

Main Boom Lifting Capacities with Outriggers

Operating radius in meters	With outriggers 7.2m extended—360° working area					With outriggers in 5.4m position—over the side					With outriggers in 4.0m position—over the side					With outriggers in 2.57m position over the side		
	Boom length in meters					Boom length in meters					Boom length in meters					Boom length in meters		
	10.2	17.4	24.6	31.8	39.0	10.2	17.4	24.6	31.8	39.0	10.2	17.4	24.6	31.8	39.0	10.2	17.4	24.6
3.0	45.00	28.00	20.00			45.00	28.00	20.00			40.00	28.00	20.00			15.00	12.00	11.00
3.5	40.80	28.00	20.00	13.00		40.80	28.00	20.00	13.00		33.20	28.00	20.00	13.00		15.00	12.00	11.00
3.75	38.90	28.00	20.00	13.00		38.90	28.00	20.00	13.00		30.00	28.00	20.00	13.00		15.00	12.00	11.00
4.0	37.00	28.00	20.00	13.00		37.00	28.00	20.00	13.00		27.00	25.30	20.00	13.00		13.60	12.00	11.00
4.5	33.50	28.00	20.00	13.00	7.50	33.50	28.00	20.00	13.00	7.50	21.60	21.15	20.00	13.00	7.50	11.00	10.50	9.80
5.0	30.20	28.00	20.00	13.00	7.50	28.20	24.90	20.00	13.00	7.50	17.80	17.30	16.70	13.00	7.50	9.10	8.70	8.65
5.5	27.50	25.70	20.00	13.00	7.50	24.20	22.50	20.00	13.00	7.50	15.00	14.40	14.10	13.00	7.50	7.65	7.30	7.20
6.0	25.00	23.60	20.00	13.00	7.50	20.80	20.50	18.25	13.00	7.50	12.80	12.20	12.05	13.00	7.50	6.45	6.20	6.10
6.5	22.70	21.80	18.50	13.00	7.50	18.00	17.40	16.65	13.00	7.50	11.10	10.60	10.35	11.50	7.50	5.50	5.25	5.15
7.0	20.70	20.20	17.10	13.00	7.50	15.40	15.00	15.00	13.00	7.50	9.65	9.30	9.00	10.20	7.50	4.70	4.50	4.40
7.2	11.50	19.60	16.60	13.00	7.50	11.50	14.25	14.20	13.00	7.50	9.15	8.80	8.50	9.70	7.50	4.40	4.20	4.10
7.5		18.70	16.00	13.00	7.50		13.30	13.10	13.00	7.50		8.10	7.85	9.00	7.50		3.85	3.75
8.0		17.40	15.00	12.35	7.50		11.70	11.50	12.00	7.50		7.15	6.90	8.00	7.50		3.30	3.20
8.5		16.20	14.10	11.70	7.50		10.40	10.20	11.00	7.50		6.30	6.10	7.10	7.05		2.80	2.65
9.0		15.00	13.30	11.15	7.50		9.30	9.10	10.00	7.50		5.60	5.40	6.40	6.60		2.35	2.20
9.5		13.80	12.60	10.60	7.50		8.40	8.15	9.10	7.50		5.00	4.80	5.75	6.20		1.90	1.75
10.0		12.45	12.00	10.10	7.50		7.55	7.30	8.30	7.50		4.45	4.25	5.20	5.70		1.50	1.40
11.0		10.30	10.15	9.20	7.00		6.20	6.00	6.90	6.75		3.50	3.25	4.25	4.75		0.85	0.70
12.0		8.65	8.50	8.40	6.50		5.15	4.90	5.80	6.05		2.70	2.45	3.45	4.00			
13.0		7.35	7.20	7.70	6.05		4.25	4.00	4.90	5.40		2.00	1.80	2.80	3.35			
14.0		6.30	6.15	7.00	5.65		3.45	3.25	4.20	4.75		1.40	1.25	2.20	2.80			
14.4		4.00	5.75	6.60	5.50		3.20	3.00	3.95	4.50		1.20	1.05	2.00	2.60			
15.0			5.30	6.10	5.25			2.60	3.60	4.15			0.75	1.70	2.30			
16.0			4.55	5.40	4.90			2.05	3.05	3.60				1.25	1.85			
17.0			3.95	4.75	4.55			1.60	2.55	3.15				0.90	1.50			
18.0			3.40	4.20	4.20			1.15	2.10	2.75				0.60	1.15			
19.0			2.90	3.70	3.90			0.80	1.70	2.40					0.85			
20.0			2.40	3.30	3.60				1.35	2.05					0.60			
21.0			2.00	2.90	3.30				1.05	1.75								
21.6			1.80	2.65	3.15				0.90	1.55								
22.0				2.50	3.00				0.80	1.45								
23.0				2.20	2.70				0.55	1.20								
24.0				1.90	2.40					0.95								
25.0				1.60	2.15					0.75								
26.0				1.35	1.90					0.55								
27.0				1.10	1.65													
28.0				0.90	1.45													
28.8				0.80	1.30													
29.0					1.25													
30.0					1.05													
31.0					0.90													
32.0					0.75													
33.0					0.60													
Min. angle	0°	0°	0°	0°	0°	0°	0°	28°	36°	43°	0°	0°	45°	50°	55°	0°	39°	57°

*H-tyhpe only

Main Boom Lifting Capacities without Outriggers

Operating radius in meters	Stationary						Pick & Carry (under 2km/h)					
	360° working area			Over the front			360° working area			Over the front		
	Boom length in meters			Boom length in meters			Boom length in meters			Boom length in meters		
	10.2	17.4	24.6	10.2	17.4	24.6	10.2	17.4	24.6	10.2	17.4	24.6
3.0	12.50	10.00	5.50	20.00	15.00	10.50	8.00	6.50	4.50	14.50	10.50	8.00
3.5	9.10	8.00	5.50	20.00	15.00	10.50	8.00	6.50	4.50	14.50	10.50	8.00
3.75	8.05	7.20	5.50	20.00	15.00	10.50	8.00	6.50	4.50	14.50	10.50	8.00
4.0	7.20	6.50	5.50	20.00	15.00	10.50	7.20	6.50	4.50	14.50	10.50	8.00
4.5	5.70	5.25	5.50	17.40	15.00	10.50	5.70	5.25	4.50	12.50	10.50	8.00
5.0	4.50	4.20	4.20	15.10	15.00	10.50	4.50	4.20	4.20	11.00	10.50	8.00
5.5	3.60	3.25	3.25	13.66	13.70	10.50	3.60	3.25	3.25	9.90	10.50	8.00
6.0	2.80	2.55	2.45	12.20	12.40	10.50	2.80	2.55	2.45	8.95	9.50	8.00
6.5	2.20	1.95	1.85	11.20	11.30	9.50	2.20	1.95	1.85	8.25	8.60	8.00
7.0	1.70	1.45	1.35	10.30	10.20	8.70	1.70	1.45	1.35	7.60	7.80	7.25
7.2	1.50	1.25	1.15	10.00	9.75	8.35	1.50	1.25	1.15	7.35	7.45	7.00
7.5		1.05	0.95		9.10	7.90		1.05	0.95		7.00	6.65
8.0		0.70	0.65		8.10	7.20		0.70	0.65		6.35	6.05
8.5					7.20	6.55					5.80	5.50
9.0					6.40	5.90					5.25	5.00
9.5					5.75	5.40					4.75	4.55
10.0					5.20	4.80					4.30	4.10
11.0					4.30	3.90					3.60	3.30
12.0					3.60	3.20					3.00	2.75
13.0					3.00	2.65					2.40	2.25
14.0					2.40	2.15					1.90	1.80
14.4					2.20	1.95					1.70	1.65
15.0						1.70						1.40
16.0						1.30						1.05
17.0						0.90						0.75
Min. angle	0°	54°	65°	0°	0°	37°	0°	54°	65°	0°	0°	37°

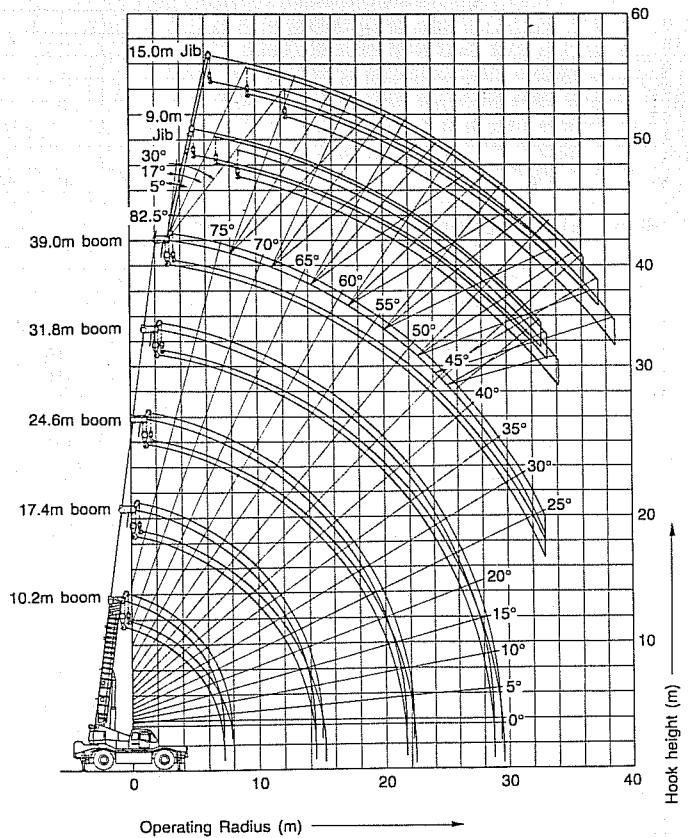
Standard Jib Lifting Capacities with Outriggers

With outriggers in 7.2m position—360° working area						
Main boom angle	9.0 m jib			15.0 m jib		
	Offset angle			Offset angle		
	5°	17°	30°	5°	17°	30°
82	3.50	2.80	2.20	2.40	1.60	1.10
80	3.50	2.80	2.20	2.40	1.60	1.10
78	3.50	2.80	2.20	2.40	1.60	1.10
77	3.50	2.80	2.20	2.32	1.60	1.10
76	3.50	2.80	2.20	2.23	1.60	1.10
75	3.50	2.80	2.20	2.15	1.60	1.10
74	3.32	2.68	2.11	2.06	1.53	1.08
72	3.00	2.45	1.96	1.91	1.41	1.04
70	2.75	2.24	1.82	1.76	1.32	1.00
68	2.52	2.05	1.71	1.63	1.25	0.96
66	2.30	1.91	1.62	1.51	1.18	0.92
64	2.12	1.80	1.53	1.41	1.13	0.89
62	1.96	1.69	1.46	1.33	1.08	0.86
60	1.85	1.60	1.39	1.25	1.04	0.84
58	1.74	1.50	1.32	1.19	0.99	0.81
57	1.70	1.45	1.29	1.16	0.97	0.79
56	1.62	1.41	1.26	1.14	0.95	0.78
55	1.49	1.37	1.23	1.11	0.93	0.76
54	1.35	1.27	1.20	1.06	0.90	0.75
53	1.22	1.14	1.07	0.95	0.88	0.74
52	1.10	1.03	0.96	0.84	0.79	0.71
51	0.99	0.92	0.86	0.74	0.70	0.63
50	0.88	0.81	0.77	0.66	0.61	0.55
48	0.67	0.63	0.60	0.48	0.44	0.41
47	0.58	0.53	0.52	0.41	0.38	0.35
46	0.50	0.45	0.43	0.35		
45	0.42	0.37	0.35			
44	0.34					
Min. angle	44°	45°	45°	46°	47°	47°

With outriggers in 5.4m position—over the side						
Main boom angle	9.0 m jib			15.0 m jib		
	Offset angle			Offset angle		
	5°	17°	30°	5°	17°	30°
82	3.50	2.80	2.20	2.40	1.60	1.10
80	3.50	2.80	2.20	2.40	1.60	1.10
78	3.50	2.80	2.20	2.40	1.60	1.10
77	3.50	2.80	2.20	2.32	1.60	1.10
76	3.50	2.80	2.20	2.23	1.60	1.10
75	3.50	2.80	2.20	2.15	1.60	1.10
74	3.32	2.68	2.11	2.06	1.53	1.08
72	3.00	2.45	1.96	1.91	1.41	1.04
70	2.75	2.24	1.82	1.76	1.32	1.00
68	2.52	2.05	1.71	1.63	1.25	0.96
67	2.26	1.98	1.66	1.57	1.22	0.94
66	2.03	1.80	1.62	1.51	1.18	0.92
65	1.80	1.64	1.58	1.46	1.16	0.90
64	1.60	1.48	1.40	1.31	1.13	0.89
63	1.41	1.31	1.23	1.13	0.97	0.88
62	1.24	1.15	1.07	0.98	0.83	0.74
60	0.91	0.85	0.77	0.72	0.58	0.52
58	0.64	0.57	0.50	0.47	0.38	0.33
57	0.50	0.44	0.39	0.36		
56	0.40	0.31				
Min. angle	56°	56°	57°	57°	58°	58°

With outriggers in 4.0m position—over the side						
Main boom angle	9.0 m jib			15.0 m jib		
	Offset angle			Offset angle		
	5°	17°	30°	5°	17°	30°
82	3.50	2.80	2.20	2.40	1.60	1.10
80	3.50	2.80	2.20	2.40	1.60	1.10
78	3.50	2.80	2.20	2.40	1.60	1.10
77	3.50	2.80	2.20	2.32	1.60	1.10
76	3.50	2.80	2.20	2.23	1.60	1.10
75	3.50	2.80	2.20	2.15	1.60	1.10
74	2.84	2.40	2.11	2.06	1.53	1.08
73	2.40	2.09	1.80	1.98	1.46	1.06
72	2.02	1.80	1.53	1.76	1.41	1.04
71	1.76	1.53	1.29	1.46	1.15	1.02
70	1.42	1.28	1.08	1.20	0.96	0.88
69	1.17	1.04	0.89	0.96	0.79	0.73
68	0.94	0.82	0.73	0.75	0.62	0.58
67	0.74	0.62	0.56	0.57	0.46	0.43
66	0.56	0.44	0.41	0.40	0.32	0.30
65	0.40					
Min. angle	65°	66°	66°	66°	66°	66°

Working Ranges



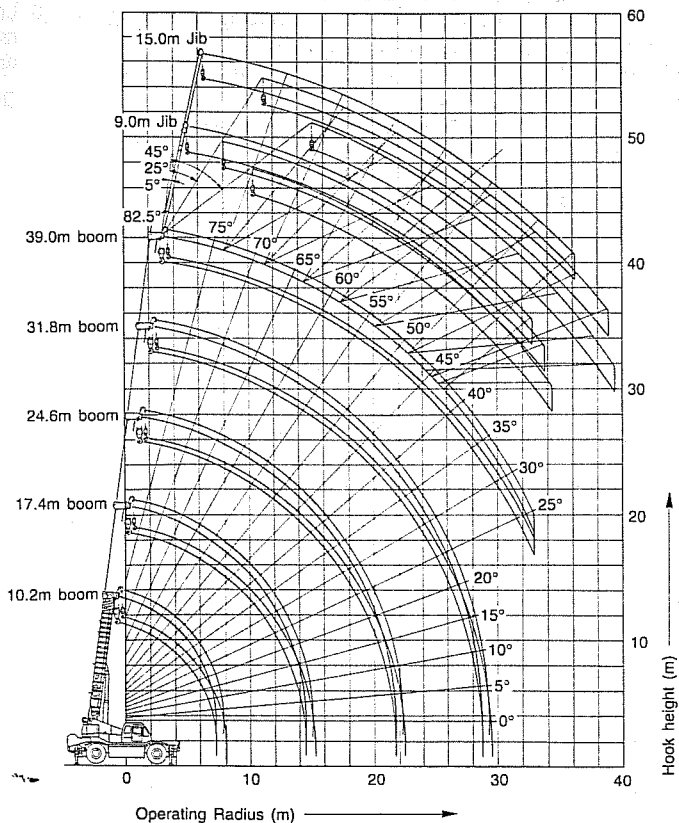
Ratings inside the bold lines are governed by the strength of the boom or other structural components.

Optional Sky Tilt jib Lifting Capacities with Outriggers

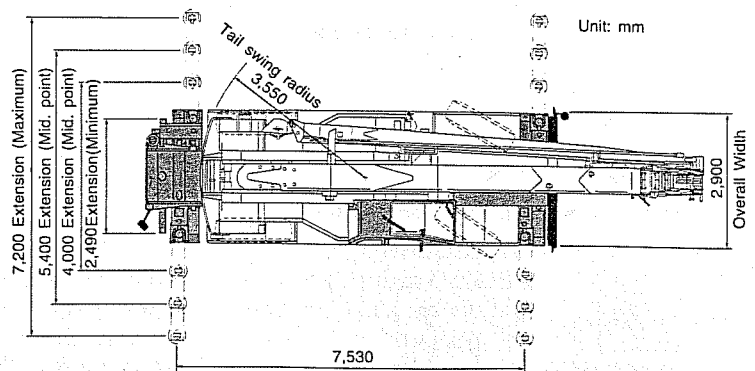
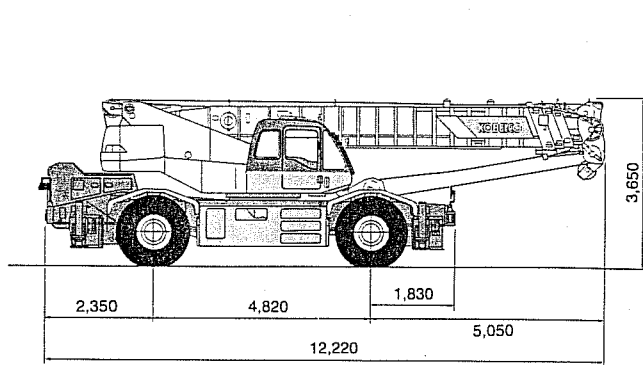
	With outriggers in 7.2m position—360° working area					
	9.0 m jib			15.0 m jib		
Main boom angle	Offset angle			Offset angle		
	5°	25°	45°	5°	25°	45°
82	3.50	2.40	1.60	2.40	1.25	0.80
80	3.50	2.40	1.60	2.40	1.25	0.80
78	3.50	2.40	1.60	2.40	1.25	0.80
77	3.50	2.40	1.60	2.32	1.25	0.80
76	3.50	2.40	1.60	2.23	1.22	0.80
75	3.50	2.31	1.60	2.15	1.20	0.80
74	3.32	2.23	1.58	2.06	1.18	0.79
72	3.00	2.08	1.54	1.91	1.14	0.79
70	2.75	1.95	1.50	1.76	1.10	0.78
68	2.52	1.84	1.45	1.63	1.06	0.77
66	2.30	1.72	1.39	1.51	1.02	0.76
64	2.12	1.60	1.35	1.41	0.99	0.75
62	1.96	1.52	1.31	1.33	0.95	0.74
60	1.85	1.45	1.26	1.25	0.92	0.73
58	1.74	1.37	1.22	1.19	0.88	0.72
57	1.70	1.34	1.20	1.16	0.86	0.72
56	1.62	1.30	1.17	1.14	0.84	0.71
55	1.49	1.27	1.14	1.11	0.82	0.71
54	1.35	1.21	1.12	1.06	0.80	0.70
53	1.22	1.10	1.02	0.95	0.78	0.70
52	1.10	1.00	0.94	0.84	0.72	0.69
51	0.99	0.90	0.85	0.74	0.64	0.62
50	0.88	0.80	0.76	0.66	0.57	0.54
48	0.67	0.62	0.59	0.48	0.43	0.40
47	0.58	0.52	0.50	0.41	0.37	0.34
46	0.50	0.44	0.42	0.35	0.32	
45	0.42	0.36	0.34			
44	0.34					
Min. angle	44°	45°	45°	46°	46°	47°

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Working Ranges

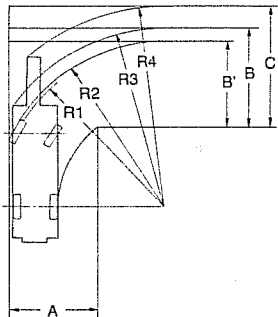


Ratings inside the bold lines are governed by the strength of the boom or other structural components.



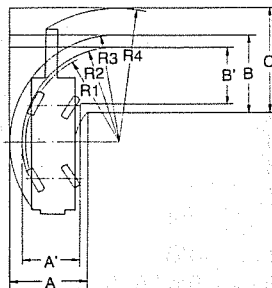
Turning Radius

2-Drive Steering (Front)



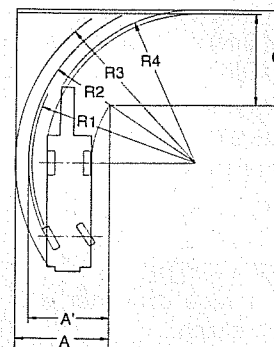
R1	Minimum turning radius	10.60m
R2	Tire clearance with curb	10.89m
R3	Carrier clearance	11.70m
R4	Boom clearance	13.22m
A	Entrance width	5.62m
B	Exit width (carrier)	6.43m
B'	Exit width (tires)	5.62m
C	Exit width (boom)	7.95m

4-Drive Steering



R1	Minimum turning radius	5.94m
R2	Tire clearance with curb	6.25m
R3	Carrier clearance	7.07m
R4	Boom clearance	8.86m
A	Entrance width (carrier)	5.07m
A'	Entrance width (tires)	3.73m
B	Exit width (carrier)	5.07m
B'	Exit width (tires)	3.73m
C	Exit width (boom)	6.90m

2-Drive Steering (Rear)



R1	Minimum turning radius	10.60m
R2	Tire clearance with curb	10.89m
R3	Carrier clearance	11.75m
R4	Boom clearance	10.15m
A	Entrance width (carrier)	6.11m
A'	Entrance width (tire)	5.25m
B	Exit width	6.11m
C	Exit width (boom)	6.32m

Note: Due to our policy of continual product improvement, all designs and specifications are subject to change without advance notice.



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