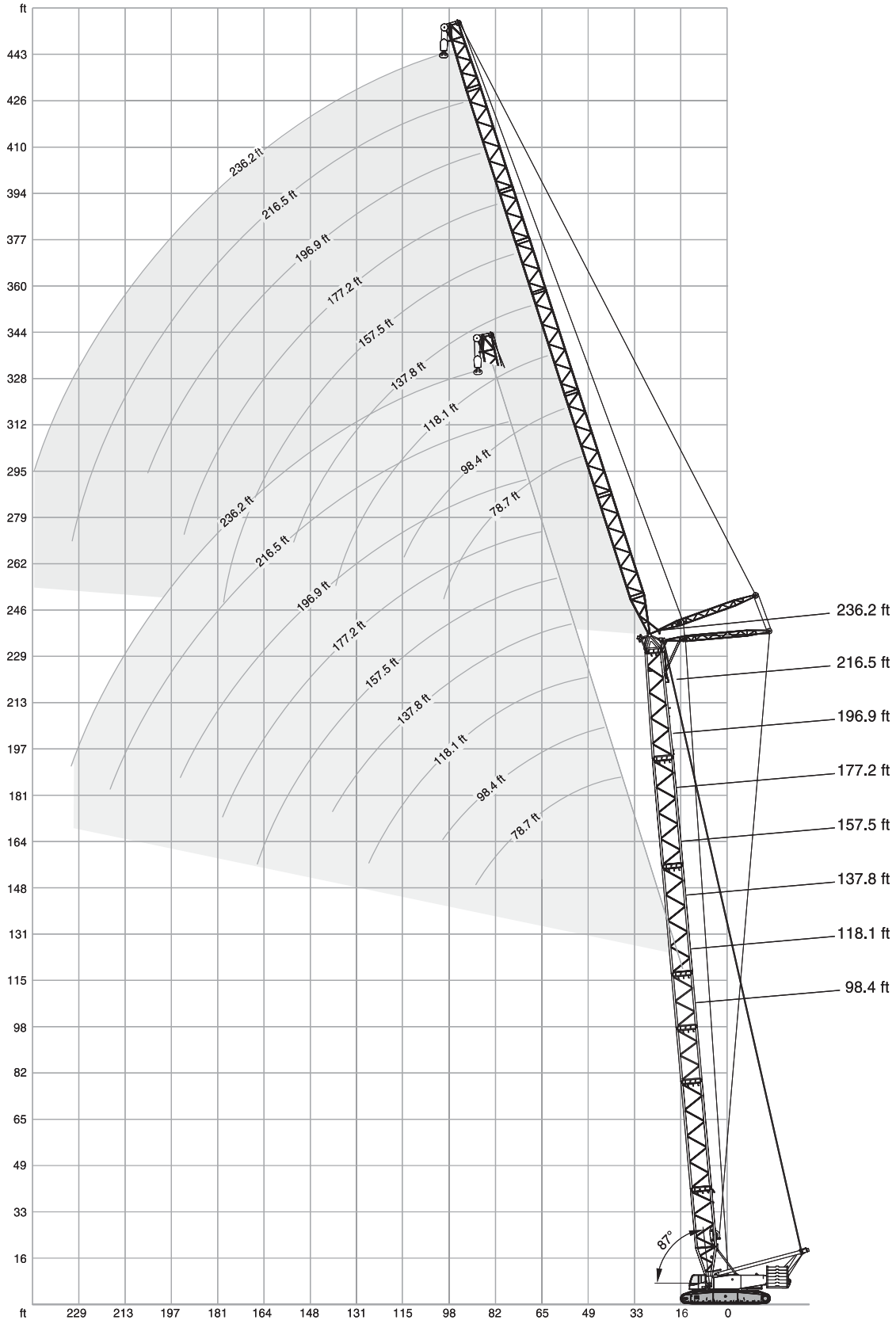




LIFTING CHARTS - Crawler Cranes

DEMAG MODEL CC2400-1 - 440 TON CAPACITY


SW





STERLING CRANE

SW

352,700 lb + 88,200 lb ZB  23'9" 360° ISO

 98.4 ft

	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
ft	1,000 lb														
36.1	370.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	340.6	-	-	325.2	-	-	-	-	-	-	-	-	-	-	-
42.7	315.3	-	-	302.0	-	-	288.8	-	-	-	-	-	-	-	-
45.9	293.2	-	-	281.1	-	-	270.1	-	-	-	-	-	-	-	-
49.2	274.5	-	-	263.5	-	-	252.4	-	-	243.6	-	-	-	-	-
52.5	257.9	-	-	246.9	-	-	238.1	-	-	229.3	-	-	220.5	-	-
59.1	229.3	-	-	220.5	-	-	212.7	-	-	205.0	-	-	197.8	-	-
65.6	201.1	-	-	199.3	-	-	192.0	-	-	185.2	-	-	178.8	-	-
72.2	177.5	164.5	-	175.7	-	-	174.6	-	-	168.4	-	-	162.7	-	-
78.7	158.5	146.8	-	156.7	144.4	-	155.6	-	-	153.9	-	-	149.3	-	-
85.3	143.1	132.3	-	141.3	130.1	-	140.2	-	-	138.5	-	-	137.6	-	-
91.9	128.5	120.4	-	128.5	118.2	-	127.2	116.6	-	125.4	-	-	125.0	-	-
98.4	-	110.2	103.0	117.7	108.0	-	116.4	106.5	-	114.6	104.3	-	114.2	-	-
105.0	-	101.4	94.6	108.2	99.4	-	107.1	97.9	-	105.2	95.7	-	104.7	95.0	-
111.5	-	-	87.5	99.0	91.9	85.1	99.0	90.4	-	97.2	88.2	-	96.6	87.5	-
124.7	-	-	76.1	-	79.6	73.6	85.8	78.0	71.9	83.8	75.8	-	83.1	75.2	-
131.2	-	-	-	-	-	68.8	-	73.0	67.0	78.3	70.8	64.8	77.6	69.9	-
137.8	-	-	-	-	-	64.6	-	68.3	62.8	73.4	66.1	60.4	72.8	65.3	-
144.4	-	-	-	-	-	60.8	-	64.4	58.9	69.2	62.2	56.7	68.3	61.3	55.8
150.9	-	-	-	-	-	-	-	-	55.6	-	58.4	53.1	64.2	57.5	52.2
164.0	-	-	-	-	-	-	-	-	49.8	-	52.2	47.4	57.3	51.1	46.3
177.2	-	-	-	-	-	-	-	-	-	-	42.5	-	-	45.9	41.0
190.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.8

	177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
ft	1,000 lb											
55.8	201.5	-	-	-	-	-	-	-	-	-	-	-
59.1	191.1	-	-	-	-	-	-	-	-	-	-	-
62.3	181.7	-	-	173.5	-	-	-	-	-	-	-	-
65.6	172.8	-	-	166.9	-	-	141.3	-	-	-	-	-
72.2	157.6	-	-	152.1	-	-	141.3	-	-	113.5	-	-
78.7	144.6	-	-	139.6	-	-	135.4	-	-	112.9	-	-
85.3	133.4	-	-	128.8	-	-	124.8	-	-	112.4	-	-
91.9	123.5	-	-	119.0	-	-	115.5	-	-	110.0	-	-
98.4	113.1	-	-	110.9	-	-	107.6	-	-	103.6	-	-
111.5	95.7	86.2	-	94.4	-	-	93.7	-	-	90.2	-	-
124.7	82.2	73.9	-	80.9	72.5	-	80.2	-	-	78.7	-	-
131.2	76.7	68.8	-	75.4	67.2	-	74.7	66.4	-	73.2	-	-
137.8	71.7	64.2	-	70.3	62.6	-	69.7	61.9	-	68.1	60.0	-
150.9	63.1	56.4	-	61.9	54.9	-	61.1	54.0	-	59.5	52.2	-
157.5	59.5	52.9	47.8	58.2	51.6	-	57.5	50.7	-	55.8	48.7	-
164.0	56.2	49.8	44.8	54.9	48.5	-	54.0	47.6	-	52.5	45.6	-
177.2	50.5	44.5	39.5	48.9	43.0	37.7	48.1	42.1	36.6	46.5	40.1	-
190.3	-	39.9	35.1	44.1	38.4	33.3	43.2	37.3	32.0	41.4	35.3	29.8
203.4	-	36.2	31.3	39.9	34.2	29.3	38.8	33.1	28.2	37.3	31.1	26.0
216.5	-	-	28.2	-	30.9	26.2	35.3	29.5	24.9	33.5	27.6	22.7
229.7	-	-	-	-	-	23.4	-	26.5	22.0	30.0	24.3	19.8
242.8	-	-	-	-	-	-	-	24.0	19.6	26.2	21.6	17.4
255.9	-	-	-	-	-	-	-	-	17.6	-	19.4	15.2
269.0	-	-	-	-	-	-	-	-	-	-	-	13.4
282.2	-	-	-	-	-	-	-	-	-	-	-	-



Remarks



Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

STERLING CRANE

SW

352,700 lb + 88,200 lb ZB  23'9" 360° ISO

118.1 ft															
 78.7 ft 98.4 ft 118.1 ft 137.8 ft 157.5 ft															
 87°-85° 75° 65° 87°-85° 75° 65° 87°-85° 75° 65° 87°-85° 75° 65° 87°-85° 75° 65°															
1,000 lb															
36.1	352.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	325.2	-	-	310.9	-	-	-	-	-	-	-	-	-	-	-
45.9	281.1	-	-	270.1	-	-	259.0	-	-	-	-	-	-	-	-
49.2	263.5	-	-	252.4	-	-	242.5	-	-	233.7	-	-	-	-	-
52.5	248.0	-	-	238.1	-	-	229.3	-	-	220.5	-	-	212.5	-	-
59.1	221.6	-	-	213.2	-	-	205.3	-	-	197.5	-	-	190.7	-	-
65.6	200.0	-	-	192.5	-	-	185.6	-	-	178.8	-	-	172.6	-	-
72.2	176.6	-	-	174.8	-	-	169.1	-	-	162.9	-	-	157.4	-	-
78.7	157.6	142.9	-	155.9	-	-	154.8	-	-	149.7	-	-	144.6	-	-
85.3	142.2	128.8	-	140.4	126.3	-	139.3	-	-	137.6	-	-	133.4	-	-
91.9	127.2	116.8	-	127.6	114.6	-	126.5	113.1	-	124.8	-	-	123.7	-	-
98.4	-	106.9	-	116.8	104.7	-	115.7	103.2	-	113.8	-	-	113.3	-	-
105.0	-	98.5	-	107.6	96.3	-	106.3	94.8	-	104.5	92.6	-	104.1	-	-
111.5	-	91.1	83.1	97.9	88.8	-	98.3	87.3	-	96.3	85.1	-	95.9	84.4	-
118.1	-	-	77.2	-	82.5	74.5	91.3	80.9	-	89.3	78.7	-	88.8	78.0	-
124.7	-	-	71.9	-	76.9	69.4	85.1	75.4	-	83.1	73.2	-	82.7	72.5	-
131.2	-	-	67.2	-	71.9	64.8	78.0	70.3	63.1	77.6	68.1	-	77.2	67.5	-
137.8	-	-	-	-	-	60.6	-	65.9	59.1	72.8	63.7	-	72.1	63.1	-
144.4	-	-	-	-	-	57.1	-	61.9	55.3	68.6	59.7	52.9	67.7	58.9	-
150.9	-	-	-	-	-	53.8	-	58.4	52.0	63.3	56.2	49.6	63.7	55.3	48.5
164.0	-	-	-	-	-	-	-	-	46.3	-	50.0	43.7	56.9	48.9	42.5
177.2	-	-	-	-	-	-	-	-	-	-	-	38.8	-	43.9	37.5
190.3	-	-	-	-	-	-	-	-	-	-	-	34.8	-	39.7	33.3
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.0
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

177.2 ft															
 196.9 ft 216.5 ft 236.2 ft															
 87°-85° 75° 65° 87°-85° 75° 65° 87°-85° 75° 65° 87°-85° 75° 65°															
1,000 lb															
59.1	184.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
62.3	175.3	-	-	156.5	-	-	-	-	-	-	-	-	-	-	-
65.6	166.9	-	-	156.5	-	-	133.2	-	-	-	-	-	-	-	-
72.2	152.3	-	-	147.0	-	-	133.2	-	-	107.6	-	-	-	-	-
78.7	140.0	-	-	134.9	-	-	131.0	-	-	107.6	-	-	-	-	-
85.3	129.2	-	-	124.6	-	-	120.8	-	-	107.4	-	-	-	-	-
91.9	119.7	-	-	115.5	-	-	112.0	-	-	105.2	-	-	-	-	-
98.4	111.6	-	-	107.4	-	-	104.3	-	-	100.3	-	-	-	-	-
111.5	95.0	-	-	93.9	-	-	91.1	-	-	87.5	-	-	-	-	-
118.1	88.0	76.9	-	86.6	-	-	85.3	-	-	82.0	-	-	-	-	-
124.7	81.6	71.2	-	80.5	69.7	-	79.8	-	-	77.2	-	-	-	-	-
137.8	71.2	61.7	-	69.9	60.2	-	69.2	59.3	-	67.7	-	-	-	-	-
144.4	66.6	57.8	-	65.5	56.2	-	64.8	55.3	-	63.1	53.6	-	-	-	-
150.9	62.6	54.0	-	61.3	52.7	-	60.6	51.8	-	59.1	49.8	-	-	-	-
164.0	55.8	47.8	41.0	54.2	46.3	-	53.6	45.4	-	52.0	43.2	-	-	-	-
177.2	49.8	42.5	35.9	48.5	40.8	34.0	47.8	39.9	-	46.1	37.7	-	-	-	-
190.3	-	37.9	31.7	43.7	36.2	29.8	42.8	35.1	28.7	41.0	33.1	-	-	-	-
203.4	-	34.2	28.2	39.5	32.2	26.2	38.6	31.1	25.1	36.8	28.9	22.7	-	-	-
216.5	-	-	25.1	-	28.9	23.1	34.8	27.6	21.8	33.1	25.6	19.6	-	-	-
229.7	-	-	22.7	-	-	20.5	-	24.7	19.2	29.5	22.5	17.0	-	-	-
242.8	-	-	-	-	-	18.3	-	22.0	17.0	25.6	19.8	14.6	-	-	-
255.9	-	-	-	-	-	-	-	-	14.8	-	17.6	12.6	-	-	-
269.0	-	-	-	-	-	-	-	-	-	-	-	10.8	-	-	-
282.2	-	-	-	-	-	-	-	-	-	-	-	9.3	-	-	-
295.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Remarks: Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

STERLING CRANE

SW

352,700 lb + 88,200 lb ZB  23'9" 360° ISO

 137.8 ft

ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
36.1	335.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	309.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.7	287.7	-	-	275.6	-	-	-	-	-	-	-	-	-	-	-
45.9	269.0	-	-	257.9	-	-	248.0	-	-	-	-	-	-	-	-
49.2	252.4	-	-	242.5	-	-	232.6	-	-	223.8	-	-	-	-	-
52.5	238.1	-	-	228.2	-	-	220.2	-	-	211.9	-	-	-	-	-
55.8	224.9	-	-	216.5	-	-	208.3	-	-	200.6	-	-	193.3	-	-
59.1	213.4	-	-	205.3	-	-	197.8	-	-	190.3	-	-	183.6	-	-
65.6	193.1	-	-	185.8	-	-	179.0	-	-	172.6	-	-	166.4	-	-
72.2	175.5	-	-	169.5	-	-	163.4	-	-	157.6	-	-	152.1	-	-
78.7	156.7	-	-	155.0	-	-	150.1	-	-	144.8	-	-	139.8	-	-
85.3	141.3	124.8	-	139.6	-	-	138.5	-	-	133.8	-	-	129.2	-	-
91.9	125.9	113.3	-	126.8	110.9	-	125.7	-	-	123.9	-	-	119.9	-	-
98.4	-	103.4	-	116.0	101.2	-	114.9	99.6	-	113.1	-	-	111.8	-	-
105.0	-	95.2	-	106.7	92.8	-	105.6	91.3	-	103.6	89.1	-	103.4	-	-
111.5	-	88.0	-	96.6	85.8	-	97.4	84.2	-	95.7	82.0	-	95.2	-	-
118.1	-	81.8	72.5	-	79.6	-	90.6	78.0	-	88.6	75.6	-	88.2	75.0	-
124.7	-	-	67.5	-	74.1	-	84.4	72.5	-	82.5	70.3	-	82.0	69.7	-
131.2	-	-	63.1	-	69.2	60.4	76.9	67.7	-	76.9	65.5	-	76.5	64.6	-
137.8	-	-	59.1	-	65.0	56.7	-	63.3	54.7	72.1	61.1	-	71.4	60.4	-
150.9	-	-	-	-	-	49.8	-	56.0	47.8	62.2	53.6	45.0	63.1	52.9	-
157.5	-	-	-	-	-	47.0	-	52.9	45.0	-	50.5	42.1	59.5	49.6	-
164.0	-	-	-	-	-	-	-	-	42.3	-	47.6	39.5	56.2	46.7	38.4
177.2	-	-	-	-	-	-	-	-	37.7	-	43.0	34.8	-	41.7	33.7
190.3	-	-	-	-	-	-	-	-	-	-	-	31.1	-	37.3	29.8
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.5
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.6


ft	177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb											
59.1	169.5	-	-	-	-	-	-	-	-	-	-	-
62.3	168.9	-	-	146.2	-	-	-	-	-	-	-	-
65.6	160.9	-	-	146.2	-	-	-	-	-	-	-	-
72.2	147.0	-	-	142.0	-	-	125.0	-	-	103.6	-	-
78.7	135.4	-	-	130.5	-	-	123.9	-	-	103.6	-	-
85.3	125.0	-	-	120.6	-	-	116.8	-	-	103.2	-	-
91.9	116.0	-	-	111.8	-	-	108.2	-	-	101.6	-	-
98.4	108.0	-	-	104.1	-	-	100.8	-	-	97.0	-	-
111.5	94.4	-	-	91.1	-	-	88.2	-	-	84.7	-	-
124.7	81.1	68.3	-	79.8	-	-	77.8	-	-	74.5	-	-
131.2	75.4	63.5	-	74.3	61.9	-	73.4	-	-	70.3	-	-
137.8	70.5	59.1	-	69.2	57.5	-	68.8	-	-	66.4	-	-
144.4	66.1	55.3	-	64.8	53.8	-	64.2	52.7	-	62.6	-	-
150.9	62.2	51.8	-	60.8	50.3	-	60.2	49.2	-	58.6	46.7	-
164.0	55.1	45.6	-	53.8	43.9	-	53.1	42.8	-	51.6	40.6	-
177.2	49.4	40.1	32.0	48.1	38.4	-	47.2	37.5	-	45.6	35.3	-
190.3	43.2	35.7	28.0	43.2	34.0	26.2	42.3	32.8	-	40.6	30.6	-
203.4	-	32.0	24.7	39.0	30.0	22.7	38.1	28.9	21.6	36.4	26.9	-
216.5	-	-	21.8	-	26.7	19.8	34.4	25.6	18.7	32.4	23.4	16.3
229.7	-	-	19.4	-	24.0	17.4	-	22.7	16.1	29.1	20.5	13.9
242.8	-	-	-	-	-	15.2	-	20.3	13.9	26.2	18.1	11.7
255.9	-	-	-	-	-	13.4	-	-	12.1	-	15.9	9.7
269.0	-	-	-	-	-	-	-	-	10.4	-	13.9	7.9
282.2	-	-	-	-	-	-	-	-	-	-	-	6.6

Remarks: Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

STERLING CRANE

SW

352,700 lb + 88,200 lb ZB  23'9" 360° ISO

 157.5 ft

ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
39.4	295.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.7	275.6	-	-	263.5	-	-	-	-	-	-	-	-	-	-	-
45.9	257.9	-	-	246.9	-	-	237.0	-	-	-	-	-	-	-	-
52.5	228.2	-	-	220.0	-	-	211.6	-	-	203.5	-	-	-	-	-
55.8	216.5	-	-	208.3	-	-	200.4	-	-	192.9	-	-	178.4	-	-
59.1	205.5	-	-	197.5	-	-	190.3	-	-	183.2	-	-	176.6	-	-
65.6	186.3	-	-	179.2	-	-	172.6	-	-	166.2	-	-	160.5	-	-
72.2	170.4	-	-	163.8	-	-	157.9	-	-	152.1	-	-	146.8	-	-
78.7	155.6	-	-	150.8	-	-	145.3	-	-	140.0	-	-	135.1	-	-
85.3	140.4	120.4	-	138.7	-	-	134.5	-	-	129.4	-	-	125.0	-	-
91.9	127.6	109.1	-	125.9	-	-	124.8	-	-	120.4	-	-	116.0	-	-
98.4	-	99.6	-	115.1	97.2	-	114.0	-	-	112.2	-	-	108.2	-	-
105.0	-	91.7	-	105.8	89.3	-	104.7	87.7	-	102.7	-	-	101.2	-	-
111.5	-	84.7	-	95.2	82.2	-	96.8	80.9	-	94.8	78.5	-	94.6	-	-
118.1	-	78.5	-	-	76.3	-	89.7	74.7	-	87.7	72.3	-	87.5	71.9	-
124.7	-	73.2	62.6	-	71.0	-	83.6	69.4	-	81.6	67.0	-	81.4	66.6	-
131.2	-	-	58.4	-	66.1	-	75.8	64.6	-	76.3	62.4	-	75.8	61.7	-
137.8	-	-	54.7	-	61.9	51.6	-	60.4	-	71.4	58.2	-	70.8	57.5	-
150.9	-	-	48.3	-	-	45.2	-	53.4	43.0	61.1	50.9	-	62.4	50.3	-
157.5	-	-	-	-	-	42.3	-	50.3	40.3	-	47.8	37.5	58.9	47.2	-
164.0	-	-	-	-	-	39.9	-	-	37.7	-	45.0	34.8	55.8	44.1	-
177.2	-	-	-	-	-	-	-	-	33.5	-	40.1	30.4	-	39.0	29.5
190.3	-	-	-	-	-	-	-	-	-	-	-	26.9	-	34.8	25.8
203.4	-	-	-	-	-	-	-	-	-	-	-	24.0	-	-	22.7
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.1


ft	177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb											
59.1	155.0	-	-	-	-	-	-	-	-	-	-	-
65.6	155.0	-	-	132.9	-	-	-	-	-	-	-	-
72.2	142.0	-	-	132.9	-	-	115.3	-	-	96.6	-	-
78.7	130.7	-	-	125.9	-	-	114.2	-	-	96.6	-	-
85.3	120.8	-	-	116.4	-	-	112.2	-	-	96.1	-	-
91.9	112.2	-	-	108.0	-	-	104.7	-	-	96.1	-	-
98.4	104.7	-	-	100.5	-	-	97.4	-	-	93.7	-	-
111.5	91.7	-	-	88.2	-	-	85.3	-	-	81.8	-	-
124.7	80.5	-	-	78.0	-	-	75.4	-	-	72.1	-	-
131.2	75.0	60.6	-	73.6	-	-	71.0	-	-	67.9	-	-
137.8	69.9	56.2	-	68.8	54.0	-	67.0	-	-	63.9	-	-
144.4	65.5	52.5	-	64.4	50.7	-	63.5	48.5	-	60.4	-	-
150.9	61.5	48.9	-	60.2	47.2	-	59.7	45.6	-	57.3	-	-
157.5	57.8	45.6	-	56.7	43.9	-	56.0	43.0	-	54.2	40.1	-
164.0	54.7	42.8	-	53.4	41.0	-	52.7	39.9	-	50.9	37.7	-
177.2	48.9	37.5	-	47.4	35.7	-	46.7	34.8	-	45.2	32.6	-
190.3	42.3	33.3	24.3	42.5	31.5	22.3	41.9	30.4	-	40.1	28.2	-
203.4	-	29.5	21.2	38.6	27.8	19.2	37.7	26.7	17.9	35.9	24.5	-
216.5	-	26.5	18.3	-	24.5	16.3	34.0	23.4	15.2	32.0	21.2	12.8
229.7	-	-	16.1	-	21.8	14.1	29.1	20.7	12.8	28.7	18.5	10.6
242.8	-	-	14.3	-	-	12.1	-	18.3	10.8	25.8	15.9	8.4
255.9	-	-	-	-	-	10.4	-	16.1	9.0	-	13.9	6.6
269.0	-	-	-	-	-	-	-	-	7.5	-	12.1	-
282.2	-	-	-	-	-	-	-	-	6.2	-	-	-
295.3	-	-	-	-	-	-	-	-	-	-	-	-

Remarks: Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

STERLING CRANE

SW

352,700 lb + 88,200 lb ZB  23'9" 360° ISO

 137.8 ft

ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
36.1	335.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	309.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.7	287.7	-	-	275.6	-	-	-	-	-	-	-	-	-	-	-
45.9	269.0	-	-	257.9	-	-	248.0	-	-	-	-	-	-	-	-
49.2	252.4	-	-	242.5	-	-	232.6	-	-	223.8	-	-	-	-	-
52.5	238.1	-	-	228.2	-	-	220.2	-	-	211.9	-	-	-	-	-
55.8	224.9	-	-	216.5	-	-	208.3	-	-	200.6	-	-	193.3	-	-
59.1	213.4	-	-	205.3	-	-	197.8	-	-	190.3	-	-	183.6	-	-
65.6	193.1	-	-	185.8	-	-	179.0	-	-	172.6	-	-	166.4	-	-
72.2	175.5	-	-	169.5	-	-	163.4	-	-	157.6	-	-	152.1	-	-
78.7	156.7	-	-	155.0	-	-	150.1	-	-	144.8	-	-	139.8	-	-
85.3	141.3	124.8	-	139.6	-	-	138.5	-	-	133.8	-	-	129.2	-	-
91.9	125.9	113.3	-	126.8	110.9	-	125.7	-	-	123.9	-	-	119.9	-	-
98.4	-	103.4	-	116.0	101.2	-	114.9	99.6	-	113.1	-	-	111.8	-	-
105.0	-	95.2	-	106.7	92.8	-	105.6	91.3	-	103.6	89.1	-	103.4	-	-
111.5	-	88.0	-	96.6	85.8	-	97.4	84.2	-	95.7	82.0	-	95.2	-	-
118.1	-	81.8	72.5	-	79.6	-	90.6	78.0	-	88.6	75.6	-	88.2	75.0	-
124.7	-	-	67.5	-	74.1	-	84.4	72.5	-	82.5	70.3	-	82.0	69.7	-
131.2	-	-	63.1	-	69.2	60.4	76.9	67.7	-	76.9	65.5	-	76.5	64.6	-
137.8	-	-	59.1	-	65.0	56.7	-	63.3	54.7	72.1	61.1	-	71.4	60.4	-
150.9	-	-	-	-	-	49.8	-	56.0	47.8	62.2	53.6	45.0	63.1	52.9	-
157.5	-	-	-	-	-	47.0	-	52.9	45.0	-	50.5	42.1	59.5	49.6	-
164.0	-	-	-	-	-	-	-	-	42.3	-	47.6	39.5	56.2	46.7	38.4
177.2	-	-	-	-	-	-	-	-	37.7	-	43.0	34.8	-	41.7	33.7
190.3	-	-	-	-	-	-	-	-	-	-	-	31.1	-	37.3	29.8
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.5
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.6

ft	177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb											
59.1	169.5	-	-	-	-	-	-	-	-	-	-	-
62.3	168.9	-	-	146.2	-	-	-	-	-	-	-	-
65.6	160.9	-	-	146.2	-	-	-	-	-	-	-	-
72.2	147.0	-	-	142.0	-	-	125.0	-	-	103.6	-	-
78.7	135.4	-	-	130.5	-	-	123.9	-	-	103.6	-	-
85.3	125.0	-	-	120.6	-	-	116.8	-	-	103.2	-	-
91.9	116.0	-	-	111.8	-	-	108.2	-	-	101.6	-	-
98.4	108.0	-	-	104.1	-	-	100.8	-	-	97.0	-	-
111.5	94.4	-	-	91.1	-	-	88.2	-	-	84.7	-	-
124.7	81.1	68.3	-	79.8	-	-	77.8	-	-	74.5	-	-
131.2	75.4	63.5	-	74.3	61.9	-	73.4	-	-	70.3	-	-
137.8	70.5	59.1	-	69.2	57.5	-	68.8	-	-	66.4	-	-
144.4	66.1	55.3	-	64.8	53.8	-	64.2	52.7	-	62.6	-	-
150.9	62.2	51.8	-	60.8	50.3	-	60.2	49.2	-	58.6	46.7	-
164.0	55.1	45.6	-	53.8	43.9	-	53.1	42.8	-	51.6	40.6	-
177.2	49.4	40.1	32.0	48.1	38.4	-	47.2	37.5	-	45.6	35.3	-
190.3	43.2	35.7	28.0	43.2	34.0	26.2	42.3	32.8	-	40.6	30.6	-
203.4	-	32.0	24.7	39.0	30.0	22.7	38.1	28.9	21.6	36.4	26.9	-
216.5	-	-	21.8	-	26.7	19.8	34.4	25.6	18.7	32.4	23.4	16.3
229.7	-	-	19.4	-	24.0	17.4	-	22.7	16.1	29.1	20.5	13.9
242.8	-	-	-	-	-	15.2	-	20.3	13.9	26.2	18.1	11.7
255.9	-	-	-	-	-	13.4	-	-	12.1	-	15.9	9.7
269.0	-	-	-	-	-	-	-	-	10.4	-	13.9	7.9
282.2	-	-	-	-	-	-	-	-	-	-	-	6.6

Remarks: Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

STERLING CRANE

SW

352,700 lb + 88,200 lb ZB 23'9" 360° ISO

196.9 ft

ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
39.4	263.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45.9	235.9	-	-	226.0	-	-	-	-	-	-	-	-	-	-	-
49.2	222.7	-	-	214.1	-	-	194.4	-	-	-	-	-	-	-	-
52.5	210.8	-	-	202.4	-	-	194.4	-	-	170.4	-	-	-	-	-
59.1	190.0	-	-	182.5	-	-	175.7	-	-	169.1	-	-	146.4	-	-
65.6	172.8	-	-	166.2	-	-	160.1	-	-	154.1	-	-	146.4	-	-
72.2	158.5	-	-	152.3	-	-	146.8	-	-	141.3	-	-	136.2	-	-
78.7	146.4	-	-	140.7	-	-	135.4	-	-	130.3	-	-	125.7	-	-
85.3	136.0	-	-	130.5	-	-	125.4	-	-	120.6	-	-	116.4	-	-
91.9	125.7	-	-	121.5	-	-	116.8	-	-	112.2	-	-	108.2	-	-
98.4	110.9	91.3	-	113.1	-	-	109.1	-	-	104.9	-	-	101.0	-	-
105.0	-	83.8	-	103.8	81.1	-	102.5	-	-	98.3	-	-	94.6	-	-
111.5	-	77.2	-	96.1	74.7	-	95.0	72.3	-	92.4	-	-	88.8	-	-
118.1	-	71.4	-	85.8	69.0	-	88.0	67.7	-	86.0	-	-	83.8	-	-
124.7	-	66.6	-	-	64.2	-	82.0	62.6	-	80.0	59.7	-	78.9	-	-
131.2	-	62.2	-	-	59.5	-	76.7	58.0	-	74.5	55.3	-	74.3	53.6	-
137.8	-	-	-	-	55.8	-	68.8	54.0	-	69.7	51.1	-	69.4	50.5	-
144.4	-	-	40.3	-	52.0	-	-	50.3	-	65.5	47.6	-	65.0	47.0	-
150.9	-	-	37.7	-	48.9	34.6	-	47.0	-	61.7	44.3	-	61.1	43.7	-
157.5	-	-	35.3	-	-	32.2	-	44.1	-	55.6	41.2	-	57.5	40.8	-
164.0	-	-	33.1	-	-	30.0	-	41.4	28.0	-	38.6	-	54.5	37.9	-
177.2	-	-	-	-	-	26.2	-	-	24.3	-	34.0	21.2	46.5	33.3	-
190.3	-	-	-	-	-	-	-	-	21.2	-	30.4	18.1	-	29.3	17.2
203.4	-	-	-	-	-	-	-	-	18.7	-	-	15.7	-	26.0	14.6
216.5	-	-	-	-	-	-	-	-	-	-	-	13.7	-	-	12.3
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.6
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.0


ft	177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb											
62.3	128.1	-	-	-	-	-	-	-	-	-	-	-
65.6	128.1	-	-	110.2	-	-	-	-	-	-	-	-
72.2	126.5	-	-	110.2	-	-	95.9	-	-	-	-	-
78.7	121.3	-	-	109.1	-	-	95.9	-	-	82.5	-	-
85.3	112.4	-	-	106.7	-	-	94.4	-	-	82.5	-	-
91.9	104.5	-	-	100.5	-	-	92.6	-	-	81.1	-	-
98.4	97.4	-	-	93.7	-	-	90.6	-	-	80.2	-	-
111.5	85.8	-	-	82.2	-	-	79.4	-	-	75.8	-	-
124.7	76.1	-	-	72.8	-	-	70.1	-	-	67.0	-	-
137.8	68.1	47.6	-	64.8	-	-	62.4	-	-	59.5	-	-
150.9	60.2	42.3	-	58.2	39.2	-	56.0	-	-	53.1	-	-
157.5	56.7	39.2	-	55.3	37.0	-	53.1	34.6	-	50.3	-	-
164.0	53.4	36.6	-	52.0	34.8	-	50.5	32.6	-	47.6	29.5	-
177.2	47.6	31.7	-	46.3	30.0	-	45.6	28.9	-	42.8	26.0	-
190.3	40.6	27.8	-	41.4	26.0	-	40.8	25.1	-	38.8	22.7	-
203.4	-	24.5	13.0	37.5	22.7	-	36.6	21.6	-	34.6	19.4	-
216.5	-	21.6	10.8	-	19.6	8.8	32.8	18.7	-	30.9	16.3	-
229.7	-	19.2	8.8	-	17.2	6.8	27.3	16.1	-	27.6	13.9	-
242.8	-	-	7.3	-	15.0	-	-	13.9	-	24.7	11.7	-
255.9	-	-	6.0	-	-	-	-	11.9	-	-	9.7	-
269.0	-	-	-	-	-	-	-	-	-	-	7.9	-
282.2	-	-	-	-	-	-	-	-	-	-	6.6	-
295.3	-	-	-	-	-	-	-	-	-	-	-	-

Remarks: Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

STERLING CRANE

SW

352,700 lb + 88,200 lb ZB  23'9" 360° ISO

 216.5 ft

ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
42.7	231.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45.9	226.0	-	-	198.0	-	-	-	-	-	-	-	-	-	-	-
49.2	213.4	-	-	198.0	-	-	173.3	-	-	-	-	-	-	-	-
52.5	202.2	-	-	194.2	-	-	173.3	-	-	-	-	-	-	-	-
55.8	191.8	-	-	184.5	-	-	173.3	-	-	150.4	-	-	-	-	-
59.1	182.5	-	-	175.5	-	-	168.9	-	-	150.4	-	-	131.6	-	-
65.6	166.4	-	-	160.1	-	-	154.1	-	-	148.2	-	-	131.6	-	-
72.2	152.8	-	-	146.8	-	-	141.3	-	-	136.0	-	-	128.5	-	-
78.7	141.3	-	-	135.6	-	-	130.5	-	-	125.7	-	-	121.0	-	-
85.3	131.4	-	-	126.1	-	-	121.3	-	-	116.4	-	-	112.2	-	-
91.9	123.0	-	-	117.5	-	-	112.9	-	-	108.5	-	-	104.5	-	-
98.4	109.3	-	-	110.0	-	-	105.6	-	-	101.4	-	-	97.4	-	-
105.0	-	79.4	-	103.0	-	-	99.2	-	-	95.0	-	-	91.3	-	-
111.5	-	73.4	-	95.0	70.5	-	93.5	-	-	89.5	-	-	85.8	-	-
118.1	-	67.9	-	84.2	65.3	-	87.1	62.6	-	84.4	-	-	80.9	-	-
124.7	-	63.1	-	-	60.4	-	81.1	58.6	-	79.1	-	-	76.3	-	-
131.2	-	58.9	-	-	56.0	-	75.8	54.2	-	73.6	51.4	-	72.3	-	-
137.8	-	54.9	-	-	52.0	-	67.7	50.3	-	69.0	47.4	-	68.6	45.9	-
150.9	-	-	32.4	-	45.4	-	-	43.7	-	60.8	40.8	-	60.4	40.3	-
157.5	-	-	30.2	-	42.5	-	-	40.8	-	54.5	37.9	-	56.9	37.5	-
164.0	-	-	28.2	-	-	25.1	-	38.1	-	-	35.5	-	53.8	34.8	-
177.2	-	-	-	-	-	21.6	-	34.0	19.6	-	31.1	-	45.4	30.4	-
190.3	-	-	-	-	-	19.0	-	-	16.8	-	27.3	13.9	-	26.5	-
203.4	-	-	-	-	-	-	-	-	14.6	-	-	11.5	-	23.4	10.6
216.5	-	-	-	-	-	-	-	-	-	-	-	9.5	-	20.7	8.6
229.7	-	-	-	-	-	-	-	-	-	-	-	8.2	-	-	6.8
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-


ft	177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb											
62.3	114.6	-	-	-	-	-	-	-	-	-	-	-
65.6	114.6	-	-	-	-	-	-	-	-	-	-	-
72.2	114.6	-	-	99.6	-	-	86.9	-	-	-	-	-
78.7	112.2	-	-	98.8	-	-	86.9	-	-	75.2	-	-
85.3	108.2	-	-	97.0	-	-	86.2	-	-	75.2	-	-
91.9	100.8	-	-	94.8	-	-	84.7	-	-	74.1	-	-
98.4	94.1	-	-	90.2	-	-	83.3	-	-	73.2	-	-
111.5	82.7	-	-	79.1	-	-	76.5	-	-	70.8	-	-
124.7	73.4	-	-	70.1	-	-	67.5	-	-	64.4	-	-
137.8	65.7	-	-	62.6	-	-	60.2	-	-	57.1	-	-
144.4	62.4	40.6	-	59.3	-	-	56.9	-	-	54.0	-	-
150.9	59.3	38.1	-	56.2	35.1	-	53.8	-	-	50.9	-	-
164.0	52.7	33.5	-	50.7	30.9	-	48.5	28.7	-	45.6	-	-
177.2	47.0	28.9	-	45.9	27.1	-	43.9	25.1	-	41.2	22.3	-
190.3	42.3	25.1	-	41.0	23.4	-	39.9	22.0	-	37.0	19.4	-
203.4	-	21.8	-	36.8	20.1	-	35.9	19.2	-	33.5	16.3	-
216.5	-	19.2	7.1	30.6	17.2	-	32.2	16.3	-	30.2	13.9	-
223.1	-	17.9	6.0	-	16.1	-	28.0	15.0	-	28.5	12.8	-
229.7	-	16.8	-	-	14.8	-	26.5	13.9	-	26.9	11.5	-
242.8	-	-	-	-	12.8	-	-	11.7	-	24.0	9.5	-
255.9	-	-	-	-	-	-	-	9.9	-	-	7.5	-
269.0	-	-	-	-	-	-	-	8.4	-	-	6.0	-
282.2	-	-	-	-	-	-	-	-	-	-	-	-

Remarks: Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

STERLING CRANE

SW

352,700 lb + 88,200 lb ZB  23'9" 360° ISO

 236.2 ft

ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
42.7	198.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45.9	198.0	-	-	173.3	-	-	-	-	-	-	-	-	-	-	-
52.5	193.6	-	-	173.3	-	-	149.5	-	-	-	-	-	-	-	-
55.8	183.9	-	-	170.4	-	-	149.5	-	-	131.6	-	-	-	-	-
59.1	175.3	-	-	167.8	-	-	149.5	-	-	131.6	-	-	114.2	-	-
65.6	159.8	-	-	153.7	-	-	145.3	-	-	129.9	-	-	114.2	-	-
72.2	147.0	-	-	141.3	-	-	135.8	-	-	126.5	-	-	112.9	-	-
78.7	136.0	-	-	130.5	-	-	125.7	-	-	120.8	-	-	110.2	-	-
85.3	126.5	-	-	121.5	-	-	116.6	-	-	112.0	-	-	107.4	-	-
91.9	118.6	-	-	113.3	-	-	108.7	-	-	104.5	-	-	100.5	-	-
98.4	104.9	-	-	106.3	-	-	101.9	-	-	97.7	-	-	93.9	-	-
111.5	-	68.1	-	93.9	-	-	90.2	-	-	86.2	-	-	82.7	-	-
118.1	-	63.5	-	82.7	60.2	-	85.1	-	-	81.4	-	-	77.8	-	-
124.7	-	58.9	-	-	55.8	-	80.2	53.1	-	76.9	-	-	73.6	-	-
131.2	-	54.5	-	-	51.6	-	74.7	49.8	-	72.8	46.5	-	69.7	-	-
137.8	-	50.7	-	-	47.8	-	66.1	46.1	-	68.1	43.2	-	65.9	-	-
144.4	-	47.4	-	-	44.5	-	-	42.8	-	63.7	39.9	-	62.6	38.4	-
150.9	-	-	-	-	41.4	-	-	39.9	-	60.0	37.0	-	59.7	36.2	-
157.5	-	-	24.5	-	38.8	-	-	37.0	-	53.1	34.2	-	56.2	33.7	-
164.0	-	-	22.7	-	36.6	-	-	34.6	-	-	31.7	-	52.9	31.3	-
177.2	-	-	19.6	-	-	16.5	-	30.4	-	-	27.6	-	44.3	27.1	-
190.3	-	-	-	-	-	13.9	-	-	11.9	-	24.0	8.8	-	23.4	-
203.4	-	-	-	-	-	12.1	-	-	9.9	-	-	6.8	-	20.5	-
210.0	-	-	-	-	-	-	-	-	9.0	-	-	6.0	-	19.2	-
216.5	-	-	-	-	-	-	-	-	8.4	-	-	-	-	17.9	-

ft	177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb											
65.6	100.3	-	-	-	-	-	-	-	-	-	-	-
72.2	100.3	-	-	86.9	-	-	76.5	-	-	-	-	-
78.7	98.1	-	-	86.9	-	-	76.5	-	-	65.0	-	-
85.3	97.2	-	-	85.3	-	-	75.8	-	-	65.0	-	-
91.9	93.7	-	-	84.2	-	-	74.5	-	-	64.6	-	-
98.4	90.4	-	-	81.8	-	-	74.5	-	-	63.5	-	-
111.5	79.6	-	-	76.1	-	-	70.3	-	-	62.4	-	-
124.7	70.8	-	-	67.5	-	-	64.8	-	-	58.9	-	-
137.8	63.3	-	-	60.2	-	-	57.8	-	-	54.7	-	-
150.9	56.9	33.3	-	54.0	-	-	51.8	-	-	48.7	-	-
157.5	54.2	31.3	-	51.1	28.2	-	48.9	-	-	46.1	-	-
164.0	51.6	29.5	-	48.7	26.5	-	46.5	24.3	-	43.7	-	-
177.2	46.3	25.6	-	44.1	23.1	-	42.1	21.2	-	39.2	18.1	-
190.3	41.7	22.0	-	40.1	20.3	-	38.1	18.3	-	35.5	15.4	-
203.4	-	19.0	-	36.2	17.2	-	34.6	15.9	-	32.0	12.8	-
216.5	-	16.3	-	29.5	14.6	-	31.5	13.7	-	28.9	10.4	-
229.7	-	14.1	-	-	12.3	-	28.4	11.2	-	26.2	8.6	-
242.8	-	-	-	-	10.4	-	-	9.3	-	23.6	6.8	-
255.9	-	-	-	-	8.8	-	-	7.5	-	18.3	-	-
269.0	-	-	-	-	-	-	-	6.0	-	-	-	-
282.2	-	-	-	-	-	-	-	-	-	-	-	-

Remarks

Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1