

BANTAM CRANE CAPACITY CHART

Bantam - Division of Koehring Company - Waverly, Iowa

THE RATED CAPACITIES SHOWN IN THIS CHART PERTAIN TO THE MACHINE DESCRIBED AND ARE GIVEN IN LBS. AND BASED ON A MAXIMUM SIDE LOAD OF 2% OF THE RATED VALUE. ANY SIDE LOAD SIGNIFICANTLY REDUCES THE CRANE LIFTING CAPACITY AND EXTREME CARE MUST BE TAKEN TO INSURE THAT SIDE LOADING DOES NOT EXCEED 2%. THESE CAPACITIES ARE IN ACCORDANCE WITH STANDARDS OF THE POWER CRANE AND SHOVEL ASSOCIATION AND ANSI B30.5 SAFETY CODE. THE FIGURES ARE IN ACCORDANCE WITH THE SAE CRANE LOAD STABILITY TEST CODE SAE J-765 AND U.S. DEPARTMENT OF COMMERCE COMMERCIAL STANDARDS. ALL RATED LOADS ARE BASED ON THE MACHINE BEING LEVELED ON A FIRM AND UNIFORM SUPPORTING SURFACE. THE RATED LOADS INCLUDE THE WEIGHTS OF HOOK BLOCK, SLINGS, AND ANY AUXILIARY LIFTING DEVICES.

JIB SPECIFICATIONS					TO DETERMINE LIFTING CAPACITY WHEN USING JIB, SET JIB AT DESIRED RADIUS, SUBTRACT WEIGHT OF JIB FROM RATED LOAD FOR THE BOOM AT THE SAME RADIUS. IF THIS FIGURE DOES NOT EXCEED THE JIB CAPACITY, IT IS A SAFE LOAD. DO NOT EXCEED THE JIB CAPACITY UNDER ANY CIRCUMSTANCES.
MAXIMUM BOOM FT.	JIB LENGTH FT.	DEDUCT FROM CHART CAPACITY LBS.	JIB CAPACITY LBS.	MAX. OFFSET	
70	10	450	5,000	30°	
70	15	530	4,500	30°	
70	20	630	4,000	30°	
60	30	820	4,000	30°	

OVER END WITH OUTRIGGERS ① ③

Radius in feet	25' Boom	30' Boom	35' Boom	40' Boom	45' Boom	50' Boom	55' Boom	60' Boom	65' Boom	70' Boom
10	36000*									
12	34000*	33000*								
15	29950*	29000*	28000*	26500*						
20	19700*	19500*	19300*	19100*	18500*	17800*	17000*	16500*	16000*	
25	14500*	14300*	14200*	14100*	13950*	13800*	13600*	13100*	12300*	11550*
30		11100	11000	10900	10850	10800	10750	10500	10300	10100
35			8750	8700	8650	8600	8550	8500	8450	8400
40				7150	7100	7100	7050	7050	7000	7000
45					6100	6050	6000	5950	5900	5850
50						5300	5250	5200	5150	5100
55							4600	4550	4500	4450
60								3900	3850	3800
65									3450	3400

OVER SIDE WITH OUTRIGGERS ①③

Radius in feet	25' Boom	30' Boom	35' Boom	40' Boom	45' Boom	50' Boom	55' Boom	60' Boom	65' Boom	70' Boom
10	36000*									
12	34000*	33000*								
15	26950*	26800*	26650*	26500*						
20	18200*	18150*	18100*	18000*	17300*	16650*	16000*	15600*	15200*	
25	13500*	13200*	13150*	13000*	12750*	12450*	12200*	12000*	11750*	11550*
30		10200.	10100.	10000.	9900.	9700.	9500.	9350.	9200.	9050.
35			7800	7750	7700	7650	7600	7500	7400	7300
40				6500	6400	6300	6200	6100	6000	5900
45					5400	5350	5300	5200	5100	5000
50						4600	4500	4400	4300	4200
55							3800	3700	3600	3500
60								3300	3150	3000
65									2700	2550

OVER END WITHOUT OUTRIGGERS (3) (4)

Radius in feet	25' Boom	30' Boom	35' Boom	40' Boom	45' Boom	50' Boom	55' Boom	60' Boom	65' Boom	70' Boom
10	13,760									
12	11,180	11,080								
15	8,670	8,560	8,480	8,420	8,330					
20	6,240	6,140	6,060	6,000	5,900	5,770	5,640	5,530	5,440	5,400
25	4,830	4,720	4,640	4,580	4,490	4,370	4,230	4,160	4,060	4,010
30		3,680	3,610	3,540	3,450	3,380	3,290	3,230	3,140	3,110
35			2,960	2,900	2,810	2,740	2,650	2,590	2,510	2,470
40				2,410	2,320	2,270	2,180	2,130	2,030	2,000
45					1,950	1,900	1,810	1,760	1,670	1,620
50						1,620	1,520	1,460	1,370	1,340
55							1,280	1,220	1,130	1,110
60								1,030	950	910
65									790	760

OVER SIDE WITHOUT OUTRIGGERS ③④

Radius in feet	25' Boom	30' Boom	35' Boom	40' Boom	45' Boom	50' Boom	55' Boom	60' Boom	65' Boom	70* Boom
10	15,210									
12	11,790	11,680								
15	8,750	8,650	8,570	8,400	8,310					
20	5,950	5,850	5,770	5,710	5,610	5,560	5,460	5,400	5,320	5,300
25	4,490	4,380	4,300	4,240	4,150	4,100	4,000	3,940	3,850	3,820
30		3,450	3,370	3,310	3,220	3,170	3,080	3,020	2,930	2,900
35			2,740	2,680	2,580	2,530	2,440	2,380	2,300	2,260
40				2,210	2,110	2,060	1,970	1,910	1,830	1,790
45					1,760	1,710	1,620	1,560	1,470	1,440
50						1,430	1,340	1,280	1,190	1,160
55							1,110	1,050	960	930
60								820	730	700
65									610	590

ES: ① ALL OUTRIGGERS MUST BE FULLY EXTENDED WITH THE TANDEM TIRES RAISED OFF THE GROUND®.