

BANTAM CRANE CAPACITY CHART

Bontam - 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.

	IN ISO	JIB SPECIFICATION	5	
MAXIMUM BOOM FT.	JIB LENGTH	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°

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.



OVER END WITH OUTRIGGERS 03





Radius in feet	25' Boom	30' Boom	35' Boom	40' Boom	45' Boom	50' Boom	55' Boom	60°	65°	70' Boom
10	36000*	DOM:	THE REAL PROPERTY.							No.
12	34000*	33000*			1000					
15	29950°	29000*	28000*	26500*						many de
20	19700*	19500*	19300#	19100#	18500*	17800*	17000*	16500*	16000*	
25	14500*	14300*	14200#	14100#	13950*	13800*	13600*	13100*	12300#	11550*
		11100	11000	10900	10850	10800	10750	10500	10300	8400
35			8750	8700	8650	8600	8550	8500	8450	8400
30 35 40				7150	7100	7100	7050	7050	7000	7000
45				TO GIVE	6100	6050	6000	5950	5900	5850
50		A DECEMBER			THE PARTY	5300	5250	5200	5150	5100
55			TO THE SAME				4600	4550	4500	\$100 4450 3800
50			THE REAL PROPERTY.		Policina	THE POST		3900	3850	3800
5			THE REAL PROPERTY.	The plant	DESIGNATION OF	The same	William I	Total Park	3450	340



OVER SIDE WITH OUTRIGGERS 03



Radius in feet	25' Boom	30' Boom	35° Boom	40' Boom	45' 800m	50 Boom	55' Boom	60°	65° Boom	70' Boom
10	36000*			77777						
12	34000*	33000*	Partie and the last	DO THE						1000
15	26950*	26800*	26650*	26500*	THE REAL PROPERTY.		-	THE REAL PROPERTY.		1
20	18200+	18150*	18100*	18000*	17300*	16650*	16000*	15600*	15200*	-
25	13500*	13200*	13150*	13000*	12750*	12450+	12200*	12000*	117504	11550*
30		10200.	10100.0	10000	9900	9700-	9500	9350.	9200	9050
35			7800	7750	7700	7650	7600	7500	7400	7300
35 40				6500	6400	6300	6200	6100	6000	9050 7300 5900
45					5400	5350	5300	5200	5100	5000
50						4600	4500	4400	4300	4200
55		The state of the s	the second	1			3800	3700	3600	3500
60						THE REAL PROPERTY.		3300	3150	3000
65				12000			1000	DAME	2700	2550



OVER END WITHOUT OUTRIGGERS 33



Red-us	. 25 800m	30" Boom	35 Boom	40' Boom	45' Boom	50' Boom	55' Boom	60°	65' Boom	70 Boom
10	13,780									
12	11,180	11,080						William.	and the	
15	8,670	8,560	8,460	8,420	8,330					
20	6,240	6,140	6,060	6,000 4,580 3,540	5,900	5,770	5,640	5,530	5,440	5,400
25	4,830	4,720	4,640	4,500		4,370	4,230	4,160	4,060	4,010
30		3,680	3,610		3,450	3,380	3,290	3,230	3.140	3,110
35 40			2,960	2,900	2,810	2,740	2,650	2,590	2,510	2,470
40			TV-SEE	2,410	2,320	2,270	2,180	2,130	2,030	2,000
185					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			1,280	1.220	1.130	1,110
50 55 60 65 #								1.030	950	910
65/	1		- Control	100	Figure 1		The same of		790	760



OVER SIDE WITHOUT OUTRIGGERS 34

Redius in feet	25' Boom	30°	35' Boom	40' Boom	45' Boom	50' Boom	55° Boom	60°	65' Boom	70's Boom
10	15,210		150 30			To good			Charles 1	
10	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 30	5,950 4,490	4,380	4,300	3,310	4,150	4,100	4,000 3,080 2,440	3,940	3,850	3,820 2,900 2,260
30		3,450	3,370	3,310	3,220	3,170	13,000	3,020	2,930	2,900
35 40 45			2,740	2,680	2,580	2,530		2,380	2,300	2,260
40				2,210	2,110	2,060	1,970	1,910 1,560 1,280	1,830	1,790
45					1,760	1,710	1,620	1,560		1,790 1,440 1,160
50						1,430	1,340		1,190	
55				Mark State			1,110	1,050	960	930
55 66 65		STATE OF						050	730	700
65	Control of				100-	3 3 3	1 2 3	ALC: CONS	610	590