



LIFTING CHARTS - Conventional Truck Cranes

LINK-BELT MODEL HC-278H - 300 TON CAPACITY

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
200	90	250	33.9	163.6	6,900 *	36.4	160.1	5,200 *			
200	90	260	30.0	146.6	6,600 *						
200	90	270	25.6	126.3	6,400 *						
200	100	60	80.8	304.1	9,800 *						
200	100	70	78.9	302.0	9,500 *						
200	100	80	76.9	299.5	9,200 *	80.1	297.4	8,300 *			
200	100	90	75.0	296.7	8,900 *	78.1	294.6	8,100 *	81.2	290.4	7,400 *
200	100	100	73.0	293.5	8,600 *	76.1	291.4	7,900 *	79.1	287.1	7,300 *
200	100	110	70.9	289.9	8,300 *	74.1	287.8	7,700 *	77.1	283.4	7,100 *
200	100	120	68.9	286.0	8,100 *	72.0	283.7	7,500 *	75.0	279.3	7,000 *
200	100	130	66.8	281.5	7,900 *	69.9	279.3	7,300 *	72.8	274.8	6,800 *
200	100	140	64.7	276.7	7,700 *	67.8	274.4	7,200 *	70.7	269.9	6,700 *
200	100	150	62.6	271.4	7,500 *	65.7	269.0	7,000 *	68.5	264.4	6,200 *
200	100	160	60.4	265.6	7,300 *	63.4	263.2	6,900 *	66.2	258.4	5,700 *
200	100	170	58.1	259.2	7,200 *	61.2	256.8	6,700 *	63.9	251.9	5,100 *
200	100	180	55.8	252.3	7,000 *	58.8	249.8	6,600 *	61.5	244.8	4,700 *
200	100	190	53.5	244.8	6,900 *	56.4	242.2	6,400 *	59.1	237.0	4,300 *
200	100	200	51.0	236.5	6,700 *	54.0	233.9	5,900 *	56.5	228.5	3,900 *
200	100	210	48.5	227.6	6,500 *	51.4	224.8	5,500 *	53.9	219.1	3,600 *
200	100	220	45.8	217.7	6,300 *	48.7	214.8	5,200 *	51.1	208.9	3,300 *
200	100	230	43.0	206.9	6,200 *	45.9	203.8	4,800 *	48.2	197.6	3,100 *
200	100	240	40.0	194.9	6,000 *	42.8	191.6	4,500 *	45.1	185.0	2,800 *
200	100	250	36.9	181.6	5,500 *	39.6	178.0	4,300 *			
200	100	260	33.4	166.5	5,100 *	36.1	162.6	4,000 *			
200	100	270	29.6	149.1	4,600 *						
200	100	280	25.3	128.4	4,000 *						
210	30	40	81.9	246.8	40,000 *						
210	30	50	79.5	245.0	40,000 *	80.7	244.2	40,000 *	81.8	242.6	40,000 *
210	30	60	77.1	242.8	40,000 *	78.2	242.0	40,000 *	79.3	240.4	40,000 *
210	30	70	74.6	240.2	40,000 *	75.8	239.4	40,000 *	76.9	237.7	40,000 *
210	30	80	72.1	237.1	40,000 *	73.3	236.3	40,000 *	74.4	234.6	40,000 *
210	30	90	69.6	233.5	40,000 *	70.8	232.7	40,000 *	71.8	231.0	39,100 *
210	30	100	67.1	229.4	40,000 *	68.2	228.5	40,000 *	69.2	226.8	37,100 *
210	30	110	64.5	224.8	35,800	65.6	223.9	36,300	66.6	222.1	36,500
210	30	120	61.8	219.6	31,300	62.9	218.7	31,700	63.9	216.9	32,100
210	30	130	59.1	213.8	27,600	60.2	212.8	27,900	61.1	211.0	28,300
210	30	140	56.2	207.3	24,500	57.3	206.3	24,800	58.3	204.4	25,000
210	30	150	53.3	200.1	21,800	54.4	199.1	22,000	55.3	197.1	22,300
210	30	160	50.3	192.0	19,500	51.3	191.0	19,700	52.2	188.9	19,900
210	30	170	47.1	183.0	17,500	48.2	181.9	17,600	49.0	179.7	17,800
210	30	180	43.8	173.0	15,700	44.8	171.8	15,800	45.6	169.5	16,000
210	30	190	40.2	161.6	14,100	41.2	160.3	14,200			
210	30	200	36.3	148.6	12,700	37.3	147.3	12,800			
210	30	210	32.0	133.5	11,400						
210	30	220	27.1	115.5	10,300						

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
210	40	50	80.1	255.2	36,000 *	81.6	254.2	35,900 *			
210	40	60	77.8	253.1	36,000 *	79.3	252.0	35,600 *	80.7	250.0	34,600 *
210	40	70	75.4	250.6	36,000 *	76.9	249.5	35,300 *	78.3	247.4	34,500 *
210	40	80	73.1	247.6	36,000 *	74.6	246.5	35,000 *	75.9	244.4	34,300 *
210	40	90	70.7	244.2	35,800 *	72.1	243.1	34,700 *	73.5	240.9	32,900 *
210	40	100	68.2	240.3	33,900 *	69.7	239.2	32,500 *	71.0	237.0	31,100 *
210	40	110	65.7	235.8	31,900 *	67.2	234.7	30,800 *	68.5	232.5	29,500 *
210	40	120	63.2	230.9	30,100 *	64.7	229.7	29,100 *	65.9	227.5	28,100 *
210	40	130	60.6	225.4	28,000	62.0	224.2	27,600 *	63.3	221.9	26,100 *
210	40	140	57.9	219.3	24,800	59.4	218.0	25,200	60.6	215.6	24,000 *
210	40	150	55.2	212.4	22,200	56.6	211.2	22,500	57.8	208.7	21,700 *
210	40	160	52.4	204.9	19,800	53.7	203.6	20,100	54.9	201.0	19,800 *
210	40	170	49.4	196.5	17,800	50.8	195.2	18,000	51.9	192.5	18,300
210	40	180	46.3	187.2	16,000	47.6	185.8	16,200	48.7	182.9	16,400
210	40	190	43.0	176.8	14,400	44.3	175.3	14,600	45.3	172.3	14,800
210	40	200	39.5	165.1	13,000	40.8	163.5	13,100			
210	40	210	35.7	151.8	11,800	37.0	150.0	11,800			
210	40	220	31.5	136.3	10,600						
210	40	230	26.8	117.7	9,600						
210	50	50	80.7	265.3	32,000 *						
210	50	60	78.4	263.3	32,000 *	80.3	262.1	31,500 *	82.0	259.6	29,400 *
210	50	70	76.2	260.9	32,000 *	78.0	259.6	31,000 *	79.7	257.1	29,100 *
210	50	80	73.9	258.0	32,000 *	75.7	256.8	30,400 *	77.4	254.2	27,200 *
210	50	90	71.6	254.8	30,900 *	73.4	253.5	29,500 *	75.1	250.9	25,600 *
210	50	100	69.3	251.0	28,900 *	71.1	249.7	27,700 *	72.7	247.1	24,300 *
210	50	110	66.9	246.8	27,100 *	68.7	245.5	26,100 *	70.3	242.8	23,100 *
210	50	120	64.5	242.1	25,500 *	66.3	240.7	24,600 *	67.8	238.0	22,000 *
210	50	130	62.0	236.8	23,900 *	63.8	235.4	23,200 *	65.3	232.6	21,000 *
210	50	140	59.5	231.0	22,500 *	61.2	229.6	21,900 *	62.7	226.7	19,000 *
210	50	150	56.9	224.6	21,200 *	58.6	223.1	20,700 *	60.1	220.2	17,400 *
210	50	160	54.2	217.5	20,100 *	55.9	216.0	19,600 *	57.4	212.9	15,900 *
210	50	170	51.4	209.6	18,100	53.1	208.1	18,400	54.5	204.9	14,500 *
210	50	180	48.6	201.0	16,300	50.2	199.3	16,600	51.5	196.0	13,400 *
210	50	190	45.5	191.3	14,700	47.1	189.6	15,000	48.4	186.1	12,300 *
210	50	200	42.3	180.6	13,300	43.9	178.7	13,500	45.1	175.0	11,300 *
210	50	210	38.9	168.5	12,000	40.4	166.5	12,200			
210	50	220	35.2	154.8	10,900	36.7	152.6	11,000			
210	50	230	31.1	138.9	9,800						
210	50	240	26.4	120.0	8,900						
210	60	50	81.2	275.5	26,900 *						
210	60	60	79.1	273.5	26,700 *	81.2	272.1	26,000 *			
210	60	70	76.9	271.2	26,500 *	79.0	269.7	25,500 *	81.0	266.8	23,600 *
210	60	80	74.7	268.5	26,400 *	76.8	267.0	25,000 *	78.8	264.0	22,200 *
210	60	90	72.5	265.3	26,200 *	74.6	263.8	24,500 *	76.5	260.8	20,900 *
210	60	100	70.3	261.7	25,000 *	72.3	260.2	23,900 *	74.2	257.2	19,700 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
210	60	110	68.0	257.7	23,400 *	70.1	256.1	22,500 *	71.9	253.1	18,700 *
210	60	120	65.7	253.2	21,900 *	67.7	251.6	21,100 *	69.6	248.5	17,800 *
210	60	130	63.3	248.2	20,500 *	65.4	246.6	19,800 *	67.2	243.4	16,800 *
210	60	140	60.9	242.6	19,300 *	62.9	241.0	18,700 *	64.7	237.7	15,400 *
210	60	150	58.5	236.5	18,100 *	60.5	234.8	17,600 *	62.2	231.5	13,900 *
210	60	160	55.9	229.8	17,100 *	57.9	228.1	16,700 *	59.6	224.6	12,800 *
210	60	170	53.3	222.4	16,100 *	55.3	220.6	15,800 *	56.9	217.0	11,500 *
210	60	180	50.6	214.3	15,200 *	52.5	212.4	14,700 *	54.1	208.7	10,600 *
210	60	190	47.8	205.3	14,400 *	49.7	203.3	13,800 *	51.2	199.4	9,800 *
210	60	200	44.8	195.4	13,500 *	46.7	193.3	12,700 *	48.2	189.2	8,900 *
210	60	210	41.7	184.3	12,300 *	43.5	182.1	11,700 *			
210	60	220	38.3	171.9	11,100 *	40.1	169.5	10,900 *			
210	60	230	34.7	157.8	10,100 *	36.4	155.2	10,200 *			
210	60	240	30.6	141.5	9,100 *						
210	60	250	26.1	122.1	8,200 *						
210	70	50	81.7	285.6	21,900 *						
210	70	60	79.6	283.7	21,600 *						
210	70	70	77.5	281.5	21,300 *	79.9	279.8	20,000 *			
210	70	80	75.4	278.8	21,000 *	77.8	277.2	19,600 *	80.0	273.9	18,100 *
210	70	90	73.3	275.8	20,600 *	75.7	274.1	19,200 *	77.9	270.8	17,500 *
210	70	100	71.2	272.4	20,300 *	73.5	270.7	18,800 *	75.7	267.3	16,500 *
210	70	110	69.0	268.5	19,800 *	71.3	266.8	18,300 *	73.5	263.3	15,600 *
210	70	120	66.8	264.2	19,000 *	69.1	262.4	18,000 *	71.2	258.9	14,900 *
210	70	130	64.5	259.4	17,800 *	66.8	257.6	17,200 *	68.9	254.0	13,700 *
210	70	140	62.2	254.1	16,600 *	64.5	252.3	16,200 *	66.6	248.6	12,400 *
210	70	150	59.9	248.3	15,600 *	62.2	246.4	15,200 *	64.2	242.7	11,200 *
210	70	160	57.5	241.9	14,700 *	59.7	240.0	14,200 *	61.7	236.2	10,200 *
210	70	170	55.0	234.9	13,800 *	57.2	232.9	13,300 *	59.2	229.0	9,200 *
210	70	180	52.4	227.2	13,100 *	54.6	225.2	12,200 *	56.5	221.1	8,600 *
210	70	190	49.8	218.8	12,300 *	52.0	216.7	11,300 *	53.8	212.4	7,700 *
210	70	200	47.0	209.5	11,700 *	49.2	207.3	10,500 *	50.9	202.8	7,200 *
210	70	210	44.1	199.3	11,100 *	46.2	196.9	9,700 *	47.9	192.2	6,500 *
210	70	220	41.0	187.9	10,500 *	43.1	185.4	8,900 *			
210	70	230	37.7	175.2	10,000 *	39.8	172.5	8,400 *			
210	70	240	34.2	160.8	9,300 *	36.1	157.8	7,900 *			
210	70	250	30.2	144.1	8,500 *						
210	70	260	25.7	124.3	7,600 *						
210	80	60	80.2	293.9	17,700 *						
210	80	70	78.1	291.7	17,400 *	80.8	289.9	16,200 *			
210	80	80	76.1	289.2	17,100 *	78.7	287.4	15,800 *	81.2	283.7	14,400 *
210	80	90	74.1	286.3	16,800 *	76.7	284.4	15,400 *	79.2	280.8	14,100 *
210	80	100	72.0	283.0	16,500 *	74.6	281.1	15,000 *	77.0	277.4	13,900 *
210	80	110	69.9	279.3	16,000 *	72.5	277.4	14,600 *	74.9	273.6	13,300 *
210	80	120	67.8	275.1	15,600 *	70.4	273.2	14,300 *	72.7	269.3	12,100 *
210	80	130	65.6	270.5	15,200 *	68.2	268.6	14,000 *	70.5	264.7	10,900 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
210	80	140	63.4	265.5	14,500 *	66.0	263.5	13,800 *	68.3	259.5	9,900 *
210	80	150	61.2	259.9	13,600 *	63.7	257.9	12,800 *	66.0	253.8	9,000 *
210	80	160	58.9	253.8	12,800 *	61.4	251.7	11,800 *	63.6	247.6	8,300 *
210	80	170	56.5	247.2	12,000 *	59.0	245.0	11,000 *	61.2	240.7	7,400 *
210	80	180	54.1	239.9	11,300 *	56.6	237.7	10,000 *	58.7	233.2	6,800 *
210	80	190	51.6	232.0	10,700 *	54.1	229.6	9,200 *	56.1	225.0	6,300 *
210	80	200	49.0	223.2	10,100 *	51.4	220.8	8,500 *	53.5	216.1	5,700 *
210	80	210	46.3	213.7	9,600 *	48.7	211.2	8,000 *	50.6	206.1	5,300 *
210	80	220	43.5	203.2	9,100 *	45.8	200.5	7,400 *	47.7	195.2	4,800 *
210	80	230	40.4	191.5	8,600 *	42.7	188.7	6,900 *			
210	80	240	37.2	178.4	8,200 *	39.5	175.4	6,400 *			
210	80	250	33.7	163.7	7,900 *	35.9	160.3	6,100 *			
210	80	260	29.8	146.6	7,500 *						
210	80	270	25.4	126.4	7,100						
210	90	60	80.6	304.1	13,700 *						
210	90	70	78.7	302.0	13,500 *	81.6	300.0	12,400 *			
210	90	80	76.8	299.5	13,200 *	79.6	297.6	12,000 *			
210	90	90	74.8	296.7	12,900 *	77.6	294.7	11,600 *	80.3	290.7	10,300 *
210	90	100	72.8	293.5	12,600 *	75.6	291.5	11,200 *	78.3	287.5	10,200 *
210	90	110	70.8	290.0	12,200 *	73.6	287.9	10,800 *	76.2	283.8	10,100 *
210	90	120	68.7	286.0	11,800 *	71.6	283.9	10,400 *	74.2	279.7	9,900 *
210	90	130	66.7	281.6	11,400 *	69.5	279.4	10,300 *	72.0	275.2	9,100 *
210	90	140	64.6	276.7	11,000 *	67.3	274.6	10,100 *	69.9	270.3	8,200 *
210	90	150	62.4	271.4	10,500 *	65.2	269.2	10,000 *	67.7	264.8	7,400 *
210	90	160	60.2	265.6	10,300 *	63.0	263.3	9,700 *	65.4	258.8	6,800 *
210	90	170	58.0	259.2	10,200 *	60.7	256.9	8,900 *	63.1	252.3	6,100 *
210	90	180	55.7	252.3	9,900 *	58.4	250.0	8,300 *	60.8	245.2	5,500 *
210	90	190	53.3	244.8	9,400 *	56.0	242.3	7,600 *	58.3	237.4	5,100 *
210	90	200	50.8	236.6	8,800 *	53.5	234.0	7,000 *	55.8	228.9	4,600 *
210	90	210	48.3	227.6	8,400 *	50.9	224.9	6,600 *	53.1	219.6	4,200 *
210	90	220	45.6	217.8	7,900 *	48.2	215.0	6,100 *	50.4	209.4	3,900 *
210	90	230	42.8	206.9	7,500 *	45.4	204.0	5,600 *	47.4	198.1	3,700 *
210	90	240	39.9	195.0	7,200 *	42.4	191.9	5,200 *			
210	90	250	36.7	181.6	6,800 *	39.2	178.3	4,900 *			
210	90	260	33.3	166.5	6,400 *	35.6	162.8	4,700 *			
210	90	270	29.5	149.1	6,100 *						
210	90	280	25.1	128.4	5,800 *						
210	100	60	81.1	314.2	9,800 *						
210	100	70	79.2	312.2	9,500 *						
210	100	80	77.4	309.8	9,300 *	80.4	307.7	8,300 *			
210	100	90	75.4	307.1	9,000 *	78.5	305.0	8,100 *	81.5	300.7	7,400 *
210	100	100	73.5	304.1	8,700 *	76.6	301.9	7,900 *	79.5	297.5	7,300 *
210	100	110	71.6	300.6	8,400 *	74.6	298.4	7,700 *	77.5	294.0	7,100 *
210	100	120	69.6	296.8	8,200 *	72.7	294.5	7,500 *	75.5	290.1	7,000 *
210	100	130	67.6	292.5	8,000 *	70.6	290.3	7,400 *	73.5	285.7	6,900 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

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Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
210	100	140	65.6	287.9	7,800 *	68.6	285.6	7,200 *	71.4	281.0	6,700 *
210	100	150	63.5	282.8	7,600 *	66.5	280.4	7,100 *	69.3	275.7	6,000 *
210	100	160	61.4	277.2	7,400 *	64.4	274.8	6,900 *	67.1	270.0	5,500 *
210	100	170	59.3	271.1	7,300 *	62.2	268.7	6,800 *	64.9	263.8	5,000 *
210	100	180	57.1	264.5	7,100 *	60.0	262.0	6,600 *	62.6	257.0	4,500 *
210	100	190	54.8	257.4	7,000 *	57.7	254.8	6,300 *	60.3	249.6	4,100 *
210	100	200	52.5	249.6	6,800 *	55.4	246.9	5,800 *	57.9	241.6	3,800 *
210	100	210	50.1	241.1	6,600 *	53.0	238.3	5,400 *	55.4	232.8	3,400 *
210	100	220	47.6	231.8	6,500 *	50.4	229.0	5,000 *	52.8	223.2	3,200 *
210	100	230	45.0	221.7	6,300 *	47.8	218.7	4,600 *	50.1	212.6	3,000 *
210	100	240	42.3	210.6	5,900 *	45.0	207.5	4,300 *	47.2	201.0	2,700 *
210	100	250	39.3	198.4	5,600 *	42.0	195.0	4,100 *			
210	100	260	36.2	184.7	5,300 *	38.9	181.1	3,800 *			
210	100	270	32.9	169.3	5,000 *	35.4	165.3	3,600 *			
210	100	280	29.1	151.5	4,500 *						
220	30	50	79.9	255.2	40,000 *	81.0	254.4	40,000 *			
220	30	60	77.6	253.1	40,000 *	78.7	252.3	40,000 *	79.8	250.7	40,000 *
220	30	70	75.2	250.6	40,000 *	76.4	249.8	40,000 *	77.4	248.1	40,000 *
220	30	80	72.9	247.6	40,000 *	74.0	246.8	40,000 *	75.0	245.1	40,000 *
220	30	90	70.5	244.2	40,000 *	71.6	243.3	40,000 *	72.6	241.7	39,700 *
220	30	100	68.0	240.3	40,000 *	69.1	239.4	40,000 *	70.1	237.7	37,700 *
220	30	110	65.5	235.9	35,500	66.6	235.0	35,900	67.6	233.2	35,200 *
220	30	120	63.0	230.9	31,000	64.1	230.0	31,400	65.0	228.2	31,800
220	30	130	60.4	225.4	27,300	61.5	224.5	27,600	62.4	222.6	28,000
220	30	140	57.8	219.3	24,100	58.8	218.3	24,400	59.7	216.4	24,700
220	30	150	55.0	212.5	21,500	56.1	211.5	21,700	56.9	209.5	22,000
220	30	160	52.2	204.9	19,100	53.2	203.9	19,300	54.0	201.9	19,600
220	30	170	49.2	196.6	17,100	50.2	195.5	17,300	51.0	193.4	17,500
220	30	180	46.1	187.3	15,300	47.1	186.1	15,500	47.9	183.9	15,600
220	30	190	42.8	176.9	13,800	43.8	175.7	13,900			
220	30	200	39.3	165.2	12,300	40.3	163.9	12,400			
220	30	210	35.5	151.8	11,100	36.4	150.4	11,100			
220	30	220	31.3	136.3	9,900						
220	30	230	26.6	117.8	8,900						
220	40	50	80.5	265.4	36,000 *	81.9	264.3	35,900 *			
220	40	60	78.2	263.3	36,000 *	79.7	262.3	35,700 *	81.1	260.2	34,600 *
220	40	70	76.0	260.9	36,000 *	77.4	259.9	35,400 *	78.8	257.7	34,500 *
220	40	80	73.7	258.1	36,000 *	75.2	257.0	35,100 *	76.5	254.9	34,300 *
220	40	90	71.4	254.8	35,500 *	72.9	253.7	34,800 *	74.2	251.5	32,800 *
220	40	100	69.1	251.1	33,400 *	70.5	249.9	32,100 *	71.8	247.7	31,200 *
220	40	110	66.7	246.8	31,500 *	68.1	245.7	30,400 *	69.4	243.5	29,500 *
220	40	120	64.3	242.1	29,700 *	65.7	241.0	28,700 *	67.0	238.7	26,800 *
220	40	130	61.8	236.9	27,600	63.2	235.7	27,200 *	64.4	233.4	24,500 *
220	40	140	59.3	231.1	24,500	60.7	229.9	24,900	61.9	227.5	22,100 *
220	40	150	56.7	224.6	21,800	58.1	223.4	22,200	59.2	220.9	20,400 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
220	40	160	54.0	217.5	19,500	55.4	216.2	19,800	56.5	213.7	18,500 *
220	40	170	51.3	209.7	17,400	52.6	208.3	17,700	53.7	205.7	17,100 *
220	40	180	48.4	201.0	15,700	49.7	199.6	15,900	50.7	196.8	15,600 *
220	40	190	45.3	191.4	14,100	46.6	189.9	14,300	47.6	187.0	14,500
220	40	200	42.1	180.6	12,700	43.4	179.1	12,800			
220	40	210	38.7	168.6	11,400	39.9	166.9	11,500			
220	40	220	35.0	154.9	10,200	36.2	153.0	10,300			
220	40	230	30.9	139.0	9,200						
220	40	240	26.2	120.0	8,200						
220	50	50	81.0	275.5	32,000 *						
220	50	60	78.9	273.6	32,000 *	80.6	272.3	31,600 *			
220	50	70	76.7	271.2	32,000 *	78.5	269.9	31,100 *	80.1	267.4	29,200 *
220	50	80	74.5	268.5	32,000 *	76.3	267.2	30,500 *	77.9	264.6	27,600 *
220	50	90	72.3	265.3	30,500 *	74.1	264.0	29,100 *	75.6	261.4	26,000 *
220	50	100	70.1	261.8	28,600 *	71.8	260.4	27,400 *	73.4	257.8	24,600 *
220	50	110	67.8	257.7	26,800 *	69.5	256.4	25,800 *	71.1	253.7	23,400 *
220	50	120	65.5	253.2	25,200 *	67.2	251.8	24,300 *	68.7	249.1	22,000 *
220	50	130	63.2	248.2	23,700 *	64.8	246.8	22,900 *	66.3	244.0	19,800 *
220	50	140	60.7	242.7	22,300 *	62.4	241.2	21,700 *	63.9	238.4	18,000 *
220	50	150	58.3	236.6	21,000 *	59.9	235.1	20,500 *	61.4	232.2	16,400 *
220	50	160	55.7	229.8	19,800	57.4	228.3	19,200 *	58.8	225.3	15,000 *
220	50	170	53.1	222.5	17,700	54.7	220.9	17,800 *	56.1	217.8	13,700 *
220	50	180	50.4	214.3	15,900	52.0	212.7	16,200	53.3	209.4	12,600 *
220	50	190	47.6	205.3	14,300	49.2	203.6	14,600	50.4	200.2	11,500 *
220	50	200	44.6	195.4	12,900	46.2	193.6	13,200	47.4	190.0	10,600 *
220	50	210	41.5	184.3	11,700	43.0	182.4	11,800			
220	50	220	38.1	171.9	10,500	39.6	169.9	10,600			
220	50	230	34.5	157.9	9,500	35.9	155.6	9,600			
220	50	240	30.5	141.6	8,500						
220	50	250	25.9	122.2	7,600						
220	60	50	81.5	285.6	26,900 *						
220	60	60	79.4	283.7	26,700 *	81.5	282.3	26,000 *			
220	60	70	77.4	281.5	26,600 *	79.4	280.0	25,600 *	81.3	277.1	23,900 *
220	60	80	75.3	278.9	26,400 *	77.3	277.4	25,100 *	79.2	274.4	22,400 *
220	60	90	73.1	275.8	26,200 *	75.2	274.3	24,600 *	77.0	271.3	21,100 *
220	60	100	71.0	272.4	24,800 *	73.0	270.9	23,700 *	74.8	267.8	20,000 *
220	60	110	68.8	268.5	23,200 *	70.8	267.0	22,200 *	72.6	263.9	19,000 *
220	60	120	66.6	264.2	21,700 *	68.6	262.6	20,900 *	70.4	259.5	17,800 *
220	60	130	64.4	259.4	20,300 *	66.3	257.8	19,700 *	68.1	254.6	16,200 *
220	60	140	62.1	254.1	19,100 *	64.0	252.5	18,500 *	65.7	249.2	14,600 *
220	60	150	59.7	248.3	18,000 *	61.6	246.6	17,500 *	63.3	243.3	13,300 *
220	60	160	57.3	241.9	16,900 *	59.2	240.2	16,200 *	60.9	236.8	12,100 *
220	60	170	54.8	234.9	16,000 *	56.7	233.2	15,200 *	58.3	229.6	11,000 *
220	60	180	52.3	227.3	15,100 *	54.1	225.4	13,900 *	55.7	221.7	10,100 *
220	60	190	49.6	218.8	14,300 *	51.5	216.9	12,800 *	53.0	213.1	9,200 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
220	60	200	46.8	209.6	13,200	48.7	207.6	11,700 *	50.1	203.5	8,400 *
220	60	210	43.9	199.3	11,900	45.7	197.2	11,000 *	47.2	193.0	7,800 *
220	60	220	40.9	188.0	10,700	42.6	185.7	10,200 *			
220	60	230	37.6	175.2	9,700	39.3	172.8	9,500 *			
220	60	240	34.0	160.8	8,700	35.7	158.2	8,900			
220	60	250	30.1	144.2	7,900						
220	60	260	25.6	124.3	7,100						
220	70	50	82.0	295.7	21,900 *						
220	70	60	80.0	293.9	21,600 *						
220	70	70	78.0	291.8	21,300 *	80.3	290.1	20,100 *			
220	70	80	76.0	289.2	21,000 *	78.2	287.5	19,700 *	80.4	284.2	18,200 *
220	70	90	73.9	286.3	20,700 *	76.2	284.6	19,300 *	78.3	281.2	17,600 *
220	70	100	71.8	283.0	20,400 *	74.1	281.3	18,900 *	76.2	277.9	16,700 *
220	70	110	69.8	279.3	20,000 *	72.0	277.5	18,500 *	74.1	274.1	15,800 *
220	70	120	67.6	275.1	18,800 *	69.9	273.4	18,100 *	71.9	269.9	14,600 *
220	70	130	65.5	270.5	17,600 *	67.7	268.7	17,000 *	69.7	265.2	13,100 *
220	70	140	63.3	265.5	16,500 *	65.5	263.7	16,000 *	67.5	260.0	11,800 *
220	70	150	61.0	259.9	15,500 *	63.2	258.1	14,900 *	65.2	254.3	10,700 *
220	70	160	58.7	253.9	14,600 *	60.9	251.9	13,700 *	62.8	248.1	9,700 *
220	70	170	56.4	247.2	13,700 *	58.5	245.2	12,600 *	60.4	241.3	8,900 *
220	70	180	54.0	239.9	12,900 *	56.1	237.9	11,400 *	57.9	233.8	8,100 *
220	70	190	51.5	232.0	12,200 *	53.6	229.9	10,600 *	55.4	225.7	7,400 *
220	70	200	48.9	223.3	11,600 *	50.9	221.1	10,000 *	52.7	216.7	6,800 *
220	70	210	46.1	213.7	11,000 *	48.2	211.4	9,200 *	49.9	206.8	6,300 *
220	70	220	43.3	203.2	10,400 *	45.3	200.8	8,500 *	46.9	195.9	5,700 *
220	70	230	40.3	191.5	9,900	42.3	188.9	7,800 *			
220	70	240	37.1	178.5	8,900	39.0	175.7	7,300 *			
220	70	250	33.6	163.7	8,100	35.4	160.7	6,900 *			
220	70	260	29.7	146.7	7,300						
220	70	270	25.3	126.4	6,500						
220	80	60	80.5	304.1	17,700 *						
220	80	70	78.5	302.0	17,400 *	81.1	300.2	16,300 *			
220	80	80	76.6	299.6	17,100 *	79.1	297.7	15,900 *	81.5	294.0	14,400 *
220	80	90	74.6	296.7	16,800 *	77.2	294.9	15,500 *	79.5	291.2	14,200 *
220	80	100	72.6	293.6	16,500 *	75.1	291.7	15,100 *	77.5	287.9	13,900 *
220	80	110	70.6	290.0	16,200 *	73.1	288.1	14,700 *	75.4	284.3	13,100 *
220	80	120	68.6	286.0	15,800 *	71.1	284.0	14,300 *	73.4	280.2	11,700 *
220	80	130	66.5	281.6	15,400 *	69.0	279.6	14,100 *	71.2	275.7	10,600 *
220	80	140	64.4	276.7	14,400 *	66.9	274.7	13,500 *	69.1	270.7	9,600 *
220	80	150	62.3	271.4	13,500 *	64.7	269.4	12,200 *	66.9	265.3	8,700 *
220	80	160	60.1	265.6	12,700 *	62.5	263.5	11,300 *	64.6	259.3	8,000 *
220	80	170	57.8	259.3	11,900 *	60.2	257.1	10,400 *	62.3	252.8	7,100 *
220	80	180	55.5	252.3	11,200 *	57.9	250.1	9,700 *	60.0	245.7	6,600 *
220	80	190	53.1	244.8	10,600 *	55.5	242.5	8,900 *	57.5	238.0	6,000 *
220	80	200	50.7	236.6	10,000 *	53.0	234.2	8,100 *	55.0	229.5	5,600 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
220	80	210	48.1	227.6	9,500 *	50.4	225.2	7,500 *	52.4	220.2	5,000 *
220	80	220	45.5	217.8	9,000 *	47.7	215.2	7,000 *	49.6	210.0	4,700 *
220	80	230	42.7	207.0	8,600 *	44.9	204.2	6,500 *	46.7	198.8	4,300 *
220	80	240	39.7	195.0	8,100 *	41.9	192.1	6,200 *			
220	80	250	36.6	181.6	7,700 *	38.7	178.5	5,700 *			
220	80	260	33.1	166.5	7,200 *	35.2	163.1	5,400 *			
220	80	270	29.3	149.1	6,700						
220	90	60	81.0	314.2	13,800 *						
220	90	70	79.1	312.2	13,500 *	81.9	310.2	12,400 *			
220	90	80	77.2	309.9	13,200 *	80.0	307.9	12,000 *			
220	90	90	75.3	307.1	12,900 *	78.1	305.1	11,700 *	80.7	301.1	10,400 *
220	90	100	73.4	304.1	12,700 *	76.1	302.0	11,300 *	78.7	297.9	10,200 *
220	90	110	71.4	300.6	12,300 *	74.2	298.5	10,900 *	76.7	294.4	10,100 *
220	90	120	69.5	296.8	11,900 *	72.2	294.7	10,500 *	74.7	290.5	9,600 *
220	90	130	67.5	292.5	11,500 *	70.2	290.4	10,300 *	72.7	286.2	8,700 *
220	90	140	65.4	287.9	11,100 *	68.1	285.7	10,200 *	70.6	281.4	8,000 *
220	90	150	63.4	282.8	10,700 *	66.1	280.6	10,000 *	68.5	276.2	7,100 *
220	90	160	61.3	277.2	10,400 *	63.9	275.0	9,400 *	66.3	270.5	6,500 *
220	90	170	59.1	271.1	10,300 *	61.8	268.8	8,700 *	64.1	264.2	5,800 *
220	90	180	56.9	264.6	9,900 *	59.6	262.2	8,000 *	61.9	257.5	5,400 *
220	90	190	54.7	257.4	9,300 *	57.3	254.9	7,300 *	59.6	250.1	4,800 *
220	90	200	52.4	249.6	8,800 *	54.9	247.1	6,800 *	57.2	242.0	4,500 *
220	90	210	49.9	241.1	8,300 *	52.5	238.5	6,300 *	54.7	233.3	4,100 *
220	90	220	47.4	231.9	7,800 *	50.0	229.2	5,800 *	52.1	223.7	3,700 *
220	90	230	44.8	221.8	7,400 *	47.3	218.9	5,400 *	49.4	213.2	3,400 *
220	90	240	42.1	210.7	6,800 *	44.5	207.7	5,000 *	46.5	201.6	3,300 *
220	90	250	39.2	198.4	6,500 *	41.6	195.2	4,700 *			
220	90	260	36.1	184.7	6,100 *	38.4	181.3	4,300 *			
220	90	270	32.7	169.3	5,700 *						
220	90	280	29.0	151.6	5,400 *						
220	100	60	81.4	324.4	9,900 *						
220	100	70	79.6	322.4	9,600 *						
220	100	80	77.8	320.1	9,300 *	80.7	318.0	8,300 *			
220	100	90	75.9	317.5	9,000 *	78.9	315.3	8,100 *	81.7	311.0	7,400 *
220	100	100	74.1	314.5	8,800 *	77.0	312.3	8,000 *	79.8	308.0	7,300 *
220	100	110	72.2	311.2	8,500 *	75.1	309.0	7,800 *	77.9	304.6	7,200 *
220	100	120	70.3	307.5	8,300 *	73.2	305.3	7,600 *	76.0	300.8	7,000 *
220	100	130	68.4	303.4	8,100 *	71.3	301.1	7,400 *	74.0	296.6	6,900 *
220	100	140	66.4	298.9	7,900 *	69.3	296.6	7,300 *	72.0	292.0	6,500 *
220	100	150	64.4	294.0	7,700 *	67.3	291.7	7,100 *	70.0	287.0	6,000 *
220	100	160	62.4	288.7	7,500 *	65.3	286.3	7,000 *	67.9	281.5	5,300 *
220	100	170	60.4	282.9	7,300 *	63.2	280.4	6,900 *	65.8	275.5	4,800 *
220	100	180	58.3	276.6	7,200 *	61.1	274.1	6,500 *	63.6	269.0	4,400 *
220	100	190	56.1	269.7	7,000 *	58.9	267.2	6,100 *	61.4	262.0	4,000 *
220	100	200	53.9	262.3	6,900 *	56.7	259.7	5,600 *	59.1	254.4	3,700 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
220	100	210	51.6	254.3	6,700 *	54.4	251.5	5,200 *	56.8	246.0	3,300 *
220	100	220	49.2	245.6	6,600 *	52.0	242.7	4,800 *	54.3	237.0	3,100 *
220	100	230	46.8	236.1	6,100 *	49.5	233.1	4,400 *	51.8	227.1	2,800 *
220	100	240	44.2	225.7	5,700 *	46.9	222.6	4,200 *	49.1	216.3	2,600 *
220	100	250	41.5	214.3	5,300 *	44.2	211.0	3,900 *	46.3	204.4	2,400 *
220	100	260	38.7	201.8	5,100 *	41.3	198.3	3,600 *			
220	100	270	35.6	187.8	4,800 *	38.2	184.0	3,400 *			
220	100	280	32.3	172.1	4,500 *						
220	100	290	28.6	154.0	4,300 *						
230	30	50	80.3	265.4	40,000 *	81.4	264.6	40,000 *			
230	30	60	78.1	263.4	40,000 *	79.1	262.6	40,000 *	80.2	260.9	40,000 *
230	30	70	75.8	261.0	40,000 *	76.9	260.1	40,000 *	77.9	258.5	40,000 *
230	30	80	73.5	258.1	40,000 *	74.6	257.3	40,000 *	75.6	255.6	40,000 *
230	30	90	71.2	254.8	40,000 *	72.3	254.0	40,000 *	73.3	252.3	40,000 *
230	30	100	68.9	251.1	40,000 *	70.0	250.2	40,000 *	70.9	248.5	37,300 *
230	30	110	66.5	246.9	35,100	67.6	246.0	35,600	68.5	244.2	32,400 *
230	30	120	64.1	242.2	30,600	65.2	241.3	31,100	66.1	239.5	29,500 *
230	30	130	61.7	236.9	26,900	62.7	236.0	27,300	63.6	234.2	27,200 *
230	30	140	59.1	231.1	23,800	60.2	230.1	24,100	61.0	228.3	24,400
230	30	150	56.5	224.7	21,100	57.5	223.7	21,400	58.4	221.8	21,600
230	30	160	53.9	217.6	18,800	54.9	216.6	19,000	55.7	214.6	19,200
230	30	170	51.1	209.7	16,800	52.1	208.7	16,900	52.9	206.6	17,200
230	30	180	48.2	201.0	15,000	49.2	200.0	15,100	49.9	197.8	15,300
230	30	190	45.2	191.4	13,400	46.1	190.3	13,500	46.8	188.0	13,700
230	30	200	41.9	180.7	12,000	42.9	179.5	12,100			
230	30	210	38.5	168.6	10,700	39.4	167.3	10,800			
230	30	220	34.8	154.9	9,600	35.7	153.5	9,600			
230	30	230	30.7	139.0	8,500						
230	30	240	26.0	120.1	7,600						
230	40	50	80.8	275.5	36,000 *						
230	40	60	78.7	273.6	36,000 *	80.1	272.5	35,700 *	81.4	270.4	34,600 *
230	40	70	76.5	271.2	36,000 *	77.9	270.2	35,400 *	79.2	268.1	34,500 *
230	40	80	74.3	268.5	36,000 *	75.7	267.4	35,100 *	77.0	265.3	34,100 *
230	40	90	72.1	265.4	34,900 *	73.5	264.3	33,500 *	74.8	262.1	32,300 *
230	40	100	69.9	261.8	32,900 *	71.3	260.7	31,600 *	72.5	258.5	30,100 *
230	40	110	67.6	257.7	31,000 *	69.0	256.6	29,900 *	70.2	254.4	27,500 *
230	40	120	65.3	253.2	29,200 *	66.7	252.1	28,200 *	67.9	249.8	25,000 *
230	40	130	63.0	248.2	27,300	64.3	247.1	26,700 *	65.5	244.7	22,900 *
230	40	140	60.6	242.7	24,100	61.9	241.5	24,600	63.1	239.1	20,600 *
230	40	150	58.1	236.6	21,400	59.4	235.4	21,800	60.5	232.9	19,000 *
230	40	160	55.6	229.9	19,100	56.9	228.6	19,400	58.0	226.1	17,200 *
230	40	170	52.9	222.5	17,100	54.2	221.2	17,400	55.3	218.6	16,000 *
230	40	180	50.2	214.3	15,300	51.5	213.0	15,500	52.5	210.3	14,500 *
230	40	190	47.4	205.4	13,700	48.7	203.9	13,900	49.7	201.1	13,400 *
230	40	200	44.4	195.4	12,300	45.7	193.9	12,400	46.6	190.9	12,400 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
230	40	210	41.3	184.4	11,000	42.5	182.8	11,100			
230	40	220	38.0	172.0	9,900	39.1	170.3	10,000			
230	40	230	34.3	157.9	8,800	35.4	156.0	8,900			
230	40	240	30.3	141.6	7,900						
230	40	250	25.7	122.2	7,000						
230	50	50	81.3	285.6	32,000 *						
230	50	60	79.3	283.8	32,000 *	81.0	282.5	31,700 *			
230	50	70	77.2	281.5	32,000 *	78.9	280.2	31,200 *	80.5	277.7	29,300 *
230	50	80	75.1	278.9	32,000 *	76.8	277.6	30,600 *	78.3	275.0	27,900 *
230	50	90	73.0	275.9	30,100 *	74.6	274.6	28,800 *	76.2	271.9	26,300 *
230	50	100	70.8	272.4	28,200 *	72.5	271.1	27,000 *	74.0	268.5	25,000 *
230	50	110	68.6	268.6	26,500 *	70.3	267.2	25,400 *	71.8	264.5	22,600 *
230	50	120	66.4	264.2	24,900 *	68.1	262.9	24,000 *	69.6	260.1	20,800 *
230	50	130	64.2	259.5	23,400 *	65.8	258.1	22,600 *	67.3	255.3	18,700 *
230	50	140	61.9	254.2	22,000 *	63.5	252.7	21,200 *	64.9	249.9	17,000 *
230	50	150	59.5	248.4	20,800 *	61.1	246.9	19,700 *	62.5	244.0	15,400 *
230	50	160	57.1	242.0	19,400 *	58.7	240.5	17,900 *	60.1	237.5	14,100 *
230	50	170	54.7	235.0	17,400 *	56.2	233.4	16,600 *	57.6	230.3	12,900 *
230	50	180	52.1	227.3	15,600 *	53.6	225.7	15,400 *	54.9	222.5	11,800 *
230	50	190	49.4	218.9	14,000 *	51.0	217.2	14,000 *	52.2	213.9	10,800 *
230	50	200	46.7	209.6	12,600 *	48.2	207.9	12,800 *	49.4	204.4	10,100 *
230	50	210	43.8	199.4	11,300 *	45.2	197.5	11,500 *	46.4	193.8	9,200 *
230	50	220	40.7	188.0	10,100 *	42.1	186.0	10,300 *			
230	50	230	37.4	175.3	9,100 *	38.8	173.2	9,200 *			
230	50	240	33.8	160.9	8,100 *	35.2	158.5	8,200 *			
230	50	250	29.9	144.2	7,200 *						
230	50	260	25.4	124.4	6,400 *						
230	60	50	81.8	295.8	26,900 *						
230	60	60	79.8	293.9	26,800 *	81.8	292.5	26,100 *			
230	60	70	77.8	291.8	26,600 *	79.8	290.3	25,700 *	81.6	287.3	23,900 *
230	60	80	75.8	289.2	26,500 *	77.7	287.7	25,200 *	79.6	284.8	22,600 *
230	60	90	73.7	286.3	26,100 *	75.7	284.8	24,800 *	77.5	281.8	21,400 *
230	60	100	71.7	283.0	24,500 *	73.6	281.5	23,400 *	75.4	278.4	20,300 *
230	60	110	69.6	279.3	22,900 *	71.5	277.7	22,000 *	73.3	274.7	18,800 *
230	60	120	67.5	275.2	21,400 *	69.4	273.6	20,600 *	71.1	270.4	16,900 *
230	60	130	65.3	270.6	20,100 *	67.2	269.0	19,400 *	68.9	265.8	15,300 *
230	60	140	63.1	265.5	18,900 *	65.0	263.9	18,100 *	66.7	260.6	14,000 *
230	60	150	60.9	260.0	17,800 *	62.7	258.3	16,800 *	64.4	255.0	12,600 *
230	60	160	58.6	253.9	16,700 *	60.4	252.2	15,300 *	62.0	248.7	11,400 *
230	60	170	56.2	247.2	15,800 *	58.1	245.5	14,000 *	59.6	241.9	10,500 *
230	60	180	53.8	240.0	14,900 *	55.6	238.1	13,100 *	57.2	234.5	9,700 *
230	60	190	51.3	232.0	14,100 *	53.1	230.1	12,000 *	54.6	226.4	8,700 *
230	60	200	48.7	223.3	12,800 *	50.5	221.3	11,000 *	51.9	217.4	8,000 *
230	60	210	46.0	213.7	11,500 *	47.7	211.7	10,300 *	49.1	207.6	7,400 *
230	60	220	43.1	203.2	10,400 *	44.8	201.0	9,600 *	46.2	196.7	6,800 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
230	60	230	40.1	191.5	9,300	41.8	189.2	8,900 *			
230	60	240	36.9	178.5	8,400	38.5	176.0	8,200 *			
230	60	250	33.4	163.7	7,500						
230	60	260	29.5	146.7	6,700						
230	60	270	25.1	126.5	5,900						
230	70	60	80.3	304.1	21,700 *						
230	70	70	78.4	302.0	21,400 *	80.6	300.3	20,200 *			
230	70	80	76.4	299.6	21,100 *	78.6	297.9	19,800 *	80.7	294.5	18,200 *
230	70	90	74.5	296.8	20,800 *	76.7	295.1	19,400 *	78.7	291.7	17,800 *
230	70	100	72.5	293.6	20,500 *	74.7	291.8	19,000 *	76.7	288.4	16,900 *
230	70	110	70.5	290.0	19,900 *	72.6	288.2	18,600 *	74.7	284.8	15,300 *
230	70	120	68.4	286.0	18,600 *	70.6	284.2	18,000 *	72.6	280.7	13,900 *
230	70	130	66.3	281.6	17,500 *	68.5	279.8	16,700 *	70.5	276.2	12,700 *
230	70	140	64.2	276.8	16,400 *	66.4	274.9	15,400 *	68.3	271.3	11,500 *
230	70	150	62.1	271.4	15,400 *	64.2	269.6	14,100 *	66.1	265.8	10,400 *
230	70	160	59.9	265.6	14,500 *	62.0	263.7	12,900 *	63.9	259.9	9,200 *
230	70	170	57.6	259.3	13,600 *	59.7	257.3	11,900 *	61.6	253.4	8,600 *
230	70	180	55.3	252.4	12,800 *	57.4	250.4	10,900 *	59.2	246.3	7,700 *
230	70	190	53.0	244.8	12,100 *	55.0	242.8	10,100 *	56.8	238.6	7,100 *
230	70	200	50.5	236.6	11,500 *	52.5	234.5	9,300 *	54.3	230.1	6,400 *
230	70	210	48.0	227.6	10,900 *	50.0	225.4	8,500 *	51.6	220.9	6,000 *
230	70	220	45.3	217.8	10,200 *	47.3	215.5	8,000 *	48.9	210.7	5,500 *
230	70	230	42.5	207.0	9,500	44.5	204.5	7,400 *	46.0	199.5	5,100 *
230	70	240	39.6	195.0	8,600	41.5	192.4	6,900 *			
230	70	250	36.4	181.7	7,700	38.3	178.8	6,400 *			
230	70	260	33.0	166.6	6,900						
230	70	270	29.2	149.2	6,100						
230	80	60	80.8	314.3	17,800 *						
230	80	70	78.9	312.2	17,500 *	81.4	310.4	16,300 *			
230	80	80	77.0	309.9	17,200 *	79.5	308.0	15,900 *	81.8	304.3	14,400 *
230	80	90	75.1	307.2	16,900 *	77.6	305.3	15,600 *	79.9	301.5	14,200 *
230	80	100	73.2	304.1	16,600 *	75.6	302.2	15,200 *	77.9	298.4	14,000 *
230	80	110	71.3	300.6	16,300 *	73.7	298.7	14,800 *	75.9	294.9	12,700 *
230	80	120	69.3	296.8	15,900 *	71.7	294.8	14,400 *	73.9	291.0	11,400 *
230	80	130	67.3	292.6	15,300 *	69.7	290.6	14,100 *	71.9	286.6	10,200 *
230	80	140	65.3	287.9	14,300 *	67.7	285.9	12,900 *	69.8	281.9	9,300 *
230	80	150	63.2	282.8	13,400 *	65.6	280.7	11,900 *	67.7	276.7	8,400 *
230	80	160	61.1	277.2	12,600 *	63.5	275.1	10,800 *	65.6	271.0	7,700 *
230	80	170	59.0	271.2	11,900 *	61.3	269.0	9,900 *	63.4	264.8	6,900 *
230	80	180	56.8	264.6	11,200 *	59.1	262.4	9,200 *	61.1	258.0	6,300 *
230	80	190	54.5	257.4	10,500 *	56.8	255.1	8,500 *	58.8	250.6	5,800 *
230	80	200	52.2	249.6	10,000 *	54.5	247.3	7,800 *	56.4	242.6	5,300 *
230	80	210	49.8	241.1	9,400 *	52.0	238.7	7,100 *	53.9	233.9	4,900 *
230	80	220	47.3	231.9	8,800 *	49.5	229.4	6,600 *	51.4	224.3	4,500 *
230	80	230	44.7	221.8	8,100 *	46.9	219.2	6,200 *	48.6	213.9	4,100 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
230	80	240	41.9	210.7	7,600 *	44.1	207.9	5,800 *	45.8	202.3	3,800 *
230	80	250	39.0	198.4	7,100 *	41.1	195.5	5,300 *			
230	80	260	35.9	184.8	6,700 *	38.0	181.6	5,000 *			
230	80	270	32.6	169.4	6,300						
230	80	280	28.8	151.6	5,600						
230	90	60	81.2	324.4	13,800 *						
230	90	70	79.4	322.5	13,600 *						
230	90	80	77.6	320.2	13,300 *	80.3	318.1	12,100 *			
230	90	90	75.8	317.5	13,000 *	78.4	315.5	11,700 *	81.0	311.4	10,400 *
230	90	100	73.9	314.6	12,700 *	76.6	312.5	11,400 *	79.1	308.4	10,300 *
230	90	110	72.0	311.2	12,500 *	74.7	309.1	11,000 *	77.2	305.0	10,100 *
230	90	120	70.1	307.5	12,100 *	72.8	305.4	10,600 *	75.2	301.2	9,400 *
230	90	130	68.2	303.4	11,700 *	70.8	301.3	10,400 *	73.3	297.0	8,500 *
230	90	140	66.3	299.0	11,300 *	68.9	296.8	10,200 *	71.3	292.4	7,600 *
230	90	150	64.3	294.1	10,900 *	66.9	291.8	9,900 *	69.2	287.4	7,000 *
230	90	160	62.3	288.7	10,500 *	64.8	286.5	9,000 *	67.2	281.9	6,200 *
230	90	170	60.2	282.9	10,300 *	62.8	280.6	8,200 *	65.1	276.0	5,700 *
230	90	180	58.1	276.6	9,800 *	60.6	274.2	7,700 *	62.9	269.5	5,100 *
230	90	190	56.0	269.8	9,100 *	58.5	267.3	7,000 *	60.7	262.5	4,700 *
230	90	200	53.7	262.3	8,600 *	56.2	259.8	6,400 *	58.4	254.9	4,300 *
230	90	210	51.5	254.3	7,900 *	53.9	251.7	6,000 *	56.1	246.6	3,900 *
230	90	220	49.1	245.6	7,500 *	51.5	242.9	5,600 *	53.6	237.5	3,600 *
230	90	230	46.6	236.1	6,900 *	49.1	233.3	5,200 *	51.1	227.7	3,300 *
230	90	240	44.1	225.7	6,600 *	46.5	222.8	4,800 *	48.4	216.9	3,000 *
230	90	250	41.4	214.3	6,000 *	43.7	211.3	4,500 *	45.6	205.0	2,900 *
230	90	260	38.5	201.8	5,700 *	40.8	198.5	4,100 *			
230	90	270	35.5	187.8	5,400 *	37.7	184.3	3,900 *			
230	90	280	32.2	172.1	5,000 *						
230	90	290	28.5	154.0	4,800 *						
230	100	60	81.7	334.5	9,900 *						
230	100	70	79.9	332.6	9,600 *						
230	100	80	78.1	330.4	9,400 *	81.0	328.2	8,400 *			
230	100	90	76.3	327.9	9,100 *	79.2	325.7	8,200 *	82.0	321.3	7,400 *
230	100	100	74.6	325.0	8,800 *	77.4	322.8	8,000 *	80.2	318.4	7,300 *
230	100	110	72.7	321.8	8,600 *	75.6	319.5	7,800 *	78.3	315.1	7,200 *
230	100	120	70.9	318.2	8,300 *	73.8	315.9	7,600 *	76.4	311.4	7,100 *
230	100	130	69.1	314.3	8,200 *	71.9	312.0	7,400 *	74.5	307.4	6,900 *
230	100	140	67.2	309.9	8,000 *	70.0	307.6	7,300 *	72.6	303.0	6,400 *
230	100	150	65.3	305.2	7,800 *	68.1	302.9	7,200 *	70.7	298.1	5,700 *
230	100	160	63.3	300.1	7,600 *	66.1	297.7	7,000 *	68.7	292.9	5,200 *
230	100	170	61.4	294.5	7,400 *	64.1	292.0	6,900 *	66.7	287.1	4,700 *
230	100	180	59.3	288.5	7,300 *	62.1	285.9	6,400 *	64.6	280.9	4,200 *
230	100	190	57.3	281.9	7,100 *	60.0	279.3	5,800 *	62.5	274.2	3,900 *
230	100	200	55.2	274.8	7,000 *	57.9	272.2	5,400 *	60.3	266.9	3,500 *
230	100	210	53.0	267.2	6,700 *	55.7	264.5	4,900 *	58.0	259.0	3,200 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
230	100	220	50.7	258.9	6,200 *	53.4	256.1	4,500 *	55.7	250.5	3,000 *
230	100	230	48.4	249.9	5,900 *	51.1	247.0	4,300 *	53.3	241.2	2,700 *
230	100	240	46.0	240.2	5,500 *	48.6	237.1	4,000 *	50.8	231.0	2,500 *
230	100	250	43.5	229.5	5,000 *	46.1	226.4	3,700 *	48.2	219.9	2,300 *
230	100	260	40.9	217.9	4,800 *	43.4	214.5	3,500 *	45.4	207.7	2,200 *
230	100	270	38.1	205.1	4,500 *	40.5	201.5	3,200 *			
230	100	280	35.0	190.8	4,200 *	37.5	187.0	3,100 *			
230	100	290	31.8	174.8	4,100 *						
230	100	300	28.2	156.3	3,800 *						
240	30	50	80.6	275.5	40,000 *	81.7	274.7	40,000 *			
240	30	60	78.5	273.6	40,000 *	79.6	272.8	40,000 *	80.5	271.1	40,000 *
240	30	70	76.3	271.3	40,000 *	77.4	270.4	40,000 *	78.4	268.8	40,000 *
240	30	80	74.2	268.5	40,000 *	75.2	267.7	40,000 *	76.2	266.0	40,000 *
240	30	90	72.0	265.4	40,000 *	73.0	264.5	40,000 *	73.9	262.8	36,000 *
240	30	100	69.7	261.8	39,800	70.7	260.9	35,800 *	71.7	259.2	32,700 *
240	30	110	67.5	257.8	34,800	68.5	256.9	33,100 *	69.4	255.2	29,800 *
240	30	120	65.1	253.3	30,300	66.2	252.4	30,200 *	67.0	250.6	27,200 *
240	30	130	62.8	248.3	26,600	63.8	247.4	27,000	64.7	245.5	25,100 *
240	30	140	60.4	242.7	23,400	61.4	241.8	23,800	62.2	239.9	22,900 *
240	30	150	57.9	236.6	20,700	58.9	235.7	21,000	59.7	233.8	21,000 *
240	30	160	55.4	229.9	18,400	56.4	228.9	18,700	57.2	227.0	18,900
240	30	170	52.8	222.5	16,400	53.7	221.5	16,600	54.5	219.5	16,800
240	30	180	50.1	214.4	14,600	51.0	213.3	14,800	51.8	211.2	15,000
240	30	190	47.2	205.4	13,000	48.2	204.3	13,200	48.9	202.1	13,300
240	30	200	44.3	195.5	11,600	45.2	194.3	11,700	45.9	192.0	11,900
240	30	210	41.1	184.4	10,300	42.0	183.2	10,400			
240	30	220	37.8	172.0	9,200	38.6	170.7	9,200			
240	30	230	34.1	158.0	8,100						
240	30	240	30.1	141.7	7,200						
240	30	250	25.5	122.3	6,300						
240	40	50	81.2	285.7	36,000 *						
240	40	60	79.1	283.8	36,000 *	80.5	282.7	35,700 *	81.7	280.6	34,600 *
240	40	70	77.0	281.6	36,000 *	78.4	280.5	35,500 *	79.6	278.4	34,500 *
240	40	80	74.9	278.9	36,000 *	76.3	277.8	34,800 *	77.5	275.7	33,500 *
240	40	90	72.8	275.9	34,200 *	74.1	274.8	32,800 *	75.4	272.6	31,100 *
240	40	100	70.6	272.5	32,200 *	72.0	271.3	31,000 *	73.2	269.1	28,200 *
240	40	110	68.5	268.6	30,400 *	69.8	267.5	29,300 *	71.0	265.2	25,600 *
240	40	120	66.3	264.3	28,700 *	67.6	263.1	27,000 *	68.7	260.9	23,200 *
240	40	130	64.0	259.5	26,900	65.3	258.3	24,800 *	66.5	256.0	21,300 *
240	40	140	61.7	254.2	23,800	63.0	253.0	22,700 *	64.1	250.6	19,200 *
240	40	150	59.4	248.4	21,100	60.6	247.2	20,800 *	61.7	244.7	17,700 *
240	40	160	57.0	242.0	18,700	58.2	240.7	19,100	59.3	238.3	16,000 *
240	40	170	54.5	235.0	16,700	55.7	233.7	17,000	56.8	231.1	14,800 *
240	40	180	51.9	227.3	14,900	53.2	226.0	15,200	54.2	223.3	13,500 *
240	40	190	49.3	218.9	13,300	50.5	217.5	13,600	51.5	214.7	12,500 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
240	40	200	46.5	209.6	11,900	47.7	208.2	12,100	48.6	205.3	11,500 *
240	40	210	43.6	199.4	10,600	44.8	197.9	10,800	45.7	194.8	10,600 *
240	40	220	40.5	188.0	9,500	41.7	186.4	9,600			
240	40	230	37.2	175.3	8,400	38.4	173.6	8,500			
240	40	240	33.7	160.9	7,500						
240	40	250	29.7	144.3	6,600						
240	40	260	25.2	124.4	5,800						
240	50	50	81.6	295.8	32,000 *						
240	50	60	79.6	294.0	32,000 *	81.3	292.7	31,800 *			
240	50	70	77.6	291.8	32,000 *	79.3	290.5	31,300 *	80.8	288.0	29,300 *
240	50	80	75.6	289.3	31,600 *	77.2	288.0	30,100 *	78.8	285.4	28,200 *
240	50	90	73.6	286.4	29,600 *	75.2	285.0	28,300 *	76.7	282.4	26,400 *
240	50	100	71.5	283.0	27,800 *	73.1	281.7	26,600 *	74.6	279.1	23,900 *
240	50	110	69.4	279.3	26,100 *	71.0	278.0	25,000 *	72.5	275.3	21,600 *
240	50	120	67.3	275.2	24,500 *	68.9	273.8	23,600 *	70.3	271.1	19,500 *
240	50	130	65.1	270.6	23,000 *	66.7	269.2	21,700 *	68.1	266.4	17,600 *
240	50	140	62.9	265.5	21,700 *	64.5	264.1	19,900 *	65.9	261.3	15,900 *
240	50	150	60.7	260.0	20,500 *	62.2	258.5	18,200 *	63.6	255.6	14,500 *
240	50	160	58.4	253.9	19,000	59.9	252.4	16,700 *	61.3	249.4	13,200 *
240	50	170	56.0	247.3	17,000	57.6	245.7	15,400 *	58.9	242.7	12,100 *
240	50	180	53.6	240.0	15,200	55.1	238.4	14,000 *	56.4	235.3	11,000 *
240	50	190	51.1	232.0	13,600	52.6	230.4	13,000 *	53.8	227.1	10,100 *
240	50	200	48.5	223.3	12,200	50.0	221.6	12,000 *	51.2	218.2	9,400 *
240	50	210	45.8	213.8	10,900	47.3	212.0	11,100	48.4	208.4	8,600 *
240	50	220	43.0	203.2	9,700	44.4	201.4	9,900	45.5	197.6	8,000 *
240	50	230	39.9	191.6	8,700	41.3	189.6	8,900			
240	50	240	36.7	178.5	7,700	38.1	176.4	7,900			
240	50	250	33.2	163.8	6,900						
240	50	260	29.4	146.8	6,100						
240	60	60	80.2	304.1	26,800 *						
240	60	70	78.2	302.0	26,600 *	80.1	300.5	25,700 *	81.9	297.6	23,900 *
240	60	80	76.3	299.6	26,500 *	78.2	298.1	25,300 *	79.9	295.1	22,800 *
240	60	90	74.3	296.8	25,800 *	76.2	295.3	24,600 *	77.9	292.2	21,600 *
240	60	100	72.3	293.6	24,100 *	74.2	292.1	23,100 *	75.9	289.0	19,800 *
240	60	110	70.3	290.0	22,600 *	72.2	288.5	21,700 *	73.9	285.4	18,000 *
240	60	120	68.3	286.0	21,100 *	70.1	284.4	20,400 *	71.8	281.3	16,200 *
240	60	130	66.2	281.6	19,900 *	68.0	280.0	18,800 *	69.7	276.8	14,700 *
240	60	140	64.1	276.8	18,600 *	65.9	275.1	17,000 *	67.5	271.9	13,200 *
240	60	150	61.9	271.5	17,500 *	63.7	269.8	15,700 *	65.3	266.5	11,900 *
240	60	160	59.7	265.6	16,500 *	61.5	263.9	14,400 *	63.1	260.5	10,900 *
240	60	170	57.5	259.3	15,600 *	59.3	257.6	13,200 *	60.8	254.1	10,000 *
240	60	180	55.2	252.4	14,700 *	56.9	250.6	12,000 *	58.5	247.0	9,100 *
240	60	190	52.8	244.9	13,400 *	54.6	243.0	11,200 *	56.0	239.3	8,200 *
240	60	200	50.4	236.6	12,400	52.1	234.7	10,300 *	53.5	230.9	7,600 *
240	60	210	47.8	227.7	11,100	49.5	225.7	9,600 *	50.9	221.7	7,000 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
240	60	220	45.1	217.8	10,000	46.8	215.7	8,900 *	48.2	211.5	6,400 *
240	60	230	42.4	207.0	8,900	44.0	204.8	8,300 *	45.3	200.4	6,000 *
240	60	240	39.4	195.1	8,000	41.0	192.7	7,600 *			
240	60	250	36.2	181.7	7,100	37.8	179.2	7,100 *			
240	60	260	32.8	166.6	6,300						
240	60	270	29.0	149.2	5,500						
240	70	60	80.6	314.3	21,700 *						
240	70	70	78.8	312.3	21,500 *	80.9	310.6	20,200 *			
240	70	80	76.9	309.9	21,200 *	79.0	308.2	19,900 *	81.0	304.8	18,300 *
240	70	90	75.0	307.2	20,900 *	77.1	305.5	19,500 *	79.1	302.1	18,000 *
240	70	100	73.1	304.1	20,600 *	75.2	302.4	19,100 *	77.2	298.9	16,600 *
240	70	110	71.1	300.7	19,700 *	73.2	298.9	18,700 *	75.2	295.4	14,900 *
240	70	120	69.1	296.8	18,400 *	71.2	295.0	17,500 *	73.2	291.5	13,200 *
240	70	130	67.2	292.6	17,300 *	69.2	290.8	15,800 *	71.1	287.2	12,100 *
240	70	140	65.1	287.9	16,200 *	67.2	286.1	14,600 *	69.1	282.4	10,900 *
240	70	150	63.1	282.8	15,200 *	65.1	280.9	13,300 *	67.0	277.2	9,800 *
240	70	160	61.0	277.3	14,300 *	63.0	275.3	12,200 *	64.8	271.5	8,900 *
240	70	170	58.8	271.2	13,500 *	60.9	269.2	11,200 *	62.6	265.3	8,100 *
240	70	180	56.6	264.6	12,700 *	58.6	262.6	10,300 *	60.4	258.6	7,400 *
240	70	190	54.4	257.4	11,800 *	56.4	255.4	9,600 *	58.1	251.3	6,700 *
240	70	200	52.0	249.6	11,000 *	54.0	247.5	8,800 *	55.7	243.3	6,200 *
240	70	210	49.6	241.2	10,200 *	51.6	239.0	8,100 *	53.2	234.5	5,600 *
240	70	220	47.1	231.9	9,500 *	49.1	229.6	7,400 *	50.6	225.0	5,200 *
240	70	230	44.5	221.8	8,800 *	46.4	219.4	7,000 *	47.9	214.6	4,800 *
240	70	240	41.8	210.7	8,200	43.7	208.2	6,500 *	45.1	203.1	4,400 *
240	70	250	38.9	198.5	7,300	40.7	195.8	6,000 *			
240	70	260	35.8	184.8	6,500	37.6	181.9	5,600 *			
240	70	270	32.4	169.4	5,800						
240	70	280	28.7	151.6	5,100						
240	80	60	81.1	324.4	17,800 *						
240	80	70	79.3	322.5	17,500 *	81.7	320.6	16,400 *			
240	80	80	77.4	320.2	17,300 *	79.8	318.3	16,000 *			
240	80	90	75.6	317.6	17,000 *	78.0	315.7	15,600 *	80.2	311.9	14,200 *
240	80	100	73.7	314.6	16,700 *	76.1	312.7	15,300 *	78.3	308.9	13,600 *
240	80	110	71.9	311.3	16,400 *	74.2	309.3	14,900 *	76.4	305.5	12,300 *
240	80	120	70.0	307.6	16,000 *	72.3	305.6	14,500 *	74.5	301.7	11,000 *
240	80	130	68.1	303.5	15,100 *	70.4	301.5	13,500 *	72.5	297.5	9,900 *
240	80	140	66.1	299.0	14,200 *	68.4	297.0	12,300 *	70.5	292.9	8,900 *
240	80	150	64.1	294.1	13,300 *	66.4	292.0	11,300 *	68.5	287.9	8,100 *
240	80	160	62.1	288.7	12,500 *	64.4	286.6	10,300 *	66.4	282.5	7,400 *
240	80	170	60.1	282.9	11,700 *	62.3	280.8	9,500 *	64.3	276.5	6,600 *
240	80	180	58.0	276.6	11,000 *	60.2	274.4	8,700 *	62.2	270.1	6,000 *
240	80	190	55.8	269.8	10,300 *	58.0	267.5	8,100 *	60.0	263.0	5,500 *
240	80	200	53.6	262.4	9,500 *	55.8	260.1	7,400 *	57.7	255.4	5,000 *
240	80	210	51.3	254.3	8,900 *	53.5	251.9	6,800 *	55.4	247.2	4,600 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
240	80	220	48.9	245.6	8,200 *	51.1	243.1	6,400 *	52.9	238.2	4,200 *
240	80	230	46.5	236.1	7,600 *	48.6	233.5	5,900 *	50.4	228.3	3,900 *
240	80	240	43.9	225.7	7,100 *	46.0	223.0	5,400 *	47.7	217.6	3,600 *
240	80	250	41.2	214.4	6,700 *	43.3	211.5	5,100 *			
240	80	260	38.4	201.8	6,200 *	40.4	198.8	4,700 *			
240	80	270	35.3	187.9	5,900	37.3	184.6	4,400 *			
240	80	280	32.0	172.1	5,300						
240	80	290	28.3	154.0	4,600						
240	90	60	81.5	334.6	13,900 *						
240	90	70	79.7	332.7	13,600 *						
240	90	80	78.0	330.5	13,300 *	80.6	328.4	12,200 *			
240	90	90	76.2	327.9	13,100 *	78.8	325.8	11,800 *	81.3	321.7	10,400 *
240	90	100	74.4	325.0	12,800 *	77.0	322.9	11,400 *	79.4	318.8	10,300 *
240	90	110	72.6	321.8	12,500 *	75.2	319.7	11,100 *	77.6	315.5	10,100 *
240	90	120	70.8	318.2	12,200 *	73.3	316.1	10,700 *	75.7	311.9	9,200 *
240	90	130	68.9	314.3	11,800 *	71.5	312.1	10,400 *	73.8	307.8	8,300 *
240	90	140	67.0	310.0	11,500 *	69.6	307.8	10,300 *	71.9	303.4	7,400 *
240	90	150	65.1	305.2	11,100 *	67.6	303.0	9,600 *	69.9	298.6	6,700 *
240	90	160	63.2	300.1	10,700 *	65.7	297.8	8,700 *	68.0	293.3	6,100 *
240	90	170	61.2	294.5	10,200 *	63.7	292.2	7,900 *	65.9	287.6	5,400 *
240	90	180	59.2	288.5	9,500 *	61.7	286.1	7,200 *	63.9	281.4	5,000 *
240	90	190	57.1	281.9	8,800 *	59.6	279.5	6,700 *	61.8	274.7	4,500 *
240	90	200	55.0	274.9	8,100 *	57.5	272.4	6,100 *	59.6	267.4	4,100 *
240	90	210	52.8	267.2	7,500 *	55.3	264.7	5,700 *	57.3	259.5	3,800 *
240	90	220	50.6	258.9	7,100 *	53.0	256.3	5,200 *	55.0	251.0	3,500 *
240	90	230	48.3	249.9	6,500 *	50.7	247.2	4,800 *	52.6	241.7	3,200 *
240	90	240	45.9	240.2	6,100 *	48.2	237.3	4,500 *	50.1	231.6	2,900 *
240	90	250	43.4	229.6	5,700 *	45.7	226.6	4,200 *	47.5	220.6	2,700 *
240	90	260	40.7	217.9	5,400 *	43.0	214.8	3,900 *			
240	90	270	37.9	205.1	5,100 *	40.1	201.8	3,700 *			
240	90	280	34.9	190.9	4,700 *	37.1	187.2	3,400 *			
240	90	290	31.6	174.8	4,500 *						
240	90	300	28.0	156.4	4,200						
240	100	60	81.9	344.7	9,900 *						
240	100	70	80.2	342.8	9,700 *						
240	100	80	78.5	340.7	9,400 *	81.3	338.5	8,400 *			
240	100	90	76.8	338.2	9,200 *	79.6	336.0	8,200 *			
240	100	100	75.0	335.5	8,900 *	77.8	333.2	8,000 *	80.5	328.7	7,300 *
240	100	110	73.3	332.3	8,600 *	76.1	330.1	7,900 *	78.7	325.6	7,200 *
240	100	120	71.5	328.9	8,400 *	74.3	326.6	7,700 *	76.9	322.0	7,100 *
240	100	130	69.7	325.1	8,200 *	72.5	322.7	7,500 *	75.0	318.1	6,900 *
240	100	140	67.9	320.9	8,000 *	70.6	318.5	7,400 *	73.2	313.9	6,100 *
240	100	150	66.0	316.3	7,900 *	68.8	313.9	7,200 *	71.3	309.2	5,600 *
240	100	160	64.2	311.4	7,700 *	66.9	309.0	7,100 *	69.4	304.1	5,000 *
240	100	170	62.3	306.0	7,500 *	65.0	303.5	6,600 *	67.4	298.6	4,600 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
240	100	180	60.3	300.2	7,300 *	63.0	297.7	6,100 *	65.4	292.7	4,100 *
240	100	190	58.4	293.9	7,200 *	61.0	291.4	5,600 *	63.4	286.2	3,700 *
240	100	200	56.3	287.2	6,900 *	59.0	284.5	5,200 *	61.3	279.3	3,400 *
240	100	210	54.3	279.8	6,400 *	56.9	277.1	4,800 *	59.2	271.7	3,100 *
240	100	220	52.1	272.0	5,900 *	54.7	269.2	4,400 *	57.0	263.6	2,800 *
240	100	230	49.9	263.4	5,500 *	52.5	260.6	4,100 *	54.7	254.8	2,600 *
240	100	240	47.7	254.2	5,200 *	50.2	251.2	3,800 *	52.4	245.2	2,300 *
240	100	250	45.3	244.2	4,800 *	47.8	241.1	3,500 *	49.9	234.8	2,200 *
240	100	260	42.8	233.3	4,500 *	45.3	230.1	3,300 *	47.3	223.5	2,000 *
240	100	270	40.2	221.5	4,200 *	42.7	218.0	3,000 *			
240	100	280	37.5	208.4	4,000 *	39.9	204.7	2,900 *			
240	100	290	34.5	193.8	3,700 *	36.8	189.8	2,700 *			
240	100	300	31.3	177.5	3,600 *						
240	100	310	27.7	158.7	3,400 *						
250	30	50	81.0	285.7	40,000 *						
250	30	60	78.9	283.8	40,000 *	79.9	283.0	40,000 *	80.9	281.4	40,000 *
250	30	70	76.8	281.6	40,000 *	77.8	280.7	40,000 *	78.8	279.1	40,000 *
250	30	80	74.7	279.0	40,000 *	75.7	278.1	40,000 *	76.7	276.4	38,800 *
250	30	90	72.6	275.9	40,000 *	73.6	275.1	38,800 *	74.5	273.4	33,500 *
250	30	100	70.5	272.5	37,500 *	71.5	271.6	33,600 *	72.4	269.9	30,500 *
250	30	110	68.3	268.6	32,800 *	69.3	267.7	31,100 *	70.2	266.0	28,200 *
250	30	120	66.1	264.3	29,900	67.1	263.4	28,500 *	67.9	261.6	25,400 *
250	30	130	63.8	259.5	26,200	64.8	258.6	26,200 *	65.7	256.8	23,600 *
250	30	140	61.5	254.2	23,000	62.5	253.3	23,400	63.3	251.5	21,500 *
250	30	150	59.2	248.4	20,300	60.1	247.5	20,700	61.0	245.6	20,000 *
250	30	160	56.8	242.0	18,000	57.7	241.1	18,300	58.5	239.1	18,300 *
250	30	170	54.3	235.0	15,900	55.2	234.0	16,200	56.0	232.0	16,500
250	30	180	51.7	227.4	14,200	52.7	226.3	14,400	53.4	224.2	14,600
250	30	190	49.1	218.9	12,600	50.0	217.9	12,800	50.7	215.7	13,000
250	30	200	46.3	209.7	11,100	47.2	208.5	11,400	47.9	206.3	11,500
250	30	210	43.4	199.4	9,900	44.3	198.2	10,000			
250	30	220	40.4	188.1	8,700	41.2	186.8	8,900			
250	30	230	37.1	175.4	7,700	37.9	174.0	7,800			
250	30	240	33.5	161.0	6,700						
250	30	250	29.6	144.3	5,800						
250	30	260	25.1	124.5	5,000						
250	40	50	81.5	295.8	36,000 *						
250	40	60	79.5	294.0	36,000 *	80.8	292.9	35,800 *			
250	40	70	77.5	291.8	36,000 *	78.8	290.8	35,500 *	80.0	288.6	34,500 *
250	40	80	75.4	289.3	36,000 *	76.7	288.2	34,100 *	77.9	286.1	32,000 *
250	40	90	73.4	286.4	33,600 *	74.7	285.3	32,100 *	75.9	283.1	29,000 *
250	40	100	71.3	283.1	31,700 *	72.6	282.0	30,100 *	73.8	279.8	26,400 *
250	40	110	69.2	279.4	29,900 *	70.5	278.2	27,600 *	71.7	276.0	24,100 *
250	40	120	67.1	275.2	27,800 *	68.4	274.1	25,500 *	69.5	271.8	22,000 *
250	40	130	65.0	270.6	25,700 *	66.2	269.5	23,200 *	67.3	267.2	19,900 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
250	40	140	62.8	265.6	23,300	64.0	264.4	21,200 *	65.1	262.0	18,100 *
250	40	150	60.5	260.0	20,600	61.8	258.8	19,800 *	62.8	256.4	16,700 *
250	40	160	58.2	253.9	18,300	59.5	252.7	18,100 *	60.5	250.2	15,100 *
250	40	170	55.9	247.3	16,300	57.1	246.0	16,700	58.1	243.5	14,000 *
250	40	180	53.5	240.0	14,500	54.7	238.7	14,800	55.7	236.1	12,900 *
250	40	190	51.0	232.1	12,900	52.1	230.7	13,200	53.1	228.0	11,900 *
250	40	200	48.4	223.4	11,400	49.5	221.9	11,700	50.5	219.1	11,000 *
250	40	210	45.6	213.8	10,200	46.8	212.3	10,400	47.7	209.4	10,300 *
250	40	220	42.8	203.3	9,000	43.9	201.7	9,200			
250	40	230	39.8	191.6	8,000	40.9	190.0	8,200			
250	40	240	36.6	178.6	7,000	37.6	176.8	7,200			
250	40	250	33.1	163.8	6,100						
250	40	260	29.2	146.8	5,300						
250	50	50	81.9	305.9	32,000 *						
250	50	60	80.0	304.2	32,000 *	81.6	302.9	31,800 *			
250	50	70	78.1	302.1	32,000 *	79.6	300.8	31,400 *	81.1	298.2	29,400 *
250	50	80	76.1	299.6	31,000 *	77.7	298.3	29,600 *	79.1	295.7	27,600 *
250	50	90	74.1	296.8	29,100 *	75.7	295.5	27,800 *	77.1	292.9	24,900 *
250	50	100	72.1	293.6	27,300 *	73.7	292.3	26,200 *	75.1	289.6	22,400 *
250	50	110	70.1	290.0	25,600 *	71.7	288.7	24,300 *	73.1	286.0	20,500 *
250	50	120	68.1	286.1	24,100 *	69.6	284.7	22,400 *	71.0	282.0	18,300 *
250	50	130	66.0	281.7	22,700 *	67.5	280.3	20,500 *	68.9	277.5	16,700 *
250	50	140	63.9	276.8	21,400 *	65.4	275.4	18,900 *	66.8	272.6	15,100 *
250	50	150	61.8	271.5	19,600 *	63.3	270.0	17,000 *	64.6	267.2	13,900 *
250	50	160	59.6	265.7	18,000 *	61.1	264.2	15,800 *	62.4	261.2	12,700 *
250	50	170	57.3	259.3	16,600	58.8	257.8	14,600 *	60.1	254.8	11,500 *
250	50	180	55.0	252.4	14,800	56.5	250.9	13,500 *	57.7	247.8	10,500 *
250	50	190	52.6	244.9	13,200	54.1	243.3	12,500 *	55.3	240.1	9,600 *
250	50	200	50.2	236.7	11,700	51.6	235.0	11,500 *	52.8	231.7	9,000 *
250	50	210	47.6	227.7	10,400	49.1	226.0	10,800	50.2	222.5	8,300 *
250	50	220	45.0	217.9	9,300	46.4	216.0	9,600	47.5	212.4	7,600 *
250	50	230	42.2	207.1	8,200	43.6	205.1	8,500			
250	50	240	39.2	195.1	7,300	40.6	193.1	7,500			
250	50	250	36.1	181.7	6,400	37.4	179.5	6,600			
250	50	260	32.6	166.7	5,600						
250	50	270	28.8	149.3	4,800						
250	60	60	80.5	314.3	26,800 *						
250	60	70	78.6	312.3	26,700 *	80.4	310.8	25,800 *			
250	60	80	76.7	309.9	26,500 *	78.5	308.4	25,400 *	80.3	305.4	23,100 *
250	60	90	74.8	307.2	25,400 *	76.6	305.7	24,300 *	78.3	302.6	21,100 *
250	60	100	72.9	304.1	23,800 *	74.7	302.6	22,800 *	76.4	299.5	19,000 *
250	60	110	71.0	300.7	22,300 *	72.8	299.1	21,200 *	74.4	296.0	17,000 *
250	60	120	69.0	296.8	20,900 *	70.8	295.3	19,400 *	72.4	292.1	15,500 *
250	60	130	67.0	292.6	19,600 *	68.8	291.0	17,700 *	70.4	287.8	13,800 *
250	60	140	65.0	287.9	18,400 *	66.7	286.3	16,200 *	68.3	283.1	12,600 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
250	60	150	62.9	282.8	17,300 *	64.7	281.2	14,900 *	66.2	277.9	11,300 *
250	60	160	60.8	277.3	16,100 *	62.6	275.6	13,500 *	64.1	272.2	10,400 *
250	60	170	58.7	271.2	14,900 *	60.4	269.5	12,600 *	61.9	266.0	9,500 *
250	60	180	56.5	264.6	13,800 *	58.2	262.8	11,500 *	59.7	259.3	8,600 *
250	60	190	54.2	257.5	13,000 *	55.9	255.6	10,700 *	57.4	252.0	7,900 *
250	60	200	51.9	249.7	12,000	53.6	247.8	9,800 *	55.0	244.0	7,300 *
250	60	210	49.5	241.2	10,700	51.1	239.2	9,100 *	52.5	235.3	6,800 *
250	60	220	47.0	232.0	9,500	48.6	229.9	8,400 *	49.9	225.8	6,200 *
250	60	230	44.4	221.9	8,500	46.0	219.7	7,900 *	47.3	215.4	5,800 *
250	60	240	41.6	210.8	7,500	43.2	208.5	7,300 *			
250	60	250	38.7	198.5	6,600	40.3	196.1	6,900			
250	60	260	35.6	184.8	5,800	37.1	182.2	6,100			
250	60	270	32.2	169.4	5,100						
250	60	280	28.5	151.7	4,400						
250	70	60	80.9	324.4	21,800 *						
250	70	70	79.1	322.5	21,500 *	81.2	320.8	20,300 *			
250	70	80	77.3	320.2	21,200 *	79.4	318.5	19,900 *	81.3	315.1	18,300 *
250	70	90	75.5	317.6	21,000 *	77.5	315.9	19,600 *	79.5	312.4	17,700 *
250	70	100	73.6	314.6	20,700 *	75.7	312.9	19,200 *	77.6	309.4	15,800 *
250	70	110	71.7	311.3	19,500 *	73.8	309.5	18,200 *	75.7	306.0	14,200 *
250	70	120	69.8	307.6	18,200 *	71.9	305.8	16,600 *	73.7	302.2	12,900 *
250	70	130	67.9	303.5	17,100 *	69.9	301.7	15,200 *	71.8	298.1	11,500 *
250	70	140	66.0	299.0	16,000 *	68.0	297.2	13,800 *	69.8	293.5	10,500 *
250	70	150	64.0	294.1	15,000 *	66.0	292.2	12,600 *	67.8	288.5	9,300 *
250	70	160	62.0	288.8	14,200 *	63.9	286.8	11,500 *	65.7	283.1	8,600 *
250	70	170	59.9	282.9	13,200 *	61.9	281.0	10,700 *	63.6	277.1	7,700 *
250	70	180	57.8	276.6	12,300 *	59.8	274.6	9,800 *	61.5	270.7	7,100 *
250	70	190	55.6	269.8	11,200 *	57.6	267.8	9,100 *	59.3	263.7	6,400 *
250	70	200	53.4	262.4	10,400 *	55.4	260.3	8,400 *	57.0	256.1	5,900 *
250	70	210	51.1	254.4	9,800 *	53.1	252.2	7,600 *	54.7	247.8	5,400 *
250	70	220	48.8	245.6	9,100 *	50.7	243.4	7,200 *	52.2	238.9	5,000 *
250	70	230	46.3	236.1	8,400 *	48.2	233.8	6,700 *	49.7	229.1	4,600 *
250	70	240	43.8	225.8	7,700	45.6	223.3	6,200 *	47.1	218.4	4,300 *
250	70	250	41.1	214.4	6,900	42.9	211.8	5,700 *			
250	70	260	38.2	201.9	6,000	40.0	199.1	5,400 *			
250	70	270	35.2	187.9	5,300	36.9	184.9	5,100 *			
250	70	280	31.9	172.2	4,600						
250	70	290	28.2	154.1	4,000						
250	80	60	81.4	334.6	17,900 *						
250	80	70	79.6	332.7	17,600 *	81.9	330.8	16,400 *			
250	80	80	77.8	330.5	17,300 *	80.1	328.6	16,100 *			
250	80	90	76.0	327.9	17,100 *	78.4	326.0	15,700 *	80.5	322.2	14,300 *
250	80	100	74.3	325.1	16,800 *	76.5	323.1	15,400 *	78.7	319.3	13,100 *
250	80	110	72.4	321.8	16,500 *	74.7	319.9	15,000 *	76.9	316.0	11,900 *
250	80	120	70.6	318.3	16,000 *	72.9	316.3	14,100 *	75.0	312.4	10,600 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
250	80	130	68.8	314.3	15,000 *	71.0	312.3	12,900 *	73.1	308.3	9,500 *
250	80	140	66.9	310.0	14,000 *	69.1	308.0	11,800 *	71.2	303.9	8,600 *
250	80	150	65.0	305.3	13,200 *	67.2	303.2	10,800 *	69.2	299.1	7,800 *
250	80	160	63.0	300.1	12,300 *	65.2	298.0	9,900 *	67.2	293.9	7,100 *
250	80	170	61.1	294.5	11,400 *	63.3	292.4	9,000 *	65.2	288.2	6,300 *
250	80	180	59.0	288.5	10,700 *	61.2	286.3	8,300 *	63.2	282.0	5,800 *
250	80	190	57.0	282.0	9,800 *	59.2	279.7	7,600 *	61.1	275.3	5,200 *
250	80	200	54.9	274.9	9,100 *	57.0	272.6	7,000 *	58.9	268.0	4,800 *
250	80	210	52.7	267.2	8,400 *	54.8	264.9	6,500 *	56.7	260.2	4,400 *
250	80	220	50.5	258.9	7,800 *	52.6	256.5	6,000 *	54.4	251.6	4,100 *
250	80	230	48.1	250.0	7,400 *	50.2	247.4	5,600 *	52.0	242.4	3,800 *
250	80	240	45.7	240.2	6,900 *	47.8	237.6	5,100 *	49.5	232.3	3,500 *
250	80	250	43.2	229.6	6,300 *	45.2	226.8	4,800 *	46.9	221.3	3,200 *
250	80	260	40.6	218.0	6,000 *	42.6	215.0	4,500 *			
250	80	270	37.8	205.1	5,500 *	39.7	202.0	4,200 *			
250	80	280	34.8	190.9	4,800 *	36.7	187.5	4,000 *			
250	80	290	31.5	174.8	4,200 *						
250	80	300	27.9	156.4	3,600 *						
250	90	60	81.8	344.7	13,900 *						
250	90	70	80.0	342.9	13,700 *						
250	90	80	78.3	340.7	13,400 *	80.9	338.6	12,200 *			
250	90	90	76.6	338.3	13,100 *	79.1	336.2	11,900 *	81.5	332.0	10,400 *
250	90	100	74.9	335.5	12,900 *	77.4	333.4	11,500 *	79.8	329.2	10,300 *
250	90	110	73.1	332.4	12,600 *	75.6	330.2	11,200 *	78.0	326.0	9,900 *
250	90	120	71.3	328.9	12,300 *	73.8	326.7	10,800 *	76.2	322.5	8,800 *
250	90	130	69.6	325.1	12,000 *	72.0	322.9	10,500 *	74.3	318.6	8,000 *
250	90	140	67.7	320.9	11,600 *	70.2	318.7	10,000 *	72.5	314.3	7,200 *
250	90	150	65.9	316.3	11,200 *	68.4	314.1	9,100 *	70.6	309.7	6,400 *
250	90	160	64.0	311.4	10,700 *	66.5	309.1	8,400 *	68.7	304.6	5,800 *
250	90	170	62.1	306.0	9,800 *	64.6	303.7	7,600 *	66.7	299.1	5,300 *
250	90	180	60.2	300.2	9,000 *	62.6	297.9	7,100 *	64.8	293.2	4,800 *
250	90	190	58.2	293.9	8,400 *	60.6	291.5	6,400 *	62.7	286.7	4,400 *
250	90	200	56.2	287.2	7,800 *	58.6	284.7	5,900 *	60.7	279.8	4,000 *
250	90	210	54.1	279.9	7,200 *	56.5	277.3	5,400 *	58.5	272.3	3,600 *
250	90	220	52.0	272.0	6,800 *	54.3	269.4	5,000 *	56.3	264.1	3,300 *
250	90	230	49.8	263.5	6,300 *	52.1	260.8	4,600 *	54.1	255.4	3,100 *
250	90	240	47.5	254.2	5,900 *	49.8	251.4	4,400 *	51.7	245.8	2,800 *
250	90	250	45.1	244.3	5,500 *	47.4	241.3	4,100 *	49.2	235.5	2,600 *
250	90	260	42.7	233.4	5,100 *	44.9	230.3	3,800 *	46.7	224.2	2,400 *
250	90	270	40.1	221.5	4,900 *	42.3	218.2	3,600 *			
250	90	280	37.3	208.4	4,500 *	39.5	204.9	3,300 *			
250	90	290	34.4	193.8	4,300 *	36.4	190.1	3,100 *			
250	90	300	31.1	177.5	3,700 *						
250	90	310	27.6	158.7	3,200 *						
250	100	70	80.5	353.0	9,700 *						