



LIFTING CHARTS - Conventional Truck Cranes

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

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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	100	240	49.2	267.9	5,000 *	51.7	265.0	3,600 *	53.8	259.0	2,200 *
250	100	250	46.9	258.4	4,700 *	49.4	255.4	3,400 *	51.5	249.2	2,100 *
250	100	260	44.6	248.2	4,300 *	47.0	245.0	3,100 *			
250	100	270	42.2	237.1	4,100 *	44.6	233.7	2,900 *			
250	100	280	39.6	224.9	3,900 *	42.0	221.4	2,800 *			
250	100	290	36.9	211.6	3,600 *	39.2	207.8	2,600 *			
250	100	300	34.0	196.8	3,400 *	36.2	192.7	2,400 *			
250	100	310	30.8	180.1	3,200 *						
250	100	320	27.3	161.0	3,100 *						
260	30	50	81.3	295.8	40,000 *						
260	30	60	79.3	294.0	40,000 *	80.3	293.2	40,000 *	81.2	291.5	40,000 *
260	30	70	77.3	291.9	40,000 *	78.3	291.0	40,000 *	79.2	289.4	39,900 *
260	30	80	75.3	289.3	40,000 *	76.2	288.5	39,400 *	77.1	286.8	33,800 *
260	30	90	73.2	286.4	38,000 *	74.2	285.6	34,000 *	75.1	283.9	31,000 *
260	30	100	71.2	283.1	33,000 *	72.1	282.2	31,100 *	73.0	280.5	28,400 *
260	30	110	69.1	279.4	30,200 *	70.0	278.5	28,600 *	70.9	276.8	26,000 *
260	30	120	67.0	275.2	28,000 *	67.9	274.4	26,400 *	68.7	272.6	23,900 *
260	30	130	64.8	270.7	25,900 *	65.7	269.8	24,300 *	66.6	268.0	21,900 *
260	30	140	62.6	265.6	23,600 *	63.5	264.7	22,400 *	64.3	262.8	20,300 *
260	30	150	60.4	260.1	22,000 *	61.3	259.1	20,500 *	62.1	257.2	18,500 *
260	30	160	58.1	254.0	19,500 *	59.0	253.0	18,900 *	59.8	251.1	16,900 *
260	30	170	55.7	247.3	17,300 *	56.6	246.3	17,600 *	57.4	244.4	15,600 *
260	30	180	53.3	240.1	15,400 *	54.2	239.0	15,700 *	54.9	237.0	14,400 *
260	30	190	50.8	232.1	13,700 *	51.7	231.0	14,000 *	52.4	228.9	13,300 *
260	30	200	48.2	223.4	12,200 *	49.1	222.3	12,500 *	49.7	220.1	12,400 *
260	30	210	45.5	213.9	10,900 *	46.3	212.7	11,100 *	47.0	210.4	11,200 *
260	30	220	42.6	203.3	9,700 *	43.5	202.1	9,800 *			
260	30	230	39.6	191.7	8,600 *	40.4	190.4	8,700 *			
260	30	240	36.4	178.6	7,600 *	37.2	177.2	7,700 *			
260	30	250	32.9	163.9	6,600 *						
260	30	260	29.0	146.9	5,800 *						
260	40	50	81.7	305.9	36,000 *						
260	40	60	79.8	304.2	36,000 *	81.1	303.1	35,800 *			
260	40	70	77.9	302.1	36,000 *	79.2	301.0	35,600 *	80.3	298.9	32,800 *
260	40	80	75.9	299.6	36,000 *	77.2	298.6	33,300 *	78.4	296.4	29,900 *
260	40	90	74.0	296.8	32,800 *	75.2	295.7	30,400 *	76.4	293.6	27,200 *
260	40	100	72.0	293.6	30,200 *	73.2	292.5	28,000 *	74.4	290.3	24,600 *
260	40	110	70.0	290.1	27,900 *	71.2	288.9	25,700 *	72.3	286.7	22,500 *
260	40	120	67.9	286.1	25,700 *	69.1	284.9	23,700 *	70.3	282.7	20,300 *
260	40	130	65.9	281.7	23,500 *	67.1	280.5	21,700 *	68.2	278.2	18,800 *
260	40	140	63.7	276.8	21,900 *	65.0	275.7	20,000 *	66.0	273.3	17,000 *
260	40	150	61.6	271.5	20,100 *	62.8	270.3	18,400 *	63.8	267.9	15,600 *
260	40	160	59.4	265.7	18,500 *	60.6	264.5	17,000 *	61.6	262.0	14,400 *
260	40	170	57.2	259.4	17,100 *	58.3	258.1	15,400 *	59.3	255.6	13,100 *
260	40	180	54.9	252.5	15,800 *	56.0	251.2	14,300 *	57.0	248.6	12,200 *
260	40	190	52.5	244.9	14,100 *	53.6	243.6	13,200 *	54.6	240.9	11,100 *
260	40	200	50.0	236.7	12,600 *	51.2	235.3	12,400 *	52.1	232.6	10,300 *
260	40	210	47.5	227.7	11,200 *	48.6	226.3	11,500 *	49.5	223.4	9,600 *
260	40	220	44.8	217.9	10,000 *	45.9	216.4	10,200 *	46.8	213.4	8,900 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
260	40	230	42.0	207.1	8,900	43.1	205.5	9,100			
260	40	240	39.1	195.1	7,800	40.1	193.4	8,000			
260	40	250	35.9	181.8	6,900	36.9	180.0	7,100			
260	40	260	32.5	166.7	6,100						
260	40	270	28.7	149.3	5,300						
260	50	60	80.3	314.3	32,000 *	81.9	313.0	31,900 *			
260	50	70	78.4	312.3	32,000 *	80.0	311.0	30,800 *	81.4	308.4	28,700 *
260	50	80	76.6	309.9	30,300 *	78.1	308.6	29,000 *	79.5	306.0	25,900 *
260	50	90	74.7	307.2	28,500 *	76.2	305.9	27,200 *	77.6	303.3	23,400 *
260	50	100	72.7	304.2	26,800 *	74.2	302.8	24,800 *	75.6	300.2	21,100 *
260	50	110	70.8	300.7	25,200 *	72.3	299.3	22,700 *	73.7	296.7	19,100 *
260	50	120	68.8	296.9	23,400 *	70.3	295.5	20,800 *	71.7	292.8	17,400 *
260	50	130	66.8	292.6	21,400 *	68.3	291.2	19,200 *	69.6	288.5	15,800 *
260	50	140	64.8	288.0	19,700 *	66.3	286.6	17,600 *	67.6	283.7	14,300 *
260	50	150	62.8	282.9	18,200 *	64.2	281.4	16,100 *	65.5	278.6	13,100 *
260	50	160	60.7	277.3	16,900 *	62.1	275.8	14,700 *	63.4	272.9	12,000 *
260	50	170	58.5	271.2	15,600 *	59.9	269.7	13,700 *	61.2	266.7	11,000 *
260	50	180	56.3	264.7	14,500 *	57.7	263.1	12,500 *	58.9	260.0	10,100 *
260	50	190	54.0	257.5	13,400 *	55.5	255.9	11,600 *	56.6	252.7	9,200 *
260	50	200	51.7	249.7	12,400 *	53.1	248.1	10,600 *	54.3	244.8	8,500 *
260	50	210	49.3	241.2	11,500	50.7	239.5	9,900	51.8	236.1	7,800 *
260	50	220	46.8	232.0	10,200	48.2	230.2	9,200 *	49.3	226.7	7,300 *
260	50	230	44.2	221.9	9,100	45.5	220.0	8,600 *	46.6	216.3	6,600 *
260	50	240	41.5	210.8	8,100	42.8	208.8	8,100 *			
260	50	250	38.6	198.5	7,200	39.9	196.5	7,400			
260	50	260	35.5	184.9	6,300	36.7	182.6	6,500			
260	50	270	32.1	169.5	5,500						
260	50	280	28.4	151.7	4,800						
260	60	60	80.8	324.5	26,900 *						
260	60	70	79.0	322.5	26,700 *	80.7	321.0	25,900 *			
260	60	80	77.1	320.2	26,600 *	78.9	318.7	25,400 *	80.6	315.7	22,100 *
260	60	90	75.3	317.6	24,900 *	77.1	316.1	23,900 *	78.7	313.0	19,900 *
260	60	100	73.4	314.6	23,300 *	75.2	313.1	21,900 *	76.8	310.0	18,100 *
260	60	110	71.6	311.3	21,900 *	73.3	309.7	19,800 *	74.9	306.6	16,200 *
260	60	120	69.7	307.6	20,600 *	71.4	306.0	18,300 *	73.0	302.8	14,700 *
260	60	130	67.8	303.5	19,200 *	69.5	301.9	16,600 *	71.1	298.7	13,100 *
260	60	140	65.8	299.0	17,900 *	67.5	297.4	15,300 *	69.1	294.1	12,000 *
260	60	150	63.8	294.1	16,400 *	65.5	292.5	13,900 *	67.1	289.1	10,800 *
260	60	160	61.8	288.8	15,100 *	63.5	287.1	12,900 *	65.0	283.7	9,800 *
260	60	170	59.7	283.0	14,100 *	61.4	281.2	11,800 *	62.9	277.8	9,000 *
260	60	180	57.6	276.7	12,800 *	59.3	274.9	10,800 *	60.8	271.4	8,200 *
260	60	190	55.5	269.8	12,000 *	57.1	268.0	9,900 *	58.6	264.4	7,500 *
260	60	200	53.3	262.4	11,200 *	54.9	260.5	9,200 *	56.3	256.8	6,900 *
260	60	210	51.0	254.4	10,400 *	52.6	252.4	8,600 *	54.0	248.6	6,400 *
260	60	220	48.6	245.7	9,600 *	50.2	243.6	8,000 *	51.6	239.6	5,900 *
260	60	230	46.2	236.2	8,900 *	47.8	234.1	7,300 *	49.0	229.9	5,400 *
260	60	240	43.6	225.8	8,400	45.2	223.6	6,800 *	46.4	219.2	5,100 *
260	60	250	40.9	214.4	7,400	42.5	212.1	6,400 *			
260	60	260	38.1	201.9	6,600	39.6	199.4	6,000 *			

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
260	60	270	35.0	187.9	5,800	36.5	185.3	5,600 *			
260	60	280	31.7	172.2	5,000						
260	60	290	28.0	154.1	4,400						
260	70	60	81.2	334.6	21,800 *						
260	70	70	79.4	332.7	21,600 *	81.5	331.0	20,300 *			
260	70	80	77.7	330.5	21,300 *	79.7	328.8	20,000 *	81.6	325.3	18,400 *
260	70	90	75.9	327.9	21,000 *	77.9	326.2	19,600 *	79.8	322.8	16,900 *
260	70	100	74.1	325.1	20,500 *	76.1	323.3	19,000 *	78.0	319.8	15,300 *
260	70	110	72.3	321.9	19,200 *	74.3	320.1	17,200 *	76.1	316.6	13,600 *
260	70	120	70.5	318.3	17,900 *	72.4	316.5	15,800 *	74.3	312.9	12,300 *
260	70	130	68.6	314.3	16,800 *	70.6	312.5	14,400 *	72.4	308.9	11,100 *
260	70	140	66.7	310.0	15,800 *	68.7	308.2	13,100 *	70.5	304.5	10,000 *
260	70	150	64.8	305.3	14,600 *	66.8	303.4	12,000 *	68.5	299.7	9,000 *
260	70	160	62.9	300.1	13,300 *	64.8	298.2	11,000 *	66.5	294.5	8,200 *
260	70	170	60.9	294.6	12,500 *	62.8	292.6	10,200 *	64.5	288.8	7,300 *
260	70	180	58.9	288.5	11,400 *	60.8	286.5	9,400 *	62.5	282.6	6,800 *
260	70	190	56.8	282.0	10,600 *	58.7	280.0	8,600 *	60.4	275.9	6,100 *
260	70	200	54.7	274.9	9,800 *	56.6	272.8	8,000 *	58.2	268.7	5,700 *
260	70	210	52.5	267.3	9,200 *	54.4	265.1	7,300 *	56.0	260.8	5,200 *
260	70	220	50.3	259.0	8,400 *	52.1	256.8	6,800 *	53.7	252.3	4,700 *
260	70	230	48.0	250.0	7,800 *	49.8	247.7	6,200 *	51.3	243.1	4,400 *
260	70	240	45.6	240.3	7,400 *	47.4	237.9	5,800 *	48.8	233.1	4,000 *
260	70	250	43.1	229.6	6,900 *	44.8	227.1	5,500 *	46.2	222.1	3,700 *
260	70	260	40.4	218.0	6,400 *	42.2	215.3	5,100 *			
260	70	270	37.6	205.2	6,000 *	39.3	202.4	4,800 *			
260	70	280	34.6	190.9	5,300 *	36.3	187.9	4,500 *			
260	70	290	31.3	174.9	4,600 *						
260	70	300	27.7	156.5	4,000 *						
260	80	60	81.6	344.7	17,900 *						
260	80	70	79.9	342.9	17,600 *						
260	80	80	78.2	340.7	17,400 *	80.4	338.8	16,100 *			
260	80	90	76.5	338.3	17,100 *	78.7	336.3	15,800 *	80.8	332.5	14,200 *
260	80	100	74.7	335.5	16,900 *	77.0	333.5	15,400 *	79.0	329.7	12,900 *
260	80	110	73.0	332.4	16,600 *	75.2	330.4	14,900 *	77.3	326.5	11,400 *
260	80	120	71.2	328.9	15,800 *	73.4	326.9	13,500 *	75.5	323.0	10,200 *
260	80	130	69.4	325.1	14,800 *	71.6	323.1	12,300 *	73.6	319.1	9,200 *
260	80	140	67.6	320.9	13,800 *	69.8	318.9	11,300 *	71.8	314.9	8,300 *
260	80	150	65.8	316.4	12,800 *	67.9	314.3	10,200 *	69.9	310.2	7,500 *
260	80	160	63.9	311.4	11,700 *	66.0	309.3	9,500 *	68.0	305.1	6,700 *
260	80	170	62.0	306.1	10,800 *	64.1	303.9	8,600 *	66.1	299.7	6,200 *
260	80	180	60.1	300.2	9,900 *	62.2	298.1	7,800 *	64.1	293.7	5,500 *
260	80	190	58.1	294.0	9,300 *	60.2	291.7	7,300 *	62.1	287.3	5,000 *
260	80	200	56.1	287.2	8,600 *	58.2	284.9	6,700 *	60.0	280.4	4,600 *
260	80	210	54.0	279.9	7,900 *	56.1	277.5	6,200 *	57.9	272.9	4,200 *
260	80	220	51.8	272.0	7,500 *	53.9	269.6	5,800 *	55.7	264.8	3,900 *
260	80	230	49.6	263.5	6,900 *	51.7	261.0	5,300 *	53.4	256.0	3,500 *
260	80	240	47.4	254.3	6,400 *	49.4	251.7	4,900 *	51.1	246.5	3,300 *
260	80	250	45.0	244.3	6,000 *	47.0	241.6	4,500 *	48.6	236.2	3,000 *
260	80	260	42.5	233.4	5,600 *	44.5	230.6	4,300 *	46.0	224.9	2,800 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
260	80	270	39.9	221.5	5,300 *	41.9	218.5	4,000 *			
260	80	280	37.2	208.4	5,000 *	39.1	205.2	3,800 *			
260	80	290	34.2	193.9	4,700 *	36.0	190.4	3,500 *			
260	80	300	31.0	177.5	4,100						
260	80	310	27.4	158.8	3,600						
260	90	60	82.0	354.8	13,900 *						
260	90	70	80.3	353.1	13,700 *						
260	90	80	78.7	351.0	13,500 *	81.1	348.9	12,300 *			
260	90	90	77.0	348.6	13,200 *	79.5	346.5	11,900 *	81.8	342.3	10,400 *
260	90	100	75.3	345.9	12,900 *	77.8	343.8	11,600 *	80.1	339.6	10,300 *
260	90	110	73.6	342.9	12,700 *	76.0	340.7	11,300 *	78.3	336.5	9,600 *
260	90	120	71.9	339.5	12,400 *	74.3	337.4	10,900 *	76.6	333.1	8,600 *
260	90	130	70.2	335.8	12,100 *	72.6	333.6	10,600 *	74.8	329.3	7,800 *
260	90	140	68.4	331.8	11,700 *	70.8	329.6	9,700 *	73.0	325.2	7,000 *
260	90	150	66.6	327.4	11,000 *	69.0	325.1	8,800 *	71.2	320.7	6,300 *
260	90	160	64.8	322.6	10,100 *	67.2	320.3	8,000 *	69.4	315.8	5,600 *
260	90	170	63.0	317.4	9,400 *	65.4	315.1	7,300 *	67.5	310.5	5,100 *
260	90	180	61.1	311.8	8,700 *	63.5	309.5	6,800 *	65.6	304.8	4,500 *
260	90	190	59.2	305.8	8,000 *	61.6	303.4	6,200 *	63.6	298.6	4,200 *
260	90	200	57.3	299.3	7,400 *	59.6	296.9	5,700 *	61.6	291.9	3,700 *
260	90	210	55.3	292.3	6,800 *	57.6	289.8	5,200 *	59.6	284.8	3,400 *
260	90	220	53.3	284.8	6,400 *	55.5	282.2	4,800 *	57.5	277.0	3,200 *
260	90	230	51.2	276.7	6,000 *	53.4	274.0	4,400 *	55.4	268.7	2,900 *
260	90	240	49.0	267.9	5,500 *	51.2	265.2	4,100 *	53.1	259.6	2,700 *
260	90	250	46.8	258.5	5,200 *	49.0	255.6	3,800 *	50.8	249.9	2,400 *
260	90	260	44.4	248.2	4,800 *	46.6	245.3	3,600 *	48.4	239.3	2,300 *
260	90	270	42.0	237.1	4,500 *	44.2	234.0	3,300 *	45.9	227.7	2,100 *
260	90	280	39.5	225.0	4,300 *	41.6	221.7	3,100 *			
260	90	290	36.7	211.6	4,000 *	38.8	208.1	2,900 *			
260	90	300	33.8	196.8	3,800 *	35.8	193.0	2,800 *			
260	90	310	30.7	180.1	3,600 *						
260	90	320	27.2	161.0	3,200						
260	100	70	80.7	363.2	9,800 *						
260	100	80	79.1	361.2	9,500 *	81.8	358.9	8,400 *			
260	100	90	77.5	358.9	9,300 *	80.2	356.6	8,300 *			
260	100	100	75.9	356.2	9,000 *	78.5	354.0	8,100 *	81.0	349.4	7,400 *
260	100	110	74.2	353.3	8,800 *	76.9	351.0	7,900 *	79.3	346.4	7,300 *
260	100	120	72.6	350.1	8,500 *	75.2	347.7	7,800 *	77.6	343.1	7,200 *
260	100	130	70.9	346.5	8,300 *	73.5	344.1	7,600 *	75.9	339.5	6,400 *
260	100	140	69.2	342.6	8,200 *	71.8	340.2	7,400 *	74.2	335.5	5,800 *
260	100	150	67.5	338.3	8,000 *	70.0	335.9	7,300 *	72.4	331.1	5,200 *
260	100	160	65.7	333.7	7,800 *	68.3	331.3	6,800 *	70.7	326.4	4,700 *
260	100	170	63.9	328.7	7,600 *	66.5	326.2	6,200 *	68.8	321.3	4,200 *
260	100	180	62.2	323.3	7,500 *	64.7	320.8	5,700 *	67.0	315.8	3,800 *
260	100	190	60.3	317.5	6,800 *	62.9	314.9	5,200 *	65.1	309.8	3,400 *
260	100	200	58.5	311.3	6,300 *	61.0	308.6	4,800 *	63.2	303.4	3,100 *
260	100	210	56.5	304.6	5,900 *	59.0	301.9	4,400 *	61.3	296.5	2,800 *
260	100	220	54.6	297.3	5,500 *	57.1	294.6	4,000 *	59.2	289.1	2,600 *
260	100	230	52.6	289.6	5,100 *	55.1	286.8	3,700 *	57.2	281.1	2,300 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
260	100	240	50.5	281.3	4,700 *	53.0	278.3	3,500 *	55.1	272.5	2,100 *
260	100	250	48.4	272.3	4,400 *	50.8	269.3	3,200 *	52.9	263.2	2,000 *
260	100	260	46.2	262.6	4,100 *	48.6	259.5	3,000 *			
260	100	270	43.9	252.1	3,800 *	46.3	248.9	2,800 *			
260	100	280	41.5	240.8	3,600 *	43.8	237.3	2,600 *			
260	100	290	39.0	228.4	3,400 *	41.3	224.7	2,500 *			
260	100	300	36.3	214.7	3,200 *	38.6	210.9	2,300 *			
260	100	310	33.5	199.6	3,100 *	35.6	195.5	2,100 *			
260	100	320	30.3	182.7	2,900 *						
260	100	330	26.9	163.3	2,800 *						
270	30	50	81.6	306.0	40,000 *						
270	30	60	79.7	304.2	40,000 *	80.6	303.4	40,000 *	81.5	301.7	40,000 *
270	30	70	77.7	302.1	40,000 *	78.7	301.3	40,000 *	79.5	299.6	37,100 *
270	30	80	75.8	299.7	38,500 *	76.7	298.8	34,100 *	77.6	297.2	31,700 *
270	30	90	73.8	296.9	33,300 *	74.7	296.0	31,400 *	75.6	294.3	29,000 *
270	30	100	71.8	293.7	30,400 *	72.7	292.8	28,800 *	73.6	291.1	26,500 *
270	30	110	69.8	290.1	27,900 *	70.7	289.2	26,600 *	71.6	287.5	24,300 *
270	30	120	67.8	286.1	25,700 *	68.7	285.2	24,600 *	69.5	283.5	22,300 *
270	30	130	65.7	281.7	23,800 *	66.6	280.8	22,400 *	67.4	279.0	20,500 *
270	30	140	63.6	276.9	22,100 *	64.5	275.9	20,700 *	65.3	274.1	18,800 *
270	30	150	61.4	271.6	20,200 *	62.3	270.6	19,200 *	63.1	268.8	17,300 *
270	30	160	59.2	265.7	18,800 *	60.1	264.8	17,600 *	60.9	262.9	16,000 *
270	30	170	57.0	259.4	17,000 *	57.9	258.4	16,200 *	58.6	256.5	14,700 *
270	30	180	54.7	252.5	15,100 *	55.6	251.5	15,100 *	56.3	249.5	13,600 *
270	30	190	52.3	245.0	13,400 *	53.2	243.9	13,600 *	53.9	241.9	12,500 *
270	30	200	49.9	236.7	11,900 *	50.7	235.7	12,100 *	51.4	233.5	11,500 *
270	30	210	47.3	227.8	10,500 *	48.2	226.7	10,700 *	48.8	224.4	10,700 *
270	30	220	44.7	218.0	9,300 *	45.5	216.8	9,500 *	46.1	214.4	9,600 *
270	30	230	41.9	207.1	8,200 *	42.7	205.9	8,300 *			
270	30	240	38.9	195.2	7,200 *	39.7	193.9	7,300 *			
270	30	250	35.8	181.8	6,200 *	36.5	180.4	6,400 *			
270	30	260	32.3	166.8	5,400 *						
270	30	270	28.5	149.4	4,600 *						
270	40	60	80.2	314.4	36,000 *	81.4	313.3	35,900 *			
270	40	70	78.3	312.3	35,900 *	79.5	311.3	35,600 *	80.6	309.1	30,900 *
270	40	80	76.4	310.0	33,400 *	77.6	308.9	31,200 *	78.7	306.7	28,100 *
270	40	90	74.5	307.3	30,800 *	75.7	306.2	28,600 *	76.8	304.0	25,400 *
270	40	100	72.6	304.2	28,200 *	73.8	303.1	26,100 *	74.9	300.9	23,100 *
270	40	110	70.6	300.7	25,800 *	71.8	299.6	24,000 *	72.9	297.4	21,100 *
270	40	120	68.7	296.9	23,900 *	69.9	295.8	21,800 *	70.9	293.5	19,100 *
270	40	130	66.7	292.7	21,800 *	67.9	291.5	20,000 *	68.9	289.2	17,600 *
270	40	140	64.7	288.0	20,200 *	65.8	286.8	18,500 *	66.9	284.5	15,900 *
270	40	150	62.6	282.9	18,700 *	63.8	281.7	17,000 *	64.8	279.3	14,600 *
270	40	160	60.5	277.3	17,200 *	61.6	276.1	15,700 *	62.6	273.7	13,500 *
270	40	170	58.3	271.3	15,900 *	59.5	270.0	14,600 *	60.5	267.5	12,200 *
270	40	180	56.2	264.7	14,600 *	57.3	263.4	13,500 *	58.2	260.9	11,400 *
270	40	190	53.9	257.5	13,700 *	55.0	256.2	12,400 *	56.0	253.6	10,400 *
270	40	200	51.6	249.7	12,200 *	52.7	248.4	11,500 *	53.6	245.7	9,600 *
270	40	210	49.2	241.3	10,800 *	50.3	239.8	10,600 *	51.1	237.0	8,900 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
270	40	220	46.7	232.0	9,600	47.7	230.6	9,900	48.6	227.6	8,200 *
270	40	230	44.1	221.9	8,500	45.1	220.4	8,700	45.9	217.3	7,700 *
270	40	240	41.3	210.8	7,500	42.4	209.2	7,700			
270	40	250	38.4	198.6	6,500	39.4	196.9	6,700			
270	40	260	35.3	184.9	5,700	36.3	183.1	5,800			
270	40	270	31.9	169.5	4,900						
270	40	280	28.2	151.8	4,200						
270	50	60	80.6	324.5	32,000 *						
270	50	70	78.8	322.5	31,600 *	80.3	321.2	30,100 *	81.7	318.6	27,100 *
270	50	80	77.0	320.3	29,600 *	78.5	318.9	28,100 *	79.8	316.3	24,500 *
270	50	90	75.1	317.6	27,900 *	76.6	316.3	25,600 *	78.0	313.7	22,000 *
270	50	100	73.3	314.7	25,700 *	74.8	313.3	23,200 *	76.1	310.6	19,800 *
270	50	110	71.4	311.3	23,700 *	72.9	310.0	21,300 *	74.2	307.3	18,000 *
270	50	120	69.5	307.6	21,800 *	71.0	306.2	19,500 *	72.3	303.5	16,500 *
270	50	130	67.6	303.5	20,000 *	69.0	302.1	18,000 *	70.3	299.4	14,900 *
270	50	140	65.6	299.1	18,400 *	67.1	297.6	16,300 *	68.4	294.8	13,500 *
270	50	150	63.7	294.2	16,900 *	65.1	292.7	15,200 *	66.3	289.9	12,300 *
270	50	160	61.7	288.8	15,600 *	63.1	287.3	13,800 *	64.3	284.4	11,300 *
270	50	170	59.6	283.0	14,400 *	61.0	281.5	12,800 *	62.2	278.5	10,300 *
270	50	180	57.5	276.7	13,400 *	58.9	275.2	11,700 *	60.1	272.1	9,500 *
270	50	190	55.3	269.9	12,400 *	56.7	268.3	10,900 *	57.9	265.2	8,700 *
270	50	200	53.1	262.5	11,400 *	54.5	260.8	9,900 *	55.6	257.6	8,000 *
270	50	210	50.8	254.4	10,700 *	52.2	252.7	9,200 *	53.3	249.4	7,300 *
270	50	220	48.5	245.7	9,900	49.8	244.0	8,500 *	50.9	240.5	6,900 *
270	50	230	46.0	236.2	8,700	47.3	234.4	8,000 *	48.4	230.8	6,200 *
270	50	240	43.5	225.8	7,700	44.8	223.9	7,500 *	45.8	220.2	5,900 *
270	50	250	40.8	214.5	6,800	42.0	212.5	6,900 *			
270	50	260	37.9	201.9	5,900	39.2	199.8	6,200			
270	50	270	34.9	188.0	5,200	36.1	185.7	5,300			
270	50	280	31.6	172.3	4,400						
270	50	290	27.9	154.2	3,800						
270	60	60	81.1	334.6	26,900 *						
270	60	70	79.3	332.7	26,700 *	81.0	331.2	25,900 *			
270	60	80	77.5	330.5	26,100 *	79.3	329.0	24,900 *	80.9	325.9	21,000 *
270	60	90	75.8	328.0	24,400 *	77.5	326.4	22,600 *	79.1	323.4	18,900 *
270	60	100	74.0	325.1	22,900 *	75.7	323.5	20,700 *	77.3	320.4	17,200 *
270	60	110	72.1	321.9	21,500 *	73.8	320.3	18,800 *	75.4	317.2	15,500 *
270	60	120	70.3	318.3	19,700 *	72.0	316.7	17,100 *	73.6	313.5	14,000 *
270	60	130	68.5	314.4	18,200 *	70.1	312.7	15,700 *	71.7	309.5	12,500 *
270	60	140	66.6	310.0	16,600 *	68.3	308.4	14,400 *	69.8	305.1	11,400 *
270	60	150	64.7	305.3	15,200 *	66.3	303.6	13,200 *	67.8	300.3	10,300 *
270	60	160	62.7	300.2	14,200 *	64.4	298.5	12,000 *	65.9	295.1	9,300 *
270	60	170	60.8	294.6	13,100 *	62.4	292.9	11,000 *	63.8	289.4	8,600 *
270	60	180	58.7	288.6	12,000 *	60.4	286.8	10,200 *	61.8	283.3	7,800 *
270	60	190	56.7	282.0	11,200 *	58.3	280.2	9,500 *	59.7	276.6	7,200 *
270	60	200	54.6	274.9	10,400 *	56.2	273.1	8,700 *	57.5	269.4	6,500 *
270	60	210	52.4	267.3	9,700 *	54.0	265.4	8,000 *	55.3	261.6	6,000 *
270	60	220	50.2	259.0	8,900 *	51.7	257.0	7,400 *	53.0	253.1	5,500 *
270	60	230	47.8	250.0	8,200 *	49.4	248.0	6,900 *	50.6	243.9	5,200 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
270	60	240	45.4	240.3	7,700 *	47.0	238.2	6,400 *	48.2	233.9	4,700 *
270	60	250	42.9	229.7	7,000	44.4	227.4	6,000 *	45.6	223.0	4,400 *
270	60	260	40.3	218.0	6,200	41.7	215.7	5,600 *			
270	60	270	37.5	205.2	5,400	38.9	202.7	5,300 *			
270	60	280	34.5	191.0	4,700	35.9	188.3	4,900			
270	60	290	31.2	174.9	4,000						
270	60	300	27.6	156.5	3,400						
270	70	60	81.5	344.7	21,900 *						
270	70	70	79.8	342.9	21,600 *	81.7	341.2	20,400 *			
270	70	80	78.0	340.8	21,400 *	80.0	339.0	20,100 *	81.9	335.6	18,200 *
270	70	90	76.3	338.3	21,100 *	78.3	336.5	19,700 *	80.1	333.1	16,200 *
270	70	100	74.6	335.5	20,100 *	76.5	333.7	18,000 *	78.3	330.2	14,500 *
270	70	110	72.8	332.4	18,900 *	74.8	330.6	16,500 *	76.6	327.1	13,100 *
270	70	120	71.1	328.9	17,400 *	73.0	327.1	15,100 *	74.8	323.6	11,700 *
270	70	130	69.3	325.1	16,200 *	71.2	323.3	13,700 *	72.9	319.7	10,500 *
270	70	140	67.5	320.9	14,900 *	69.4	319.1	12,500 *	71.1	315.4	9,400 *
270	70	150	65.6	316.4	13,600 *	67.5	314.5	11,500 *	69.2	310.8	8,500 *
270	70	160	63.7	311.4	12,700 *	65.6	309.5	10,500 *	67.3	305.8	7,700 *
270	70	170	61.8	306.1	11,600 *	63.7	304.1	9,700 *	65.4	300.3	7,000 *
270	70	180	59.9	300.3	10,800 *	61.8	298.3	8,800 *	63.4	294.4	6,400 *
270	70	190	57.9	294.0	10,000 *	59.8	292.0	8,100 *	61.4	288.0	5,800 *
270	70	200	55.9	287.2	9,100 *	57.7	285.2	7,500 *	59.3	281.0	5,300 *
270	70	210	53.8	279.9	8,500 *	55.6	277.8	6,900 *	57.2	273.6	4,900 *
270	70	220	51.7	272.0	7,900 *	53.5	269.8	6,300 *	55.0	265.5	4,600 *
270	70	230	49.5	263.5	7,400 *	51.3	261.3	6,000 *	52.8	256.7	4,200 *
270	70	240	47.2	254.3	6,800 *	49.0	252.0	5,400 *	50.4	247.3	3,900 *
270	70	250	44.9	244.3	6,400 *	46.6	241.9	5,100 *	48.0	237.0	3,500 *
270	70	260	42.4	233.4	6,000 *	44.1	230.9	4,800 *	45.4	225.7	3,300 *
270	70	270	39.8	221.5	5,600	41.5	218.8	4,500 *			
270	70	280	37.0	208.5	4,900	38.7	205.6	4,200 *			
270	70	290	34.1	193.9	4,200	35.7	190.8	3,900 *			
270	70	300	30.9	177.6	3,600						
270	70	310	27.3	158.8	3,000						
270	80	60	81.8	354.9	17,900 *						
270	80	70	80.2	353.1	17,700 *						
270	80	80	78.5	351.0	17,400 *	80.7	349.1	16,200 *			
270	80	90	76.9	348.6	17,200 *	79.0	346.7	15,900 *	81.1	342.8	13,700 *
270	80	100	75.2	345.9	16,900 *	77.3	343.9	15,500 *	79.4	340.1	12,400 *
270	80	110	73.5	342.9	16,600 *	75.6	340.9	14,300 *	77.6	337.0	11,000 *
270	80	120	71.8	339.5	15,400 *	73.9	337.5	13,100 *	75.9	333.6	9,800 *
270	80	130	70.0	335.8	14,200 *	72.2	333.8	11,800 *	74.1	329.8	8,900 *
270	80	140	68.3	331.8	13,200 *	70.4	329.8	10,700 *	72.3	325.7	8,000 *
270	80	150	66.5	327.4	12,000 *	68.6	325.3	9,900 *	70.5	321.2	7,200 *
270	80	160	64.7	322.6	11,200 *	66.8	320.5	8,900 *	68.7	316.4	6,400 *
270	80	170	62.9	317.5	10,300 *	64.9	315.3	8,300 *	66.8	311.1	5,900 *
270	80	180	61.0	311.9	9,400 *	63.1	309.7	7,500 *	64.9	305.4	5,400 *
270	80	190	59.1	305.8	8,800 *	61.2	303.6	7,000 *	63.0	299.2	4,800 *
270	80	200	57.2	299.3	8,200 *	59.2	297.1	6,300 *	61.0	292.5	4,400 *
270	80	210	55.2	292.3	7,500 *	57.2	290.0	5,800 *	59.0	285.4	4,000 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
270	80	220	53.1	284.8	7,000 *	55.1	282.4	5,400 *	56.9	277.7	3,700 *
270	80	230	51.0	276.7	6,400 *	53.0	274.2	5,000 *	54.7	269.3	3,400 *
270	80	240	48.9	267.9	6,000 *	50.9	265.4	4,600 *	52.5	260.3	3,100 *
270	80	250	46.6	258.5	5,700 *	48.6	255.9	4,300 *	50.2	250.6	2,900 *
270	80	260	44.3	248.3	5,200 *	46.2	245.5	4,000 *	47.8	240.0	2,700 *
270	80	270	41.9	237.1	4,900 *	43.8	234.3	3,700 *	45.3	228.5	2,500 *
270	80	280	39.3	225.0	4,600 *	41.2	221.9	3,500 *			
270	80	290	36.6	211.6	4,400 *	38.4	208.4	3,300 *			
270	80	300	33.7	196.8	3,800	35.5	193.3	3,100 *			
270	80	310	30.5	180.2	3,200						
270	80	320	27.0	161.1	2,600						
270	90	70	80.6	363.2	13,700 *						
270	90	80	79.0	361.2	13,500 *	81.4	359.1	12,300 *			
270	90	90	77.4	358.9	13,300 *	79.8	356.8	12,000 *			
270	90	100	75.7	356.3	13,000 *	78.1	354.1	11,700 *	80.4	349.9	10,300 *
270	90	110	74.1	353.3	12,800 *	76.5	351.2	11,300 *	78.7	346.9	9,300 *
270	90	120	72.4	350.1	12,500 *	74.8	347.9	11,000 *	77.0	343.6	8,300 *
270	90	130	70.7	346.5	12,200 *	73.1	344.3	10,100 *	75.3	340.0	7,400 *
270	90	140	69.0	342.6	11,400 *	71.4	340.4	9,200 *	73.5	336.0	6,600 *
270	90	150	67.3	338.4	10,400 *	69.6	336.1	8,400 *	71.8	331.6	6,000 *
270	90	160	65.6	333.7	9,600 *	67.9	331.5	7,700 *	70.0	326.9	5,500 *
270	90	170	63.8	328.7	8,900 *	66.1	326.4	7,000 *	68.2	321.8	4,800 *
270	90	180	62.0	323.3	8,200 *	64.3	321.0	6,400 *	66.4	316.3	4,400 *
270	90	190	60.2	317.5	7,700 *	62.5	315.1	5,900 *	64.5	310.4	3,900 *
270	90	200	58.3	311.3	7,100 *	60.6	308.8	5,400 *	62.6	304.0	3,600 *
270	90	210	56.4	304.6	6,600 *	58.7	302.1	4,900 *	60.6	297.1	3,300 *
270	90	220	54.5	297.4	6,100 *	56.7	294.8	4,600 *	58.6	289.7	3,000 *
270	90	230	52.5	289.6	5,600 *	54.7	287.0	4,200 *	56.6	281.7	2,800 *
270	90	240	50.4	281.3	5,200 *	52.6	278.6	3,900 *	54.4	273.1	2,500 *
270	90	250	48.3	272.3	4,900 *	50.4	269.5	3,600 *	52.2	263.9	2,300 *
270	90	260	46.1	262.6	4,600 *	48.2	259.7	3,400 *	50.0	253.8	2,100 *
270	90	270	43.8	252.2	4,200 *	45.9	249.1	3,100 *	47.6	243.0	2,000 *
270	90	280	41.4	240.8	4,000 *	43.5	237.6	2,900 *			
270	90	290	38.9	228.4	3,800 *	40.9	225.0	2,800 *			
270	90	300	36.2	214.8	3,500 *	38.2	211.2	2,600 *			
270	90	310	33.3	199.7	3,300	35.3	195.8	2,500 *			
270	90	320	30.2	182.7	2,800						
270	90	330	26.8	163.3	2,300						
270	100	70	81.0	373.4	9,800 *						
270	100	80	79.4	371.4	9,600 *						
270	100	90	77.8	369.2	9,300 *	80.4	366.9	8,300 *			
270	100	100	76.3	366.6	9,100 *	78.8	364.3	8,100 *	81.3	359.7	7,400 *
270	100	110	74.7	363.8	8,800 *	77.2	361.4	8,000 *	79.6	356.8	7,300 *
270	100	120	73.0	360.6	8,600 *	75.6	358.3	7,800 *	78.0	353.6	7,000 *
270	100	130	71.4	357.1	8,400 *	74.0	354.8	7,600 *	76.3	350.1	6,200 *
270	100	140	69.8	353.4	8,200 *	72.3	351.0	7,500 *	74.7	346.2	5,600 *
270	100	150	68.1	349.2	8,100 *	70.6	346.8	7,100 *	73.0	342.0	5,000 *
270	100	160	66.4	344.8	7,900 *	68.9	342.3	6,500 *	71.2	337.4	4,500 *
270	100	170	64.7	339.9	7,700 *	67.2	337.5	5,900 *	69.5	332.5	4,100 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB 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)
270	100	180	63.0	334.7	7,200 *	65.5	332.2	5,400 *	67.7	327.2	3,600 *
270	100	190	61.2	329.1	6,600 *	63.7	326.6	5,000 *	65.9	321.4	3,300 *
270	100	200	59.4	323.1	6,100 *	61.9	320.5	4,500 *	64.1	315.3	3,000 *
270	100	210	57.6	316.7	5,700 *	60.0	314.0	4,200 *	62.2	308.6	2,700 *
270	100	220	55.7	309.7	5,300 *	58.1	307.0	3,900 *	60.3	301.5	2,500 *
270	100	230	53.8	302.3	4,800 *	56.2	299.5	3,500 *	58.3	293.9	2,200 *
270	100	240	51.8	294.3	4,500 *	54.2	291.5	3,300 *	56.3	285.7	2,000 *
270	100	250	49.8	285.8	4,200 *	52.2	282.8	3,100 *			
270	100	260	47.7	276.6	4,000 *	50.0	273.5	2,800 *			
270	100	270	45.5	266.7	3,700 *	47.8	263.5	2,600 *			
270	100	280	43.3	256.0	3,400 *	45.6	252.7	2,400 *			
270	100	290	40.9	244.4	3,200 *	43.2	240.9	2,300 *			
270	100	300	38.4	231.7	3,100 *	40.6	228.0	2,200 *			
270	100	310	35.8	217.9	2,900 *	38.0	213.9	2,100 *			
270	100	320	33.0	202.5	2,700 *						
270	100	330	29.9	185.2	2,400						
270	100	340	26.5	165.5	2,000						
280	30	50	81.9	316.1	40,000 *						
280	30	60	80.0	314.4	40,000 *	80.9	313.6	40,000 *	81.8	311.9	38,100 *
280	30	70	78.1	312.4	38,900 *	79.0	311.5	34,500 *	79.9	309.9	32,100 *
280	30	80	76.2	310.0	33,400 *	77.1	309.2	31,800 *	78.0	307.5	29,700 *
280	30	90	74.3	307.3	30,700 *	75.2	306.4	29,200 *	76.1	304.7	27,000 *
280	30	100	72.4	304.2	28,400 *	73.3	303.4	26,900 *	74.1	301.6	24,900 *
280	30	110	70.5	300.8	26,100 *	71.4	299.9	24,600 *	72.2	298.2	22,600 *
280	30	120	68.5	296.9	23,900 *	69.4	296.0	22,800 *	70.2	294.3	20,800 *
280	30	130	66.5	292.7	22,200 *	67.4	291.8	20,800 *	68.2	290.0	19,100 *
280	30	140	64.5	288.0	20,200 *	65.4	287.1	19,200 *	66.1	285.3	17,300 *
280	30	150	62.4	282.9	18,800 *	63.3	282.0	17,800 *	64.1	280.2	16,000 *
280	30	160	60.3	277.4	17,200 *	61.2	276.4	16,300 *	61.9	274.5	14,700 *
280	30	170	58.2	271.3	16,000 *	59.0	270.3	15,000 *	59.8	268.4	13,600 *
280	30	180	56.0	264.7	14,700	56.8	263.7	13,800 *	57.5	261.7	12,500 *
280	30	190	53.7	257.6	13,000	54.6	256.5	12,800 *	55.3	254.5	11,500 *
280	30	200	51.4	249.8	11,500	52.2	248.7	11,700	52.9	246.6	10,800 *
280	30	210	49.0	241.3	10,100	49.8	240.2	10,400	50.5	238.0	9,800 *
280	30	220	46.5	232.1	8,900	47.3	230.9	9,100	47.9	228.7	9,300
280	30	230	43.9	222.0	7,800	44.7	220.8	8,000	45.3	218.4	8,100
280	30	240	41.2	210.9	6,800	41.9	209.6	6,900			
280	30	250	38.3	198.6	5,900	39.0	197.3	6,000			
280	30	260	35.2	185.0	5,000	35.9	183.5	5,100			
280	30	270	31.8	169.6	4,200						
280	30	280	28.1	151.9	3,500						
280	40	60	80.5	324.5	36,000 *	81.7	323.4	35,900 *			
280	40	70	78.7	322.6	33,600 *	79.8	321.5	31,700 *	80.9	319.3	29,000 *
280	40	80	76.8	320.3	31,000 *	78.0	319.2	29,100 *	79.1	317.0	26,200 *
280	40	90	75.0	317.7	28,600 *	76.2	316.6	26,800 *	77.2	314.4	24,000 *
280	40	100	73.1	314.7	26,300 *	74.3	313.6	24,500 *	75.4	311.4	21,800 *
280	40	110	71.3	311.4	24,100 *	72.4	310.2	22,300 *	73.5	308.0	19,700 *
280	40	120	69.4	307.7	22,100 *	70.5	306.5	20,600 *	71.6	304.3	18,100 *
280	40	130	67.4	303.6	20,400 *	68.6	302.4	18,900 *	69.6	300.1	16,500 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
280	40	140	65.5	299.1	18,700 *	66.6	297.9	17,400 *	67.6	295.6	14,900 *
280	40	150	63.5	294.2	17,400 *	64.6	293.0	15,900 *	65.6	290.6	13,900 *
280	40	160	61.5	288.8	16,000 *	62.6	287.6	14,500 *	63.6	285.2	12,600 *
280	40	170	59.4	283.0	14,700 *	60.6	281.8	13,400 *	61.5	279.3	11,600 *
280	40	180	57.3	276.7	13,500 *	58.4	275.5	12,400 *	59.4	272.9	10,600 *
280	40	190	55.2	269.9	12,600 *	56.3	268.6	11,400 *	57.2	266.0	9,700 *
280	40	200	53.0	262.5	11,600 *	54.1	261.1	10,500 *	55.0	258.5	9,000 *
280	40	210	50.7	254.4	10,400 *	51.8	253.1	9,900 *	52.6	250.3	8,300 *
280	40	220	48.3	245.7	9,200 *	49.4	244.3	9,200 *	50.2	241.4	7,800 *
280	40	230	45.9	236.2	8,100 *	46.9	234.7	8,300 *	47.7	231.8	7,100 *
280	40	240	43.3	225.9	7,100 *	44.3	224.3	7,300 *	45.1	221.2	6,600 *
280	40	250	40.6	214.5	6,100 *	41.6	212.9	6,400 *			
280	40	260	37.8	202.0	5,300 *	38.8	200.2	5,500 *			
280	40	270	34.7	188.0	4,500 *	35.7	186.1	4,700 *			
280	40	280	31.4	172.3	3,800 *						
280	40	290	27.7	154.2	3,100 *						
280	50	60	80.9	334.7	32,000 *						
280	50	70	79.1	332.8	30,700 *	80.6	331.4	28,800 *	81.9	328.8	25,500 *
280	50	80	77.4	330.5	28,600 *	78.8	329.2	26,300 *	80.2	326.6	23,200 *
280	50	90	75.6	328.0	26,400 *	77.0	326.7	24,000 *	78.4	324.0	20,900 *
280	50	100	73.8	325.1	24,200 *	75.2	323.8	22,000 *	76.5	321.1	19,000 *
280	50	110	72.0	321.9	22,300 *	73.4	320.5	20,200 *	74.7	317.8	17,000 *
280	50	120	70.2	318.3	20,300 *	71.6	317.0	18,300 *	72.8	314.2	15,500 *
280	50	130	68.3	314.4	18,600 *	69.7	313.0	16,900 *	71.0	310.2	14,000 *
280	50	140	66.4	310.1	17,200 *	67.8	308.6	15,300 *	69.1	305.8	12,700 *
280	50	150	64.5	305.3	15,900 *	65.9	303.9	14,200 *	67.1	301.1	11,600 *
280	50	160	62.6	300.2	14,700 *	64.0	298.7	12,900 *	65.2	295.8	10,600 *
280	50	170	60.6	294.6	13,400 *	62.0	293.1	12,000 *	63.2	290.2	9,700 *
280	50	180	58.6	288.6	12,300 *	59.9	287.1	10,900 *	61.1	284.0	8,800 *
280	50	190	56.5	282.0	11,400 *	57.9	280.5	10,100 *	59.0	277.4	8,100 *
280	50	200	54.4	275.0	10,700 *	55.7	273.4	9,200 *	56.9	270.2	7,500 *
280	50	210	52.3	267.3	9,800 *	53.6	265.7	8,500 *	54.7	262.4	6,900 *
280	50	220	50.0	259.0	9,200 *	51.3	257.3	8,000 *	52.4	253.9	6,400 *
280	50	230	47.7	250.1	8,400 *	49.0	248.3	7,400 *	50.0	244.8	5,800 *
280	50	240	45.3	240.3	7,300 *	46.6	238.5	6,900 *	47.5	234.8	5,500 *
280	50	250	42.8	229.7	6,400 *	44.0	227.8	6,500 *			
280	50	260	40.1	218.1	5,600 *	41.3	216.0	5,800 *			
280	50	270	37.3	205.3	4,800 *	38.5	203.1	5,000 *			
280	50	280	34.3	191.0	4,000 *	35.5	188.7	4,200 *			
280	50	290	31.1	175.0	3,400 *						
280	50	300	27.4	156.6	2,700 *						
280	60	60	81.3	344.8	26,900 *						
280	60	70	79.6	342.9	26,800 *	81.3	341.4	25,800 *			
280	60	80	77.9	340.8	25,500 *	79.6	339.2	23,600 *	81.2	336.2	20,200 *
280	60	90	76.2	338.3	23,800 *	77.8	336.8	21,400 *	79.4	333.7	18,000 *
280	60	100	74.4	335.5	21,900 *	76.1	334.0	19,500 *	77.6	330.9	16,400 *
280	60	110	72.7	332.4	20,100 *	74.3	330.8	17,700 *	75.9	327.7	14,700 *
280	60	120	70.9	329.0	18,400 *	72.6	327.4	16,400 *	74.1	324.2	13,300 *
280	60	130	69.1	325.2	17,000 *	70.8	323.5	14,800 *	72.2	320.3	11,900 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
280	60	140	67.3	321.0	15,600 *	68.9	319.3	13,600 *	70.4	316.1	10,900 *
280	60	150	65.5	316.4	14,300 *	67.1	314.8	12,400 *	68.5	311.5	9,800 *
280	60	160	63.6	311.5	13,300 *	65.2	309.8	11,300 *	66.6	306.4	9,000 *
280	60	170	61.7	306.1	12,100 *	63.3	304.4	10,500 *	64.7	301.0	8,100 *
280	60	180	59.8	300.3	11,200 *	61.3	298.5	9,600 *	62.7	295.0	7,500 *
280	60	190	57.8	294.0	10,400 *	59.4	292.2	8,700 *	60.7	288.7	6,700 *
280	60	200	55.8	287.3	9,700 *	57.3	285.4	8,200 *	58.7	281.8	6,200 *
280	60	210	53.7	279.9	9,000 *	55.2	278.1	7,500 *	56.5	274.3	5,700 *
280	60	220	51.6	272.1	8,300 *	53.1	270.1	7,000 *	54.4	266.2	5,300 *
280	60	230	49.4	263.5	7,700 *	50.9	261.5	6,400 *	52.1	257.5	4,800 *
280	60	240	47.1	254.3	7,100 *	48.6	252.3	5,900 *	49.8	248.1	4,500 *
280	60	250	44.7	244.3	6,600 *	46.2	242.2	5,600 *	47.4	237.8	4,200 *
280	60	260	42.2	233.5	5,800 *	43.7	231.2	5,200 *			
280	60	270	39.6	221.6	5,000 *	41.1	219.2	4,900 *			
280	60	280	36.9	208.5	4,300 *	38.3	205.9	4,500 *			
280	60	290	33.9	194.0	3,600 *	35.3	191.2	3,800 *			
280	60	300	30.7	177.6	3,000 *						
280	60	310	27.2	158.9	2,400 *						
280	70	60	81.7	354.9	21,900 *						
280	70	70	80.1	353.1	21,700 *	82.0	351.4	20,400 *			
280	70	80	78.4	351.0	21,400 *	80.3	349.3	20,100 *			
280	70	90	76.7	348.6	21,100 *	78.6	346.9	18,900 *	80.4	343.4	15,600 *
280	70	100	75.0	345.9	19,600 *	76.9	344.2	17,200 *	78.7	340.6	14,000 *
280	70	110	73.3	342.9	18,100 *	75.2	341.1	15,700 *	77.0	337.6	12,400 *
280	70	120	71.6	339.6	16,700 *	73.5	337.7	14,100 *	75.2	334.2	11,300 *
280	70	130	69.9	335.9	15,300 *	71.7	334.0	13,100 *	73.5	330.4	10,100 *
280	70	140	68.1	331.8	14,100 *	70.0	330.0	11,900 *	71.7	326.3	9,100 *
280	70	150	66.4	327.4	13,000 *	68.2	325.6	10,900 *	69.9	321.8	8,200 *
280	70	160	64.6	322.7	11,800 *	66.4	320.7	9,800 *	68.0	317.0	7,400 *
280	70	170	62.7	317.5	10,900 *	64.5	315.5	9,000 *	66.2	311.7	6,700 *
280	70	180	60.9	311.9	10,100 *	62.7	309.9	8,300 *	64.3	306.0	6,100 *
280	70	190	59.0	305.9	9,200 *	60.8	303.8	7,600 *	62.3	299.8	5,600 *
280	70	200	57.0	299.4	8,600 *	58.8	297.3	7,100 *	60.3	293.2	5,200 *
280	70	210	55.0	292.4	8,000 *	56.8	290.3	6,500 *	58.3	286.1	4,700 *
280	70	220	53.0	284.8	7,500 *	54.7	282.7	5,900 *	56.2	278.4	4,300 *
280	70	230	50.9	276.7	6,900 *	52.6	274.5	5,600 *	54.1	270.0	4,000 *
280	70	240	48.7	268.0	6,300 *	50.5	265.7	5,200 *	51.9	261.1	3,600 *
280	70	250	46.5	258.5	5,900 *	48.2	256.1	4,800 *	49.6	251.4	3,400 *
280	70	260	44.2	248.3	5,600 *	45.8	245.8	4,400 *	47.2	240.8	3,200 *
280	70	270	41.7	237.2	5,200 *	43.4	234.6	4,100 *			
280	70	280	39.2	225.0	4,500 *	40.8	222.3	3,900 *			
280	70	290	36.5	211.7	3,800 *	38.0	208.7	3,600 *			
280	70	300	33.6	196.9	3,200 *	35.1	193.7	3,400 *			
280	70	310	30.4	180.2	2,600 *						
280	70	320	26.9	161.1	2,000 *						
280	80	70	80.5	363.3	17,700 *						
280	80	80	78.9	361.2	17,500 *	81.0	359.3	16,200 *			
280	80	90	77.2	358.9	17,200 *	79.3	357.0	15,900 *	81.3	353.1	13,200 *
280	80	100	75.6	356.3	17,000 *	77.7	354.3	15,000 *	79.7	350.4	11,800 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
280	80	110	73.9	353.4	16,100 *	76.0	351.4	13,700 *	78.0	347.4	10,600 *
280	80	120	72.3	350.1	14,700 *	74.4	348.1	12,400 *	76.3	344.1	9,500 *
280	80	130	70.6	346.5	13,600 *	72.7	344.5	11,300 *	74.6	340.5	8,500 *
280	80	140	68.9	342.6	12,400 *	71.0	340.6	10,300 *	72.9	336.5	7,700 *
280	80	150	67.2	338.4	11,500 *	69.2	336.3	9,300 *	71.1	332.2	6,900 *
280	80	160	65.4	333.8	10,500 *	67.5	331.7	8,600 *	69.3	327.5	6,200 *
280	80	170	63.7	328.8	9,700 *	65.7	326.6	7,800 *	67.5	322.4	5,600 *
280	80	180	61.9	323.4	8,900 *	63.9	321.2	7,200 *	65.7	316.9	5,100 *
280	80	190	60.0	317.6	8,200 *	62.1	315.4	6,500 *	63.8	310.9	4,700 *
280	80	200	58.2	311.3	7,600 *	60.2	309.1	6,000 *	61.9	304.6	4,200 *
280	80	210	56.3	304.6	7,000 *	58.3	302.3	5,600 *	60.0	297.7	3,900 *
280	80	220	54.3	297.4	6,600 *	56.3	295.0	5,100 *	58.0	290.3	3,500 *
280	80	230	52.3	289.6	6,000 *	54.3	287.2	4,800 *	55.9	282.4	3,200 *
280	80	240	50.3	281.3	5,600 *	52.2	278.8	4,400 *	53.8	273.8	2,900 *
280	80	250	48.1	272.3	5,300 *	50.1	269.7	4,100 *	51.6	264.6	2,700 *
280	80	260	45.9	262.7	4,900 *	47.8	260.0	3,800 *	49.4	254.6	2,500 *
280	80	270	43.6	252.2	4,600 *	45.5	249.4	3,500 *	47.0	243.8	2,300 *
280	80	280	41.3	240.8	4,300 *	43.1	237.9	3,300 *			
280	80	290	38.7	228.4	4,000	40.5	225.3	3,100 *			
280	80	300	36.1	214.8	3,400	37.8	211.5	2,900 *			
280	80	310	33.2	199.7	2,800						
280	80	320	30.1	182.8	2,200						
280	90	70	80.9	373.4	13,800 *						
280	90	80	79.3	371.4	13,500 *	81.6	369.3	12,400 *			
280	90	90	77.7	369.2	13,300 *	80.0	367.0	12,100 *			
280	90	100	76.1	366.6	13,100 *	78.4	364.5	11,700 *	80.6	360.2	10,000 *
280	90	110	74.5	363.8	12,800 *	76.8	361.6	11,400 *	79.0	357.3	8,900 *
280	90	120	72.9	360.6	12,600 *	75.2	358.5	10,700 *	77.3	354.1	8,000 *
280	90	130	71.3	357.2	11,800 *	73.6	355.0	9,700 *	75.7	350.6	7,100 *
280	90	140	69.6	353.4	11,000 *	71.9	351.2	8,900 *	74.0	346.7	6,500 *
280	90	150	68.0	349.3	10,100 *	70.2	347.0	8,100 *	72.3	342.5	5,800 *
280	90	160	66.3	344.8	9,300 *	68.5	342.5	7,400 *	70.6	338.0	5,200 *
280	90	170	64.6	340.0	8,500 *	66.8	337.6	6,700 *	68.8	333.0	4,700 *
280	90	180	62.8	334.8	7,800 *	65.1	332.4	6,100 *	67.1	327.7	4,200 *
280	90	190	61.1	329.2	7,200 *	63.3	326.8	5,600 *	65.3	322.0	3,800 *
280	90	200	59.3	323.1	6,700 *	61.5	320.7	5,100 *	63.4	315.8	3,500 *
280	90	210	57.4	316.7	6,200 *	59.6	314.2	4,800 *	61.6	309.2	3,100 *
280	90	220	55.6	309.8	5,700 *	57.7	307.2	4,400 *	59.6	302.1	2,800 *
280	90	230	53.7	302.3	5,300 *	55.8	299.7	4,000 *	57.7	294.5	2,600 *
280	90	240	51.7	294.4	4,900 *	53.8	291.7	3,700 *	55.6	286.3	2,400 *
280	90	250	49.7	285.8	4,500 *	51.8	283.0	3,400 *	53.6	277.5	2,200 *
280	90	260	47.6	276.6	4,300 *	49.7	273.7	3,200 *	51.4	268.0	2,000 *
280	90	270	45.4	266.7	4,000 *	47.5	263.7	3,000 *			
280	90	280	43.1	256.0	3,700 *	45.2	252.9	2,800 *			
280	90	290	40.8	244.4	3,500 *	42.8	241.1	2,500 *			
280	90	300	38.3	231.8	3,300 *	40.3	228.3	2,400 *			
280	90	310	35.7	217.9	3,000	37.6	214.2	2,300 *			
280	90	320	32.8	202.5	2,400						
280	100	70	81.2	383.5	9,800 *						

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB 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)
280	100	80	79.7	381.6	9,600 *						
280	100	90	78.2	379.4	9,400 *	80.7	377.1	8,300 *			
280	100	100	76.6	377.0	9,100 *	79.1	374.6	8,200 *	81.5	370.0	7,400 *
280	100	110	75.1	374.2	8,900 *	77.6	371.9	8,000 *	79.9	367.2	7,300 *
280	100	120	73.5	371.1	8,700 *	76.0	368.8	7,800 *	78.3	364.1	6,800 *
280	100	130	71.9	367.8	8,400 *	74.4	365.4	7,700 *	76.7	360.7	6,000 *
280	100	140	70.3	364.1	8,300 *	72.8	361.7	7,500 *	75.1	356.9	5,400 *
280	100	150	68.7	360.1	8,100 *	71.2	357.7	6,800 *	73.4	352.8	4,800 *
280	100	160	67.1	355.8	8,000 *	69.5	353.3	6,200 *	71.8	348.4	4,300 *
280	100	170	65.4	351.1	7,400 *	67.9	348.6	5,700 *	70.1	343.6	3,900 *
280	100	180	63.7	346.1	6,800 *	66.2	343.5	5,200 *	68.4	338.5	3,500 *
280	100	190	62.0	340.6	6,300 *	64.4	338.1	4,800 *	66.6	332.9	3,100 *
280	100	200	60.3	334.8	5,700 *	62.7	332.2	4,400 *	64.8	327.0	2,900 *
280	100	210	58.5	328.6	5,400 *	60.9	325.9	4,000 *	63.0	320.6	2,600 *
280	100	220	56.7	322.0	5,000 *	59.1	319.2	3,700 *	61.2	313.8	2,300 *
280	100	230	54.9	314.8	4,600 *	57.2	312.0	3,400 *	59.3	306.5	2,100 *
280	100	240	53.0	307.2	4,200 *	55.3	304.3	3,100 *			
280	100	250	51.1	299.0	4,000 *	53.4	296.1	2,900 *			
280	100	260	49.1	290.2	3,700 *	51.4	287.2	2,700 *			
280	100	270	47.0	280.8	3,400 *	49.3	277.7	2,500 *			
280	100	280	44.9	270.7	3,200 *	47.1	267.4	2,300 *			
280	100	290	42.7	259.8	3,000 *	44.9	256.4	2,200 *			
280	100	300	40.3	248.0	2,800 *	42.5	244.4	2,000 *			
280	100	310	37.9	235.1	2,600 *						
280	100	320	35.3	220.9	2,500 *						
280	100	330	32.5	205.3	2,000						
290	30	60	80.3	324.6	39,600 *	81.2	323.7	37,800 *			
290	30	70	78.5	322.6	33,800 *	79.4	321.8	32,300 *	80.2	320.1	30,200 *
290	30	80	76.7	320.3	31,100 *	77.6	319.5	29,800 *	78.4	317.8	27,600 *
290	30	90	74.8	317.7	28,500 *	75.7	316.8	27,400 *	76.5	315.1	25,300 *
290	30	100	73.0	314.7	26,200 *	73.9	313.9	25,000 *	74.6	312.1	23,200 *
290	30	110	71.1	311.4	24,100 *	72.0	310.5	22,900 *	72.8	308.8	21,200 *
290	30	120	69.2	307.7	22,100 *	70.1	306.8	21,000 *	70.8	305.0	19,300 *
290	30	130	67.3	303.6	20,300 *	68.1	302.7	19,400 *	68.9	300.9	17,700 *
290	30	140	65.3	299.1	18,800 *	66.2	298.2	17,800 *	66.9	296.4	16,300 *
290	30	150	63.4	294.2	17,100 *	64.2	293.3	16,500 *	64.9	291.5	15,000 *
290	30	160	61.3	288.9	16,000 *	62.2	287.9	15,100 *	62.9	286.1	13,700 *
290	30	170	59.3	283.1	14,600 *	60.1	282.1	13,900 *	60.8	280.2	12,600 *
290	30	180	57.2	276.8	13,600 *	58.0	275.8	12,700 *	58.7	273.8	11,600 *
290	30	190	55.0	269.9	12,600	55.9	268.9	11,800 *	56.5	266.9	10,800 *
290	30	200	52.8	262.5	11,100	53.6	261.5	11,000 *	54.3	259.4	9,900 *
290	30	210	50.5	254.5	9,700	51.3	253.4	10,000	52.0	251.3	9,200 *
290	30	220	48.2	245.8	8,500	49.0	244.6	8,700	49.6	242.4	8,500 *
290	30	230	45.7	236.3	7,400	46.5	235.1	7,600	47.1	232.8	7,800
290	30	240	43.2	225.9	6,400	43.9	224.7	6,600			
290	30	250	40.5	214.6	5,500	41.2	213.3	5,600			
290	30	260	37.6	202.0	4,600	38.4	200.7	4,800			
290	30	270	34.6	188.1	3,800	35.3	186.6	4,000			
290	30	280	31.3	172.4	3,100						
290	30	290	27.6	154.3	2,400						

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
290	40	60	80.8	334.7	36,000 *	81.9	333.6	32,400 *			
290	40	70	79.0	332.8	31,400 *	80.2	331.7	29,500 *	81.2	329.5	27,200 *
290	40	80	77.2	330.6	29,000 *	78.4	329.5	27,300 *	79.4	327.3	24,700 *
290	40	90	75.5	328.0	26,800 *	76.6	326.9	25,000 *	77.6	324.7	22,500 *
290	40	100	73.7	325.2	24,400 *	74.8	324.0	22,900 *	75.8	321.8	20,500 *
290	40	110	71.8	321.9	22,300 *	73.0	320.8	20,900 *	74.0	318.6	18,600 *
290	40	120	70.0	318.4	20,600 *	71.1	317.2	19,100 *	72.2	315.0	16,900 *
290	40	130	68.2	314.4	19,100 *	69.3	313.3	17,500 *	70.3	311.0	15,400 *
290	40	140	66.3	310.1	17,500 *	67.4	308.9	16,000 *	68.4	306.6	14,100 *
290	40	150	64.4	305.4	16,000 *	65.5	304.2	14,700 *	66.4	301.8	12,900 *
290	40	160	62.4	300.2	14,800 *	63.5	299.0	13,600 *	64.5	296.6	11,700 *
290	40	170	60.5	294.7	13,600 *	61.5	293.4	12,600 *	62.5	291.0	10,900 *
290	40	180	58.4	288.6	12,500 *	59.5	287.4	11,500 *	60.4	284.9	9,900 *
290	40	190	56.4	282.1	11,600 *	57.5	280.8	10,700 *	58.4	278.2	9,200 *
290	40	200	54.3	275.0	10,700 *	55.3	273.7	9,800 *	56.2	271.0	8,500 *
290	40	210	52.1	267.4	9,900 *	53.1	266.0	9,000 *	54.0	263.3	7,800 *
290	40	220	49.9	259.1	8,800 *	50.9	257.7	8,400 *	51.7	254.9	7,200 *
290	40	230	47.6	250.1	7,700 *	48.6	248.6	7,800 *	49.4	245.7	6,700 *
290	40	240	45.1	240.4	6,700 *	46.1	238.8	6,900 *	46.9	235.8	6,200 *
290	40	250	42.6	229.7	5,800 *	43.6	228.1	6,000 *			
290	40	260	40.0	218.1	4,900 *	40.9	216.4	5,100 *			
290	40	270	37.2	205.3	4,100 *	38.1	203.5	4,300 *			
290	40	280	34.2	191.1	3,400 *	35.1	189.1	3,500 *			
290	40	290	30.9	175.0	2,700 *						
290	40	300	27.3	156.6	2,100 *						
290	50	60	81.2	344.8	31,500 *						
290	50	70	79.5	343.0	29,000 *	80.9	341.6	26,900 *			
290	50	80	77.8	340.8	26,800 *	79.2	339.5	24,700 *	80.5	336.8	21,800 *
290	50	90	76.0	338.3	24,600 *	77.4	337.0	22,500 *	78.7	334.4	19,700 *
290	50	100	74.3	335.6	22,600 *	75.7	334.2	20,600 *	77.0	331.5	17,800 *
290	50	110	72.5	332.4	20,600 *	73.9	331.1	18,800 *	75.2	328.4	16,200 *
290	50	120	70.8	329.0	19,000 *	72.1	327.6	17,300 *	73.4	324.9	14,500 *
290	50	130	69.0	325.2	17,500 *	70.3	323.8	15,800 *	71.6	321.0	13,400 *
290	50	140	67.2	321.0	16,100 *	68.5	319.6	14,400 *	69.7	316.8	12,100 *
290	50	150	65.3	316.4	14,700 *	66.7	315.0	13,200 *	67.9	312.2	11,100 *
290	50	160	63.5	311.5	13,400 *	64.8	310.0	12,000 *	66.0	307.1	10,100 *
290	50	170	61.6	306.1	12,400 *	62.9	304.6	11,200 *	64.0	301.7	9,200 *
290	50	180	59.6	300.3	11,500 *	60.9	298.8	10,100 *	62.1	295.8	8,400 *
290	50	190	57.6	294.1	10,600 *	58.9	292.5	9,400 *	60.1	289.4	7,600 *
290	50	200	55.6	287.3	9,800 *	56.9	285.7	8,700 *	58.0	282.5	7,000 *
290	50	210	53.5	280.0	9,100 *	54.8	278.4	8,100 *	55.9	275.1	6,500 *
290	50	220	51.4	272.1	8,500 *	52.7	270.4	7,400 *	53.7	267.1	6,000 *
290	50	230	49.2	263.6	7,800 *	50.5	261.9	6,900 *	51.5	258.4	5,600 *
290	50	240	46.9	254.4	7,000 *	48.2	252.6	6,400 *	49.2	249.0	5,100 *
290	50	250	44.6	244.4	6,000 *	45.8	242.5	5,900 *	46.7	238.8	4,800 *
290	50	260	42.1	233.5	5,200 *	43.3	231.5	5,400 *			
290	50	270	39.5	221.6	4,400 *	40.7	219.5	4,600 *			
290	50	280	36.7	208.5	3,600 *	37.9	206.3	3,900 *			
290	50	290	33.8	194.0	3,000 *						
290	50	300	30.6	177.7	2,300 *						

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
290	60	60	81.6	354.9	26,900 *						
290	60	70	79.9	353.1	26,400 *	81.6	351.6	24,200 *			
290	60	80	78.3	351.0	24,400 *	79.9	349.5	22,200 *	81.4	346.4	19,100 *
290	60	90	76.6	348.6	22,400 *	78.2	347.1	20,200 *	79.7	344.0	17,000 *
290	60	100	74.9	345.9	20,700 *	76.5	344.4	18,400 *	78.0	341.3	15,600 *
290	60	110	73.2	342.9	19,000 *	74.8	341.3	16,900 *	76.3	338.2	14,000 *
290	60	120	71.5	339.6	17,400 *	73.1	338.0	15,400 *	74.5	334.8	12,600 *
290	60	130	69.7	335.9	15,900 *	71.3	334.3	13,900 *	72.8	331.1	11,300 *
290	60	140	68.0	331.9	14,500 *	69.6	330.2	12,800 *	71.0	327.0	10,300 *
290	60	150	66.2	327.5	13,300 *	67.8	325.8	11,700 *	69.2	322.5	9,200 *
290	60	160	64.4	322.7	12,400 *	66.0	321.0	10,600 *	67.4	317.6	8,500 *
290	60	170	62.6	317.5	11,200 *	64.1	315.8	9,700 *	65.5	312.4	7,600 *
290	60	180	60.7	311.9	10,400 *	62.3	310.2	9,000 *	63.6	306.7	7,000 *
290	60	190	58.8	305.9	9,700 *	60.3	304.1	8,300 *	61.7	300.6	6,500 *
290	60	200	56.9	299.4	9,000 *	58.4	297.6	7,500 *	59.7	293.9	5,900 *
290	60	210	54.9	292.4	8,300 *	56.4	290.5	7,000 *	57.7	286.8	5,400 *
290	60	220	52.9	284.9	7,600 *	54.3	282.9	6,500 *	55.6	279.1	4,900 *
290	60	230	50.8	276.8	7,100 *	52.2	274.8	6,000 *	53.5	270.8	4,600 *
290	60	240	48.6	268.0	6,600 *	50.1	266.0	5,500 *	51.3	261.9	4,200 *
290	60	250	46.4	258.6	6,200 *	47.8	256.4	5,100 *	49.0	252.2	3,900 *
290	60	260	44.0	248.3	5,400 *	45.5	246.1	4,800 *	46.6	241.7	3,600 *
290	60	270	41.6	237.2	4,600 *	43.0	234.9	4,500 *			
290	60	280	39.0	225.1	3,900 *	40.4	222.6	4,100 *			
290	60	290	36.3	211.7	3,200 *	37.7	209.1	3,400 *			
290	60	300	33.4	196.9	2,600 *						
290	60	310	30.3	180.3	2,000 *						
290	70	60	81.9	365.0	21,900 *						
290	70	70	80.3	363.3	21,700 *						
290	70	80	78.7	361.3	21,500 *	80.6	359.5	19,700 *			
290	70	90	77.1	358.9	20,300 *	78.9	357.2	18,000 *	80.7	353.7	14,900 *
290	70	100	75.5	356.3	18,600 *	77.3	354.5	16,300 *	79.0	351.0	13,200 *
290	70	110	73.8	353.4	17,000 *	75.6	351.6	15,000 *	77.3	348.0	12,000 *
290	70	120	72.1	350.1	15,800 *	74.0	348.3	13,500 *	75.7	344.7	10,600 *
290	70	130	70.5	346.6	14,400 *	72.3	344.7	12,200 *	73.9	341.1	9,600 *
290	70	140	68.8	342.7	13,300 *	70.6	340.8	11,100 *	72.2	337.1	8,800 *
290	70	150	67.0	338.4	12,000 *	68.8	336.5	10,200 *	70.5	332.8	7,900 *
290	70	160	65.3	333.8	11,100 *	67.1	331.9	9,300 *	68.7	328.1	7,100 *
290	70	170	63.5	328.8	10,300 *	65.3	326.9	8,500 *	66.9	323.0	6,500 *
290	70	180	61.7	323.4	9,300 *	63.5	321.4	7,800 *	65.1	317.5	5,800 *
290	70	190	59.9	317.6	8,700 *	61.7	315.6	7,200 *	63.2	311.6	5,300 *
290	70	200	58.0	311.3	7,900 *	59.8	309.3	6,700 *	61.3	305.2	4,900 *
290	70	210	56.1	304.6	7,400 *	57.9	302.5	6,100 *	59.4	298.4	4,400 *
290	70	220	54.2	297.4	6,800 *	55.9	295.3	5,500 *	57.4	291.0	4,100 *
290	70	230	52.2	289.7	6,300 *	53.9	287.5	5,200 *	55.3	283.1	3,700 *
290	70	240	50.1	281.3	5,900 *	51.8	279.1	4,800 *	53.2	274.5	3,500 *
290	70	250	48.0	272.4	5,500 *	49.7	270.0	4,400 *	51.0	265.3	3,200 *
290	70	260	45.8	262.7	5,100 *	47.4	260.3	4,100 *	48.8	255.4	3,000 *
290	70	270	43.5	252.2	4,800 *	45.1	249.7	3,800 *	46.4	244.6	2,700 *
290	70	280	41.1	240.9	4,100 *	42.7	238.2	3,600 *			

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
290	70	290	38.6	228.5	3,400	40.2	225.6	3,400 *			
290	70	300	35.9	214.9	2,800	37.5	211.8	3,000			
290	70	310	33.1	199.8	2,200						
290	80	70	80.7	373.4	17,800 *						
290	80	80	79.2	371.5	17,500 *	81.2	369.5	16,300 *			
290	80	90	77.6	369.2	17,300 *	79.6	367.2	15,800 *	81.6	363.3	12,700 *
290	80	100	76.0	366.7	16,700 *	78.0	364.7	14,300 *	80.0	360.8	11,300 *
290	80	110	74.4	363.8	15,400 *	76.4	361.8	12,900 *	78.3	357.9	10,200 *
290	80	120	72.8	360.7	14,000 *	74.8	358.6	11,800 *	76.7	354.7	9,100 *
290	80	130	71.1	357.2	12,900 *	73.2	355.2	10,700 *	75.0	351.1	8,200 *
290	80	140	69.5	353.4	11,800 *	71.5	351.4	9,800 *	73.4	347.3	7,400 *
290	80	150	67.8	349.3	10,900 *	69.8	347.2	8,900 *	71.7	343.1	6,700 *
290	80	160	66.2	344.8	10,000 *	68.1	342.7	8,100 *	70.0	338.5	5,900 *
290	80	170	64.4	340.0	9,100 *	66.4	337.8	7,500 *	68.2	333.6	5,300 *
290	80	180	62.7	334.8	8,400 *	64.7	332.6	6,800 *	66.4	328.3	4,900 *
290	80	190	60.9	329.2	7,700 *	62.9	327.0	6,200 *	64.6	322.6	4,400 *
290	80	200	59.1	323.2	7,100 *	61.1	320.9	5,700 *	62.8	316.4	4,000 *
290	80	210	57.3	316.7	6,600 *	59.2	314.4	5,300 *	60.9	309.8	3,600 *
290	80	220	55.4	309.8	6,200 *	57.4	307.4	4,800 *	59.0	302.7	3,400 *
290	80	230	53.5	302.4	5,600 *	55.4	299.9	4,400 *	57.1	295.1	3,000 *
290	80	240	51.6	294.4	5,300 *	53.4	291.9	4,100 *	55.0	287.0	2,800 *
290	80	250	49.5	285.8	4,800 *	51.4	283.3	3,800 *	53.0	278.2	2,600 *
290	80	260	47.4	276.6	4,500 *	49.3	274.0	3,600 *	50.8	268.7	2,400 *
290	80	270	45.3	266.7	4,200 *	47.1	264.0	3,300 *	48.6	258.5	2,200 *
290	80	280	43.0	256.0	4,000 *	44.8	253.2	3,000 *	46.2	247.4	2,000 *
290	80	290	40.7	244.4	3,600	42.4	241.4	2,800 *			
290	80	300	38.2	231.8	3,000	39.9	228.6	2,700 *			
290	80	310	35.5	217.9	2,400	37.2	214.5	2,500 *			
290	90	70	81.1	383.6	13,800 *						
290	90	80	79.6	381.6	13,600 *	81.9	379.5	12,400 *			
290	90	90	78.0	379.5	13,400 *	80.3	377.3	12,100 *			
290	90	100	76.5	377.0	13,100 *	78.8	374.8	11,800 *	80.9	370.5	9,800 *
290	90	110	74.9	374.2	12,900 *	77.2	372.0	11,300 *	79.3	367.7	8,700 *
290	90	120	73.4	371.1	12,300 *	75.6	369.0	10,200 *	77.7	364.6	7,800 *
290	90	130	71.8	367.8	11,400 *	74.0	365.6	9,400 *	76.1	361.2	6,900 *
290	90	140	70.2	364.1	10,400 *	72.4	361.9	8,400 *	74.5	357.4	6,100 *
290	90	150	68.6	360.1	9,500 *	70.8	357.8	7,800 *	72.8	353.3	5,600 *
290	90	160	66.9	355.8	8,700 *	69.1	353.5	7,000 *	71.1	348.9	5,000 *
290	90	170	65.3	351.1	8,000 *	67.5	348.8	6,400 *	69.5	344.2	4,500 *
290	90	180	63.6	346.1	7,400 *	65.8	343.7	5,800 *	67.7	339.0	4,100 *
290	90	190	61.9	340.7	6,900 *	64.1	338.3	5,400 *	66.0	333.5	3,600 *
290	90	200	60.2	334.9	6,300 *	62.3	332.4	4,900 *	64.2	327.6	3,300 *
290	90	210	58.4	328.6	5,800 *	60.5	326.1	4,500 *	62.4	321.2	3,000 *
290	90	220	56.6	322.0	5,400 *	58.7	319.4	4,100 *	60.6	314.4	2,700 *
290	90	230	54.8	314.8	4,900 *	56.9	312.2	3,800 *	58.7	307.1	2,500 *
290	90	240	52.9	307.2	4,600 *	55.0	304.5	3,500 *	56.8	299.2	2,300 *
290	90	250	50.9	299.0	4,300 *	53.0	296.3	3,200 *	54.8	290.8	2,100 *
290	90	260	48.9	290.3	4,000 *	51.0	287.4	3,000 *			
290	90	270	46.9	280.9	3,700 *	48.9	277.9	2,800 *			

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
290	90	280	44.8	270.7	3,400 *	46.8	267.7	2,600 *			
290	90	290	42.5	259.8	3,200 *	44.5	256.6	2,400 *			
290	90	300	40.2	248.0	3,000 *	42.2	244.7	2,200 *			
290	90	310	37.8	235.1	2,600 *	39.7	231.6	2,100 *			
290	90	320	35.2	221.0	2,000 *	37.0	217.2	2,000 *			
290	100	70	81.5	393.7	9,900 *						
290	100	80	80.0	391.8	9,600 *						
290	100	90	78.5	389.7	9,400 *	80.9	387.4	8,300 *			
290	100	100	77.0	387.3	9,200 *	79.4	384.9	8,200 *	81.7	380.3	7,400 *
290	100	110	75.5	384.6	9,000 *	77.9	382.2	8,000 *	80.2	377.6	7,300 *
290	100	120	73.9	381.6	8,700 *	76.4	379.2	7,900 *	78.6	374.5	6,600 *
290	100	130	72.4	378.3	8,500 *	74.8	376.0	7,700 *	77.1	371.2	5,800 *
290	100	140	70.9	374.8	8,300 *	73.3	372.4	7,300 *	75.5	367.6	5,200 *
290	100	150	69.3	370.9	8,200 *	71.7	368.5	6,600 *	73.9	363.6	4,700 *
290	100	160	67.7	366.7	7,700 *	70.1	364.2	6,100 *	72.3	359.3	4,200 *
290	100	170	66.1	362.2	7,100 *	68.5	359.7	5,500 *	70.6	354.7	3,800 *
290	100	180	64.5	357.3	6,500 *	66.8	354.8	5,000 *	69.0	349.7	3,400 *
290	100	190	62.8	352.1	6,000 *	65.2	349.5	4,600 *	67.3	344.3	3,000 *
290	100	200	61.1	346.4	5,500 *	63.5	343.8	4,200 *	65.6	338.6	2,700 *
290	100	210	59.4	340.4	5,100 *	61.8	337.8	3,800 *	63.8	332.5	2,400 *
290	100	220	57.7	334.0	4,700 *	60.0	331.3	3,500 *	62.1	325.9	2,200 *
290	100	230	55.9	327.2	4,300 *	58.2	324.4	3,200 *	60.2	318.8	2,000 *
290	100	240	54.1	319.8	4,000 *	56.4	317.0	2,900 *			
290	100	250	52.3	312.0	3,700 *	54.5	309.1	2,700 *			
290	100	260	50.4	303.6	3,500 *	52.6	300.6	2,500 *			
290	100	270	48.4	294.6	3,200 *	50.6	291.5	2,300 *			
290	100	280	46.4	285.0	3,000 *	48.6	281.8	2,100 *			
290	100	290	44.3	274.7	2,800 *	46.4	271.3	2,000 *			
290	100	300	42.1	263.5	2,600 *						
290	100	310	39.8	251.5	2,500 *						
290	100	320	37.4	238.3	2,200 *						
300	30	60	80.6	334.7	34,200 *	81.5	333.9	32,700 *			
300	30	70	78.8	332.8	31,600 *	79.7	332.0	30,200 *	80.5	330.3	28,400 *
300	30	80	77.1	330.6	29,100 *	77.9	329.8	27,700 *	78.7	328.1	26,000 *
300	30	90	75.3	328.1	26,800 *	76.2	327.2	25,500 *	76.9	325.5	23,700 *
300	30	100	73.5	325.2	24,500 *	74.4	324.3	23,400 *	75.1	322.6	21,800 *
300	30	110	71.7	322.0	22,500 *	72.5	321.1	21,500 *	73.3	319.4	19,800 *
300	30	120	69.9	318.4	20,600 *	70.7	317.5	19,500 *	71.5	315.8	18,100 *
300	30	130	68.0	314.4	19,000 *	68.8	313.6	18,100 *	69.6	311.8	16,600 *
300	30	140	66.1	310.1	17,300 *	67.0	309.2	16,500 *	67.7	307.4	15,100 *
300	30	150	64.2	305.4	16,000 *	65.0	304.5	15,200 *	65.8	302.7	13,900 *
300	30	160	62.3	300.3	14,800 *	63.1	299.3	13,900 *	63.8	297.5	12,700 *
300	30	170	60.3	294.7	13,500 *	61.1	293.7	12,800 *	61.8	291.8	11,700 *
300	30	180	58.3	288.6	12,600 *	59.1	287.7	11,900 *	59.8	285.7	10,700 *
300	30	190	56.2	282.1	11,600 *	57.0	281.1	10,900 *	57.7	279.1	9,900 *
300	30	200	54.1	275.0	10,700 *	54.9	274.0	10,100 *	55.6	272.0	9,200 *
300	30	210	52.0	267.4	9,400 *	52.7	266.3	9,300 *	53.4	264.2	8,500 *
300	30	220	49.7	259.1	8,100 *	50.5	258.0	8,400 *	51.1	255.9	7,800 *
300	30	230	47.4	250.1	7,000 *	48.2	249.0	7,200 *	48.8	246.8	7,300 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB 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)
300	30	240	45.0	240.4	6,000	45.7	239.2	6,200	46.3	236.9	6,300
300	30	250	42.5	229.8	5,100	43.2	228.6	5,300			
300	30	260	39.8	218.2	4,200	40.6	216.9	4,400			
300	30	270	37.0	205.4	3,400	37.7	204.0	3,600			
300	30	280	34.0	191.1	2,700						
300	40	60	81.0	344.8	32,000 *						
300	40	70	79.3	343.0	29,600 *	80.4	341.9	27,900 *	81.5	339.7	25,500 *
300	40	80	77.6	340.8	27,200 *	78.7	339.7	25,500 *	79.8	337.6	23,100 *
300	40	90	75.9	338.4	25,000 *	77.0	337.3	23,200 *	78.0	335.1	21,100 *
300	40	100	74.1	335.6	22,900 *	75.3	334.5	21,400 *	76.3	332.3	19,100 *
300	40	110	72.4	332.5	21,000 *	73.5	331.3	19,500 *	74.5	329.1	17,600 *
300	40	120	70.6	329.0	19,100 *	71.7	327.9	17,800 *	72.7	325.6	15,900 *
300	40	130	68.8	325.2	17,500 *	69.9	324.1	16,400 *	70.9	321.8	14,500 *
300	40	140	67.0	321.0	16,000 *	68.1	319.9	14,900 *	69.1	317.5	13,300 *
300	40	150	65.2	316.5	14,700 *	66.3	315.3	13,800 *	67.2	312.9	12,000 *
300	40	160	63.3	311.5	13,600 *	64.4	310.3	12,600 *	65.3	307.9	11,000 *
300	40	170	61.4	306.2	12,500 *	62.5	304.9	11,500 *	63.4	302.5	10,100 *
300	40	180	59.5	300.4	11,700 *	60.5	299.1	10,600 *	61.4	296.6	9,300 *
300	40	190	57.5	294.1	10,700 *	58.5	292.8	9,800 *	59.4	290.3	8,500 *
300	40	200	55.5	287.3	9,900 *	56.5	286.0	9,100 *	57.4	283.4	7,800 *
300	40	210	53.4	280.0	9,200 *	54.4	278.7	8,300 *	55.3	276.0	7,200 *
300	40	220	51.3	272.1	8,400 *	52.3	270.7	7,700 *	53.1	268.0	6,600 *
300	40	230	49.1	263.6	7,300 *	50.1	262.2	7,200 *	50.9	259.3	6,100 *
300	40	240	46.8	254.4	6,300 *	47.8	252.9	6,600 *	48.6	250.0	5,700 *
300	40	250	44.4	244.4	5,400 *	45.4	242.9	5,600 *	46.1	239.8	5,300 *
300	40	260	42.0	233.6	4,500 *	42.9	231.9	4,700 *			
300	40	270	39.4	221.7	3,700 *	40.3	220.0	3,900 *			
300	40	280	36.6	208.6	3,000 *	37.5	206.8	3,200 *			
300	40	290	33.7	194.1	2,300 *						
300	50	60	81.4	354.9	29,600 *						
300	50	70	79.8	353.1	27,300 *	81.1	351.8	25,300 *			
300	50	80	78.1	351.1	25,000 *	79.5	349.7	23,300 *	80.7	347.1	20,500 *
300	50	90	76.4	348.7	23,100 *	77.8	347.3	21,300 *	79.0	344.7	18,600 *
300	50	100	74.8	346.0	21,100 *	76.1	344.6	19,300 *	77.3	341.9	17,000 *
300	50	110	73.1	343.0	19,400 *	74.4	341.6	17,700 *	75.6	338.9	15,200 *
300	50	120	71.3	339.6	17,800 *	72.7	338.2	16,100 *	73.9	335.5	13,900 *
300	50	130	69.6	335.9	16,200 *	70.9	334.5	14,700 *	72.1	331.8	12,500 *
300	50	140	67.9	331.9	14,900 *	69.2	330.5	13,400 *	70.4	327.7	11,400 *
300	50	150	66.1	327.5	13,600 *	67.4	326.1	12,300 *	68.5	323.2	10,300 *
300	50	160	64.3	322.7	12,600 *	65.6	321.3	11,300 *	66.7	318.4	9,400 *
300	50	170	62.4	317.5	11,600 *	63.7	316.1	10,400 *	64.9	313.1	8,600 *
300	50	180	60.6	311.9	10,700 *	61.9	310.4	9,500 *	63.0	307.4	7,900 *
300	50	190	58.7	305.9	9,900 *	59.9	304.4	8,700 *	61.0	301.3	7,200 *
300	50	200	56.7	299.4	9,000 *	58.0	297.9	8,100 *	59.1	294.7	6,500 *
300	50	210	54.8	292.4	8,400 *	56.0	290.8	7,400 *	57.1	287.6	6,100 *
300	50	220	52.7	284.9	7,800 *	54.0	283.2	6,800 *	55.0	280.0	5,700 *
300	50	230	50.6	276.8	7,200 *	51.8	275.1	6,300 *	52.9	271.7	5,200 *
300	50	240	48.5	268.0	6,600 *	49.7	266.3	6,000 *	50.6	262.8	4,700 *
300	50	250	46.2	258.6	5,600 *	47.4	256.8	5,500 *	48.4	253.1	4,400 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
300	50	260	43.9	248.4	4,800	45.1	246.5	5,100	46.0	242.7	4,100 *
300	50	270	41.5	237.3	4,000	42.6	235.3	4,200			
300	50	280	38.9	225.1	3,200	40.0	223.0	3,500			
300	50	290	36.2	211.8	2,600	37.3	209.5	2,800			
300	60	60	81.8	365.0	26,900 *						
300	60	70	80.2	363.3	25,000 *	81.8	361.8	22,900 *			
300	60	80	78.6	361.3	23,100 *	80.2	359.7	20,900 *	81.7	356.6	18,000 *
300	60	90	77.0	359.0	21,200 *	78.5	357.4	19,100 *	80.0	354.3	16,300 *
300	60	100	75.3	356.3	19,500 *	76.9	354.8	17,400 *	78.4	351.6	14,700 *
300	60	110	73.7	353.4	17,800 *	75.2	351.8	15,900 *	76.7	348.7	13,300 *
300	60	120	72.0	350.2	16,200 *	73.6	348.6	14,500 *	75.0	345.4	12,000 *
300	60	130	70.3	346.6	15,000 *	71.9	345.0	13,300 *	73.3	341.7	10,900 *
300	60	140	68.6	342.7	13,700 *	70.2	341.0	12,000 *	71.6	337.8	9,700 *
300	60	150	66.9	338.4	12,600 *	68.4	336.8	10,900 *	69.8	333.5	8,900 *
300	60	160	65.2	333.8	11,500 *	66.7	332.1	10,100 *	68.1	328.8	8,000 *
300	60	170	63.4	328.8	10,600 *	64.9	327.1	9,200 *	66.3	323.7	7,300 *
300	60	180	61.6	323.4	9,700 *	63.1	321.7	8,400 *	64.4	318.2	6,600 *
300	60	190	59.8	317.6	9,000 *	61.3	315.8	7,700 *	62.6	312.3	6,100 *
300	60	200	57.9	311.4	8,300 *	59.4	309.6	7,100 *	60.7	306.0	5,500 *
300	60	210	56.0	304.7	7,600 *	57.5	302.8	6,500 *	58.7	299.1	5,000 *
300	60	220	54.1	297.4	7,000 *	55.5	295.6	6,000 *	56.8	291.8	4,700 *
300	60	230	52.1	289.7	6,500 *	53.5	287.7	5,600 *	54.7	283.9	4,300 *
300	60	240	50.0	281.4	6,100 *	51.4	279.4	5,100 *	52.6	275.4	4,000 *
300	60	250	47.9	272.4	5,700 *	49.3	270.3	4,700 *	50.4	266.2	3,600 *
300	60	260	45.7	262.7	5,000 *	47.1	260.6	4,400 *	48.2	256.3	3,400 *
300	60	270	43.4	252.3	4,200 *	44.8	250.0	4,100 *	45.8	245.5	3,100 *
300	60	280	41.0	240.9	3,500 *	42.3	238.5	3,800 *			
300	60	290	38.5	228.5	2,800 *	39.8	226.0	3,100 *			
300	60	300	35.8	214.9	2,200 *	37.1	212.2	2,400 *			
300	70	70	80.6	373.4	21,700 *						
300	70	80	79.0	371.5	20,800 *	80.8	369.7	18,700 *			
300	70	90	77.4	369.2	19,200 *	79.2	367.4	17,000 *	80.9	363.9	14,200 *
300	70	100	75.9	366.7	17,600 *	77.7	364.9	15,500 *	79.3	361.3	12,800 *
300	70	110	74.3	363.8	16,100 *	76.0	362.0	14,200 *	77.7	358.5	11,400 *
300	70	120	72.6	360.7	14,800 *	74.4	358.9	12,800 *	76.1	355.3	10,200 *
300	70	130	71.0	357.2	13,600 *	72.8	355.4	11,600 *	74.4	351.7	9,200 *
300	70	140	69.4	353.4	12,500 *	71.1	351.6	10,600 *	72.7	347.9	8,200 *
300	70	150	67.7	349.3	11,300 *	69.5	347.4	9,600 *	71.0	343.7	7,500 *
300	70	160	66.0	344.8	10,400 *	67.8	342.9	8,800 *	69.3	339.2	6,800 *
300	70	170	64.3	340.0	9,600 *	66.0	338.1	8,100 *	67.6	334.2	6,200 *
300	70	180	62.6	334.8	8,800 *	64.3	332.8	7,400 *	65.8	328.9	5,600 *
300	70	190	60.8	329.2	8,000 *	62.5	327.2	6,800 *	64.0	323.2	5,000 *
300	70	200	59.0	323.2	7,500 *	60.7	321.2	6,300 *	62.2	317.1	4,600 *
300	70	210	57.2	316.7	6,900 *	58.9	314.7	5,700 *	60.3	310.5	4,200 *
300	70	220	55.3	309.8	6,400 *	57.0	307.7	5,200 *	58.4	303.5	3,800 *
300	70	230	53.4	302.4	5,900 *	55.0	300.2	4,800 *	56.5	295.9	3,600 *
300	70	240	51.4	294.4	5,500 *	53.1	292.2	4,400 *	54.4	287.7	3,200 *
300	70	250	49.4	285.9	5,000 *	51.0	283.6	4,200 *	52.4	279.0	3,000 *
300	70	260	47.3	276.7	4,700 *	48.9	274.3	3,900 *	50.2	269.5	2,800 *

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
300	70	270	45.1	266.8	4,400	46.7	264.3	3,500 *	48.0	259.3	2,500 *
300	70	280	42.9	256.1	3,700	44.5	253.5	3,300 *	45.7	248.3	2,400 *
300	70	290	40.5	244.5	3,000	42.1	241.8	3,100 *			
300	70	300	38.0	231.8	2,400	39.6	229.0	2,700			
300	80	70	81.0	383.6	17,800 *						
300	80	80	79.4	381.7	17,600 *	81.5	379.7	16,300 *			
300	80	90	77.9	379.5	17,300 *	79.9	377.5	15,100 *	81.8	373.6	12,200 *
300	80	100	76.4	377.0	15,800 *	78.4	375.0	13,700 *	80.2	371.1	10,900 *
300	80	110	74.8	374.2	14,600 *	76.8	372.2	12,500 *	78.7	368.3	9,800 *
300	80	120	73.2	371.2	13,400 *	75.2	369.2	11,300 *	77.1	365.1	8,700 *
300	80	130	71.7	367.8	12,100 *	73.6	365.8	10,300 *	75.5	361.7	7,800 *
300	80	140	70.1	364.1	11,200 *	72.0	362.1	9,200 *	73.8	358.0	7,100 *
300	80	150	68.5	360.1	10,200 *	70.4	358.1	8,500 *	72.2	353.9	6,400 *
300	80	160	66.8	355.8	9,300 *	68.8	353.7	7,600 *	70.5	349.5	5,700 *
300	80	170	65.2	351.1	8,600 *	67.1	349.0	7,000 *	68.8	344.7	5,100 *
300	80	180	63.5	346.1	7,800 *	65.4	343.9	6,500 *	67.1	339.6	4,600 *
300	80	190	61.8	340.7	7,300 *	63.7	338.5	5,800 *	65.4	334.1	4,200 *
300	80	200	60.0	334.9	6,600 *	61.9	332.6	5,400 *	63.6	328.2	3,800 *
300	80	210	58.3	328.7	6,200 *	60.2	326.4	4,900 *	61.8	321.8	3,500 *
300	80	220	56.5	322.0	5,700 *	58.4	319.7	4,500 *	60.0	315.0	3,200 *
300	80	230	54.6	314.9	5,300 *	56.5	312.5	4,200 *	58.1	307.7	2,900 *
300	80	240	52.8	307.2	4,900 *	54.6	304.8	3,800 *	56.2	299.9	2,700 *
300	80	250	50.8	299.1	4,500 *	52.6	296.5	3,500 *	54.2	291.5	2,400 *
300	80	260	48.8	290.3	4,200 *	50.6	287.7	3,300 *	52.1	282.5	2,200 *
300	80	270	46.8	280.9	3,900 *	48.6	278.2	3,000 *	50.0	272.8	2,100 *
300	80	280	44.6	270.8	3,600 *	46.4	268.0	2,800 *			
300	80	290	42.4	259.8	3,200	44.2	256.9	2,700 *			
300	80	300	40.1	248.0	2,600	41.8	245.0	2,500 *			
300	80	310	37.6	235.1	2,000	39.3	231.9	2,300			
300	90	70	81.3	393.7	13,900 *						
300	90	80	79.8	391.8	13,600 *						
300	90	90	78.4	389.7	13,400 *	80.6	387.6	12,200 *			
300	90	100	76.9	387.3	13,200 *	79.0	385.1	11,900 *	81.1	380.8	9,300 *
300	90	110	75.3	384.6	12,900 *	77.5	382.4	10,900 *	79.6	378.1	8,300 *
300	90	120	73.8	381.6	11,900 *	76.0	379.4	9,800 *	78.0	375.0	7,400 *
300	90	130	72.3	378.4	10,800 *	74.4	376.1	9,000 *	76.5	371.7	6,700 *
300	90	140	70.7	374.8	9,900 *	72.9	372.5	8,100 *	74.9	368.1	5,900 *
300	90	150	69.2	370.9	9,000 *	71.3	368.6	7,400 *	73.3	364.1	5,300 *
300	90	160	67.6	366.7	8,200 *	69.7	364.4	6,700 *	71.7	359.8	4,800 *
300	90	170	66.0	362.2	7,700 *	68.1	359.9	6,100 *	70.0	355.2	4,300 *
300	90	180	64.3	357.3	7,100 *	66.5	355.0	5,500 *	68.4	350.3	3,900 *
300	90	190	62.7	352.1	6,500 *	64.8	349.7	5,100 *	66.7	344.9	3,500 *
300	90	200	61.0	346.5	5,900 *	63.1	344.0	4,600 *	65.0	339.2	3,200 *
300	90	210	59.3	340.5	5,500 *	61.4	338.0	4,200 *	63.2	333.0	2,900 *
300	90	220	57.6	334.0	5,000 *	59.6	331.5	3,900 *	61.5	326.5	2,600 *
300	90	230	55.8	327.2	4,600 *	57.9	324.6	3,600 *	59.7	319.4	2,400 *
300	90	240	54.0	319.9	4,300 *	56.0	317.2	3,200 *	57.8	311.9	2,200 *
300	90	250	52.1	312.0	4,000 *	54.2	309.3	3,000 *			
300	90	260	50.2	303.6	3,700 *	52.2	300.8	2,800 *			

STERLING CRANE

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 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)
300	90	270	48.3	294.7	3,400 *	50.3	291.8	2,600 *			
300	90	280	46.2	285.0	3,200 *	48.2	282.1	2,400 *			
300	90	290	44.1	274.7	3,000 *	46.1	271.6	2,200 *			
300	90	300	42.0	263.6	2,800	43.9	260.3	2,100 *			
300	90	310	39.7	251.5	2,200						
300	100	70	81.7	403.8	9,900 *						
300	100	80	80.2	402.0	9,700 *						
300	100	90	78.8	399.9	9,500 *	81.2	397.6	8,400 *			
300	100	100	77.3	397.6	9,200 *	79.7	395.2	8,200 *	82.0	390.6	7,400 *
300	100	110	75.8	395.0	9,000 *	78.2	392.6	8,100 *	80.5	387.9	7,100 *
300	100	120	74.4	392.1	8,800 *	76.7	389.7	7,900 *	78.9	384.9	6,400 *
300	100	130	72.9	388.9	8,600 *	75.2	386.5	7,800 *	77.4	381.7	5,600 *
300	100	140	71.3	385.4	8,400 *	73.7	383.0	7,000 *	75.9	378.2	5,000 *
300	100	150	69.8	381.7	8,000 *	72.2	379.2	6,400 *	74.3	374.3	4,500 *
300	100	160	68.3	377.6	7,400 *	70.6	375.1	5,800 *	72.8	370.2	4,000 *
300	100	170	66.7	373.2	6,800 *	69.1	370.7	5,300 *	71.2	365.7	3,600 *
300	100	180	65.2	368.5	6,200 *	67.5	365.9	4,800 *	69.6	360.8	3,200 *
300	100	190	63.6	363.4	5,600 *	65.9	360.8	4,300 *	67.9	355.7	2,900 *
300	100	200	61.9	358.0	5,100 *	64.2	355.3	3,900 *	66.3	350.1	2,600 *
300	100	210	60.3	352.2	4,800 *	62.6	349.5	3,600 *	64.6	344.2	2,300 *
300	100	220	58.6	346.0	4,400 *	60.9	343.2	3,300 *	62.9	337.8	2,100 *
300	100	230	56.9	339.3	4,100 *	59.1	336.6	3,000 *			
300	100	240	55.2	332.3	3,800 *	57.4	329.5	2,800 *			
300	100	250	53.4	324.8	3,500 *	55.6	321.9	2,500 *			
300	100	260	51.5	316.7	3,200 *	53.7	313.7	2,400 *			
300	100	270	49.7	308.1	3,000 *	51.8	305.1	2,200 *			
300	100	280	47.7	299.0	2,800 *	49.9	295.8	2,000 *			
300	100	290	45.7	289.1	2,600 *						
300	100	300	43.7	278.6	2,400 *						
300	100	310	41.5	267.2	2,200 *						