.2	-	-	28.0	-	-	105	
112	72.8	-	-	-	57.8	-	-	50.9	-	-	41.4	-	-	34.0	-	-	27.8	-	-	112	
118	72.1	-	-	-	57.5	-	-	50.7	-	-	41.4	-	-	33.7	-	-	27.6	-	-	118	
125	71.7	-	-	-	57.1	-	-	50.5	-	-	41.4	-	-	33.3	-	-	27.3	-	-	125	
131	71.0	-	-	-	56.9	-	-	50.0	-	-	41.2	-	-	33.1	-	-	27.1	-	-	131	
138	70.5	66.6	-	-	56.7	-	-	49.8	-	-	41.2	-	-	32.8	-	-	26.9	-	-	138	
144	69.9	64.4	-	-	56.4	54.0	-	49.6	-	-	41.0	-	-	32.6	-	-	26.7	-	-	144	
151	69.2	62.4	-	-	56.2	53.1	-	49.4	49.2	-	40.8	-	-	32.2	-	-	26.5	-	-	151	
158	67.5	60.2	-	-	56.0	52.2	-	49.2	48.3	-	40.6	-	-	32.0	-	-	26.2	-	-	158	
164	63.9	58.0	-	-	55.8	51.1	-	48.9	47.4	-	40.3	40.6	-	31.7	-	-	25.8	-	-	164	
177	57.8	52.2	48.1	-	55.3	49.4	-	48.3	45.4	-	39.7	40.1	-	31.1	32.0	-	25.1	-	-	177	
190	52.5	47.4	43.7	-	50.9	45.9	41.9	48.1	43.7	-	39.2	39.5	-	30.6	31.5	-	24.5	25.6	-	190	
203	41.7	43.2	39.7	-	46.5	41.7	37.9	45.2	40.1	35.9	38.4	39.0	-	30.0	31.1	-	23.8	24.7	-	203	
217	-	39.7	36.4	-	40.8	38.1	34.6	41.2	36.6	32.6	37.5	36.2	32.2	29.1	30.4	-	23.1	23.8	-	217	
230	-	-	33.3	-	-	34.8	31.3	37.7	33.3	29.5	36.6	33.1	29.1	28.0	29.8	28.9	22.5	23.1	-	230	
243	-	-	-	-	-	32.2	28.7	27.6	30.4	26.9	34.4	30.0	26.5	27.1	28.7	26.0	21.8	22.5	23.8	243	
256	-	-	-	-	-	-	26.2	-	28.0	24.5	27.6	27.3	24.0	26.5	27.1	23.6	21.2	21.8	22.7	256	
269	-	-	-	-	-	-	-	-	22.3	-	-	25.1	21.8	25.8	24.9	21.4	20.5	21.4	20.5	269	
282	-	-	-	-	-	-	-	-	-	-	-	22.9	19.8	19.2	22.7	19.4	19.8	20.7	18.5	282	
295	-	-	-	-	-	-	-	-	-	-	-	-	18.1	-	20.7	17.6	19.2	20.1	16.8	295	
308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.1	-	18.3	15.2	308	
322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.8	13.9	322	
335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.6	335	

Remarks

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

**LIFTING CAPACITIES LUFFING FLY JIB, MAIN BOOM 83° TO 65°** 360° **85 %****108.9 ft + 13.1 ft Main boom + adapter**

Fly jib																			
78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft				
Radius	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	Radius
ft	1,000 lb																		ft
59	160.5	-	-	144.2	-	-	128.8	-	-	-	-	-	-	-	-	-	-	-	59
66	151.2	-	-	138.2	-	-	124.8	-	-	105.4	-	-	-	-	-	-	-	-	66
72	141.8	-	-	132.3	-	-	121.0	-	-	103.8	-	-	-	-	-	-	-	-	72
79	134.5	-	-	126.3	-	-	117.1	-	-	102.3	-	-	89.5	-	-	76.9	-	-	79
85	129.2	-	-	120.6	-	-	112.7	-	-	100.8	-	-	88.8	-	-	76.1	-	-	85
92	125.0	103.8	-	115.7	100.1	-	108.0	-	-	98.5	-	-	88.2	-	-	75.4	-	-	92
98	-	97.4	-	111.8	94.6	-	103.6	-	-	95.5	-	-	87.3	-	-	74.7	-	-	98
105	-	92.6	-	108.9	89.3	-	100.3	85.1	-	92.2	-	-	85.8	-	-	73.9	-	-	105
112	-	87.7	-	100.8	84.2	-	97.2	81.1	-	89.1	77.2	-	84.2	-	-	73.0	-	-	112
118	-	-	74.1	-	80.5	-	94.6	77.2	-	86.4	73.9	-	82.7	-	-	71.9	-	-	118
125	-	-	69.9	-	76.7	68.8	91.1	73.4	-	84.0	70.3	-	81.1	70.5	-	70.8	-	-	125
131	-	-	-	-	75.0	65.5	71.2	70.5	62.6	81.6	67.2	-	79.4	67.7	-	69.9	64.6	-	131
138	-	-	-	-	-	61.9	-	67.9	59.7	79.4	63.9	-	77.6	64.6	-	68.8	62.2	-	138
144	-	-	-	-	-	60.0	-	66.6	57.1	75.4	61.7	55.3	75.6	61.9	-	67.7	59.7	-	144
151	-	-	-	-	-	-	-	65.0	54.7	57.5	59.3	52.7	72.5	59.3	-	66.6	57.1	-	151
158	-	-	-	-	-	-	-	-	52.9	-	57.8	50.5	68.8	57.3	50.5	65.3	54.9	-	158
164	-	-	-	-	-	-	-	-	51.1	-	56.2	48.3	63.5	55.6	48.3	63.9	52.5	-	164
177	-	-	-	-	-	-	-	-	-	-	-	44.8	-	52.0	44.5	57.8	49.4	42.8	177
190	-	-	-	-	-	-	-	-	-	-	-	-	-	48.5	41.2	40.3	46.1	39.5	190
203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.7	-	43.0	36.6	203
217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34.8	217

196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft				
ft	1,000 lb																		ft
85	68.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	
92	67.7	-	-	53.8	-	-	45.6	-	-	-	-	-	-	-	-	-	-	92	
98	67.0	-	-	53.6	-	-	45.4	-	-	38.4	-	-	-	-	-	-	-	98	
105	66.4	-	-	53.4	-	-	45.2	-	-	38.1	-	-	31.1	-	-	-	-	105	
112	65.7	-	-	53.1	-	-	45.0	-	-	38.1	-	-	30.9	-	-	24.7	-	112	
118	65.0	-	-	52.9	-	-	45.0	-	-	37.9	-	-	30.9	-	-	24.5	-	118	
125	64.4	-	-	52.7	-	-	44.8	-	-	37.9	-	-	30.6	-	-	24.5	-	125	
131	63.9	-	-	52.2	-	-	44.5	-	-	37.7	-	-	30.6	-	-	24.3	-	131	
138	63.3	-	-	51.8	-	-	44.3	-	-	37.5	-	-	30.4	-	-	24.0	-	138	
144	62.6	57.5	-	51.6	-	-	44.3	-	-	37.5	-	-	30.4	-	-	24.0	-	144	
151	61.9	55.6	-	51.1	47.8	-	44.1	-	-	37.3	-	-	30.2	-	-	23.8	-	151	
158	61.1	53.4	-	50.7	46.7	-	44.1	42.5	-	37.3	-	-	30.0	-	-	23.6	-	158	
164	60.0	51.4	-	50.3	45.4	-	43.9	41.4	-	37.3	-	-	30.0	-	-	23.6	-	164	
177	57.3	47.4	-	49.6	43.0	-	43.7	39.5	-	37.0	34.6	-	29.8	29.5	-	23.1	-	177	
190	52.0	44.5	38.8	48.7	40.6	36.8	43.2	37.5	-	36.8	33.7	-	29.5	29.3	-	22.9	23.4	-	190
203	44.8	41.9	35.7	46.1	38.1	33.7	42.5	35.5	32.2	36.4	32.8	-	29.3	29.3	-	22.7	23.1	-	203
217	-	38.8	33.3	42.1	35.9	31.1	40.8	33.5	29.5	35.9	31.7	28.7	28.7	29.1	-	22.5	22.9	-	217
230	-	35.9	31.5	27.8	34.2	28.9	37.3	31.5	27.1	35.5	30.2	26.2	28.0	28.9	25.8	21.8	22.7	-	230
243	-	-	29.5	-	31.3	27.1	30.0	29.5	25.1	34.2	28.4	24.0	27.3	27.3	23.8	21.4	22.3	22.7	243
256	-	-	-	-	-	25.1	-	27.1	23.1	29.3	26.7	22.5	26.7	25.8	21.8	20.9	21.8	20.9	256
269	-	-	-	-	-	-	-	24.9	21.2	18.1	24.3	20.7	26.0	24.0	20.3	20.3	21.2	19.4	269
282	-	-	-	-	-	-	-	-	19.4	-	22.3	18.7	20.9	21.8	18.3	19.8	20.7	17.4	282
295	-	-	-	-	-	-	-	-	-	-	-	17.0	-	20.1	16.8	19.4	19.2	15.7	295
308	-	-	-	-	-	-	-	-	-	-	-	-	-	18.5	15.2	-	17.4	14.1	308
322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.7	-	16.1	12.8	322
335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5	335
348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	348

Remarks

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request



ALL TERRAIN CRANE

AC 500-2

LIFTING CAPACITIES LUFFING FLY JIB WITH SSL, MAIN BOOM 83°-65°

360°																	85 %
108.9 ft + 13.1 ft Main boom + adapter																	
Fly jib																	
98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft					
Radius	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	Radius	
ft																ft	
53	198.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	
59	195.6	-	-	170.0	-	-	-	-	-	-	-	-	-	-	-	59	
66	181.9	-	-	179.2	-	-	143.5	-	-	-	-	-	-	-	-	66	
72	164.5	-	-	162.7	-	-	161.2	-	-	136.2	-	-	-	-	-	72	
79	150.1	-	-	148.4	-	-	146.6	-	-	131.2	-	-	-	-	-	79	
85	137.8	-	-	136.0	-	-	134.5	-	-	126.1	-	-	-	118.2	-	85	
92	127.2	113.8	-	125.4	-	-	123.9	-	-	121.0	-	-	-	114.6	-	92	
98	118.2	105.6	-	116.4	-	-	114.6	-	-	116.0	-	-	-	112.7	-	98	
105	110.2	98.3	-	108.5	96.3	-	106.7	-	-	108.2	-	-	-	106.5	-	105	
112	99.4	91.9	-	101.4	89.9	-	99.6	88.0	-	101.2	-	-	-	99.4	-	112	
118	-	86.2	78.0	95.0	84.2	-	93.3	82.2	-	94.8	-	-	-	93.3	-	118	
125	-	81.1	73.4	89.5	79.1	-	87.7	77.2	-	89.1	78.5	-	-	87.5	-	125	
131	-	76.7	69.2	70.1	74.5	67.0	82.7	72.8	-	84.0	73.9	-	-	82.5	72.1	131	
138	-	-	65.5	-	70.3	63.3	78.0	68.6	-	79.4	69.7	-	-	77.8	67.9	138	
144	-	-	61.9	-	66.8	59.7	74.1	64.8	57.8	75.2	65.9	-	-	73.6	64.2	144	
151	-	-	-	-	63.5	56.7	56.4	61.3	54.7	71.4	62.6	-	-	69.9	60.8	151	
158	-	-	-	-	-	53.8	-	58.2	51.8	67.9	59.5	52.9	-	66.4	57.8	158	
164	-	-	-	-	-	51.4	-	55.3	49.2	62.8	56.4	50.3	-	63.3	54.9	164	
177	-	-	-	-	-	-	-	-	44.5	-	51.4	45.6	-	57.5	49.6	177	
190	-	-	-	-	-	-	-	-	-	-	47.2	41.7	-	39.7	45.4	190	
203	-	-	-	-	-	-	-	-	-	-	-	38.1	-	-	41.7	203	
217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.3	217	
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	230	

196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft		
ft																ft	
85	91.1	-	-	68.8	-	-	-	-	-	-	-	-	-	-	-	85	
92	89.1	-	-	73.9	-	-	56.7	-	-	-	-	-	-	-	-	92	
98	87.3	-	-	71.9	-	-	61.3	-	-	48.7	-	-	-	-	-	98	
105	85.5	-	-	69.9	-	-	60.4	-	-	48.1	-	-	39.2	-	-	105	
112	83.6	-	-	68.1	-	-	59.7	-	-	47.4	-	-	38.6	-	32.0	112	
118	81.8	-	-	66.1	-	-	58.9	-	-	46.5	-	-	38.1	-	31.3	118	
125	79.8	-	-	64.2	-	-	58.2	-	-	45.9	-	-	37.5	-	30.9	125	
131	78.0	-	-	62.6	-	-	57.3	-	-	45.2	-	-	37.0	-	30.2	131	
138	76.3	67.2	-	61.3	-	-	56.4	-	-	44.5	-	-	36.4	-	29.8	138	
144	73.0	63.5	-	60.0	-	-	55.3	-	-	43.9	-	-	35.9	-	29.3	144	
151	69.2	60.0	-	58.6	56.2	-	54.5	-	-	43.0	-	-	35.3	-	28.7	151	
158	65.7	56.9	-	57.1	55.1	-	53.4	45.0	-	42.1	-	-	34.6	-	28.2	158	
164	62.4	54.0	-	55.8	52.2	-	52.2	44.5	-	41.0	35.9	-	33.7	-	27.6	164	
177	56.7	48.9	43.0	54.0	47.0	-	50.0	43.7	-	39.2	35.5	-	32.0	31.7	26.5	177	
190	51.8	44.5	38.8	50.0	42.5	37.0	48.3	40.8	-	37.7	34.8	-	30.6	30.6	25.1	190	
203	44.1	40.8	35.5	45.9	38.8	33.5	44.1	36.8	31.5	37.0	34.4	-	29.3	29.5	23.8	203	
217	-	37.5	32.4	41.9	35.5	30.4	40.3	33.5	28.4	36.4	33.3	28.0	28.4	28.4	22.7	217	
230	-	34.6	29.8	27.1	32.6	27.8	37.0	30.6	25.8	35.7	30.2	25.4	27.6	27.6	24.9	230	
243	-	-	27.6	-	30.0	25.4	29.1	28.0	23.4	33.7	27.6	22.9	26.7	26.9	22.5	243	
256	-	-	-	-	-	23.4	-	25.8	21.4	29.3	25.1	20.7	26.0	24.9	20.5	256	
269	-	-	-	-	-	-	-	23.8	19.4	-	23.1	19.0	25.6	22.7	18.5	269	
282	-	-	-	-	-	-	-	-	17.6	-	21.2	17.2	20.9	20.9	16.8	282	
295	-	-	-	-	-	-	-	-	-	-	-	15.7	-	19.2	15.2	295	
308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.7	308	
322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.3	322	
335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	335	
348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	348	

Remarks

Counterweight 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

**TEREX | DEMAG****LIFTING CAPACITIES LUFFING FLY JIB, MAIN BOOM 83° TO 65°**

360°																				85 %	
124.3 ft + 13.1 ft Main boom + adapter																					
Fly jib																					
Radius		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			Radius	
ft		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	ft	
1,000 lb																					
59	140.7	-	-	-	125.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	
66	132.5	-	-	-	120.6	-	-	107.1	-	-	-	-	-	-	-	-	-	-	-	66	
72	125.0	-	-	-	115.3	-	-	103.8	-	-	89.9	-	-	77.6	-	-	-	-	-	72	
79	117.7	-	-	-	110.5	-	-	100.5	-	-	88.0	-	-	76.3	-	-	66.6	-	-	79	
85	112.9	-	-	-	105.6	-	-	97.0	-	-	85.8	-	-	75.0	-	-	65.9	-	-	85	
92	108.2	-	-	-	100.8	-	-	93.5	-	-	83.6	-	-	73.6	-	-	65.3	-	-	92	
98	-	86.6	-	-	97.4	84.9	-	89.9	-	-	81.1	-	-	72.3	-	-	64.4	-	-	98	
105	-	81.6	-	-	94.6	79.8	-	86.9	-	-	78.5	-	-	71.0	-	-	63.7	-	-	105	
112	-	76.5	-	-	91.5	75.0	-	84.0	-	-	76.1	-	-	69.7	-	-	62.8	-	-	112	
118	-	73.4	-	-	-	71.0	-	81.6	67.7	-	73.9	65.5	-	68.1	-	-	61.7	-	-	118	
125	-	-	-	-	-	67.2	-	79.1	63.9	-	71.7	62.4	-	66.8	-	-	60.8	-	-	125	
131	-	-	-	61.7	-	64.8	57.3	77.4	61.3	-	69.7	59.3	-	65.5	60.0	-	59.7	-	-	131	
138	-	-	-	-	-	62.2	54.0	-	58.4	-	67.7	56.2	-	64.2	57.3	-	58.6	55.1	-	138	
144	-	-	-	-	-	-	51.6	-	56.2	48.3	66.1	53.8	-	63.1	54.7	-	57.8	52.7	-	144	
151	-	-	-	-	-	-	48.9	-	54.2	45.6	64.8	51.4	44.8	61.9	52.0	-	56.7	50.5	-	151	
158	-	-	-	-	-	-	-	-	53.4	43.7	-	49.2	42.3	61.1	50.0	-	55.6	48.3	-	158	
164	-	-	-	-	-	-	-	-	-	41.9	-	47.2	40.1	60.2	48.1	41.9	54.7	45.9	-	164	
177	-	-	-	-	-	-	-	-	-	-	-	45.4	36.8	-	44.5	37.9	52.7	42.5	36.8	177	
190	-	-	-	-	-	-	-	-	-	-	-	-	34.4	-	42.5	35.1	45.4	39.2	33.3	190	
203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.6	-	37.0	30.6	203	
217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.9	28.4	217	
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.9	230	
243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	243	

ft		196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			ft
85	59.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	
92	58.6	-	-	-	46.1	-	-	-	-	-	-	-	-	-	-	-	-	-	92	
98	57.8	-	-	-	45.9	-	-	40.8	-	-	-	-	-	-	-	-	-	-	98	
105	57.1	-	-	-	45.6	-	-	40.3	-	-	33.1	-	-	-	-	-	-	-	105	
112	56.2	-	-	-	45.2	-	-	40.1	-	-	33.1	-	-	26.9	-	-	21.8	-	112	
118	55.6	-	-	-	45.0	-	-	39.9	-	-	33.1	-	-	26.9	-	-	21.8	-	118	
125	54.7	-	-	-	44.5	-	-	39.7	-	-	32.8	-	-	26.9	-	-	21.6	-	125	
131	54.0	-	-	-	44.3	-	-	39.2	-	-	32.8	-	-	26.7	-	-	21.4	-	131	
138	53.1	-	-	-	44.1	-	-	39.0	-	-	32.8	-	-	26.7	-	-	21.4	-	138	
144	52.5	-	-	-	43.7	-	-	38.8	-	-	32.6	-	-	26.7	-	-	21.2	-	144	
151	51.6	47.8	-	-	43.4	-	-	38.6	-	-	32.6	-	-	26.5	-	-	21.2	-	151	
158	50.9	46.1	-	-	43.2	40.8	-	38.1	-	-	32.6	-	-	26.5	-	-	20.9	-	158	
164	50.0	44.3	-	-	42.8	39.5	-	37.9	34.8	-	32.4	-	-	26.5	-	-	20.9	-	164	
177	48.7	40.6	-	-	42.1	37.3	-	37.5	33.3	-	32.4	30.2	-	26.2	-	-	20.7	-	177	
190	47.2	37.7	33.5	-	41.7	35.1	-	36.8	31.7	-	32.2	29.1	-	26.0	24.7	-	20.3	-	190	
203	46.3	35.1	30.2	-	41.0	32.6	28.7	36.4	30.4	-	32.0	28.0	-	25.8	24.5	-	20.1	19.4	203	
217	-	32.6	27.8	-	40.3	30.4	25.8	35.7	28.4	24.7	32.0	26.9	-	25.8	24.3	-	19.8	19.2	217	
230	-	31.7	25.6	-	31.7	28.0	23.6	35.3	26.5	22.3	31.7	25.4	21.8	25.6	24.0	-	19.6	18.7	230	
243	-	-	24.3	-	-	27.1	21.6	32.0	24.3	20.1	31.7	23.6	19.6	25.4	22.9	19.6	19.4	18.5	243	
256	-	-	-	-	-	26.2	20.3	-	23.1	18.3	30.9	21.8	17.6	25.1	21.4	17.6	19.2	17.9	14.6	256
269	-	-	-	-	-	-	19.4	-	22.5	17.0	20.9	20.5	16.1	25.1	19.8	15.7	19.0	17.0	13.4	269
282	-	-	-	-	-	-	-	-	-	16.1	-	19.8	14.6	22.7	18.3	14.3	18.7	16.1	12.3	282
295	-	-	-	-	-	-	-	-	-	-	-	19.2	13.9	-	17.6	13.0	18.5	15.2	11.2	295
308	-	-	-	-	-	-	-	-	-	-	-	-	13.0	-	17.2	12.1	14.1	14.8	10.4	308
322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5	-	14.6	9.7	322
335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.4	9.3	335
348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8	348

Remarks

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

**ALL TERRAIN CRANE**
AC 500-2**LIFTING CAPACITIES LUFFING FLY JIB WITH SSL, MAIN BOOM 83°-65°**

124.3 ft + 13.1 ft Main boom + adapter																		
Fly jib																		
98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft						
Radius	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	Radius		
ft	1,000 lb															ft		
59	181.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59		
66	170.6	-	-	166.9	-	-	-	-	-	-	-	-	-	-	-	66		
72	160.5	-	-	157.2	-	-	150.4	-	-	-	-	-	-	-	-	72		
79	148.8	-	-	147.0	-	-	142.4	-	-	130.5	-	-	95.9	-	-	79		
85	136.7	-	-	134.9	-	-	133.4	-	-	125.9	-	-	108.2	-	-	85		
92	126.1	-	-	124.6	-	-	122.8	-	-	121.3	-	-	106.7	-	-	92		
98	117.1	103.4	-	115.3	-	-	113.8	-	-	115.3	-	-	104.9	-	-	98		
105	109.1	96.1	-	107.4	-	-	105.8	-	-	107.4	-	-	103.4	-	-	105		
112	102.3	89.9	-	100.3	88.0	-	98.8	-	-	100.3	-	-	98.5	-	-	112		
118	-	84.2	-	94.1	82.2	-	92.4	80.5	-	93.9	-	-	92.4	-	-	118		
125	-	79.4	-	88.6	77.4	-	86.9	75.4	-	88.4	-	-	86.6	-	-	125		
131	-	74.7	66.8	79.4	72.8	-	81.8	71.0	-	83.3	72.1	-	81.6	-	-	131		
138	-	71.0	63.1	-	68.8	60.8	77.4	66.8	-	78.7	68.1	-	77.2	66.4	-	138		
144	-	-	59.7	-	65.0	57.5	73.2	63.1	-	74.5	64.4	-	73.0	62.6	-	144		
151	-	-	56.7	-	61.7	54.5	64.4	59.7	52.5	70.8	61.1	-	69.2	59.3	-	151		
158	-	-	-	-	58.9	51.8	-	56.7	49.8	67.2	58.0	-	65.7	56.2	-	158		
164	-	-	-	-	-	49.2	-	54.0	47.2	64.2	55.1	48.3	62.6	53.4	-	164		
177	-	-	-	-	-	-	-	49.2	42.8	-	50.0	43.7	56.9	48.3	41.9	177		
190	-	-	-	-	-	-	-	-	38.8	-	45.9	39.9	44.8	44.1	37.9	190		
203	-	-	-	-	-	-	-	-	-	-	-	36.6	-	40.3	34.6	203		
217	-	-	-	-	-	-	-	-	-	-	-	-	-	37.3	31.7	217		
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.1	230		
243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	243		
196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			
ft	1,000 lb															ft		
85	85.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85		
92	84.2	-	-	70.3	-	-	-	-	-	-	-	-	-	-	-	92		
98	82.7	-	-	69.0	-	-	57.5	-	-	-	-	-	-	-	-	98		
105	81.4	-	-	67.5	-	-	57.3	-	-	46.5	-	-	34.6	-	-	105		
112	79.8	-	-	66.1	-	-	56.9	-	-	45.9	-	-	37.0	-	-	112		
118	78.5	-	-	64.8	-	-	56.7	-	-	45.4	-	-	36.6	-	-	118		
125	76.9	-	-	63.3	-	-	56.2	-	-	45.0	-	-	36.4	-	-	125		
131	75.6	-	-	61.9	-	-	55.8	-	-	44.3	-	-	35.9	-	-	131		
138	74.1	-	-	60.6	-	-	55.6	-	-	43.9	-	-	35.5	-	-	138		
144	72.3	61.7	-	59.3	-	-	54.7	-	-	43.2	-	-	35.1	-	-	144		
151	68.3	58.4	-	58.0	-	-	53.6	-	-	42.5	-	-	34.8	-	-	151		
158	65.0	55.3	-	56.9	49.8	-	52.7	-	-	41.7	-	-	34.2	-	-	158		
164	61.7	52.5	-	55.6	49.2	-	51.6	40.1	-	40.8	-	-	33.5	-	-	164		
177	56.2	47.4	-	53.6	45.6	-	49.6	39.5	-	39.0	33.1	-	32.0	-	-	177		
190	51.4	43.2	37.0	49.4	41.2	-	47.6	38.8	-	37.3	32.8	-	30.4	28.2	-	190		
203	47.2	39.5	33.7	45.2	37.5	31.7	43.4	35.7	-	35.9	32.6	-	28.9	27.6	-	203		
217	-	36.2	30.9	41.4	34.4	28.9	39.7	32.4	26.7	34.8	32.0	-	27.8	26.9	-	217		
230	-	33.5	28.2	30.9	31.3	26.2	36.4	29.5	24.3	33.7	29.1	23.8	26.7	26.2	-	230		
243	-	-	25.8	-	28.9	23.8	32.0	26.9	21.8	33.1	26.5	21.4	25.8	25.6	20.9	243		
256	-	-	-	-	26.7	21.8	-	24.7	19.8	30.6	24.3	19.4	25.1	23.8	19.0	256		
269	-	-	-	-	20.1	-	-	22.7	17.9	20.9	22.0	17.4	24.7	21.8	17.0	269		
282	-	-	-	-	-	-	-	16.3	-	-	20.3	15.9	22.7	19.8	15.4	282		
295	-	-	-	-	-	-	-	-	-	-	18.5	14.3	-	18.3	13.9	295		
308	-	-	-	-	-	-	-	-	-	-	12.8	-	16.8	12.3	14.1	308		
322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2	322		
335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.0	335	
348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	348	

Remarks

Counterweight 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

**TEREX | DEMAG****LIFTING CAPACITIES LUFFING FLY JIB, MAIN BOOM 83° TO 65°**

360°																					85 %
139.4 ft + 13.1 ft Main boom + adapter																					
Fly jib																					
78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft						
Radius	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	Radius		
ft	1,000 lb																		ft		
59	-	-	-	101.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59		
66	109.1	-	-	97.2	-	-	88.0	-	-	-	-	-	-	-	-	-	-	-	66		
72	103.2	-	-	93.5	-	-	84.7	-	-	73.9	-	-	-	-	-	-	-	-	72		
79	97.7	-	-	89.5	-	-	81.6	-	-	71.7	-	-	64.2	-	-	-	-	-	79		
85	92.8	-	-	85.8	-	-	78.3	-	-	69.4	-	-	62.8	-	-	55.6	-	-	85		
92	88.8	-	-	82.0	-	-	75.8	-	-	67.0	-	-	61.3	-	-	54.2	-	-	92		
98	-	-	-	78.9	-	-	73.2	-	-	65.0	-	-	60.0	-	-	53.1	-	-	98		
105	-	67.5	-	76.5	65.7	-	71.0	-	-	63.3	-	-	58.6	-	-	52.0	-	-	105		
112	-	63.1	-	73.9	61.7	-	68.6	-	-	61.3	-	-	57.3	-	-	50.9	-	-	112		
118	-	60.2	-	-	58.4	-	66.8	55.6	-	59.7	-	-	56.2	-	-	49.8	-	-	118		
125	-	-	-	-	54.9	-	64.8	52.7	-	58.0	49.4	-	54.9	-	-	48.7	-	-	125		
131	-	-	-	-	52.2	-	63.5	50.0	-	56.7	47.0	-	53.8	-	-	47.8	-	-	131		
138	-	-	-	-	49.8	44.3	-	47.4	-	55.3	44.5	-	52.7	45.6	-	46.7	-	-	138		
144	-	-	-	-	-	41.9	-	45.4	-	54.2	42.3	-	51.8	43.4	-	45.9	41.7	-	144		
151	-	-	-	-	-	39.7	-	43.7	37.7	53.4	40.1	-	50.9	41.4	-	45.0	39.7	-	151		
158	-	-	-	-	-	38.1	-	42.8	35.9	-	38.6	-	50.0	39.5	-	44.3	37.9	-	158		
164	-	-	-	-	-	-	-	-	34.2	-	37.0	32.4	49.2	37.7	-	43.7	35.9	-	164		
177	-	-	-	-	-	-	-	-	31.5	-	34.8	29.3	-	35.1	30.6	42.3	32.6	-	177		
190	-	-	-	-	-	-	-	-	-	-	-	26.9	-	32.8	27.8	41.7	30.4	26.5	190		
203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.8	-	28.0	23.8	203		
217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.3	-	27.3	21.8	217		
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.5	230		
243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	243		
196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft						
ft	1,000 lb																		ft		
92	48.3	-	-	39.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92		
98	47.6	-	-	39.5	-	-	33.1	-	-	-	-	-	-	-	-	-	-	-	98		
105	46.7	-	-	38.8	-	-	32.6	-	-	28.4	-	-	-	-	-	-	-	-	105		
112	46.1	-	-	38.4	-	-	32.4	-	-	28.2	-	-	22.5	-	-	-	-	-	112		
118	45.2	-	-	37.9	-	-	32.2	-	-	28.0	-	-	22.3	-	-	17.4	-	-	118		
125	44.5	-	-	37.3	-	-	31.7	-	-	27.8	-	-	22.3	-	-	17.4	-	-	125		
131	43.7	-	-	36.8	-	-	31.5	-	-	27.6	-	-	22.3	-	-	17.4	-	-	131		
138	43.0	-	-	36.4	-	-	31.3	-	-	27.3	-	-	22.0	-	-	17.4	-	-	138		
144	42.3	-	-	35.9	-	-	30.9	-	-	27.1	-	-	22.0	-	-	17.2	-	-	144		
151	41.4	-	-	35.5	-	-	30.6	-	-	26.9	-	-	22.0	-	-	17.2	-	-	151		
158	40.8	37.3	-	35.3	-	-	30.2	-	-	26.7	-	-	21.8	-	-	17.2	-	-	158		
164	40.1	35.5	-	34.8	33.1	-	30.0	-	-	26.5	-	-	21.8	-	-	17.2	-	-	164		
177	39.0	32.2	-	34.0	30.2	-	29.3	26.9	-	26.0	-	-	21.6	-	-	17.0	-	-	177		
190	37.9	29.3	-	33.3	27.3	-	28.7	24.7	-	25.6	22.9	-	21.6	19.4	-	17.0	-	-	190		
203	37.3	27.1	23.6	32.6	24.7	-	28.4	22.7	-	25.1	21.4	-	21.4	18.5	-	16.8	14.8	-	203		
217	-	25.1	21.2	32.2	22.9	19.4	28.0	20.7	-	24.9	19.6	-	21.2	17.6	-	16.8	14.3	-	217		
230	-	24.0	19.4	31.7	21.2	17.2	27.8	19.2	15.9	24.5	18.1	-	21.2	17.0	-	16.8	14.1	-	230		
243	-	-	18.1	-	19.8	15.9	27.3	17.6	13.9	24.0	16.8	13.4	20.9	15.9	-	16.5	13.7	-	243		
256	-	-	17.2	-	19.4	14.3	-	16.3	12.6	23.8	15.2	11.7	20.7	14.8	11.7	16.5	13.0	-	256		
269	-	-	-	-	-	13.7	-	15.9	11.2	23.1	13.9	10.6	20.7	13.4	10.1	16.3	12.1	-	269		
282	-	-	-	-	-	-	-	-	10.4	-	13.4	9.3	20.5	12.3	9.0	16.3	11.0	-	282		
295	-	-	-	-	-	-	-	-	9.9	-	13.0	8.4	-	11.7	7.9	16.1	10.1	-	295		
308	-	-	-	-	-	-	-	-	-	-	-	7.9	-	11.2	7.1	15.9	9.3	-	308		
322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	-	9.0	-	322		
335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	-	8.8	-	335		

Remarks

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

**ALL TERRAIN CRANE**
AC 500-2**LIFTING CAPACITIES LUFFING FLY JIB WITH SSL, MAIN BOOM 83°-65°**

360°																	85 %
139.4 ft + 13.1 ft Main boom + adapter																	
Fly jib																	
Radius	98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			Radius	
ft	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	ft	
1,000 lb																	
59	153.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	
66	164.2	-	-	131.4	-	-	-	-	-	-	-	-	-	-	-	66	
72	154.3	-	-	147.5	-	-	111.3	-	-	-	-	-	-	-	-	72	
79	144.2	-	-	138.9	-	-	130.5	-	-	97.0	-	-	-	-	-	79	
85	135.6	-	-	130.3	-	-	124.3	-	-	117.3	-	-	98.3	-	-	85	
92	125.2	-	-	122.8	-	-	117.9	-	-	112.7	-	-	96.3	-	-	92	
98	116.2	-	-	114.4	-	-	111.8	-	-	108.0	-	-	94.4	-	-	98	
105	108.2	94.1	-	106.5	-	-	104.9	-	-	103.4	-	-	92.4	-	-	105	
112	101.2	88.0	-	99.4	-	-	97.9	-	-	99.0	-	-	90.4	-	-	112	
118	-	82.5	-	93.3	80.5	-	91.7	-	-	93.0	-	-	88.0	-	-	118	
125	-	77.6	-	87.7	75.6	-	86.0	73.6	-	87.5	-	-	85.5	-	-	125	
131	-	73.2	-	82.9	71.0	-	81.1	69.2	-	82.5	70.5	-	80.9	-	-	131	
138	-	69.2	60.8	-	67.0	-	76.5	65.3	-	78.0	66.6	-	76.3	-	-	138	
144	-	-	57.5	-	63.5	-	72.5	61.5	-	73.9	62.8	-	72.3	61.1	-	144	
151	-	-	54.7	-	60.2	52.5	68.8	58.2	-	70.1	59.5	-	68.6	57.8	-	151	
158	-	-	52.0	-	57.3	49.8	-	55.3	47.6	66.6	56.4	-	65.0	54.7	-	158	
164	-	-	-	-	-	47.2	-	52.5	45.2	63.5	53.8	-	61.9	51.8	-	164	
177	-	-	-	-	-	43.0	-	47.6	40.8	-	48.7	41.9	56.2	47.0	-	177	
190	-	-	-	-	-	-	-	-	37.0	-	44.5	38.1	48.5	42.8	36.2	190	
203	-	-	-	-	-	-	-	-	-	-	-	34.8	-	39.0	32.8	203	
217	-	-	-	-	-	-	-	-	-	-	-	32.0	-	35.9	30.0	217	
230	-	-	-	-	-	-	-	-	-	-	-	-	-	27.6	-	230	
243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	243	
1,000 lb																	
ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			ft	
92	80.0	-	-	54.9	-	-	-	-	-	-	-	-	-	-	-	92	
98	78.7	-	-	63.9	-	-	46.5	-	-	-	-	-	-	-	-	98	
105	77.4	-	-	63.1	-	-	55.8	-	-	38.4	-	-	-	-	-	105	
112	76.1	-	-	61.9	-	-	55.3	-	-	43.7	-	-	35.5	-	-	112	
118	74.5	-	-	61.1	-	-	54.9	-	-	43.4	-	-	35.3	-	-	118	
125	73.2	-	-	60.2	-	-	54.5	-	-	43.0	-	-	34.8	-	-	125	
131	71.9	-	-	59.1	-	-	54.2	-	-	42.8	-	-	34.6	-	-	131	
138	70.3	-	-	58.2	-	-	53.8	-	-	42.3	-	-	34.4	-	-	138	
144	69.0	-	-	57.3	-	-	53.1	-	-	42.1	-	-	34.2	-	-	144	
151	67.7	54.7	-	56.4	-	-	52.5	-	-	41.7	-	-	34.0	-	-	151	
158	64.4	53.6	-	55.3	43.2	-	51.6	-	-	41.0	-	-	33.5	-	-	158	
164	61.1	51.1	-	54.5	42.8	-	50.7	-	-	40.3	-	-	33.1	-	-	164	
177	55.6	46.1	-	52.7	41.4	-	48.9	35.5	38.6	30.6	-	-	31.7	-	-	177	
190	50.7	41.9	-	48.9	40.1	-	47.2	34.8	37.0	30.2	-	-	30.2	23.8	-	190	
203	46.5	38.4	32.0	44.8	36.4	-	43.0	34.2	35.5	30.0	-	-	28.9	23.6	-	203	
217	-	35.1	29.1	41.0	33.1	27.1	39.2	31.3	25.1	34.6	29.5	-	27.6	23.6	-	217	
230	-	32.4	26.7	34.6	30.4	24.7	35.9	28.4	22.7	33.5	28.0	22.3	26.7	23.4	-	230	
243	-	-	24.5	-	27.8	22.5	33.1	25.8	20.3	32.4	25.6	20.1	25.6	23.1	18.5	243	
256	-	-	22.5	-	25.6	20.3	-	23.6	18.3	30.2	23.1	17.9	24.7	22.9	17.4	256	
269	-	-	-	-	-	18.5	-	21.6	16.5	23.1	21.2	16.1	24.0	20.7	15.7	269	
282	-	-	-	-	-	-	-	-	15.0	-	19.4	14.6	23.4	19.0	14.1	282	
295	-	-	-	-	-	-	-	-	13.7	-	17.6	13.0	-	17.2	12.6	295	
308	-	-	-	-	-	-	-	-	-	-	-	11.7	-	15.9	11.2	308	
322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.9	322	
335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8	335	
348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	348	
361	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	361	

Remarks

Counterweight 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

**TEREX | DEMAG****LIFTING CAPACITIES LUFFING FLY JIB, MAIN BOOM 83° TO 65°**

360°85%																					
154.9 ft + 13.1 ft Main boom + adapter																					
Fly jib																					
		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft				
Radius		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	Radius	
ft		1,000 lb																			ft
66		88.6	-	-	78.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	
72		84.2	-	-	75.4	-	-	68.8	-	-	-	-	-	-	-	-	-	-	-	72	
79		80.7	-	-	72.5	-	-	66.6	-	-	57.1	-	-	52.2	-	-	-	-	-	79	
85		77.4	-	-	70.1	-	-	64.4	-	-	55.3	-	-	51.1	-	-	45.6	-	-	85	
92		74.7	-	-	67.7	-	-	62.4	-	-	53.6	-	-	50.0	-	-	44.8	-	-	92	
98		71.9	-	-	65.5	-	-	60.4	-	-	52.0	-	-	48.9	-	-	43.9	-	-	98	
105		-	-	-	63.5	-	-	58.4	-	-	50.7	-	-	47.8	-	-	42.8	-	-	105	
112		-	53.1	-	61.7	50.0	-	56.4	-	-	49.4	-	-	46.7	-	-	41.9	-	-	112	
118		-	50.3	-	60.6	47.2	-	55.1	-	-	48.1	-	-	45.6	-	-	41.0	-	-	118	
125		-	47.4	-	-	44.3	-	53.6	42.1	-	46.7	-	-	44.8	-	-	40.1	-	-	125	
131		-	-	-	-	42.3	-	52.2	39.9	-	45.6	38.1	-	43.7	-	-	39.2	-	-	131	
138		-	-	-	-	40.3	-	51.1	37.7	-	44.8	36.2	-	42.8	-	-	38.6	-	-	138	
144		-	-	-	-	39.0	34.0	-	36.2	-	43.7	34.2	-	41.9	35.3	-	37.7	-	-	144	
151		-	-	-	-	-	32.2	-	34.6	-	42.8	32.2	-	41.2	33.5	-	36.8	31.7	-	151	
158		-	-	-	-	-	30.4	-	33.5	28.2	42.3	30.9	-	40.3	32.0	-	36.2	30.2	-	158	
164		-	-	-	-	-	28.9	-	32.2	26.9	-	29.5	-	39.7	30.2	-	35.7	28.7	-	164	
177		-	-	-	-	-	-	-	-	24.5	-	27.1	22.5	38.8	28.0	-	34.4	25.8	-	177	
190		-	-	-	-	-	-	-	-	-	-	-	20.3	-	25.8	21.4	33.7	23.6	-	190	
203		-	-	-	-	-	-	-	-	-	-	-	18.7	-	24.7	19.6	-	21.8	17.6	203	
217		-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.1	-	20.5	16.1	217	
230		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.6	230	
243		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.7	243	
256		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	256	

		196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft				
Radius		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	Radius	
ft		1,000 lb																			ft
92		39.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92	
98		38.8	-	-	31.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98	
105		38.1	-	-	31.1	-	-	26.2	-	-	-	-	-	-	-	-	-	-	-	105	
112		37.5	-	-	30.4	-	-	25.8	-	-	21.2	-	-	-	-	-	-	-	-	112	
118		36.8	-	-	30.0	-	-	25.6	-	-	20.9	-	-	18.1	-	-	13.9	-	-	118	
125		36.2	-	-	29.5	-	-	25.1	-	-	20.7	-	-	18.1	-	-	13.9	-	-	125	
131		35.5	-	-	29.1	-	-	24.9	-	-	20.5	-	-	17.9	-	-	13.7	-	-	131	
138		34.8	-	-	28.7	-	-	24.5	-	-	20.3	-	-	17.6	-	-	13.7	-	-	138	
144		34.2	-	-	28.2	-	-	24.3	-	-	20.1	-	-	17.4	-	-	13.7	-	-	144	
151		33.7	-	-	27.8	-	-	23.8	-	-	19.8	-	-	17.2	-	-	13.7	-	-	151	
158		33.1	29.3	-	27.6	-	-	23.6	-	-	19.6	-	-	17.2	-	-	13.7	-	-	158	
164		32.4	28.0	-	27.1	-	-	23.4	-	-	19.4	-	-	17.0	-	-	13.4	-	-	164	
177		31.3	25.4	-	26.2	23.1	-	22.7	20.5	-	19.2	-	-	16.8	-	-	13.4	-	-	177	
190		30.2	22.7	-	25.6	20.7	-	22.3	18.5	-	18.7	17.0	-	16.5	-	-	13.4	-	-	190	
203		29.5	20.9	17.2	24.9	18.5	-	21.8	16.8	-	18.3	15.4	-	16.3	12.6	-	13.2	-	-	203	
217		29.3	19.2	15.4	24.3	17.0	13.4	21.4	14.8	-	18.1	13.9	-	16.1	11.9	-	13.2	-	-	217	
230		-	17.9	13.9	24.0	15.4	11.7	20.9	13.4	10.1	17.9	12.3	-	15.9	11.2	-	13.2	-	-	230	
243		-	17.4	12.6	-	14.1	10.4	20.5	12.3	8.6	17.6	11.2	-	15.7	10.6	-	13.2	-	-	243	
256		-	-	11.7	-	13.7	9.3	20.1	11.0	7.3	17.4	10.1	-	15.4	9.5	-	13.0	-	-	256	
269		-	-	-	-	-	8.4	-	10.4	6.4	17.4	9.0	-	15.2	8.6	-	13.0	-	-	269	
282		-	-	-	-	-	7.7	-	9.9	5.5	-	8.4	-	15.2	7.5	-	13.0	-	-	282	
295		-	-	-	-	-	-	-	4.9	-	7.9	-	-	14.3	6.8	-	12.8	-	-	295	
308		-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	-	12.8	-	-	308	
322		-	-	-	-	-	-	-	-	-	-	-	-	-	6.2	-	-	-	-	322	
335		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	335	

Remarks

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request



ALL TERRAIN CRANE

AC 500-2

LIFTING CAPACITIES LUFFING FLY JIB WITH SSL, MAIN BOOM 83°-65°

360°																	85 %	
154.9 ft + 13.1 ft Main boom + adapter																		
Fly jib																		
98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			Radius ft			
83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°				
ft	1,000 lb															ft		
66	138.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66		
72	127.9	-	-	121.5	-	-	-	-	-	-	-	-	-	-	-	72		
79	121.9	-	-	113.8	-	-	110.2	-	-	84.7	-	-	-	-	-	79		
85	117.9	-	-	106.0	-	-	103.6	-	-	101.2	-	-	71.9	-	-	85		
92	114.0	-	-	100.8	-	-	97.0	-	-	95.9	-	-	87.3	-	-	92		
98	109.8	-	-	97.7	-	-	90.4	-	-	90.6	-	-	83.8	-	-	98		
105	104.5	-	-	94.6	-	-	85.8	-	-	85.5	-	-	80.2	-	-	105		
112	99.4	86.2	-	91.7	-	-	81.4	-	-	80.5	-	-	76.9	-	-	112		
118	94.1	80.7	-	88.8	78.0	-	79.1	-	-	77.2	-	-	73.6	-	-	118		
125	-	75.8	-	86.0	73.9	-	76.9	-	-	73.6	-	-	70.3	-	-	125		
131	-	71.4	-	82.0	69.4	-	75.2	67.5	-	70.1	-	-	67.2	-	-	131		
138	-	67.7	-	66.8	65.5	-	73.4	63.7	-	67.7	63.5	-	64.4	-	-	138		
144	-	64.2	55.6	-	61.9	-	71.2	60.0	-	66.4	61.3	-	61.5	-	-	144		
151	-	-	52.7	-	58.6	-	68.1	56.9	-	65.0	58.2	-	58.4	53.1	-	151		
158	-	-	50.0	-	55.8	47.8	54.5	53.8	-	63.7	55.1	-	56.9	51.8	-	158		
164	-	-	47.6	-	53.1	45.4	-	51.1	-	62.4	52.5	-	55.3	50.5	-	164		
177	-	-	-	-	-	41.0	-	46.3	39.0	46.1	47.6	40.1	53.1	45.6	-	177		
190	-	-	-	-	-	-	-	-	35.3	-	43.4	36.4	50.9	41.4	34.4	190		
203	-	-	-	-	-	-	-	-	32.2	-	39.9	33.3	-	37.9	31.3	203		
217	-	-	-	-	-	-	-	-	-	-	-	30.4	-	34.8	28.4	217		
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.0	230		
243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.8	243		
256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	256		
196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			ft
1,000 lb															ft			
92	58.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92		
98	69.2	-	-	48.7	-	-	-	-	-	-	-	-	-	-	-	98		
105	67.5	-	-	59.1	-	-	48.3	-	-	-	-	-	-	-	-	105		
112	65.7	-	-	57.8	-	-	47.6	-	-	40.1	-	-	24.5	-	-	112		
118	63.9	-	-	56.4	-	-	47.2	-	-	39.9	-	-	31.7	-	-	118		
125	62.2	-	-	55.1	-	-	46.5	-	-	39.7	-	-	31.5	-	-	125		
131	60.6	-	-	53.8	-	-	46.1	-	-	39.5	-	-	31.5	-	-	131		
138	58.9	-	-	52.5	-	-	45.4	-	-	39.2	-	-	31.3	-	-	138		
144	57.1	-	-	51.1	-	-	44.8	-	-	39.0	-	-	31.1	-	-	144		
151	55.3	-	-	50.0	-	-	44.1	-	-	38.8	-	-	30.9	-	-	151		
158	53.8	45.0	-	48.7	-	-	43.2	-	-	38.4	-	-	30.6	-	-	158		
164	52.0	44.1	-	47.6	37.5	-	42.3	-	-	37.9	-	-	30.6	-	-	164		
177	49.4	42.5	-	45.2	36.6	-	40.6	31.1	-	36.8	-	-	29.8	-	-	177		
190	46.7	40.8	-	43.0	35.7	-	38.6	30.4	-	35.5	24.7	-	28.9	-	-	190		
203	44.5	37.0	30.4	40.8	34.8	-	36.8	29.5	-	34.4	24.3	-	28.0	19.4	-	203		
217	32.6	34.0	27.6	38.6	32.0	25.6	34.8	28.9	-	32.8	24.0	-	27.3	19.2	-	217		
230	-	31.3	25.1	36.2	29.3	23.1	33.1	27.3	21.2	31.3	23.6	-	26.2	19.2	-	230		
243	-	28.9	22.9	-	26.7	20.9	32.2	24.9	19.0	29.5	23.1	18.3	25.4	19.0	-	243		
256	-	-	20.9	-	24.7	19.0	20.9	22.7	17.0	28.7	22.3	16.5	24.5	18.7	13.9	256		
269	-	-	-	-	-	17.2	-	20.7	15.2	25.1	20.3	14.8	23.8	18.5	13.7	269		
282	-	-	-	-	-	15.7	-	19.0	13.7	-	18.5	13.2	23.4	18.1	12.8	282		
295	-	-	-	-	-	-	-	-	12.3	-	16.8	11.7	14.3	16.3	11.2	295		
308	-	-	-	-	-	-	-	-	-	-	-	10.4	-	15.0	9.9	308		
322	-	-	-	-	-	-	-	-	-	-	-	9.3	-	13.7	8.8	322		
335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	335		
348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	348	
361	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	361	

Remarks

Counterweight 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

**TEREX | DEMAG****LIFTING CAPACITIES LUFFING FLY JIB, MAIN BOOM 83° TO 65°** **360°** **85 %****169.9 ft + 13.1 ft Main boom + adapter**

Fly jib																			
78.7 ft				98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			Radius
Radius	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	Radius
ft	1,000 lb																		ft
66	71.0	-	-	62.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
72	67.7	-	-	60.0	-	-	53.6	-	-	-	-	-	-	-	-	-	-	-	72
79	65.0	-	-	57.5	-	-	52.0	-	-	45.0	-	-	-	-	-	-	-	-	79
85	62.4	-	-	55.8	-	-	50.5	-	-	43.9	-	-	41.0	-	-	-	-	-	85
92	60.4	-	-	54.2	-	-	48.9	-	-	42.5	-	-	39.9	-	-	35.1	-	-	92
98	58.9	-	-	52.5	-	-	47.6	-	-	41.4	-	-	39.0	-	-	34.4	-	-	98
105	-	-	-	51.4	-	-	46.3	-	-	40.3	-	-	37.9	-	-	33.5	-	-	105
112	-	-	-	50.3	-	-	45.0	-	-	39.2	-	-	37.0	-	-	32.8	-	-	112
118	-	41.2	-	49.4	39.2	-	43.9	-	-	38.4	-	-	36.2	-	-	32.2	-	-	118
125	-	38.8	-	-	37.3	-	42.5	-	-	37.3	-	-	35.3	-	-	31.3	-	-	125
131	-	37.3	-	-	35.3	-	41.7	32.6	-	36.4	-	-	34.4	-	-	30.6	-	-	131
138	-	-	-	-	33.3	-	40.6	31.1	-	35.7	29.1	-	33.7	-	-	30.2	-	-	138
144	-	-	-	-	31.7	-	-	29.5	-	34.8	27.6	-	33.1	-	-	29.5	-	-	144
151	-	-	-	-	30.4	-	-	28.0	-	34.2	26.0	-	32.4	26.9	-	28.9	-	-	151
158	-	-	-	-	-	24.5	-	26.7	-	33.7	24.7	-	31.7	25.6	-	28.2	23.6	-	158
164	-	-	-	-	-	23.1	-	25.6	20.9	-	23.4	-	31.1	24.3	-	27.8	22.5	-	164
177	-	-	-	-	-	-	-	18.7	-	21.2	17.0	-	30.6	22.0	-	26.9	20.1	-	177
190	-	-	-	-	-	-	-	17.0	-	19.8	15.0	-	-	20.3	16.1	26.0	18.1	-	190
203	-	-	-	-	-	-	-	-	-	-	13.4	-	-	19.0	14.3	-	16.5	12.6	203
217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.0	-	15.2	11.0	217
230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.1	-	14.6	9.9	230
243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8	243
256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	256

196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft					
ft	1,000 lb																			ft
98	30.0	-	-	23.8	-	-	-	-	-	-	-	-	-	-	-	-	-	98		
105	29.3	-	-	23.4	-	-	19.0	-	-	-	-	-	-	-	-	-	-	105		
112	28.9	-	-	23.1	-	-	18.7	-	-	14.8	-	-	-	-	-	-	-	112		
118	28.4	-	-	22.7	-	-	18.3	-	-	14.6	-	-	11.2	-	-	-	-	118		
125	27.8	-	-	22.3	-	-	18.1	-	-	14.3	-	-	11.0	-	-	7.9	-	125		
131	27.3	-	-	22.0	-	-	17.9	-	-	14.1	-	-	11.0	-	-	7.9	-	131		
138	26.9	-	-	21.6	-	-	17.4	-	-	13.9	-	-	10.8	-	-	7.7	-	138		
144	26.2	-	-	21.2	-	-	17.2	-	-	13.7	-	-	10.6	-	-	7.7	-	144		
151	25.8	-	-	20.9	-	-	17.0	-	-	13.4	-	-	10.6	-	-	7.7	-	151		
158	25.4	-	-	20.5	-	-	16.5	-	-	13.2	-	-	10.4	-	-	7.7	-	158		
164	24.9	20.9	-	20.3	-	-	16.3	-	-	13.2	-	-	10.4	-	-	7.7	-	164		
177	24.0	19.2	-	19.4	16.1	-	15.7	-	-	12.8	-	-	9.9	-	-	7.5	-	177		
190	23.4	17.2	-	19.2	14.6	-	15.2	12.1	-	12.3	-	-	9.7	-	-	7.5	-	190		
203	22.7	15.7	-	18.7	13.2	-	14.8	10.8	-	12.1	-	-	9.5	-	-	7.3	-	203		
217	22.5	14.3	10.6	18.3	11.9	-	14.6	9.7	-	11.9	-	-	9.3	-	-	7.3	-	217		
230	-	13.0	9.3	18.3	10.8	-	14.1	8.6	-	11.7	-	-	9.3	-	-	7.3	-	230		
243	-	12.3	8.2	-	9.7	-	13.9	7.7	-	11.7	-	-	9.0	-	-	7.1	-	243		
256	-	-	7.1	-	8.8	-	13.7	6.8	-	11.5	-	-	8.8	-	-	7.1	-	256		
269	-	-	6.6	-	8.4	-	-	6.0	-	11.2	-	-	8.8	-	-	6.8	-	269		
282	-	-	-	-	-	-	-	5.5	-	-	-	-	8.6	-	-	6.8	-	282		
295	-	-	-	-	-	-	-	-	-	-	-	-	8.6	-	-	6.6	-	295		
308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	-	308		
322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	322		

Remarks

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

**ALL TERRAIN CRANE**
AC 500-2**LIFTING CAPACITIES LUFFING FLY JIB WITH SSL, MAIN BOOM 83°-65°**

360°																	85 %
169.9 ft + 13.1 ft Main boom + adapter																	
Fly jib																	
Radius	98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			Radius	
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°		
ft	1,000 lb															ft	
66	110.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	
72	106.5	-	-	92.4	-	-	-	-	-	-	-	-	-	-	-	72	
79	102.5	-	-	92.8	-	-	78.3	-	-	-	-	-	-	-	-	79	
85	99.2	-	-	86.4	-	-	83.8	-	-	68.6	-	-	-	-	-	85	
92	96.1	-	-	83.6	-	-	78.3	-	-	77.4	-	-	70.5	-	-	92	
98	93.0	-	-	81.1	-	-	73.0	-	-	73.2	-	-	67.5	-	-	98	
105	90.8	-	-	78.7	-	-	69.2	-	-	68.8	-	-	64.4	-	-	105	
112	88.8	-	-	76.5	-	-	67.2	-	-	64.4	-	-	61.5	-	-	112	
118	86.6	73.2	-	75.0	-	-	65.5	-	-	61.7	-	-	58.4	-	-	118	
125	-	69.0	-	73.4	66.1	-	63.5	-	-	58.9	-	-	55.6	-	-	125	
131	-	65.5	-	72.1	63.1	-	62.4	-	-	56.9	-	-	53.4	-	-	131	
138	-	62.2	-	70.8	59.7	-	61.3	55.6	-	55.6	-	-	50.9	-	-	138	
144	-	59.5	-	-	57.1	-	60.2	53.6	-	54.7	49.8	-	48.7	-	-	144	
151	-	56.9	48.1	-	54.5	-	59.1	51.6	-	53.8	48.7	-	46.7	42.5	-	151	
158	-	-	45.6	-	52.5	-	58.2	49.8	-	52.9	47.6	-	45.9	41.7	-	158	
164	-	-	43.4	-	50.5	41.4	-	48.1	-	52.0	46.3	-	45.2	40.8	-	164	
177	-	-	-	-	-	37.7	-	44.5	36.4	50.7	43.9	-	43.9	38.8	-	177	
190	-	-	-	-	-	35.1	-	40.6	33.1	-	41.2	34.4	42.8	37.3	-	190	
203	-	-	-	-	-	-	-	-	30.4	-	38.4	31.3	-	35.7	30.0	203	
217	-	-	-	-	-	-	-	-	-	-	-	29.1	-	34.0	27.3	217	
230	-	-	-	-	-	-	-	-	-	-	-	26.9	-	31.3	24.9	230	
243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.7	243	
256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	256	
1,000 lb																	
ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			ft	
92	50.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92	
98	60.6	-	-	40.8	-	-	-	-	-	-	-	-	-	-	-	98	
105	58.9	-	-	50.7	-	-	33.3	-	-	-	-	-	-	-	-	105	
112	56.9	-	-	49.4	-	-	42.5	-	-	25.1	-	-	-	-	-	112	
118	54.9	-	-	47.8	-	-	41.7	-	-	35.1	-	-	19.8	-	-	118	
125	53.1	-	-	46.3	-	-	40.8	-	-	34.6	-	-	28.4	-	-	125	
131	51.1	-	-	44.8	-	-	39.9	-	-	34.2	-	-	28.2	-	-	131	
138	49.2	-	-	43.2	-	-	38.8	-	-	33.7	-	-	27.8	-	-	138	
144	47.2	-	-	41.9	-	-	37.9	-	-	33.1	-	-	27.6	-	-	144	
151	45.2	-	-	40.3	-	-	37.0	-	-	32.6	-	-	27.3	-	-	151	
158	43.2	-	-	38.8	-	-	35.7	-	-	32.0	-	-	27.1	-	-	158	
164	41.4	35.9	-	37.5	-	-	34.6	-	-	31.5	-	-	26.9	-	-	164	
177	38.8	34.4	-	34.6	29.3	-	32.2	-	-	29.5	-	-	26.0	-	-	177	
190	36.8	32.8	-	32.6	28.0	-	29.8	24.0	-	27.8	19.4	-	25.1	-	-	190	
203	35.9	31.7	-	30.6	26.9	-	27.8	22.9	-	26.0	19.0	-	24.0	15.0	-	203	
217	35.3	30.9	26.5	29.5	25.8	-	26.2	21.8	-	24.5	18.5	-	22.9	14.8	-	217	
230	-	29.8	24.0	29.1	25.1	22.0	24.5	20.9	-	22.9	17.9	-	21.6	14.6	-	230	
243	-	28.0	21.8	-	24.3	19.8	23.8	20.3	17.4	21.6	17.4	-	20.5	14.3	-	243	
256	-	-	20.1	-	23.6	18.1	23.6	19.6	15.9	20.5	16.8	13.0	19.2	14.1	9.7	256	
269	-	-	18.3	-	22.0	16.3	-	19.2	14.1	20.1	16.3	12.6	18.1	13.7	9.7	269	
282	-	-	-	-	14.8	-	-	18.3	12.6	-	15.7	12.1	17.6	13.4	9.5	282	
295	-	-	-	-	-	-	-	-	11.2	-	15.4	10.8	17.2	13.2	9.3	295	
308	-	-	-	-	-	-	-	-	10.1	-	14.8	9.5	-	13.0	9.0	308	
322	-	-	-	-	-	-	-	-	-	-	-	8.4	-	13.0	7.9	322	
335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	335	
348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	348	
361	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	361	

Remarks

Counterweight 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb 396,800 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

**TEREX | DEMAG****TECHNICAL DESCRIPTION****CARRIER**

Drive / Steering	16 x 8 x 14.
Frame	Demag-built special main frame of high-strength fine-grain structural steel, with pot-shaped centre section and foldaway outrigger boxes.
Outriggers	4-point outrigger system, folding outrigger beams, fully hydraulic horizontal and vertical extension, providing 360° continuous rotation. Outrigger loading indicator.
Engine	Water-cooled 8-cylinder DaimlerChrysler diesel engine OM 502 LA, output 448 kW (610 hp) at 1800 ¹ /min, torque 2700 Nm at 1200 ¹ /min. Fuel tank capacity: 156 gallons.
Transmission	Allison type CLBT 755 with electronic transmission control (ATEC), torque converter and hydraulic retarder.
Axles	1 + 2 + 5 driving, connectable drive of axle 3. 1-4 and 6-8 steering, all axles hydropneumatically suspended and hydraulically blockable.
Wheels and tires	16 wheels, 14.00 R 25.
Steering	Dual-circuit semiblock mechanical steering with hydraulic booster.
Brakes	In conformity with EC directives. Sustained action brake: constant decompression valve, exhaust brake, hydraulic retarder integrated into gearbox.
Electrical equipment	24 V system, lighting in compliance with EC standards.
Driver's cab	Rubber-mounted low-line steel cab, ergonomic design, with pneumatically suspended driver's seat and one passenger's seat; vertically adjustable steering wheel; heated outside mirrors, mirror electrically adjustable; dashboard with clearly arranged instrumentation and carrier controls.

SUPERSTRUCTURE

Engine	Water-cooled 6-cylinder DaimlerChrysler diesel engine OM 906 LA, output: 205 kW (279 hp) at 2300 ¹ /min, torque 1100 Nm at 1300 ¹ /min. Fuel tank capacity: 79 gallons.
Hydraulic system	Powered via 5 hydraulic circuits, 4 main pumps for independent control movements, 1 pump for auxiliary circuits, one control pump for the servo control.
Hoist I	Axial-piston variable displacement motor, hoist drum with integrated planetary gear reducer, and brake.
Slew unit	Axial piston motor with planetary gearing, spring-applied automatic holding brake.
Boom elevation	2 differential cylinders with pilot-controlled lowering brake valves.
Control	Electric pilot-control by two self-centering servo levers.
Crane cab	Spacious all-steel comfortable cab (tiltable) with sliding door and large hinged windscreen, roof window with armoured glass, full instrumentation and crane controls, comfortable seat with ergonomic armrest mounted joystick controls, working light. Self-contained hot water heater with timer and 'Heizmatic' for sensitive heat flow control. Intermittent control window wiper and washer, air-conditioning.
Main boom	Boom base and four telescopic sections fabricated from fine grain structural steel, telescoping with partial load. Buckling-resistant Demag ovaloid design with diagonally arranged self-centering slider shoes.
Counterweight	220,500 lb, divisible.
Safety devices	Electronic safe load indicator with large graphic display and sealed touch-type keyboard, digital read-out for hook load, nominal load, boom length, angle, and radius. Analog display to indicate the capacity utilization, and monitoring code to assist in trouble shooting. Integrated control system for boom telescoping, display for load charts and both theoretical and measured outrigger loadings. In addition, provision has been made for: limit switches on hoist and lowering motions, pressure relief and safety holding valves, hoist rotation indicator and anemometer.

OPTIONAL EQUIPMENT

Superlift attachment	This attachment used to increase the crane's load moment consists of both the boom suspension system folding out, as required, at 0°, 30° or 60°. The boom suspension system provides for an automatic rope length adjustment for boom telescoping, and is lowered to the main boom when not needed (axle loads to be observed).
Main boom extension	Lattice extension consisting of components of the 295.3 ft luffing jib, 19.7 – 98.4 ft long, 0°, 20° and 40° offset from 39.3 ft length.
Fixed fly jib	Fixed lattice jib, comprising of parts of the luffing jib, 27.6 – 204.7 ft m long (LF system).
Luffing jib	78.7 – 295.3 ft, plus 13.1 ft adapter, with two luffing masts, pendant bars, electrical equipment, safety devices (hoist II is required when using the luffing jib).
Additional counterweight	176,400 lb, integrated into the standard counterweight, installed by the crane itself.
Additional jack leg	For special duties with 48.2 ft main boom.
Hoist II	Axial piston variable displacement motor, hoist drum with integrated planetary reduction, spring-applied multi-disk brake, hoist rope.
Independent rear axle steering	

ALL TERRAIN CRANE

AC 500-2

NOTES TO LIFTING CAPACITY

Ratings are in compliance with ISO 4305 and DIN 15019.2 (test load = 1.25 x suspended load + 0.1 x dead weight of boom head).
Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

Crane operation with main boom is permissible up to a

wind pressure of: 1.25 lb/ft²
wind speed of: 21.9 mph

Consult operation manual for further details.

Note: Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes.
Crane operation is subject to the computer charts and operation manual both supplied with the crane.

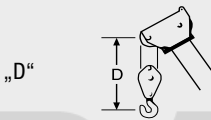
KEY



Counterweight



Lifting capacities on outriggers 360°



"D"

SL

Superlift



TEREX | DEMAG

OVERVIEW OF STANDARD DUTY CHARTS



31.6 ft x 31.5 ft



26.4 ft x 24.0 ft

Main boom

Main boom		0 lb	44,100 lb	88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb	396,800 lb
		360°	360°	360°	360°	360°	360°	360°	360°	360°	360°
48.2 ft		x	x	x	x	x	x	x	x	x	-
63.3 ft		x	x	x	x	x	x	x	x	x	-
78.7 ft		x	x	x	x	x	x	x	x	x	-
93.8 ft		x	x	x	x	x	x	x	x	x	-
108.9 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
124.3 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
139.4 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
154.9 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
169.9 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
183.7 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL

Main boom		0 lb	44,100 lb	88,200 lb	132,300 lb	176,400 lb	220,500 lb
		360°	360°	360°	360°	360°	360°
48.2 ft		x	x	x	x	x	x
63.3 ft		x	x	x	x	x	x
78.7 ft		x	x	x	x	x	x
93.8 ft		x	x	x	x	x	x
108.9 ft		x	x	x	x	x	x
124.3 ft		x	x	x	x	x	x
139.4 ft		x	x	x	x	x	x
154.9 ft		-	x	x	x	x	x
169.9 ft		-	x	x	x	x	x
183.7 ft		-	x	x	x	x	x



31.6 ft x 31.5 ft



26.4 ft x 24.0 ft

Main boom extension

Main boom	Extension		88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb	396,800 lb
			SSL = 0°	SSL = 0°	SSL = 0°	SSL = 0°	SSL = 0°	SSL = 0°	SSL = 0°	SSL = 0°
183.7 ft	19.7 ft – 0°		x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	39.4 ft – 0°		x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	59.1 ft – 0°		x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	78.7 ft – 0°		x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	98.4 ft – 0°		x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	39.4 ft – 20°		x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	59.1 ft – 20°		x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	78.7 ft – 20°		x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	98.4 ft – 20°		x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	39.4 ft – 40°		x	x	x	x/+SSL	x/+SSL	+SSL	+SSL	-
	59.1 ft – 40°		x	x	x	x/+SSL	x/+SSL	+SSL	+SSL	-
	78.7 ft – 40°		x	x	x	x/+SSL	x/+SSL	+SSL	+SSL	-
	98.4 ft – 40°		x	x	x	x/+SSL	x/+SSL	+SSL	+SSL	-
	39.4 ft – 0°		x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL
	59.1 ft – 0°		x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	+SSL

Main boom	Extension		88,200 lb	132,300 lb	176,400 lb	220,500 lb
			SSL = 0°	SSL = 0°	SSL = 0°	SSL = 0°
183.7 ft	19.7 ft – 0°		x	x	x	x
	39.4 ft – 0°		x	x	x	x
	59.1 ft – 0°		x	x	x	x
	78.7 ft – 0°		x	x	x	x
	98.4 ft – 0°		x	x	x	x
	39.4 ft – 20°		x	x	x	x
	59.1 ft – 20°		x	x	x	x
	78.7 ft – 20°		x	x	x	x
	98.4 ft – 20°		x	x	x	x
	39.4 ft – 40°		x	x	x	x
	59.1 ft – 40°		x	x	x	x
	78.7 ft – 40°		x	x	x	x
	98.4 ft – 40°		x	x	x	x
	39.4 ft – 0°		x	x	x	x
	59.1 ft – 0°		x	x	x	x



31.6 ft x 31.5 ft

Fixed fly jib

Main boom	Extension		88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb	396,800 lb
			SSL = 0°	SSL = 0°	SSL = 0°	SSL = 0°	SSL = 0°	SSL = 0°	SSL = 0°	SSL = 0°
139.4 ft	27.6 ft – 0°		x	x	x	x	x	x	x	-
	47.2 ft – 0°		x	x	x	x	x	x	x	-
	66.9 ft – 0°		x	x	x	x	x	x	x	-
	86.6 ft – 0°		x	x	x	x	x	x	x	-
	106.3 ft – 0°		x	x	x	x	x	x	x	-
	126.0 ft – 0°		x	x	x	x	x	x	x	-
	145.7 ft – 0°		x	x	x	x	x	x	x	-
	165.4 ft – 0°		x	x	x	x	x	x	x	-
	185.0 ft – 0°		x	x	x	x	x	x	x	-
	204.7 ft – 0°		x	x	x	x	x	x	x	-
	86.6 ft – 20°		x	x	x	x	x	x	-	-
	106.3 ft – 20°		x	x	x	x	x	x	-	-
	126.0 ft – 20°		x	x	x	x	x	x	-	-
	145.7 ft – 20°		x	x	x	x	x	x	-	-
	165.4 ft – 20°		x	x	x	x	x	x	-	-

Main boom	Extension		88,200 lb	132,300 lb	176,400 lb**	220,500 lb	264,600 lb	308,600 lb	352,700 lb	396,800 lb
			SSL = 0° + 30°	SSL = 0° + 30°	SSL = 0° + 30°	SSL = 0° + 30°	SSL = 0° + 30°	SSL = 0° + 30°	SSL = 0° + 30°	SSL = 0° + 30°
169.9 ft	27.6 ft – 0°		x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL+
	47.2 ft – 0°		x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	SSL
	66.9 ft – 0°		x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	86.6 ft – 0°		x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	106.3 ft – 0°		x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	126.0 ft – 0°		x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	145.7 ft – 0°		x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	165.4 ft – 0°		x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+SSL
	86.6 ft – 20°		x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	-
	106.3 ft – 20°		x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	-
	126.0 ft – 20°		x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	-
	145.7 ft – 20°		x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	-
	165.4 ft – 20°		x	x	x	x/+SSL	x/+SSL	x/+SSL	+SSL	-
	86.6 ft – 40°		x	x	x	x/+SSL	x/+SSL	+SSL	-	-
	106.3 ft – 40°		x	x	x	x/+SSL	x/+SSL	+SSL	-	-

** 176,400 lb:
only SSL 30°



ALL TERRAIN CRANE AC 500-2

OVERVIEW OF STANDARD DUTY CHARTS

 31.6 ft x 31.5 ft

Luffing fly jib

Main boom	Jib							
		88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb
		83° / 73° / 65°						
48.2 ft + 13.1 ft 63.3 ft + 13.1 ft 78.7 ft + 13.1 ft 93.8 ft + 13.1 ft 108.9 ft + 13.1 ft	78.7 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	98.4 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	118.1 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	137.8 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	157.5 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	177.2 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	196.9 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	216.5 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	236.2 ft	-	-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	255.9 ft	-	-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	275.6 ft	-	-	-	x/x/x	x/x/x	x/x/x	x/x/x

Main boom	Jib							
		88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb
		83° / 73° / 65°						
154.9 ft + 13.1 ft	78.7 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	98.4 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	118.1 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	137.8 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	157.5 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	177.2 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	196.9 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	216.5 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	236.2 ft	-	-	x/-/-	x/x/x	x/x/x	x/x/x	-
	255.9 ft	-	-	x/-/-	x/x/x	x/x/x	x/x/x	-
	275.6 ft	-	-	-	x/x/x	x/x/x	x/x/x	-

Main boom	Jib							
		88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb
		83° / 73° / 65°						
124.3 ft + 13.1 ft	78.7 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	98.4 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	118.1 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	137.8 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	157.5 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	177.2 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	196.9 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	216.5 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	236.2 ft	-	-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	255.9 ft	-	-	x/-/-	x/x/x	x/x/x	x/x/x	x/x/x
	275.6 ft	-	-	-	x/x/x	x/x/x	x/x/x	x/x/x

Main boom	Jib							
		88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb
		83° / 73° / 65°						
169.9 ft + 13.1 ft	78.7 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	-	-
	98.4 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	-	-
	118.1 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	-	-
	137.8 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	-	-
	157.5 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	-	-
	177.2 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	-	-
	196.9 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	-	-
	216.5 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	-	-
	236.2 ft	-	-	x/-/-	x/x/x	x/x/x	-	-
	255.9 ft	-	-	x/-/-	x/x/x	x/x/x	-	-
	275.6 ft	-	-	-	x/x/x	x/x/x	-	-

Main boom	Jib							
		88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb
		83° / 73° / 65°						
139.4 ft + 13.1 ft	78.7 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	98.4 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	118.1 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	137.8 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	157.5 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	177.2 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	196.9 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	216.5 ft	-	x/-/-	x/-/-	x/x/x	x/x/x	x/x/x	-
	236.2 ft	-	-	x/-/-	x/x/x	x/x/x	x/x/x	-
	255.9 ft	-	-	x/-/-	x/x/x	x/x/x	x/x/x	-
	275.6 ft	-	-	-	x/x/x	x/x/x	x/x/x	-

with SSL 0°

	Jib	Main boom 108.9 ft + 13.1 ft				Main boom 139.4 ft + 13.1 ft			
		264,600 lb	308,600 lb	352,700 lb	396,800 lb	264,600 lb	308,600 lb	352,700 lb	396,800 lb
		83° / 73° / 65°							
	98.4 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	118.1 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	137.8 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	157.5 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	177.2 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	196.9 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	216.5 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	236.2 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/-	x/x/-	x/x/x	x/x/x
	255.9 ft	x/x/-	x/x/x	x/x/x	x/x/x	x/x/-	x/x/-	x/x/x	x/x/x
	275.6 ft	x/x/-	x/x/x	x/x/x	x/x/x	x/x/-	x/x/-	x/x/x	x/x/x
	295.3 ft	x/x/-	x/x/-	x/x/x	x/x/x	x/x/-	x/x/-	x/x/x	x/x/x

	Jib	Main boom 154.9 ft + 13.1 ft				Main boom 169.9 ft + 13.1 ft			
		264,600 lb	308,600 lb	352,700 lb	396,800 lb	264,600 lb	308,600 lb	352,700 lb	396,800 lb
		83° / 73° / 65°							
	98.4 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	118.1 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	137.8 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	157.5 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	177.2 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	196.9 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	216.5 ft	x/x/-	x/x/x	x/x/x	x/x/x	x/x/-	x/x/-	x/x/x	x/x/x
	236.2 ft	x/x/-	x/x/x	x/x/x	x/x/x	x/x/-	x/x/-	x/x/x	x/x/x
	255.9 ft	x/x/-	x/x/x	x/x/x	x/x/x	x/x/-	x/x/-	x/x/x	x/x/x
	275.6 ft	x/x/-	x/x/-	x/x/x	x/x/x	x/x/-	x/x/-	x/x/x	x/x/x
	295.3 ft	-	-	-	-	-	-	-	-

with SSL 60°

Main boom	Jib							
		88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb
		83°						
108.9 ft + 13.1 ft 124.3 ft + 13.1 ft 139.4 ft + 13.1 ft 154.9 ft + 13.1 ft 169.9 ft + 13.1 ft	98.4 ft	-	-	x	x	x	x	x
	118.1 ft	-	-	x	x	x	x	x
	137.8 ft	-	-	x	x	x	x	x
	157.5 ft	-	-	x	x	x	x	x
	177.2 ft	-	-	x	x	x	x	x
	196.9 ft	-	-	x	x	x	x	x
	216.5 ft	-	-	x	x	x	x	x
	236.2 ft	-	-	x	x	x	x	x
	255.9 ft	-	-	x	x	x	x	x
	275.6 ft	-	-	-	x	x	x	x
	295.3 ft	-	-	-	x	x	x	x

26.4 ft x 24.0 ft

Main boom	Jib							
		88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb
		83°						
48.2 ft + 13.1 ft 63.3 ft + 13.1 ft 78.7 ft + 13.1 ft 93.8 ft + 13.1 ft 108.9 ft + 13.1 ft 124.3 ft + 13.1 ft 139.4 ft + 13.1 ft 154.9 ft + 13.1 ft 169.9 ft + 13.1 ft	78.7 ft	-	x	x	x	-	-	-
	98.4 ft	-	x	x	x	-	-	-
	118.1 ft	-	x	x	x	-	-	-
	137.8 ft	-	x	x	x	-	-	-
	157.5 ft	-	x	x	x	-	-	-
	177.2 ft	-	x	x	x	-	-	-
	196.9 ft	-	x	x	x	-	-	-
	216.5 ft	-	-	x	x	-	-	-
	236.2 ft	-	-	-	x	-	-	-
	255.9 ft	-	-	-	-	-	-	-
	275.6 ft	-	-	-	-	-	-	-



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AC 500-2

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ALL TERRAIN CRANE

AC 500-2



The information contained in this brochure merely consists of general descriptions and a broad compilation of performance features which might not apply precisely as described under specific application conditions or which may change as a result of further product development. The desired performance features only become binding once expressly agreed in the final contract.

Note: Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes. Crane operation is subject to the computer charts and operation manual both supplied with the crane.

Subject to change without notice.

08 / 05



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