



P & H 670TC

Williams Cranes & Rigging is a Queensland owned and operated supplier of cranes hire and rigging services to both the construction and general industry. Since 1988, the company has specialized in mobile cranes for Taxi Hire, Dry Hire, and Short and Long Term Site Work.

Drawing on the expertise of key personnel, Williams Cranes can provide expert and innovative solutions to enable lifting jobs to be performed quickly, safely and cost effectively.

Contact us today to discuss your lifting needs!

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Range Diagram

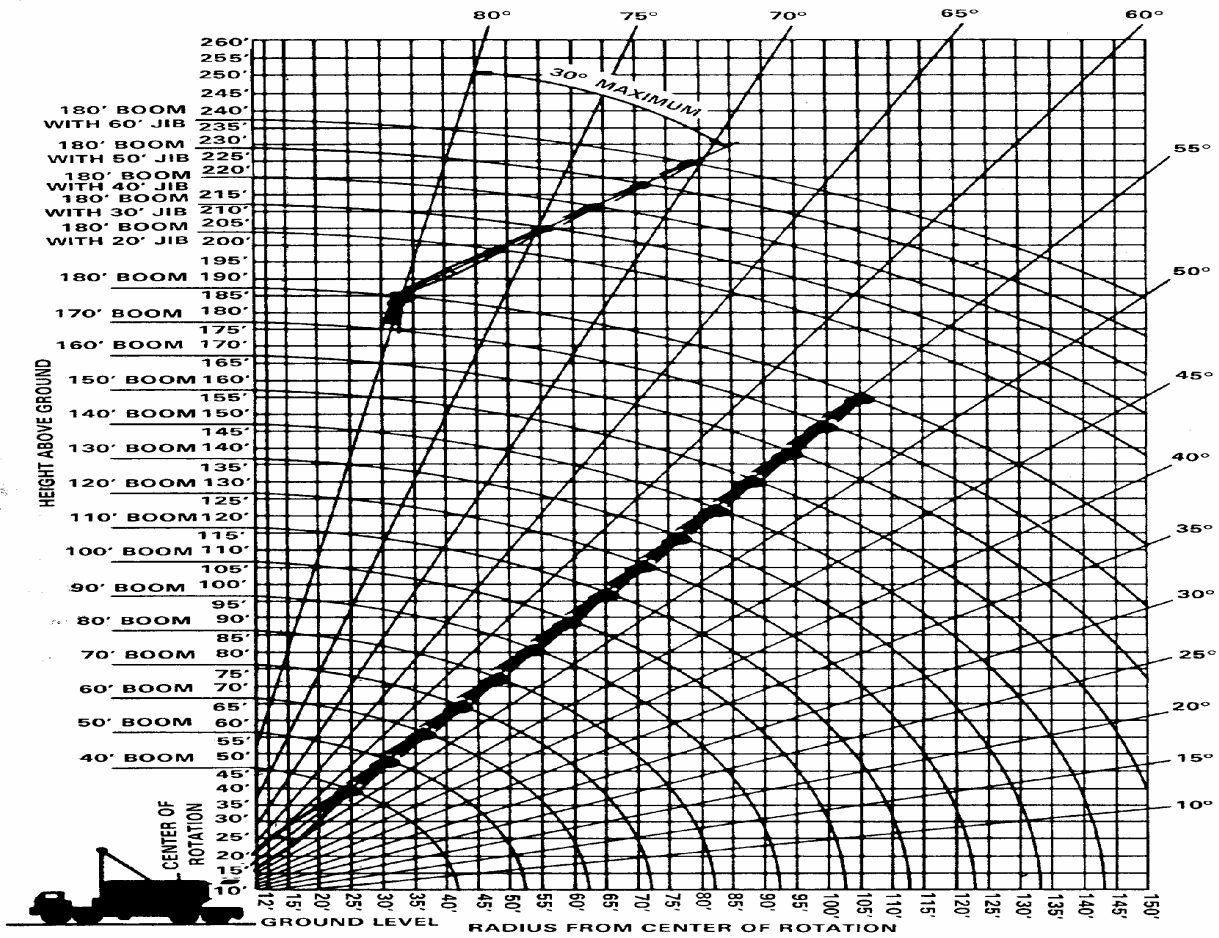


Figure 1-5. Crane Range Diagram

OVER REAR BOOM LOAD RATINGS - WITH FRONT BUMPER COUNTERWEIGHT

OPER. RAD. METRE	ANGLE	12.2m BOOM		15.2m BOOM		18.3m BOOM		21.3m BOOM		24.4m BOOM		27.4m BOOM		30.5m BOOM		33.5m BOOM		36.6m BOOM		OPER. RAD. METRE																	
		BOOM PT. EL.	RATINGS KGS.	BOOM PT. EL.	RATINGS KGS.	BOOM PT. EL.	RATINGS KGS.	BOOM PT. EL.	RATINGS KGS.	BOOM PT. EL.	RATINGS KGS.	BOOM PT. EL.	RATINGS KGS.	BOOM PT. EL.	RATINGS KGS.	BOOM PT. EL.	RATINGS KGS.	BOOM PT. EL.	RATINGS KGS.																		
3-50	80	14-5	65 000																	3-50																	
4-00	77	14-4	60 000	80	17-4	59 000														4-00																	
5-00	73	14-1	52 000	76	17-2	51 800	79	20-4	51 000	80	23-5	50 500								5-00																	
6-00	68	13-7	50 000	72	16-9	50 000	75	20-2	49 900	78	23-3	49 900	79	26-2	49 000					6-00																	
7-00	62	13-3	47 000	68	16-8	47 000	72	19-9	46 900	75	23-0	46 800	77	26-0	46 700	78	29-3	46 600	79	32-4	46 500	80	35-5	46 400									7-00				
8-00	57	12-7	38 800	64	16-1	38 800	69	19-5	38 800	72	22-7	38 700	74	25-8	38 700	76	29-1	38 700	78	32-2	38 700	79	35-3	38 600	80	38-5	34 000								8-00		
9-00	51	11-9	33 000	60	15-6	33 000	65	19-1	32 900	69	22-4	32 900	72	25-4	32 800	74	28-8	32 800	76	32-0	32 800	77	35-1	32 700	78	38-3	32 000									9-00	
10-00	44	11-0	28 100	55	15-0	28 100	62	18-6	28 000	66	21-9	27 900	69	25-1	27 900	72	28-5	27 900	74	31-7	27 900	75	34-8	27 800	76	38-0	27 700									10-00	
12-00	28	8-1	20 800	45	13-3	20 800	54	17-3	21 500	60	20-9	21 400	64	24-2	21 300	67	27-7	21 300	70	31-0	21 300	72	34-2	21 200	73	37-5	21 100									12-00	
14-00				33	10-8	17 400	46	15-6	17 300	54	19-6	17 200	59	23-1	17 100	63	26-8	17 000	66	30-2	17 000	68	33-5	16 900	70	36-8	16 900									14-00	
16-00				13	5-9	14 400	36	13-3	14 400	46	17-9	14 300	53	21-8	14 200	58	25-6	14 100	61	29-2	14 100	64	32-6	14 000	67	36-0	13 900									16-00	
18-00							23	9-7	12 300	38	15-7	12 100	47	20-1	12 000	53	24-2	12 000	57	28-0	11 900	60	31-5	11 800	63	35-0	11 800									18-00	
20-00										28	12-6	10 500	40	17-9	10 800	47	22-5	10 300	52	26-5	10 200	56	30-3	10 100	59	33-9	10 100									20-00	
22-00										12	7-0	8 800	32	15-1	9 100	41	20-4	9 000	47	24-8	8 900	52	28-8	8 800	56	32-6	8 800									22-00	
24-00													21	11-0	8 100	34	17-8	8 000	42	22-8	7 900	47	27-1	7 800	52	31-2	7 700									24-00	
26-00																25	14-2	7 150	36	20-3	7 000	43	25-1	6 900	48	29-4	6 800									26-00	
28-00																12	8-0	6 450	29	17-0	6 300	37	22-7	6 200	43	27-4	6 100									28-00	
30-00																			19	12-4	5 700	31	19-7	5 600	38	25-1	5 500									30-00	
32-00																						23	15-7	5 000	33	22-2	4 950									32-00	
34-00																						12	9-1	4 600	26	18-7	4 500										34-00
36-00																																					36-00
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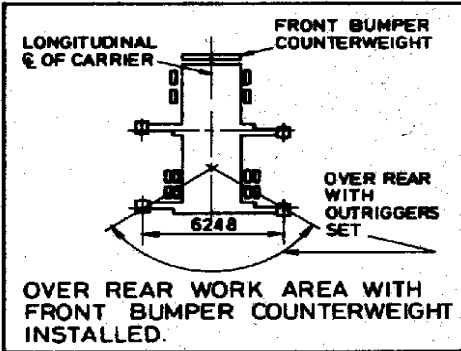
WARNING

WHEN BOOM IS EQUIPPED WITH JIB MAIN HOOK RATINGS MUST BE REDUCED TO COMPENSATE FOR JIB ATTACHMENT WEIGHT.

JIB LENGTH METRES	6-1	9-1	12-2	15-2	18-3
DEDUCT KILOGRAMS	700	800	950	1150	1400

LOAD RATINGS CONTINUED

OPER. RAD. METRE	ANGLE	39.6m BOOM		42.7m BOOM		45.7m BOOM		48.8m BOOM		51.8m BOOM		54.9m BOOM		OPER. RAD. METRE
		BOOM PT. EL.	RATINGS KGS.	BOOM PT. EL.	RATINGS KGS.	BOOM PT. EL.	RATINGS KGS.	BOOM PT. EL.	RATINGS KGS.	BOOM PT. EL.	RATINGS KGS.	BOOM PT. EL.	RATINGS KGS.	
8-00	80	41-5	30 300											8-00
9-00	79	41-3	27 900	80	44-5	24 200								9-00
10-00	78	41-1	25 800	78	44-3	22 100	79	47-4	20 000	80	50-5	18 240		10-00
12-00	75	40-6	21 000	76	43-8	20 600	77	46-9	18 600	78	50-1	17 000		12-00
14-00	72	40-0	16 800	73	43-3	16 700	74	46-4	16 600	75	49-6	15 800		14-00
16-00	68	39-3	13 800	70	42-6	13 800	71	45-8	13 600	73	49-0	13 600		16-00
18-00	65	38-4	11 600	67	41-8	11 600	69	45-0	11 500	70	48-3	11 400		18-00
20-00	62	37-4	9 900	64	40-9	9 900	66	44-2	9 800	68	47-6	9 700		20-00
22-00	59	36-2	8 600	61	39-8	8 600	63	43-2	8 500	65	46-7	8 400		22-00
24-00	55	34-9	7 600	58	38-6	7 500	60	42-1	7 400	62	45-7	7 300		24-00
26-00	52	33-4	6 700	55	37-3	6 700	57	40-9	6 500	60	44-6	6 400		26-00
28-00	48	31-7	6 000	51	35-8	5 900	54	39-6	5 800	57	43-3	5 700		28-00
30-00	44	29-7	5 300	48	34-0	5 300	51	38-0	5 100	54	41-9	5 000		30-00
32-00	39	27-4	4 800	44	32-1	4 800	48	36-3	4 600	51	40-4	4 500		32-00
34-00	34	24-7	4 300	40	29-8	4 300	44	34-4	4 100	48	38-7	4 000		34-00
36-00	29	21-4	3 900	36	27-2	3 900	41	32-2	3 700	45	36-7	3 600		36-00
38-00	22	17-1	3 600	31	24-1	3 500	37	29-8	3 400	41	34-6	3 200		38-00
40-00	11	10-2	3 300	25	20-2	3 200	32	26-7	3 000	38	32-1	2 900		40-00
42-00				17	14-9	2 900	27	23-1	2 800	33	29-2	2 600		42-00
44-00							21	18-5	2 500	29	25-9	2 400		44-00
46-00							11	11-3	2 300	23	21-7	2 100		46-00



NOTE:
 RATINGS DO NOT EXCEED 75% OF TIPPING LOAD AS DETERMINED BY S.A. CRANE CODE AS 1418
 RATINGS ARE BASED ON COUNTERWEIGHT OF 10 886 KILOGRAMS AND FRONT BUMPER COUNTERWEIGHT OF 6350 KILOGRAMS. USE THIS RATING CHART IN CONJUNCTION WITH MAIN RATING CHART 2332J021 NOTES AND WARNINGS FOR 2332J021 ALSO APPLY TO THIS CHART.