

NonCritical Lift Capacities — Standard Deductions (75% of Critical Lift Max Capacity)

Capacities in POUNDS = Critical Lift capacity × 75% | Fully Extended Outriggers | Max Counterweight | RED = Jib/Extension deployed | Deductions already applied (cable weight + stowed jib + block + rigging + rooster/ball)

Radius (ft)	23 Ton National 890D (No CW)	30 Ton Manitowoc 30100C (No CW)	40 Ton National NTB40127 (No CW)	50 Ton Manitex TC50128HL (Over Rear)	50 Ton Manitex TC50128HL (Full 360°)	60 Ton National NBT60XL (16,000 lb CW)	80 Ton Grove TMS800E (24,000 lb CW)	110 Ton Grove TMS9000E (48,500 lb CW)	115 Ton Grove TMS9000-2 (48,500 lb CW)	120 Ton Link-Belt 120HTLB (49,100 lb CW)	175 Ton Grove GMK5150XL (98,100 lb CW)	225 Ton Grove GMK5225 (117,800 lb CW)	350 Ton Grove GMK6300L (164,200 lb CW)
20	10,440	16,383	23,250	35,094	35,094	39,136	63,935	77,992	81,337	74,508	109,935	138,296	211,173
25	7,635	12,236	17,745	28,089	28,164	31,959	49,062	63,270	64,215	58,848	92,025	116,636	176,853
30	6,210	9,798	14,340	22,059	23,101	26,641	36,477	51,075	52,050	48,138	75,870	98,981	144,371
35	4,897	7,908	10,965	18,121	16,606	22,066	29,172	42,915	43,320	40,233	63,960	85,571	121,256
40	4,042	6,041	8,797	15,091	12,676	18,204	24,372	35,760	36,285	34,803	54,382	75,116	104,178
45	3,330	4,661	7,185	12,286	9,969	15,361	18,770	30,930	30,667	30,078	46,927	65,621	89,973
50	2,692	3,723	6,022	11,364	8,176	12,999	15,432	26,812	26,707	26,403	41,055	58,166	78,926
55	2,280	2,898	5,122	9,646	6,594	10,906	13,040	23,257	22,995	23,103	37,305	50,778	69,971
60	1,830	2,246	4,305	6,796	5,679	9,219	11,360	20,362	20,107	20,283	33,712	45,528	62,508
65	1,492	1,691	3,630	6,264	4,696	7,884	10,797	17,932	17,820	17,658	30,112	41,118	56,553
70	1,117	1,361	2,955	5,169	3,834	6,759	9,590	15,990	15,652	16,091	27,195	36,618	51,378
75	517	986	2,392	5,086	3,744	5,799	7,602	14,602	13,935	14,291	25,245	32,951	46,878
80	667	656	1,980	4,576	3,136	4,989	6,710	13,320	12,810	12,536	22,875	29,801	43,218
85	292	446	1,567	3,054	2,604	4,329	5,952	11,602	11,640	11,111	20,670	27,303	39,468
90	—	198	1,192	3,376	2,139	3,729	5,217	10,740	10,515	9,986	18,592	25,653	35,741
95	—	176	855	3,024	1,734	3,159	4,490	9,750	9,637	8,861	16,342	23,321	33,536
100	—	48	592	2,431	1,374	2,754	3,935	8,850	8,835	7,961	15,465	19,871	31,008
105	—	—	330	2,154	1,044	2,746	3,657	8,062	7,635	7,136	13,965	18,543	27,108
110	—	—	105	1,906	751	2,559	3,402	7,312	6,982	6,581	12,832	17,793	24,948
115	—	—	0	1,479	481	2,386	3,110	6,637	6,337	6,056	11,655	16,383	22,848
120	—	—	—	1,269	234	2,154	2,735	6,082	5,752	5,456	10,627	15,033	21,948
125	—	—	—	—	—	789	1,854	2,495	5,520	5,156	8,250	13,706	20,898
130	—	—	—	—	—	594	1,576	2,090	5,070	4,706	7,500	12,056	19,248
135	—	—	—	—	—	414	1,336	1,722	4,552	4,256	6,900	10,406	17,748
140	—	—	—	—	—	234	1,111	1,347	4,207	3,806	6,450	10,106	14,643
145	—	—	—	—	—	—	789	1,347	3,960	2,606	6,045	8,756	13,443
150	—	—	—	—	—	—	601	1,130	3,862	2,231	5,745	8,456	12,243
155	—	—	—	—	—	—	429	897	3,607	1,856	5,295	8,156	11,336
160	—	—	—	—	—	—	151	852	2,925	1,556	4,095	7,751	10,886
165	—	—	—	—	—	—	1	410	2,842	1,181	3,945	6,251	10,436
170	—	—	—	—	—	—	—	—	2,542	581	3,645	5,951	9,686
175	—	—	—	—	—	—	—	—	2,257	206	3,345	5,651	8,936
180	—	—	—	—	—	—	—	—	1,987	0	3,037	5,043	8,186
185	—	—	—	—	—	—	—	—	1,672	—	2,737	4,893	7,886
190	—	—	—	—	—	—	—	—	1,447	—	2,587	4,593	7,481
195	—	—	—	—	—	—	—	—	1,222	—	2,287	4,443	5,981
200	—	—	—	—	—	—	—	—	952	—	2,137	4,143	5,381
205	—	—	—	—	—	—	—	—	795	—	1,987	3,243	5,081
210	—	—	—	—	—	—	—	—	607	—	637	3,093	3,581
215	—	—	—	—	—	—	—	—	367	—	—	2,643	2,981
220	—	—	—	—	—	—	—	—	232	—	—	2,193	2,381
225	—	—	—	—	—	—	—	—	—	—	—	1,443	1,931
230	—	—	—	—	—	—	—	—	—	—	—	1,443	1,481
235	—	—	—	—	—	—	—	—	—	—	—	993	1,031
240	—	—	—	—	—	—	—	—	—	—	—	843	731
245	—	—	—	—	—	—	—	—	—	—	—	—	431
250	—	—	—	—	—	—	—	—	—	—	—	—	131

RED = Jib deployed (no stowed jib deduction). All capacities = Critical Lift max × 75% (rounded down to nearest lb).