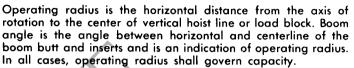
## TOWER CRANE JIB LIFTING CAPACITIES

## 164' NO. 9A TOWER WITH 150' NO. 18 BOOM AND ASSIST REQUIRED NO. 124 JIB WITH 12'6" STRUT RATING OVER SIDE OR REAR ON EXTENDED OUTRIGGERS

Chart supplements tower Capacity Chart No. 6769-A. Capacities for various 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 shown by shaded areas.

Machine to operate on a firm surface with outriggers fully extended and roller path level within a tolerance of  $\overline{3/8''}$  in 10 ft. and properly supported. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Tower Rigging No. 66015, Jib Assembly No. 43348, Chart No. 6631-A for recommended procedure for operating under various wind conditions and Chart No. 6484 for tower and boom raising procedure.

CAUTION: OUTSIDE



Capacities are shown in pounds. 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 ib 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. Whip line:  $1'' - 6 \times 25$ IPS, IWRC.

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				40 FOOT		JIB		50 FOOT JIB			60 FOOT JIB		
Jib Point Radius Feet	Boom Angle Degree	Capacity		Jib Point Radius Feet	Boom Angle Degree	Capacity		Jib Point Radius Feet	Boom Angle Degree	Cápacity	Jib Point Radius Feet	Boom Angle Degree	Capacity
55	74.0	13,100		60	73.4	11,000		65	72.8	8,000	65	73.4	4,000
60	72.3	12,800		65	71.9	11,000		70	71.3	8,000	70	72.0	4,000
65	70.6	12,600		70	70.3	11,000		75	69.8	8,000	75	70.5	4,000
70	68.9	12,300		75	68.7	11,000		80	68.2	8,000	80	69.1	4,000
75	67.2	12,100		80	67.0	10,800		85 /	66.7	8,000	85	67.6	4,000
80	65.5	12,000		85	65.4	10,600		90	65.1	8,000	90	66.1	4,000
85	63.7	11,600		90	63.7	10,500		95	63.5	8,000	95	64.7	4,000
90	62.0	11,400		95	62.0	10,200		100	61.9	8,000	100	63.1	4,000
95	60.1	10,700		100	60.3	9,500		105	60.3	8,000	105	61.6	4,000
100	58.3	10,500		105	58.6	9,200		110	58.6	8,000	110	60.1	4,000
105	56.4	10,200		110	56.8	8,900		115	56.9	8,000	115	58.5	4,000
110	54.5	9,800		115	55.0	8,700		120	55.2	8,000	120	56.9	4,000
115	52.5	9,500	1	120	53.1	8,400		125	53.4	7,700	125	55.2	4,000
120	50.5	9,100		125	51.2	8,200		130	51.6	7,500	130	53.6	4,000
125	48.4	8,800		130	49.2	8,000	c.	135	49.8	7,300	135	51.8	4,000
130	46.2	8,600	1	135	47.2	7,700		140	47.9	7,200	140	50.1	4,000
135	44.0	8,300		140	45.1	7,400		145	45.9	7,000	145	48.3	4,000
140	41.7	8,000		145	42.9	7,300		150	43.9	6,800	150	46.4	4,000
145	39.2	7,700		150	40.7	7,100		155	41.8	6,600	155	44.5	4,000
150	36.6	7,500	1	155	38.3	6,800		160	39.6	6,400	160	42.6	4,000
155	33.9	7,200	1	160	35.8	6,600		165	37.3	6,200	165	40.5	4,000
160	30.9	7,000		165	33.1	6,400		170	34.8	6,100	170	38.4	4,000
165	27.6	6,500		170	30.2	6,200		175	32.2	5,700	175	36.1	4,000
170	24.0	6,100	1	175	27.1	5,800		180	29.4	5,400	180	33.7	4,000
175	19.7	5,700	l	180	23.5	5,400		185	26.3	5,000	185	31.2	4,000
			-	185	19.3	5,100		190	22.9	4,700	190	28.5	4,000
								195	18.8	4,300	195	25.5	4,000
								L	L		000	00.1	

**0 DEGREE JIB OFFSET ANGLE** 

SERIES-2

TRUCK CRANE

Drwg. No. 6628-A, 4-11-80/GB

22.1

18.1

4,000

4,000

200

205