



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°	



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[illegible]



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[illegible]

OVER END WITHOUT OUTRIGGERS (3)(4)

[illegible]



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®.