TOWER CRANE JIB LIFTING CAPACITIES — 4000W

163′ TO 213′ NO. 22 TOWER WITH
150′ NO. 23 BOOM AND
NO. 124 JIB EXTENSION — 18′ JIB STRUT
24′ CRAWLERS — EXTENDED

CAUTION OUTSIDE ASSIST REQUIRED

0 DEGREE JIB OFFSET ANGLE

Chart supplements Tower Capacity Chart No. 5277-A or No. 5277-B. Capacities for various tower lengths, jib lengths and operating radii are for freely suspended loads and do not exceed **75%** of a static tipping load. Capacities based on structural competence are denoted by shaded areas.

Machine to operate on a firm surface with crawlers fully extended and roller path level within a tolerance of ¼" in 10′ and properly supported. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Tower Rigging No. 50602, Jib Assembly No. 43348, Chart No. 6662-A for recommended procedure for operating under various wind conditions and Chart No. 6485 for tower and boom raising procedure.

Operating radius is the horizontal distance from the axis of rotation to the center of vertical hoist line or load block. Boom angle is the angle between horizontal and centerline of the boom butt and inserts and is an indication of operating radius. In all cases, operating radius shall govern capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of the jib load. Boom and jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved. Maximum capacity on 1" — 6 x 25 IPS, IWRC is 20,000 lbs.

All machines with towers over 163 ft. require outside assist in raising tower and boom. Jib to be attached with tower in vertical position and with boom in a position which will allow jib to be attached.

30 FOOT JIB

Jib Point Radius Feet	Boom Angle Degree	Capacity
60	72.5	20,000
65	70.9	20,000
70	70.5	20,000
75	67.5	20,000
80	65.7	20,000
85	64.0	20,000
90	62.2	20,000
95	60.4	20,000
100	58.5	19,400
105	58.7	18,900
110	54.7	18,300
115	52.7	17,800
120	50.7	17,400
125	48.6	16,900
130	46.5	16,300
135	44.2	15,400
140	41.9	14,600
145	39.4	13,800
150	36.9	13,100
155	34.1	12,400
160	31.1	11,800
165	27.9	11,200
170	24.2	10,600
175	19.9	10,100
180	14.4	9,600

40 FOOT JIB

Jib Point Radius Feet	Boom Angle Degree	Capacity
60	73.6	14,000
65	72.1	14,000
70	70.5	14,000
75	68.9	14,000
80	67.2	14,000
85	55.6	14,000
90	63.9	14,000
95	62.2	14,000
100	60.5	14,000
105	58.8	14,000
110	57.0	14,000
115	55.2	14,000
120	53.3	14,000
125	51.4	14,000
130	49.4	14,000
135	47.4	13,900
140	45.3	13,500
145	43.1	13,200
150	40.9	13,000
155	38.5	12,600
160	36.0	12,000
165	33.3	11,400
170	30.4	10,800
175	27.3	10,300
180	23.7	9,800
185	19.5	9,300
190	14.2	8,900

50 FOOT JIB

Jib Point Radius Feet	Boom Angle Degree	Capacity
65	72.9	10,000
70	71.4	10,000
75	69.9	10,000
80	68.3	10,000
85	66.8	10,000
90	65.2	10,000
95	63.6	10,000
100	62.0	10,000
105	60.4	10,000
110	58.7	10,000
115	57.0	10,000
120	55.3	10,000
125	53.6	10,000
130	51.7	10,000
135	49.9	10,000
140	48.0	10,000
145	46.0	10,000
150	44.0	10,000
155	41.9	10,000
160	39.7	10,000
165	37.4	10,000
170	34.9	10,000
175	32.3	10,000
180	29.5	9,900
185	26.5	9,500
190	23.0	9,000
195	18.9	8,600
200	13.7	7,500

60 FOOT JIB

Jib Point Radius Feet	Boom Angle Degree	Capacity
65	73.3	5,000
70	71.9	5,000
75	70.5	5,000
80	69.0	5,000
85	67.6	5,000
90	66.1	5,000
95	64.6	5,000
100	63.1	5,000
105	61.5	5,000
110	60.0	5,000
115	58.4	5,000
120	56.8	5,000
125	55.2	5,000
130	53.5	5,000
135	51.8	5,000
140	50.0	5,000
145	48.2	5,000
150	46.4	5,000
155	44.5	5,000
160	42.5	5,000
165	40.4	5,000
170	38.3	5,000
175	36.1	5,000
180	33.7	5,000
185	31.2	5,000
190	28.4	5,000
195	25.4	5,000
200	22.0	5,000
205	18.1	5,000
210	13.0	5,000