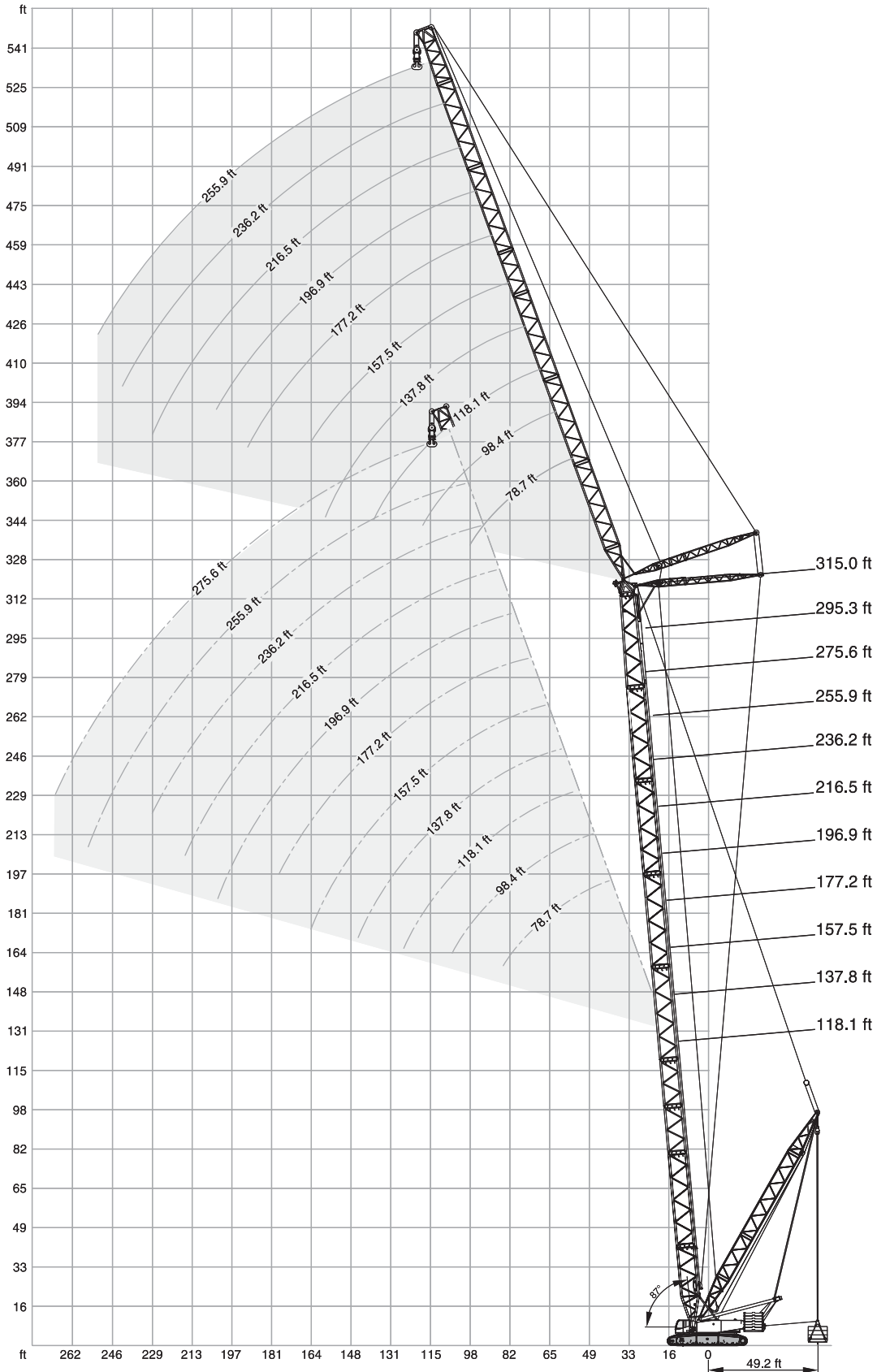




## LIFTING CHARTS - Crawler Cranes

### DEMAG MODEL CC2400-1 - 440 TON CAPACITY

#### SWSL



# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

118.1 ft + 78.7 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
36.1	-	418.9*	-	-	-	-
39.4	-	418.9*	-	-	-	-
45.9	-	418.9*	-	-	-	-
52.5	-	418.9*	-	-	-	-
59.1	-	418.9*	-	-	-	-
65.6	-	418.9	-	-	-	-
72.2	-	364.9	-	-	-	-
78.7	-	321.9	368.2	-	-	-
85.3	-	287.7	336.2	-	-	-
91.9	-	242.5	308.6	-	-	-
98.4	-	-	284.4	-	-	-
111.5	-	-	246.9	239.2	-	-
124.7	-	-	-	211.0	-	-
131.2	-	-	-	198.9	-	-
137.8	-	-	-	-	184.3	-
150.9	-	-	-	-	166.0	-
164.0	-	-	-	-	-	-

118.1 ft + 118.1 ft

ft	0 lb		1,000 lb			
	45.9	-	349.4*	-	-	-
52.5	-	352.7	-	-	-	-
59.1	-	349.4	-	-	-	-
65.6	-	339.5	-	-	-	-
72.2	-	326.3	-	-	-	-
78.7	-	309.7	-	-	-	-
85.3	-	292.1	-	-	-	-
91.9	-	273.4	299.8	-	-	-
98.4	-	248.0	282.2	-	-	-
111.5	-	208.3	243.6	-	-	-
124.7	-	167.6	215.0	-	-	-
131.2	-	146.6	202.6	195.8	-	-
137.8	-	-	191.4	185.0	-	-
150.9	-	-	160.1	166.4	-	-
164.0	-	-	-	151.0	145.3	-
177.2	-	-	-	-	134.7	-
190.3	-	-	-	-	123.9	110.5
203.4	-	-	-	-	-	105.8
216.5	-	-	-	-	-	-

### Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

118.1 ft + 157.5 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
52.5	-	249.1*	-	-	-	-
59.1	-	246.9*	-	-	-	-
65.6	-	248.0	-	-	-	-
72.2	-	241.4	-	-	-	-
78.7	-	233.7	-	-	-	-
85.3	-	223.8	-	-	-	-
91.9	-	213.2	-	-	-	-
98.4	-	203.3	-	-	-	-
111.5	-	183.6	211.9	-	-	-
124.7	-	163.8	197.5	-	-	-
137.8	-	149.0	177.7	-	-	-
150.9	-	132.1	158.3	158.5	-	-
164.0	-	110.2	142.2	146.2	-	-
177.2	-	-	128.5	133.6	-	-
190.3	-	-	107.8	122.8	112.4	-
203.4	-	-	-	113.3	109.3	-
216.5	-	-	-	-	102.3	-
229.7	-	-	-	-	-	90.2
242.8	-	-	-	-	-	85.8

118.1 ft + 196.9 ft

ft	0 lb		1,000 lb			
	62.3	-	175.3*	-	-	-
65.6	-	175.3*	-	-	-	-
72.2	-	171.7	-	-	-	-
78.7	-	171.7	-	-	-	-
85.3	-	168.2	-	-	-	-
91.9	-	164.5	-	-	-	-
98.4	-	160.7	-	-	-	-
111.5	-	152.8	-	-	-	-
124.7	-	145.1	152.1	-	-	-
137.8	-	137.3	149.5	-	-	-
150.9	-	129.6	143.7	-	-	-
164.0	-	118.8	135.6	-	-	-
177.2	-	106.5	126.8	130.1	-	-
190.3	-	92.6	114.0	119.9	-	-
203.4	-	78.5	102.3	110.7	-	-
216.5	-	-	92.2	102.5	-	-
229.7	-	-	-	95.2	92.2	-
242.8	-	-	-	88.4	86.0	-
255.9	-	-	-	-	80.5	67.2
269.0	-	-	-	-	-	65.7
282.2	-	-	-	-	-	62.8

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB    29'6" - 49'3"    23'9"    360°    ISO

118.1 ft + 236.2 ft

	0 lb	0 lb - 551,000 lb				
	29'6"	29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
72.2	-	117.9*	-	-	-	-
78.7	-	117.1*	-	-	-	-
85.3	-	115.7	-	-	-	-
91.9	-	114.9	-	-	-	-
98.4	-	113.1	-	-	-	-
111.5	-	109.6	-	-	-	-
124.7	-	106.0	-	-	-	-
137.8	-	103.0	-	-	-	-
144.4	-	101.4	103.8	-	-	-
150.9	-	99.9	103.2	-	-	-
164.0	-	96.6	101.0	-	-	-
177.2	-	93.7	99.0	-	-	-
190.3	-	87.5	96.8	-	-	-
203.4	-	81.4	94.8	91.7	-	-
216.5	-	75.0	90.6	91.3	-	-
229.7	-	66.6	82.0	89.7	-	-
242.8	-	56.9	74.5	86.2	-	-
255.9	-	-	67.2	78.5	71.0	-
269.0	-	-	-	71.7	67.9	-
282.2	-	-	-	65.3	65.0	-
295.3	-	-	-	-	62.4	56.2
308.4	-	-	-	-	-	53.8
321.5	-	-	-	-	-	-

118.1 ft + 275.6 ft

ft	1,000 lb					
85.3	-	81.8*	-	-	-	-
91.9	-	80.2*	-	-	-	-
98.4	-	79.4	-	-	-	-
111.5	-	76.7	-	-	-	-
124.7	-	74.1	-	-	-	-
137.8	-	71.2	-	-	-	-
150.9	-	69.0	-	-	-	-
164.0	-	66.8	68.1	-	-	-
177.2	-	64.8	66.8	-	-	-
190.3	-	62.6	65.3	-	-	-
203.4	-	60.4	63.7	-	-	-
216.5	-	57.8	62.4	-	-	-
229.7	-	55.1	60.8	58.6	-	-
242.8	-	52.5	59.5	58.0	-	-
255.9	-	49.8	57.5	57.1	-	-
269.0	-	47.2	55.3	56.0	-	-
282.2	-	41.7	53.4	55.1	52.2	-
295.3	-	-	50.0	52.7	52.2	-
308.4	-	-	-	50.5	52.0	-
321.5	-	-	-	48.1	50.9	45.2
334.6	-	-	-	-	48.9	45.0
347.8	-	-	-	-	-	43.4
360.9	-	-	-	-	-	-

137.8 ft + 78.7 ft

	0 lb	0 lb - 551,000 lb				
	29'6"	29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
36.1	-	418.9*	-	-	-	-
39.4	-	418.9*	-	-	-	-
45.9	277.8	418.9*	-	-	-	-
52.5	245.8	418.9*	-	-	-	-
59.1	220.2	418.9*	-	-	-	-
65.6	199.3	418.9	-	-	-	-
72.2	179.9	377.0	-	-	-	-
78.7	160.7	331.8	-	-	-	-
85.3	145.1	295.4	332.9	-	-	-
91.9	131.8	250.2	305.3	-	-	-
98.4	-	-	282.2	-	-	-
111.5	-	-	243.6	-	-	-
118.1	-	-	228.2	220.2	-	-
124.7	-	-	-	207.0	-	-
137.8	-	-	-	184.5	-	-
150.9	-	-	-	-	161.6	-
157.5	-	-	-	-	153.9	-

137.8 ft + 118.1 ft

ft	1,000 lb					
45.9	-	328.5*	-	-	-	-
52.5	-	327.4*	-	-	-	-
55.8	215.0	334.0	-	-	-	-
59.1	203.9	334.0	-	-	-	-
65.6	184.7	327.4	-	-	-	-
72.2	168.7	316.4	-	-	-	-
78.7	155.0	303.1	-	-	-	-
85.3	142.0	285.5	-	-	-	-
91.9	128.8	270.1	-	-	-	-
98.4	117.7	254.6	278.9	-	-	-
111.5	99.9	211.4	241.4	-	-	-
124.7	86.4	169.5	212.3	-	-	-
131.2	80.9	149.3	200.2	-	-	-
137.8	-	-	189.2	181.2	-	-
150.9	-	-	170.2	162.9	-	-
157.5	-	-	152.3	155.0	-	-
164.0	-	-	-	147.7	-	-
177.2	-	-	-	135.1	130.7	-
190.3	-	-	-	-	120.2	-

### Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB    29'6" - 49'3"    23'9"    360°    ISO

137.8 ft + 157.5 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
55.8	-	233.7*	-	-	-	-
59.1	-	233.7*	-	-	-	-
65.6	172.0	234.8	-	-	-	-
72.2	157.0	232.6	-	-	-	-
78.7	144.4	227.1	-	-	-	-
85.3	133.4	219.6	-	-	-	-
91.9	123.9	210.5	-	-	-	-
98.4	115.3	201.3	-	-	-	-
111.5	97.7	183.0	-	-	-	-
118.1	90.4	173.7	204.1	-	-	-
124.7	84.0	164.7	199.5	-	-	-
137.8	73.4	149.7	182.1	-	-	-
150.9	64.8	132.9	163.8	-	-	-
164.0	57.8	110.9	146.2	143.1	-	-
177.2	-	-	132.7	130.5	-	-
190.3	-	-	114.6	119.9	-	-
203.4	-	-	-	110.7	106.7	-
216.5	-	-	-	102.7	98.8	-
229.7	-	-	-	-	91.9	-
242.8	-	-	-	-	-	75.4
255.9	-	-	-	-	-	72.1

137.8 ft + 196.9 ft

ft	1,000 lb				
62.3	-	168.0*	-	-	-
65.6	-	168.0*	-	-	-
72.2	-	164.7*	-	-	-
78.7	134.7	165.6	-	-	-
85.3	124.6	162.3	-	-	-
91.9	115.5	159.2	-	-	-
98.4	107.6	155.9	-	-	-
111.5	94.1	149.3	-	-	-
124.7	81.8	142.2	-	-	-
131.2	76.1	138.7	146.8	-	-
137.8	71.0	135.1	146.8	-	-
150.9	62.4	128.1	142.4	-	-
164.0	55.3	119.0	136.2	-	-
177.2	49.4	107.1	128.3	-	-
190.3	44.3	92.6	120.6	117.3	-
203.4	40.1	78.5	110.0	108.0	-
216.5	-	-	96.1	99.9	-
229.7	-	-	82.2	92.8	80.7
242.8	-	-	-	86.6	78.9
255.9	-	-	-	81.1	75.4
269.0	-	-	-	-	72.1
282.2	-	-	-	-	61.9
295.3	-	-	-	-	59.3

137.8 ft + 236.2 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
72.2	-	114.4*	-	-	-	-
78.7	-	113.5*	-	-	-	-
85.3	107.8	112.4	-	-	-	-
91.9	107.8	111.8	-	-	-	-
98.4	100.3	110.0	-	-	-	-
111.5	87.7	106.9	-	-	-	-
124.7	77.4	103.6	-	-	-	-
137.8	68.8	100.8	-	-	-	-
150.9	60.0	97.9	100.8	-	-	-
164.0	52.9	95.2	99.4	-	-	-
177.2	47.0	92.6	97.7	-	-	-
190.3	41.9	87.7	95.9	-	-	-
203.4	37.3	82.2	93.9	-	-	-
216.5	33.1	76.3	92.2	89.1	-	-
229.7	29.5	66.6	88.2	89.1	-	-
242.8	26.5	56.7	79.1	83.8	-	-
255.9	-	-	69.7	78.3	-	-
269.0	-	-	60.0	73.2	67.5	-
282.2	-	-	-	68.8	64.8	-
295.3	-	-	-	-	61.5	-
308.4	-	-	-	-	58.0	52.9
321.5	-	-	-	-	-	50.7
334.6	-	-	-	-	-	-

137.8 ft + 275.6 ft

ft	1,000 lb				
85.3	-	79.4*	-	-	-
91.9	-	78.0*	-	-	-
98.4	73.9	77.2	-	-	-
111.5	72.5	75.2	-	-	-
124.7	70.5	72.5	-	-	-
137.8	63.3	70.1	-	-	-
150.9	56.2	67.9	-	-	-
164.0	50.3	65.9	65.7	-	-
177.2	45.2	63.7	65.0	-	-
190.3	40.1	61.7	63.5	-	-
203.4	35.3	59.7	62.2	-	-
216.5	31.1	57.8	60.8	-	-
229.7	27.1	55.6	59.7	56.7	-
242.8	23.8	53.4	58.6	56.7	-
255.9	20.9	51.1	56.9	56.4	-
269.0	18.3	48.7	54.5	55.6	-
282.2	15.9	41.2	52.0	54.9	-
295.3	-	-	49.6	53.6	50.9
308.4	-	-	44.3	51.6	50.9
321.5	-	-	-	49.4	50.9
334.6	-	-	-	-	49.2
347.8	-	-	-	-	46.3
360.9	-	-	-	-	40.8

### Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

157.5 ft + 78.7 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
39.4	312.0*	407.9*	-	-	-	-
45.9	272.3*	407.9*	-	-	-	-
52.5	241.4*	407.9	-	-	-	-
59.1	216.9*	407.9	-	-	-	-
65.6	196.7*	396.8	-	-	-	-
72.2	179.9*	380.3	-	-	-	-
78.7	162.7*	341.7	-	-	-	-
85.3	146.8*	303.1	328.5	-	-	-
91.9	133.6*	264.6	302.0	-	-	-
98.4	-	-	278.9	-	-	-
111.5	-	-	241.4	-	-	-
124.7	-	-	212.3	202.6	-	-
137.8	-	-	-	180.6	-	-
150.9	-	-	-	162.5	-	-
157.5	-	-	-	-	149.3	-
164.0	-	-	-	-	142.2	-
177.2	-	-	-	-	-	-

157.5 ft + 118.1 ft

ft	0 lb		1,000 lb			
	45.9	250.2*	300.9*	-	-	-
52.5	222.7*	298.7*	-	-	-	-
59.1	201.1*	306.4	-	-	-	-
65.6	182.5*	300.9	-	-	-	-
72.2	166.9*	294.3	-	-	-	-
78.7	153.7*	286.6	-	-	-	-
85.3	142.4*	274.5	-	-	-	-
91.9	130.7*	262.4	-	-	-	-
98.4	119.5*	251.3	-	-	-	-
105.0	109.8*	237.0	255.7	-	-	-
111.5	101.4*	218.0	238.1	-	-	-
124.7	87.7*	175.7	209.7	-	-	-
131.2	79.8	155.6	197.5	-	-	-
137.8	-	-	186.5	-	-	-
150.9	-	-	167.8	159.2	-	-
157.5	-	-	159.6	151.2	-	-
164.0	-	-	-	144.2	-	-
177.2	-	-	-	131.8	-	-
190.3	-	-	-	-	116.0	-
203.4	-	-	-	-	107.1	-
216.5	-	-	-	-	-	-

### Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

157.5 ft + 157.5 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
55.8	196.7*	215.6*	-	-	-	-
59.1	187.0*	215.6*	-	-	-	-
65.6	170.0*	216.9	-	-	-	-
72.2	155.6*	216.7	-	-	-	-
78.7	143.3*	214.1	-	-	-	-
85.3	132.5*	209.0	-	-	-	-
91.9	123.2*	201.7	-	-	-	-
98.4	114.9*	193.8	-	-	-	-
111.5	99.2*	177.9	-	-	-	-
118.1	91.9*	170.0	197.5	-	-	-
124.7	85.5*	162.0	196.9	-	-	-
137.8	74.5*	147.9	181.2	-	-	-
150.9	65.9*	134.9	162.9	-	-	-
164.0	58.9*	114.4	147.7	-	-	-
177.2	-	-	134.9	127.2	-	-
190.3	-	-	123.5	116.8	-	-
203.4	-	-	-	107.8	-	-
216.5	-	-	-	99.9	95.2	-
229.7	-	-	-	-	88.4	-
242.8	-	-	-	-	82.7	-
255.9	-	-	-	-	-	70.1
269.0	-	-	-	-	-	67.0
282.2	-	-	-	-	-	-

157.5 ft + 196.9 ft

ft	0 lb		1,000 lb			
	65.6	150.6*	155.0*	-	-	-
72.2	145.3*	153.4*	-	-	-	-
78.7	133.8*	153.4	-	-	-	-
85.3	123.7*	152.3	-	-	-	-
91.9	114.9*	149.9	-	-	-	-
98.4	107.1*	147.3	-	-	-	-
111.5	93.9*	141.5	-	-	-	-
124.7	83.3*	135.4	-	-	-	-
137.8	72.5*	129.2	139.6	-	-	-
150.9	63.7*	123.0	137.8	-	-	-
164.0	56.4*	115.7	133.6	-	-	-
177.2	50.3*	108.0	127.4	-	-	-
190.3	45.2*	95.0	121.5	113.8	-	-
203.4	41.0*	80.9	112.0	104.9	-	-
216.5	-	-	101.6	97.2	-	-
229.7	-	-	88.2	90.2	-	-
242.8	-	-	-	84.2	75.6	-
255.9	-	-	-	78.7	73.9	-
269.0	-	-	-	-	69.7	-
282.2	-	-	-	-	65.5	-
288.7	-	-	-	-	-	58.6
295.3	-	-	-	-	-	57.3
308.4	-	-	-	-	-	54.5

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

157.5 ft + 236.2 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
72.2	102.7*	107.6*	-	-	-	-
78.7	102.7*	107.6*	-	-	-	-
85.3	101.9*	105.8*	-	-	-	-
91.9	102.5	106.3	-	-	-	-
98.4	100.1*	104.9	-	-	-	-
111.5	87.5*	102.1	-	-	-	-
124.7	77.4*	99.4	-	-	-	-
137.8	68.8*	96.8	-	-	-	-
150.9	61.3*	94.4	-	-	-	-
157.5	57.5*	93.3	95.7	-	-	-
164.0	54.0*	92.2	95.5	-	-	-
177.2	48.1*	89.7	94.4	-	-	-
190.3	42.8*	86.0	93.0	-	-	-
203.4	38.4*	81.4	91.7	-	-	-
216.5	34.4*	76.9	90.2	85.3	-	-
229.7	30.9*	68.1	88.0	85.3	-	-
242.8	27.6*	58.4	82.7	81.4	-	-
255.9	-	-	73.6	75.8	-	-
269.0	-	-	64.2	70.8	63.7	-
282.2	-	-	-	66.6	62.4	-
295.3	-	-	-	62.6	58.4	-
308.4	-	-	-	-	55.1	-
321.5	-	-	-	-	52.0	48.1
334.6	-	-	-	-	-	45.4
347.8	-	-	-	-	-	43.0

157.5 ft + 275.6 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
85.3	71.2*	75.4*	-	-	-	-
91.9	71.0*	74.7*	-	-	-	-
98.4	70.5	74.1	-	-	-	-
111.5	69.9	72.3	-	-	-	-
124.7	68.3	69.9	-	-	-	-
137.8	63.3*	67.7	-	-	-	-
150.9	56.4*	65.7	-	-	-	-
164.0	50.5*	63.9	-	-	-	-
177.2	45.4*	61.9	62.8	-	-	-
190.3	40.8*	60.2	61.7	-	-	-
203.4	36.6*	58.4	60.6	-	-	-
216.5	32.4*	56.7	59.7	-	-	-
229.7	28.7*	54.9	58.6	-	-	-
242.8	25.1*	53.1	57.5	54.2	-	-
255.9	22.0*	51.1	56.4	54.2	-	-
269.0	19.4*	49.4	54.5	54.2	-	-
282.2	17.0*	42.8	52.2	53.8	-	-
295.3	-	-	50.0	53.4	-	-
308.4	-	-	47.6	52.0	47.0	-
321.5	-	-	-	50.3	47.0	-
334.6	-	-	-	48.3	46.5	-
347.8	-	-	-	-	43.9	38.8
360.9	-	-	-	-	41.4	37.9
374.0	-	-	-	-	-	35.7
387.1	-	-	-	-	-	-

177.2 ft + 78.7 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
39.4	297.6*	379.2*	-	-	-	-
45.9	260.1*	379.2*	-	-	-	-
52.5	231.5*	379.2	-	-	-	-
59.1	208.8*	374.8	-	-	-	-
65.6	189.8*	360.5	-	-	-	-
72.2	173.9*	347.2	-	-	-	-
78.7	160.5*	332.9	-	-	-	-
85.3	145.7*	308.6	-	-	-	-
91.9	132.5*	276.7	297.6	-	-	-
98.4	117.9	230.4	274.5	-	-	-
111.5	-	-	238.1	-	-	-
124.7	-	-	209.4	-	-	-
131.2	-	-	-	186.5	-	-
137.8	-	-	-	176.1	-	-
150.9	-	-	-	158.5	-	-
157.5	-	-	-	151.0	-	-
164.0	-	-	-	-	-	-

177.2 ft + 118.1 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
49.2	227.1*	278.9*	-	-	-	-
52.5	214.7*	275.6*	-	-	-	-
59.1	193.6*	278.9	-	-	-	-
65.6	176.1*	275.6	-	-	-	-
72.2	161.4*	270.1	-	-	-	-
78.7	148.6*	263.5	-	-	-	-
85.3	137.8*	255.7	-	-	-	-
91.9	128.3*	249.1	-	-	-	-
98.4	118.6*	241.4	-	-	-	-
111.5	100.5*	221.6	234.8	-	-	-
124.7	87.1*	181.4	206.6	-	-	-
137.8	73.9	139.8	183.9	-	-	-
150.9	-	-	165.1	-	-	-
157.5	-	-	157.2	147.5	-	-
164.0	-	-	149.9	140.4	-	-
177.2	-	-	-	128.1	-	-
190.3	-	-	-	117.7	-	-
203.4	-	-	-	-	103.0	-
216.5	-	-	-	-	95.5	-

### Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

177.2 ft + 157.5 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
55.8	189.2*	202.6*	-	-	-	-
59.1	179.9*	202.6*	-	-	-	-
65.6	163.8*	200.4*	-	-	-	-
72.2	150.1*	204.8	-	-	-	-
78.7	138.5*	202.2	-	-	-	-
85.3	128.1*	199.1	-	-	-	-
91.9	119.3*	194.0	-	-	-	-
98.4	111.3*	188.3	-	-	-	-
111.5	98.1*	174.2	-	-	-	-
124.7	84.7*	160.1	187.8	-	-	-
137.8	73.9*	146.8	178.6	-	-	-
150.9	65.3*	134.7	160.5	-	-	-
164.0	58.2*	117.5	145.5	-	-	-
177.2	-	-	132.7	123.7	-	-
190.3	-	-	121.9	113.5	-	-
203.4	-	-	110.5	104.7	-	-
216.5	-	-	-	97.0	-	-
229.7	-	-	-	90.2	84.0	-
242.8	-	-	-	-	79.1	-
255.9	-	-	-	-	74.1	-
269.0	-	-	-	-	-	64.2
282.2	-	-	-	-	-	60.8
295.3	-	-	-	-	-	-

177.2 ft + 196.9 ft

ft	1,000 lb			
65.6	142.2*	146.8*	-	-
72.2	140.0*	145.5*	-	-
78.7	129.2*	146.6	-	-
85.3	119.5*	145.7	-	-
91.9	111.1*	143.7	-	-
98.4	103.6*	141.5	-	-
111.5	91.1*	136.5	-	-
124.7	80.7*	130.7	-	-
137.8	71.9*	125.2	-	-
144.4	67.2*	122.4	133.8	-
150.9	63.1*	119.5	133.4	-
164.0	55.8*	113.5	130.5	-
177.2	49.8*	106.7	126.1	-
190.3	44.8*	97.0	119.5	-
203.4	40.3*	83.1	110.0	101.9
216.5	-	-	101.9	94.1
229.7	-	-	93.5	87.3
242.8	-	-	79.6	81.4
255.9	-	-	-	76.1
269.0	-	-	-	71.0
282.2	-	-	-	71.4
295.3	-	-	-	66.4
308.4	-	-	-	62.2
321.5	-	-	-	58.6
347.8	-	-	-	50.7
360.9	-	-	-	48.1

### Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

177.2 ft + 236.2 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
78.7	98.3*	103.2*	-	-	-	-
85.3	97.9*	101.6*	-	-	-	-
91.9	98.8	101.6	-	-	-	-
98.4	96.3*	101.2	-	-	-	-
111.5	84.7*	98.5	-	-	-	-
124.7	74.7*	96.1	-	-	-	-
137.8	66.6*	93.9	-	-	-	-
150.9	59.5*	91.7	-	-	-	-
157.5	56.4*	90.6	92.6	-	-	-
164.0	53.6*	89.5	92.6	-	-	-
177.2	47.4*	87.3	92.2	-	-	-
190.3	42.3*	84.2	91.1	-	-	-
203.4	37.9*	80.2	89.7	-	-	-
216.5	33.7*	76.3	88.4	-	-	-
229.7	30.4*	69.7	86.9	80.5	-	-
242.8	27.1*	60.0	82.9	78.5	-	-
255.9	-	-	77.4	73.2	-	-
269.0	-	-	68.1	68.3	-	-
282.2	-	-	58.2	64.2	59.1	-
295.3	-	-	-	60.2	55.3	-
308.4	-	-	-	56.7	52.0	-
321.5	-	-	-	-	48.9	-
334.6	-	-	-	-	46.3	41.9
347.8	-	-	-	-	-	39.5
360.9	-	-	-	-	-	37.5

177.2 ft + 275.6 ft

ft	1,000 lb			
85.3	68.6*	72.3*	-	-
91.9	68.6*	71.9*	-	-
98.4	68.1	70.8*	-	-
111.5	67.9	69.9	-	-
124.7	65.5	68.1	-	-
137.8	61.1*	65.9	-	-
150.9	54.5*	64.2	-	-
164.0	48.7*	62.4	-	-
177.2	43.7*	60.6	60.8	-
190.3	39.2*	58.9	60.4	-
203.4	35.5*	57.3	59.7	-
216.5	32.0*	55.6	59.1	-
229.7	28.2*	54.0	58.0	-
242.8	24.9*	52.5	56.9	-
255.9	21.8*	50.7	56.0	52.7
269.0	19.2*	49.2	54.2	52.7
282.2	16.8*	44.1	52.2	52.5
295.3	-	-	50.3	52.5
308.4	-	-	48.3	52.5
321.5	-	-	-	44.5
334.6	-	-	-	44.5
347.8	-	-	-	48.3
360.9	-	-	-	43.9
374.0	-	-	-	41.2
387.1	-	-	-	38.8
400.3	-	-	-	37.6
				31.7
				29.5
				27.6

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

196.9 ft + 78.7 ft

0 lb		0 lb - 551,000 lb				
29'6"		29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
39.4	283.3*	339.5*	-	-	-	-
45.9	249.1*	335.1*	-	-	-	-
52.5	222.7*	342.8	-	-	-	-
59.1	200.8*	332.9	-	-	-	-
65.6	183.0*	320.8	-	-	-	-
72.2	167.8*	308.6	-	-	-	-
78.7	155.0*	296.5	-	-	-	-
85.3	144.2*	283.3	-	-	-	-
91.9	131.4*	267.9	-	-	-	-
98.4	116.4	243.6	271.2	-	-	-
111.5	-	-	233.7	-	-	-
124.7	-	-	206.4	-	-	-
131.2	-	-	194.4	-	-	-
144.4	-	-	-	162.5	-	-
150.9	-	-	-	154.3	-	-
164.0	-	-	-	140.0	-	-
177.2	-	-	-	-	-	-

196.9 ft + 118.1 ft

		1,000 lb				
49.2	217.6*	246.9*	-	-	-	-
52.5	206.1*	246.9*	-	-	-	-
59.1	186.3*	249.1	-	-	-	-
65.6	169.8*	246.9	-	-	-	-
72.2	155.6*	241.4	-	-	-	-
78.7	143.5*	235.9	-	-	-	-
85.3	133.2*	229.3	-	-	-	-
91.9	124.1*	222.7	-	-	-	-
98.4	116.2*	216.7	-	-	-	-
111.5	99.6*	202.4	231.5	-	-	-
124.7	86.2*	186.1	203.3	-	-	-
137.8	72.5	146.4	180.8	-	-	-
150.9	-	-	162.5	-	-	-
164.0	-	-	147.3	136.5	-	-
177.2	-	-	-	124.3	-	-
190.3	-	-	-	114.2	-	-
203.4	-	-	-	105.4	-	-
216.5	-	-	-	-	91.3	-
229.7	-	-	-	-	84.9	-

### Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

196.9 ft + 157.5 ft

0 lb		0 lb - 551,000 lb				
29'6"		29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
59.1	173.1*	183.0*	-	-	-	-
65.6	157.6*	181.4*	-	-	-	-
72.2	144.8*	185.0	-	-	-	-
78.7	133.6*	182.5	-	-	-	-
85.3	123.9*	179.9	-	-	-	-
91.9	115.3*	176.6	-	-	-	-
98.4	107.6*	173.1	-	-	-	-
111.5	94.8*	162.9	-	-	-	-
124.7	84.0*	152.8	-	-	-	-
131.2	78.3*	147.9	174.6	-	-	-
137.8	73.2*	142.6	174.2	-	-	-
150.9	64.6*	131.8	157.9	-	-	-
164.0	57.5*	120.6	142.9	-	-	-
177.2	49.4	97.9	130.3	-	-	-
190.3	-	-	119.7	110.0	-	-
203.4	-	-	110.5	101.4	-	-
216.5	-	-	-	93.9	-	-
229.7	-	-	-	87.3	-	-
242.8	-	-	-	81.6	75.2	-
255.9	-	-	-	-	70.3	-
269.0	-	-	-	-	66.1	-
282.2	-	-	-	-	-	56.7
295.3	-	-	-	-	-	53.6

196.9 ft + 196.9 ft

		1,000 lb				
65.6	131.2*	135.1*	-	-	-	-
72.2	131.2*	134.5*	-	-	-	-
78.7	124.3*	135.6	-	-	-	-
85.3	115.3*	135.6	-	-	-	-
91.9	107.1*	133.8	-	-	-	-
98.4	100.1*	132.1	-	-	-	-
111.5	88.0*	127.9	-	-	-	-
124.7	78.0*	123.0	-	-	-	-
137.8	69.7*	118.2	-	-	-	-
150.9	62.4*	113.3	124.6	-	-	-
164.0	55.1*	108.0	123.0	-	-	-
177.2	49.2*	102.5	120.4	-	-	-
190.3	44.1*	97.0	116.2	-	-	-
203.4	39.9*	85.1	108.0	-	-	-
216.5	-	-	99.9	91.1	-	-
229.7	-	-	92.8	84.4	-	-
242.8	-	-	85.3	78.5	-	-
255.9	-	-	-	73.4	-	-
269.0	-	-	-	68.8	62.8	-
282.2	-	-	-	-	58.9	-
295.3	-	-	-	-	55.3	-
308.4	-	-	-	-	52.2	-
321.5	-	-	-	-	-	44.3
334.6	-	-	-	-	-	41.9
347.8	-	-	-	-	-	-



# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

196.9 ft + 236.2 ft

ft	0 lb		0 lb - 551,000 lb				
	29'6"		29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°	
	1,000 lb						
78.7	92.2*	96.1*	-	-	-	-	-
85.3	91.7*	95.0*	-	-	-	-	-
91.9	92.6	95.2	-	-	-	-	-
98.4	90.4*	94.8	-	-	-	-	-
111.5	81.6*	92.8	-	-	-	-	-
124.7	72.1*	90.8	-	-	-	-	-
137.8	64.2*	88.8	-	-	-	-	-
150.9	57.5*	87.1	-	-	-	-	-
164.0	51.6*	85.1	87.3	-	-	-	-
177.2	46.7*	83.3	87.3	-	-	-	-
190.3	41.9*	80.9	87.1	-	-	-	-
203.4	37.3*	77.2	86.2	-	-	-	-
216.5	33.3*	73.4	85.1	-	-	-	-
229.7	29.8*	69.7	84.2	74.5	-	-	-
242.8	26.7*	61.5	81.8	74.5	-	-	-
255.9	-	-	78.0	70.3	-	-	-
269.0	-	-	71.7	65.7	-	-	-
282.2	-	-	62.4	61.5	-	-	-
295.3	-	-	-	57.8	52.2	-	-
308.4	-	-	-	54.2	48.9	-	-
321.5	-	-	-	-	46.1	-	-
334.6	-	-	-	-	43.4	-	-
347.8	-	-	-	-	41.0	35.5	-
360.9	-	-	-	-	-	33.3	-
374.0	-	-	-	-	-	31.1	-

196.9 ft + 275.6 ft

ft	0 lb		0 lb - 551,000 lb				
	29'6"		29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°	
	1,000 lb						
85.3	64.6*	68.3*	-	-	-	-	-
91.9	64.6*	67.9*	-	-	-	-	-
98.4	64.2*	66.8*	-	-	-	-	-
111.5	64.2	66.4	-	-	-	-	-
124.7	62.4	64.4	-	-	-	-	-
137.8	58.6*	62.6	-	-	-	-	-
150.9	52.2*	60.8	-	-	-	-	-
164.0	46.7*	59.3	-	-	-	-	-
177.2	41.9*	58.0	-	-	-	-	-
190.3	37.7*	56.4	58.2	-	-	-	-
203.4	34.0*	54.9	57.5	-	-	-	-
216.5	30.6*	53.4	56.7	-	-	-	-
229.7	27.6*	51.8	56.0	-	-	-	-
242.8	24.5*	50.3	55.1	-	-	-	-
255.9	21.4*	48.7	54.5	50.5	-	-	-
269.0	18.7*	47.0	53.4	50.5	-	-	-
282.2	16.3*	45.2	51.8	50.3	-	-	-
295.3	-	-	50.3	50.3	-	-	-
308.4	-	-	48.5	50.3	-	-	-
321.5	-	-	46.3	48.9	42.5	-	-
334.6	-	-	-	46.1	41.0	-	-
347.8	-	-	-	43.4	38.4	-	-
360.9	-	-	-	-	35.9	-	-
374.0	-	-	-	-	33.5	-	-
387.1	-	-	-	-	31.3	25.4	-
400.3	-	-	-	-	-	23.6	-
413.4	-	-	-	-	-	21.8	-
426.5	-	-	-	-	-	-	-

216.5 ft + 78.7 ft

ft	0 lb		0 lb - 551,000 lb				
	29'6"		29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°	
	1,000 lb						
42.7	253.5*	295.4*	-	-	-	-	-
45.9	239.2*	291.0*	-	-	-	-	-
52.5	213.8*	295.4	-	-	-	-	-
59.1	193.3*	288.8	-	-	-	-	-
65.6	176.4*	278.9	-	-	-	-	-
72.2	162.0*	269.0	-	-	-	-	-
78.7	149.9*	257.9	-	-	-	-	-
85.3	139.3*	248.0	-	-	-	-	-
91.9	130.5*	239.2	-	-	-	-	-
98.4	114.9	230.4	-	-	-	-	-
105.0	-	-	248.0	-	-	-	-
111.5	-	-	230.4	-	-	-	-
124.7	-	-	203.3	-	-	-	-
137.8	-	-	181.0	-	-	-	-
150.9	-	-	-	150.4	-	-	-
164.0	-	-	-	136.2	-	-	-
190.3	-	-	-	-	106.5	-	-
203.4	-	-	-	-	98.3	-	-
216.5	-	-	-	-	-	-	-

216.5 ft + 118.1 ft

ft	0 lb		0 lb - 551,000 lb				
	29'6"		29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°	
	1,000 lb						
49.2	208.8*	218.5*	-	-	-	-	-
52.5	198.0*	218.5*	-	-	-	-	-
59.1	179.2*	213.6*	-	-	-	-	-
65.6	163.6*	218.9	-	-	-	-	-
72.2	150.1*	214.3	-	-	-	-	-
78.7	138.7*	208.8	-	-	-	-	-
85.3	128.8*	203.0	-	-	-	-	-
91.9	120.2*	197.3	-	-	-	-	-
98.4	112.4*	191.4	-	-	-	-	-
111.5	98.8*	179.7	-	-	-	-	-
118.1	91.5*	174.4	208.3	-	-	-	-
124.7	85.3*	169.3	200.2	-	-	-	-
137.8	71.4	152.1	177.9	-	-	-	-
150.9	-	-	159.8	-	-	-	-
164.0	-	-	144.8	-	-	-	-
177.2	-	-	132.3	120.8	-	-	-
190.3	-	-	-	110.7	-	-	-
203.4	-	-	-	102.1	-	-	-
229.7	-	-	-	-	80.9	-	-
242.8	-	-	-	-	75.6	-	-
255.9	-	-	-	-	-	-	-

### Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

216.5 ft + 157.5 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
59.1	159.0*	164.5*	-	-	-	-
65.6	151.9*	162.9*	-	-	-	-
72.2	139.6*	165.3	-	-	-	-
78.7	128.8*	164.0	-	-	-	-
85.3	119.5*	161.4	-	-	-	-
91.9	111.3*	158.3	-	-	-	-
98.4	104.1*	155.2	-	-	-	-
111.5	91.7*	148.2	-	-	-	-
124.7	81.8*	141.1	-	-	-	-
137.8	72.5*	133.8	157.0	-	-	-
150.9	63.9*	125.7	154.8	-	-	-
164.0	56.9*	117.5	140.4	-	-	-
177.2	48.3	101.2	128.1	-	-	-
190.3	-	-	117.5	-	-	-
203.4	-	-	108.5	98.1	-	-
216.5	-	-	100.5	90.8	-	-
229.7	-	-	-	84.2	-	-
242.8	-	-	-	78.7	-	-
255.9	-	-	-	-	66.8	-
269.0	-	-	-	-	62.6	-
282.2	-	-	-	-	58.9	-
295.3	-	-	-	-	-	49.6
308.4	-	-	-	-	-	46.7

216.5 ft + 196.9 ft

ft	0 lb		1,000 lb			
	72.2	118.8*	123.0*	-	-	-
78.7	118.4*	121.5*	-	-	-	-
85.3	111.1*	123.7	-	-	-	-
91.9	103.4*	122.1	-	-	-	-
98.4	96.6*	120.8	-	-	-	-
111.5	84.9*	117.3	-	-	-	-
124.7	75.4*	113.3	-	-	-	-
137.8	67.5*	109.1	-	-	-	-
150.9	60.6*	104.7	114.9	-	-	-
164.0	54.7*	100.3	114.6	-	-	-
177.2	48.7*	95.7	113.3	-	-	-
190.3	43.7*	90.8	110.2	-	-	-
203.4	39.2*	86.0	106.0	-	-	-
216.5	33.1	72.5	98.1	84.7	-	-
229.7	-	-	91.1	81.6	-	-
242.8	-	-	84.9	75.8	-	-
255.9	-	-	-	70.8	-	-
269.0	-	-	-	66.1	-	-
282.2	-	-	-	62.2	55.8	-
295.3	-	-	-	-	52.2	-
308.4	-	-	-	-	49.2	-
321.5	-	-	-	-	46.3	-
334.6	-	-	-	-	-	38.1
347.8	-	-	-	-	-	35.7

### Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

216.5 ft + 236.2 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
78.7	85.5*	88.8*	-	-	-	-
85.3	85.5*	88.2*	-	-	-	-
91.9	86.2	88.4	-	-	-	-
98.4	84.4*	88.4	-	-	-	-
111.5	78.7*	86.9	-	-	-	-
124.7	69.4*	85.3	-	-	-	-
137.8	61.9*	83.6	-	-	-	-
150.9	55.3*	81.4	-	-	-	-
164.0	49.8*	79.6	-	-	-	-
177.2	45.0*	77.6	82.0	-	-	-
190.3	40.8*	75.4	82.0	-	-	-
203.4	36.6*	72.1	81.6	-	-	-
216.5	32.6*	69.0	80.5	-	-	-
229.7	29.3*	65.7	79.6	-	-	-
242.8	26.0*	62.4	78.7	69.0	-	-
255.9	-	-	75.8	67.7	-	-
269.0	-	-	71.7	63.3	-	-
282.2	-	-	66.1	59.1	-	-
295.3	-	-	-	55.3	-	-
308.4	-	-	-	52.0	45.9	-
321.5	-	-	-	48.9	43.0	-
334.6	-	-	-	-	40.6	-
347.8	-	-	-	-	38.1	-
360.9	-	-	-	-	35.9	28.9
374.0	-	-	-	-	-	26.9
387.1	-	-	-	-	-	25.1

216.5 ft + 275.6 ft

ft	0 lb		1,000 lb			
	85.3	60.2*	62.6*	-	-	-
91.9	60.2*	62.6*	-	-	-	-
98.4	59.7*	61.7*	-	-	-	-
111.5	60.0	61.5	-	-	-	-
124.7	59.1	60.2	-	-	-	-
137.8	56.4*	58.9	-	-	-	-
150.9	50.3*	57.5	-	-	-	-
164.0	45.0*	56.2	-	-	-	-
177.2	40.1*	54.9	-	-	-	-
190.3	36.2*	53.6	54.7	-	-	-
203.4	32.4*	52.2	54.5	-	-	-
216.5	29.1*	50.9	54.0	-	-	-
229.7	26.2*	49.2	53.6	-	-	-
242.8	23.6*	47.6	52.9	-	-	-
255.9	20.9*	46.1	52.2	-	-	-
269.0	18.3*	44.5	51.6	46.5	-	-
282.2	15.9*	43.0	50.7	46.5	-	-
295.3	-	-	49.4	46.5	-	-
308.4	-	-	48.1	46.5	-	-
321.5	-	-	46.7	46.5	-	-
334.6	-	-	-	43.9	37.7	-
347.8	-	-	-	41.2	34.8	-
360.9	-	-	-	39.0	32.4	-
374.0	-	-	-	-	30.2	-
387.1	-	-	-	-	28.0	-
400.3	-	-	-	-	-	19.6
413.4	-	-	-	-	-	18.1
426.5	-	-	-	-	-	16.5

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

236.2 ft + 78.7 ft

ft	0 lb		0 lb - 551,000 lb				
	29'6"		29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°	
	1,000 lb						
42.7	242.5*	255.7*	-	-	-	-	-
45.9	228.2*	252.4*	-	-	-	-	-
52.5	205.0*	254.6	-	-	-	-	-
59.1	185.8*	250.2	-	-	-	-	-
65.6	169.5*	242.5	-	-	-	-	-
72.2	156.1*	233.7	-	-	-	-	-
78.7	144.4*	224.9	-	-	-	-	-
85.3	134.5*	217.2	-	-	-	-	-
91.9	125.9*	209.2	-	-	-	-	-
98.4	112.0	201.7	-	-	-	-	-
111.5	-	-	227.1	-	-	-	-
124.7	-	-	199.5	-	-	-	-
137.8	-	-	177.7	-	-	-	-
144.4	-	-	168.2	-	-	-	-
157.5	-	-	-	138.5	-	-	-
164.0	-	-	-	131.8	-	-	-
177.2	-	-	-	120.4	-	-	-
203.4	-	-	-	-	93.5	-	-
216.5	-	-	-	-	86.6	-	-

236.2 ft + 118.1 ft

ft	0 lb		0 lb - 551,000 lb				
	29'6"		29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°	
	1,000 lb						
52.5	184.1*	192.2*	-	-	-	-	-
59.1	172.0*	187.6*	-	-	-	-	-
65.6	157.2*	192.0	-	-	-	-	-
72.2	144.6*	187.6	-	-	-	-	-
78.7	133.6*	183.0	-	-	-	-	-
85.3	124.1*	177.9	-	-	-	-	-
91.9	116.0*	172.6	-	-	-	-	-
98.4	108.5*	167.3	-	-	-	-	-
111.5	96.1*	157.2	-	-	-	-	-
124.7	84.4*	147.9	179.0	-	-	-	-
137.8	70.1	138.7	173.5	-	-	-	-
150.9	-	-	156.7	-	-	-	-
164.0	-	-	142.0	-	-	-	-
177.2	-	-	129.4	-	-	-	-
190.3	-	-	-	106.7	-	-	-
203.4	-	-	-	98.3	-	-	-
216.5	-	-	-	91.1	-	-	-
229.7	-	-	-	-	76.5	-	-
242.8	-	-	-	-	71.4	-	-
255.9	-	-	-	-	66.8	-	-
269.0	-	-	-	-	-	-	-

### Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

236.2 ft + 157.5 ft

ft	0 lb		0 lb - 551,000 lb				
	29'6"		29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°	
	1,000 lb						
59.1	139.8*	145.7*	-	-	-	-	-
65.6	139.8*	144.4*	-	-	-	-	-
72.2	134.3*	144.8	-	-	-	-	-
78.7	123.9*	144.8	-	-	-	-	-
85.3	115.1*	142.4	-	-	-	-	-
91.9	107.4*	139.6	-	-	-	-	-
98.4	100.3*	136.5	-	-	-	-	-
111.5	88.6*	130.1	-	-	-	-	-
124.7	78.9*	123.7	-	-	-	-	-
137.8	71.0*	117.3	-	-	-	-	-
144.4	67.2*	114.4	134.9	-	-	-	-
150.9	63.1*	111.6	134.3	-	-	-	-
164.0	56.2*	106.0	130.3	-	-	-	-
177.2	47.2	100.3	124.3	-	-	-	-
190.3	-	-	115.1	-	-	-	-
203.4	-	-	106.0	92.6	-	-	-
216.5	-	-	98.3	87.3	-	-	-
229.7	-	-	-	80.9	-	-	-
242.8	-	-	-	75.4	-	-	-
255.9	-	-	-	70.5	-	-	-
269.0	-	-	-	-	58.9	-	-
282.2	-	-	-	-	55.1	-	-
295.3	-	-	-	-	52.0	-	-
308.4	-	-	-	-	-	42.5	-
321.5	-	-	-	-	-	39.9	-

236.2 ft + 196.9 ft

ft	0 lb		0 lb - 551,000 lb				
	29'6"		29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°	
	1,000 lb						
72.2	105.8*	110.5*	-	-	-	-	-
78.7	105.2*	108.5*	-	-	-	-	-
85.3	104.1*	109.8	-	-	-	-	-
91.9	99.6*	108.9	-	-	-	-	-
98.4	93.0*	107.6	-	-	-	-	-
111.5	81.8*	104.1	-	-	-	-	-
124.7	72.5*	100.3	-	-	-	-	-
137.8	64.8*	96.3	-	-	-	-	-
150.9	58.4*	92.2	-	-	-	-	-
157.5	55.6*	90.2	101.6	-	-	-	-
164.0	52.9*	88.2	101.6	-	-	-	-
177.2	48.1*	84.4	100.3	-	-	-	-
190.3	43.0*	80.7	98.1	-	-	-	-
203.4	38.8*	77.2	94.6	-	-	-	-
216.5	32.0	73.4	91.3	-	-	-	-
229.7	-	-	87.1	77.2	-	-	-
242.8	-	-	82.9	72.5	-	-	-
255.9	-	-	77.4	67.7	-	-	-
269.0	-	-	-	63.3	-	-	-
282.2	-	-	-	59.3	-	-	-
295.3	-	-	-	55.8	48.7	-	-
308.4	-	-	-	-	45.6	-	-
321.5	-	-	-	-	43.0	-	-
347.8	-	-	-	-	-	30.6	-
360.9	-	-	-	-	-	28.7	-

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

236.2 ft + 236.2 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
78.7	79.1*	82.0*	-	-	-	-
85.3	79.1*	81.4*	-	-	-	-
91.9	78.5*	80.5*	-	-	-	-
98.4	80.0	81.6	-	-	-	-
111.5	75.6*	80.2	-	-	-	-
124.7	66.8*	78.5	-	-	-	-
137.8	59.3*	76.3	-	-	-	-
150.9	53.1*	73.9	-	-	-	-
164.0	47.8*	71.4	-	-	-	-
177.2	43.0*	68.8	74.7	-	-	-
190.3	39.0*	66.4	74.5	-	-	-
203.4	35.3*	63.7	73.9	-	-	-
216.5	32.0*	60.8	72.5	-	-	-
229.7	28.7*	58.2	70.5	-	-	-
242.8	25.6*	55.6	68.8	-	-	-
255.9	19.6	52.9	66.6	61.9	-	-
269.0	-	-	63.9	60.2	-	-
282.2	-	-	61.3	56.2	-	-
295.3	-	-	58.6	52.7	-	-
308.4	-	-	-	49.4	-	-
321.5	-	-	-	46.5	39.2	-
334.6	-	-	-	43.9	36.6	-
347.8	-	-	-	-	34.0	-
360.9	-	-	-	-	31.7	-
374.0	-	-	-	-	-	22.3
387.1	-	-	-	-	-	20.5
400.3	-	-	-	-	-	19.0

### Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

236.2 ft + 275.6 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
85.3	55.6*	58.4*	-	-	-	-
91.9	55.6*	58.4*	-	-	-	-
98.4	55.3*	57.5*	-	-	-	-
111.5	55.6	57.3	-	-	-	-
124.7	55.1	56.0	-	-	-	-
137.8	52.5*	54.9	-	-	-	-
150.9	48.1*	53.8	-	-	-	-
164.0	42.8*	52.2	-	-	-	-
177.2	38.4*	50.9	-	-	-	-
190.3	34.4*	49.4	51.4	-	-	-
203.4	30.9*	47.8	51.4	-	-	-
216.5	27.8*	46.5	51.4	-	-	-
229.7	24.9*	44.5	50.9	-	-	-
242.8	22.5*	42.8	50.0	-	-	-
255.9	20.1*	41.0	49.2	-	-	-
269.0	17.9*	39.0	48.1	43.0	-	-
282.2	15.4*	37.3	47.0	43.0	-	-
295.3	-	-	45.4	43.0	-	-
308.4	-	-	44.1	43.0	-	-
321.5	-	-	42.5	43.0	-	-
334.6	-	-	41.2	41.4	-	-
347.8	-	-	-	39.0	30.9	-
360.9	-	-	-	36.6	28.4	-
374.0	-	-	-	34.4	26.2	-
387.1	-	-	-	-	24.3	-
400.3	-	-	-	-	22.5	-
413.4	-	-	-	-	-	13.7
426.5	-	-	-	-	-	12.3
439.6	-	-	-	-	-	11.0

255.9 ft + 78.7 ft

ft	1,000 lb			
	42.7	211.0*	219.4*	-
45.9	211.0*	219.4*	-	-
52.5	196.9*	212.7*	-	-
59.1	178.6*	217.4	-	-
65.6	163.4*	210.8	-	-
72.2	150.6*	203.5	-	-
78.7	139.6*	196.2	-	-
85.3	129.9*	188.9	-	-
91.9	121.7*	181.9	-	-
98.4	107.6	174.6	-	-
105.0	101.6	167.6	-	-
111.5	-	-	194.0	-
124.7	-	-	187.2	-
137.8	-	-	171.5	-
144.4	-	-	162.9	-
164.0	-	-	-	127.9
177.2	-	-	-	116.6
190.3	-	-	-	106.9
216.5	-	-	-	82.5
229.7	-	-	-	76.7
242.8	-	-	-	-

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB    29'6" - 49'3"    23'9"    360°    ISO

255.9 ft + 118.1 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
52.5	158.3*	165.6*	-	-	-	-
59.1	156.7*	163.4*	-	-	-	-
65.6	151.2*	164.5	-	-	-	-
72.2	139.3*	162.5	-	-	-	-
78.7	129.0*	158.5	-	-	-	-
85.3	119.9*	154.3	-	-	-	-
91.9	112.0*	149.7	-	-	-	-
98.4	104.9*	145.1	-	-	-	-
111.5	93.0*	135.8	-	-	-	-
124.7	83.3*	127.2	-	-	-	-
131.2	77.8*	122.8	147.0	-	-	-
137.8	68.8	118.4	145.1	-	-	-
144.4	64.6	114.0	141.3	-	-	-
150.9	-	-	136.7	-	-	-
164.0	-	-	127.4	-	-	-
177.2	-	-	117.5	-	-	-
190.3	-	-	-	103.2	-	-
203.4	-	-	-	95.0	-	-
216.5	-	-	-	88.0	-	-
229.7	-	-	-	81.8	-	-
242.8	-	-	-	-	67.5	-
255.9	-	-	-	-	63.1	-
269.0	-	-	-	-	59.1	-

255.9 ft + 157.5 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
62.3	119.7*	125.7*	-	-	-	-
65.6	119.7*	125.7*	-	-	-	-
72.2	117.5*	123.0*	-	-	-	-
78.7	115.3*	125.4	-	-	-	-
85.3	110.9*	122.8	-	-	-	-
91.9	103.6*	120.4	-	-	-	-
98.4	96.8*	117.7	-	-	-	-
111.5	85.5*	112.0	-	-	-	-
124.7	76.3*	106.3	-	-	-	-
137.8	68.6*	100.3	-	-	-	-
144.4	65.3*	97.7	112.0	-	-	-
150.9	62.2*	94.8	112.0	-	-	-
164.0	55.3*	89.3	107.6	-	-	-
177.2	46.3	84.0	102.3	-	-	-
190.3	-	-	96.6	-	-	-
203.4	-	-	90.4	-	-	-
216.5	-	-	84.0	-	-	-
229.7	-	-	-	78.0	-	-
242.8	-	-	-	72.5	-	-
255.9	-	-	-	67.7	-	-
269.0	-	-	-	-	55.3	-
282.2	-	-	-	-	51.8	-
295.3	-	-	-	-	48.7	-
321.5	-	-	-	-	-	35.1
334.6	-	-	-	-	-	32.8

255.9 ft + 196.9 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
72.2	89.9*	95.9*	-	-	-	-
78.7	89.3*	94.4*	-	-	-	-
85.3	89.3	94.8	-	-	-	-
91.9	89.3	94.1	-	-	-	-
98.4	85.1*	92.6	-	-	-	-
111.5	78.7*	89.3	-	-	-	-
124.7	69.9*	85.8	-	-	-	-
137.8	62.6*	82.0	-	-	-	-
150.9	56.2*	78.3	-	-	-	-
164.0	50.9*	74.5	83.6	-	-	-
177.2	46.3*	70.8	82.7	-	-	-
190.3	42.1*	67.2	79.8	-	-	-
203.4	38.1*	63.5	76.3	-	-	-
216.5	31.1	59.7	72.8	-	-	-
229.7	-	-	68.8	-	-	-
242.8	-	-	64.6	66.4	-	-
255.9	-	-	60.4	63.9	-	-
269.0	-	-	-	60.6	-	-
282.2	-	-	-	56.7	-	-
295.3	-	-	-	53.1	-	-
308.4	-	-	-	-	42.5	-
321.5	-	-	-	-	39.7	-
334.6	-	-	-	-	37.0	-
360.9	-	-	-	-	-	24.3
374.0	-	-	-	-	-	22.5

255.9 ft + 236.2 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
78.7	67.7*	72.3*	-	-	-	-
85.3	67.7*	71.9*	-	-	-	-
91.9	66.8*	70.8*	-	-	-	-
98.4	67.5	71.2	-	-	-	-
111.5	66.6	69.7	-	-	-	-
124.7	62.2*	67.7	-	-	-	-
137.8	57.1*	65.5	-	-	-	-
150.9	51.1*	62.8	-	-	-	-
164.0	45.9*	60.4	-	-	-	-
177.2	41.2*	58.0	61.3	-	-	-
190.3	37.3*	55.3	61.1	-	-	-
203.4	34.0*	52.9	59.7	-	-	-
216.5	30.9*	50.5	58.0	-	-	-
229.7	28.0*	48.1	55.8	-	-	-
242.8	24.9*	45.6	53.4	-	-	-
255.9	18.7	43.2	51.1	49.6	-	-
269.0	-	-	48.3	49.4	-	-
282.2	-	-	45.4	47.8	-	-
295.3	-	-	42.5	45.9	-	-
308.4	-	-	-	43.9	-	-
321.5	-	-	-	41.2	-	-
334.6	-	-	-	38.6	32.6	-
347.8	-	-	-	-	30.2	-
360.9	-	-	-	-	28.0	-
374.0	-	-	-	-	26.0	-
387.1	-	-	-	-	-	16.3
400.3	-	-	-	-	-	14.8
413.4	-	-	-	-	-	13.4

Remarks: \* Main boom angle 87°

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

255.9 ft + 275.6 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
91.9	48.7*	52.2*	-	-	-	-
98.4	48.5*	51.6*	-	-	-	-
111.5	48.5	51.4	-	-	-	-
124.7	47.6	50.3	-	-	-	-
137.8	46.7	48.9	-	-	-	-
150.9	43.2*	47.2	-	-	-	-
164.0	41.0*	45.6	-	-	-	-
177.2	36.6*	43.9	-	-	-	-
190.3	32.8*	42.3	-	-	-	-
203.4	29.3*	40.8	43.7	-	-	-
216.5	26.2*	39.2	43.2	-	-	-
229.7	23.6*	37.5	42.3	-	-	-
242.8	21.2*	35.7	41.0	-	-	-
255.9	19.0*	34.0	39.7	-	-	-
269.0	17.0*	32.4	38.4	-	-	-
282.2	15.0*	30.6	36.8	34.4	-	-
295.3	9.9	28.9	35.1	34.4	-	-
308.4	-	-	33.3	34.0	-	-
321.5	-	-	31.5	32.8	-	-
334.6	-	-	29.8	31.7	-	-
347.8	-	-	-	30.2	-	-
360.9	-	-	-	28.4	24.7	-
374.0	-	-	-	26.7	22.7	-
387.1	-	-	-	-	20.7	-
400.3	-	-	-	-	19.2	-
413.4	-	-	-	-	17.4	-
426.5	-	-	-	-	-	8.6
439.6	-	-	-	-	-	7.3
452.8	-	-	-	-	-	6.2

275.6 ft + 78.7 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
45.9	180.8*	191.8*	-	-	-	-
52.5	178.6*	186.3*	-	-	-	-
59.1	171.3*	189.8	-	-	-	-
65.6	157.0*	184.1	-	-	-	-
72.2	144.6*	178.1	-	-	-	-
78.7	134.3*	172.0	-	-	-	-
85.3	125.2*	165.8	-	-	-	-
91.9	117.3*	160.1	-	-	-	-
98.4	110.7*	154.5	-	-	-	-
105.0	97.0	148.8	-	-	-	-
118.1	-	-	166.9	-	-	-
124.7	-	-	164.0	-	-	-
137.8	-	-	150.6	-	-	-
150.9	-	-	136.2	-	-	-
177.2	-	-	-	112.0	-	-
190.3	-	-	-	102.7	-	-
229.7	-	-	-	-	72.1	-
242.8	-	-	-	-	67.2	-
255.9	-	-	-	-	-	-

275.6 ft + 118.1 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
52.5	137.3*	145.5*	-	-	-	-
59.1	137.3*	143.7*	-	-	-	-
65.6	136.0	144.8	-	-	-	-
72.2	131.2*	143.1	-	-	-	-
78.7	123.9*	139.6	-	-	-	-
85.3	115.3*	135.6	-	-	-	-
91.9	107.8*	131.6	-	-	-	-
98.4	101.0*	127.6	-	-	-	-
111.5	89.7*	119.7	-	-	-	-
124.7	80.5*	112.2	-	-	-	-
137.8	67.2	104.9	124.6	-	-	-
144.4	63.3	101.2	122.8	-	-	-
150.9	-	-	119.0	-	-	-
164.0	-	-	110.7	-	-	-
177.2	-	-	102.1	-	-	-
190.3	-	-	93.0	-	-	-
203.4	-	-	-	90.8	-	-
216.5	-	-	-	84.0	-	-
229.7	-	-	-	78.0	-	-
255.9	-	-	-	-	58.6	-
269.0	-	-	-	-	54.9	-

275.6 ft + 157.5 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
62.3	104.9*	111.3*	-	-	-	-
65.6	104.9*	111.3*	-	-	-	-
72.2	104.1*	108.9*	-	-	-	-
78.7	104.1	110.0	-	-	-	-
85.3	99.6*	108.9	-	-	-	-
91.9	97.2*	106.5	-	-	-	-
98.4	93.0*	104.1	-	-	-	-
111.5	82.2*	99.0	-	-	-	-
124.7	73.4*	93.7	-	-	-	-
137.8	65.9*	88.6	-	-	-	-
150.9	59.7*	83.8	94.8	-	-	-
164.0	54.5*	78.9	92.6	-	-	-
177.2	45.2	74.1	87.7	-	-	-
190.3	-	-	82.5	-	-	-
203.4	-	-	76.9	-	-	-
216.5	-	-	71.4	-	-	-
229.7	-	-	65.7	70.1	-	-
242.8	-	-	-	65.7	-	-
255.9	-	-	-	61.1	-	-
269.0	-	-	-	56.2	-	-
282.2	-	-	-	-	47.8	-
295.3	-	-	-	-	44.8	-
308.4	-	-	-	-	41.9	-
334.6	-	-	-	-	-	27.3
347.8	-	-	-	-	-	25.4

**Remarks:**

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

275.6 ft + 196.9 ft

	0 lb	0 lb - 551,000 lb				
	29'6"	29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
72.2	78.9*	84.9*	-	-	-	-
78.7	78.9*	84.0*	-	-	-	-
85.3	77.6*	82.2*	-	-	-	-
91.9	78.5	83.8	-	-	-	-
98.4	77.8	82.5	-	-	-	-
111.5	71.9*	79.1	-	-	-	-
124.7	67.2*	75.8	-	-	-	-
137.8	60.0*	72.3	-	-	-	-
150.9	54.0*	68.8	-	-	-	-
164.0	48.7*	65.5	-	-	-	-
177.2	44.3*	61.9	71.2	-	-	-
190.3	40.3*	58.6	68.8	-	-	-
203.4	37.0*	55.1	65.5	-	-	-
216.5	29.8	51.8	61.9	-	-	-
229.7	-	-	58.4	-	-	-
242.8	-	-	54.5	53.1	-	-
255.9	-	-	50.7	52.5	-	-
269.0	-	-	46.7	49.4	-	-
282.2	-	-	-	46.3	-	-
295.3	-	-	-	43.0	-	-
308.4	-	-	-	39.7	37.5	-
321.5	-	-	-	-	34.8	-
334.6	-	-	-	-	32.4	-
347.8	-	-	-	-	30.2	-
374.0	-	-	-	-	-	17.4
387.1	-	-	-	-	-	16.1
400.3	-	-	-	-	-	-
413.4	-	-	-	-	-	-
426.5	-	-	-	-	-	-

275.6 ft + 236.2 ft

	0 lb	0 lb - 551,000 lb				
	29'6"	29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
78.7	58.2*	63.5*	-	-	-	-
85.3	58.2*	63.5*	-	-	-	-
91.9	57.8*	62.4*	-	-	-	-
98.4	57.5	62.4	-	-	-	-
111.5	57.1	61.1	-	-	-	-
124.7	55.6	59.1	-	-	-	-
137.8	50.7*	56.9	-	-	-	-
150.9	48.3*	54.5	-	-	-	-
164.0	43.9*	51.8	-	-	-	-
177.2	39.5*	49.4	-	-	-	-
190.3	35.5*	46.7	52.0	-	-	-
203.4	32.2*	44.5	51.1	-	-	-
216.5	29.1*	42.3	49.4	-	-	-
229.7	26.5*	39.9	47.0	-	-	-
242.8	24.0*	37.7	44.8	-	-	-
255.9	17.9	35.5	42.3	-	-	-
269.0	-	-	39.7	39.0	-	-
282.2	-	-	37.0	38.4	-	-
295.3	-	-	34.4	36.4	-	-
308.4	-	-	-	34.2	-	-
321.5	-	-	-	32.2	-	-
334.6	-	-	-	29.5	-	-
347.8	-	-	-	27.1	25.8	-
360.9	-	-	-	-	23.6	-
374.0	-	-	-	-	21.8	-
387.1	-	-	-	-	20.1	-
400.3	-	-	-	-	-	9.9
413.4	-	-	-	-	-	8.8
426.5	-	-	-	-	-	7.7

### Remarks:

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

275.6 ft + 275.6 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
91.9	42.5*	46.1*	-	-	-	-
98.4	42.5*	45.6*	-	-	-	-
111.5	41.9	45.0	-	-	-	-
124.7	41.4	44.1	-	-	-	-
137.8	40.3	43.0	-	-	-	-
150.9	38.6	41.2	-	-	-	-
164.0	35.3*	39.5	-	-	-	-
177.2	33.7*	37.7	-	-	-	-
190.3	30.9*	35.9	-	-	-	-
203.4	27.6*	34.2	36.6	-	-	-
216.5	24.7*	32.4	36.2	-	-	-
229.7	22.0*	30.9	35.3	-	-	-
242.8	19.6*	29.3	34.0	-	-	-
255.9	17.6*	27.8	32.6	-	-	-
269.0	15.7*	26.2	31.1	-	-	-
282.2	13.9*	24.7	29.8	-	-	-
295.3	9.0	23.1	28.2	26.5	-	-
308.4	-	-	26.5	26.0	-	-
321.5	-	-	24.7	25.1	-	-
334.6	-	-	22.9	23.8	-	-
347.8	-	-	-	22.3	-	-
360.9	-	-	-	20.5	-	-
374.0	-	-	-	18.7	16.3	-
387.1	-	-	-	17.2	15.7	-
400.3	-	-	-	-	14.6	-
413.4	-	-	-	-	13.2	-
426.5	-	-	-	-	11.7	-

295.3 ft + 78.7 ft

ft	0 lb		1,000 lb			
	45.9	147.3*	164.0*	-	-	-
52.5	145.1*	159.6*	-	-	-	-
59.1	144.0	160.5	-	-	-	-
65.6	140.7	158.5	-	-	-	-
72.2	129.6*	153.9	-	-	-	-
78.7	124.3*	149.0	-	-	-	-
85.3	119.0*	144.4	-	-	-	-
91.9	113.1*	139.8	-	-	-	-
98.4	106.7*	135.6	-	-	-	-
105.0	92.8	131.4	-	-	-	-
124.7	-	-	149.7	-	-	-
137.8	-	-	144.2	-	-	-
150.9	-	-	135.8	-	-	-
157.5	-	-	131.0	-	-	-
190.3	-	-	-	98.8	-	-
203.4	-	-	-	91.1	-	-
216.5	-	-	-	-	-	-

**Remarks:**

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

295.3 ft + 118.1 ft

ft	0 lb		0 lb - 551,000 lb			
	29'6"		29'6" - 49'3"			
	85°	85°	75°	65°	55°	45°
	1,000 lb					
55.8	110.7*	124.1*	-	-	-	-
59.1	110.7*	122.6*	-	-	-	-
65.6	107.6*	119.5*	-	-	-	-
72.2	109.1	122.1	-	-	-	-
78.7	107.6	119.3	-	-	-	-
85.3	102.7	116.2	-	-	-	-
91.9	95.9	113.1	-	-	-	-
98.4	90.6*	110.0	-	-	-	-
111.5	84.0*	103.6	-	-	-	-
124.7	77.6*	97.9	-	-	-	-
137.8	64.4	92.4	111.8	-	-	-
144.4	61.5	89.7	111.8	-	-	-
150.9	-	-	109.8	-	-	-
164.0	-	-	104.9	-	-	-
177.2	-	-	99.6	-	-	-
190.3	-	-	93.5	-	-	-
203.4	-	-	-	82.2	-	-
216.5	-	-	-	80.5	-	-
229.7	-	-	-	74.5	-	-
242.8	-	-	-	69.4	-	-
269.0	-	-	-	-	50.7	-
282.2	-	-	-	-	47.6	-
295.3	-	-	-	-	-	-

295.3 ft + 157.5 ft

ft	0 lb		1,000 lb			
	62.3	83.1*	94.4*	-	-	-
65.6	83.1*	94.4*	-	-	-	-
72.2	82.2*	92.4*	-	-	-	-
78.7	82.2	93.0	-	-	-	-
85.3	82.2	92.2	-	-	-	-
91.9	80.5	90.2	-	-	-	-
98.4	78.5	88.2	-	-	-	-
111.5	72.3	84.0	-	-	-	-
124.7	64.4	80.0	-	-	-	-
137.8	59.7*	75.8	-	-	-	-
150.9	55.8*	72.1	-	-	-	-
157.5	53.6*	70.1	85.1	-	-	-
164.0	51.6*	68.3	84.4	-	-	-
177.2	43.0	64.6	82.0	-	-	-
190.3	-	-	78.7	-	-	-
203.4	-	-	75.4	-	-	-
216.5	-	-	71.4	-	-	-
229.7	-	-	67.5	67.2	-	-
242.8	-	-	-	65.9	-	-
255.9	-	-	-	61.5	-	-
269.0	-	-	-	57.3	-	-
282.2	-	-	-	53.8	-	-
295.3	-	-	-	-	40.1	-
308.4	-	-	-	-	37.3	-
321.5	-	-	-	-	34.6	-



# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

295.3 ft + 196.9 ft

0 lb		0 lb - 551,000 lb					
29'6"		29'6" - 49'3"					
		85°	85°	75°	65°	55°	45°
ft	1,000 lb						
72.2	62.6*	71.7*	-	-	-	-	-
78.7	62.6*	71.0*	-	-	-	-	-
85.3	61.3*	69.7*	-	-	-	-	-
91.9	61.7	70.3	-	-	-	-	-
98.4	61.7	69.7	-	-	-	-	-
111.5	59.3	67.2	-	-	-	-	-
124.7	56.2	64.2	-	-	-	-	-
137.8	51.8	61.3	-	-	-	-	-
150.9	46.3	58.4	-	-	-	-	-
164.0	42.8*	55.6	-	-	-	-	-
177.2	39.9*	52.9	61.7	-	-	-	-
190.3	37.0*	50.5	60.6	-	-	-	-
203.4	34.2*	47.8	58.6	-	-	-	-
216.5	28.2	45.4	56.4	-	-	-	-
229.7	-	-	54.2	-	-	-	-
242.8	-	-	51.8	-	-	-	-
255.9	-	-	49.2	52.9	-	-	-
269.0	-	-	46.5	52.5	-	-	-
282.2	-	-	-	50.9	-	-	-
295.3	-	-	-	47.6	-	-	-
308.4	-	-	-	44.8	-	-	-
321.5	-	-	-	42.1	30.4	-	-
334.6	-	-	-	-	28.2	-	-
347.8	-	-	-	-	26.0	-	-
360.9	-	-	-	-	24.3	-	-
387.1	-	-	-	-	-	11.5	-
400.3	-	-	-	-	-	10.4	-
413.4	-	-	-	-	-	-	-
426.5	-	-	-	-	-	-	-

295.3 ft + 236.2 ft

0 lb		0 lb - 551,000 lb					
29'6"		29'6" - 49'3"					
		85°	85°	75°	65°	55°	45°
ft	1,000 lb						
85.3	44.8*	53.1*	-	-	-	-	-
91.9	44.3*	52.0*	-	-	-	-	-
98.4	43.9	51.6	-	-	-	-	-
111.5	43.4	50.7	-	-	-	-	-
124.7	41.7	48.7	-	-	-	-	-
137.8	39.5	46.7	-	-	-	-	-
150.9	37.5	44.8	-	-	-	-	-
164.0	35.3	42.8	-	-	-	-	-
177.2	32.8	40.8	-	-	-	-	-
190.3	29.3	38.8	44.8	-	-	-	-
203.4	26.2*	36.8	44.3	-	-	-	-
216.5	24.5*	35.1	43.2	-	-	-	-
229.7	22.5*	33.3	41.9	-	-	-	-
242.8	20.7*	31.5	40.3	-	-	-	-
255.9	16.8	29.8	38.8	-	-	-	-
269.0	-	-	37.3	-	-	-	-
282.2	-	-	35.5	37.0	-	-	-
295.3	-	-	33.7	36.8	-	-	-
308.4	-	-	32.0	35.9	-	-	-
321.5	-	-	-	35.1	-	-	-
334.6	-	-	-	34.0	-	-	-
347.8	-	-	-	32.4	21.6	-	-
360.9	-	-	-	30.9	19.6	-	-
374.0	-	-	-	-	17.9	-	-
387.1	-	-	-	-	16.3	-	-
400.3	-	-	-	-	15.0	-	-
413.4	-	-	-	-	-	-	-
426.5	-	-	-	-	-	-	-
439.6	-	-	-	-	-	-	-

### Remarks:

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

315.0 ft + 78.7 ft

ft	0 lb		0 lb - 551,000 lb				
	29'6"		29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°	
	1,000 lb						
45.9	127.9*	143.5*	-	-	-	-	-
52.5	127.9*	141.8*	-	-	-	-	-
59.1	128.8	143.3	-	-	-	-	-
65.6	128.8	141.8	-	-	-	-	-
72.2	123.2	138.2	-	-	-	-	-
78.7	114.4	134.7	-	-	-	-	-
85.3	106.9*	131.0	-	-	-	-	-
91.9	103.0*	127.4	-	-	-	-	-
98.4	98.8*	124.8	-	-	-	-	-
111.5	83.8	119.0	-	-	-	-	-
131.2	-	-	138.5	-	-	-	-
137.8	-	-	137.1	-	-	-	-
150.9	-	-	131.4	-	-	-	-
164.0	-	-	125.9	-	-	-	-
190.3	-	-	-	90.4	-	-	-
203.4	-	-	-	86.6	-	-	-
216.5	-	-	-	80.2	-	-	-

315.0 ft + 118.1 ft

ft	0 lb		1,000 lb				
	55.8	95.9*	109.6*	-	-	-	-
59.1	95.9*	109.6*	-	-	-	-	-
65.6	94.6*	107.1*	-	-	-	-	-
72.2	95.9	109.8	-	-	-	-	-
78.7	95.9	107.6	-	-	-	-	-
85.3	93.5	105.2	-	-	-	-	-
91.9	90.8	102.7	-	-	-	-	-
98.4	85.3	100.1	-	-	-	-	-
111.5	75.6	95.0	-	-	-	-	-
124.7	69.9*	90.8	-	-	-	-	-
137.8	64.8*	87.1	-	-	-	-	-
144.4	58.2	85.1	104.5	-	-	-	-
150.9	-	-	104.5	-	-	-	-
164.0	-	-	101.9	-	-	-	-
177.2	-	-	98.5	-	-	-	-
190.3	-	-	95.2	-	-	-	-
203.4	-	-	92.2	-	-	-	-
216.5	-	-	-	74.5	-	-	-
229.7	-	-	-	70.5	-	-	-
242.8	-	-	-	65.7	-	-	-
255.9	-	-	-	61.3	-	-	-
282.2	-	-	-	-	42.1	-	-
295.3	-	-	-	-	39.2	-	-

### Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

315.0 ft + 157.5 ft

ft	0 lb		0 lb - 551,000 lb				
	29'6"		29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°	
	1,000 lb						
65.6	71.7*	83.8*	-	-	-	-	-
72.2	71.7*	82.9*	-	-	-	-	-
78.7	69.9*	81.1*	-	-	-	-	-
85.3	72.1	83.3	-	-	-	-	-
91.9	71.4	81.8	-	-	-	-	-
98.4	69.7	80.0	-	-	-	-	-
111.5	66.1	76.7	-	-	-	-	-
124.7	60.8	73.2	-	-	-	-	-
137.8	54.7	69.9	-	-	-	-	-
150.9	49.6*	66.8	-	-	-	-	-
164.0	46.3*	64.2	77.8	-	-	-	-
177.2	40.6	61.3	76.9	-	-	-	-
190.3	-	-	75.0	-	-	-	-
203.4	-	-	72.8	-	-	-	-
216.5	-	-	70.3	-	-	-	-
229.7	-	-	68.3	-	-	-	-
242.8	-	-	-	60.4	-	-	-
255.9	-	-	-	57.8	-	-	-
269.0	-	-	-	54.0	-	-	-
282.2	-	-	-	50.5	-	-	-
308.4	-	-	-	-	32.0	-	-
321.5	-	-	-	-	29.5	-	-
334.6	-	-	-	-	27.6	-	-

315.0 ft + 196.9 ft

ft	0 lb		1,000 lb				
	72.2	52.0*	63.1*	-	-	-	-
78.7	52.0*	63.1*	-	-	-	-	-
85.3	51.6*	61.7*	-	-	-	-	-
91.9	52.2	62.6	-	-	-	-	-
98.4	52.2	62.2	-	-	-	-	-
111.5	50.5	60.0	-	-	-	-	-
124.7	47.8	57.5	-	-	-	-	-
137.8	45.2	54.9	-	-	-	-	-
150.9	42.8	52.5	-	-	-	-	-
164.0	39.0	50.0	-	-	-	-	-
177.2	35.3	47.6	58.4	-	-	-	-
190.3	31.7	45.6	58.2	-	-	-	-
203.4	28.9*	43.4	57.3	-	-	-	-
216.5	26.2	41.2	55.6	-	-	-	-
229.7	-	-	54.0	-	-	-	-
242.8	-	-	52.2	-	-	-	-
255.9	-	-	50.7	-	-	-	-
269.0	-	-	48.9	47.0	-	-	-
282.2	-	-	-	46.3	-	-	-
295.3	-	-	-	44.3	-	-	-
308.4	-	-	-	41.2	-	-	-
321.5	-	-	-	38.4	-	-	-
334.6	-	-	-	-	23.1	-	-
347.8	-	-	-	-	21.2	-	-
360.9	-	-	-	-	19.4	-	-
374.0	-	-	-	-	17.9	-	-
387.1	-	-	-	-	-	-	-

# STERLING CRANE

## SWSL

352,700 lb + 88,200 lb ZB

29'6" - 49'3"

23'9"

360°

ISO

315.0 ft + 236.2 ft

	0 lb	0 lb - 551,000 lb				
	29'6"	29'6" - 49'3"				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
85.3	37.0*	47.0*	-	-	-	-
91.9	37.0*	46.3*	-	-	-	-
98.4	36.2*	45.4*	-	-	-	-
111.5	37.0	45.6	-	-	-	-
124.7	35.5	44.1	-	-	-	-
137.8	33.7	42.3	-	-	-	-
150.9	32.0	40.6	-	-	-	-
164.0	30.2	38.8	-	-	-	-
177.2	28.4	37.0	-	-	-	-
190.3	26.5	35.1	-	-	-	-
203.4	24.3	33.3	42.1	-	-	-
216.5	21.6	31.5	41.9	-	-	-
229.7	19.2	29.8	41.0	-	-	-
242.8	17.2*	28.0	39.9	-	-	-
255.9	15.2	26.2	38.8	-	-	-
269.0	-	-	37.7	-	-	-
282.2	-	-	36.4	35.3	-	-
295.3	-	-	35.3	35.3	-	-
308.4	-	-	34.0	35.1	-	-
321.5	-	-	-	34.2	-	-
334.6	-	-	-	31.7	-	-
347.8	-	-	-	29.3	-	-
360.9	-	-	-	27.1	15.0	-
374.0	-	-	-	-	13.4	-
387.1	-	-	-	-	11.9	-
400.3	-	-	-	-	10.6	-
413.4	-	-	-	-	9.5	-

**Remarks:**

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

\* Main boom angle 87°

## NOTES TO LIFTING CAPACITY

Ratings are in compliance with ISO 4305.

Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

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.

The load charts shown in this brochure apply to Standard-SL and Vario-SL. Charts for Tele-SL with counterweight carrier are available on request. In some instances the superlift counterweight does not lift off the ground with the indicated load.