

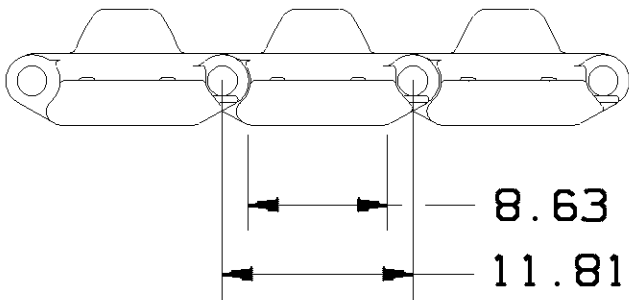
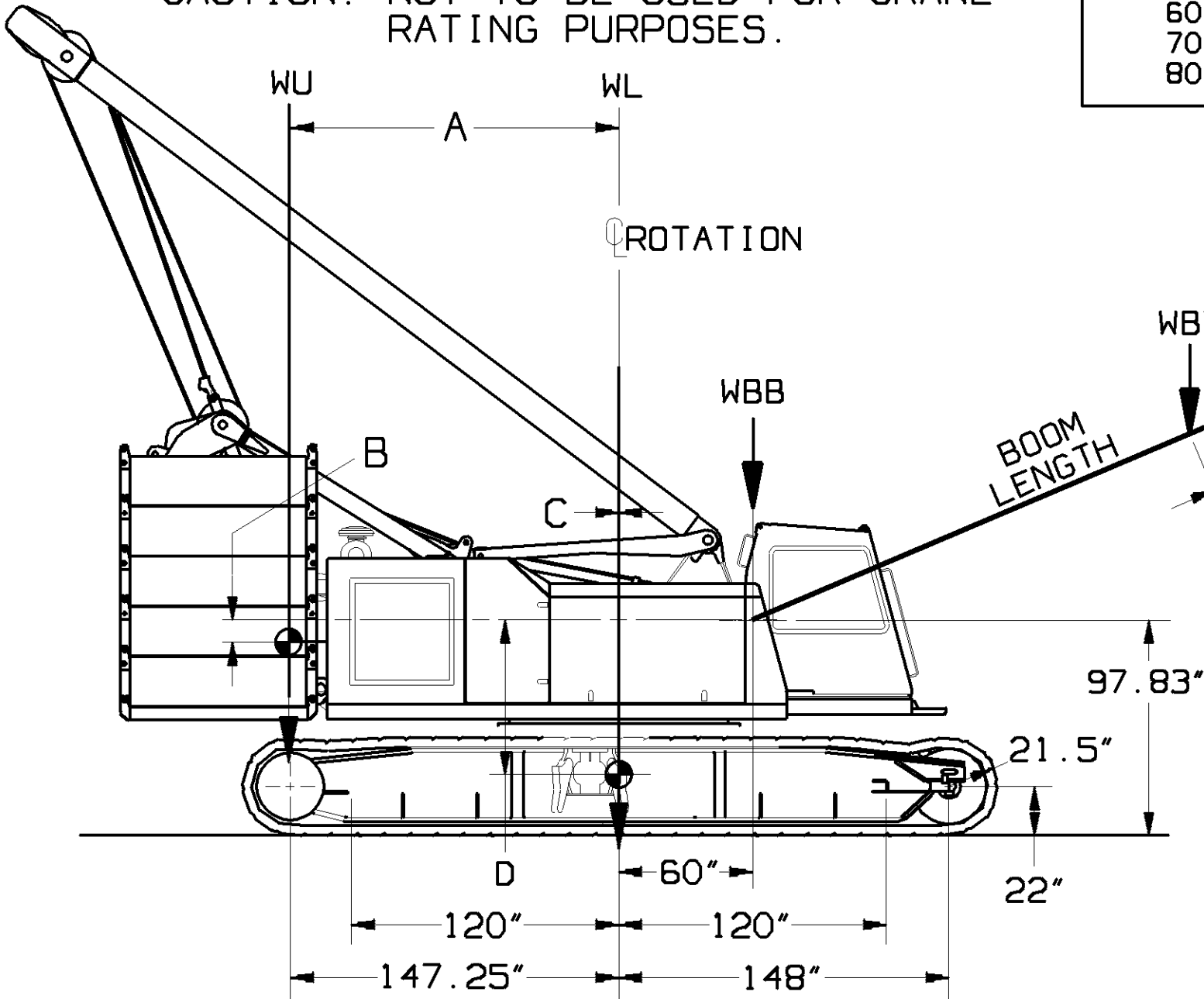
ROTATING UPPERWORKS WEIGHT AND CENTER OF GRAVITY (WU)			
EQUIPPED AS	WEIGHT (lbs)	DIM "A" (in.)	DIM "B" (in.)
999 SERIES 1 (114,600 lb. CTWT)	172,391	133.3	-16.6
999 SERIES 1 (149,600 lb. CTWT)	207,391	141.1	-10.8
999 SERIES 2 (184,600 lb. CTWT)	242,391	146.6	-3.4
999 SERIES 3 (219,600 lb. CTWT)	277,391	150.7	4.9
LOWERWORKS WEIGHT AND CENTER OF GRAVITY (WL)			
EQUIPPED AS	WEIGHT (lbs)	DIM "C" (in.)	DIM "D" (in.)
999 SERIES 1	106,713	0	73.9
999 SERIES 1 - WITH OPTIONAL CARBODY JACKS	109,599	0	73.7
999 SERIES 2	150,713	0	74.6
999 SERIES 2 - WITH OPTIONAL CARBODY JACKS	153,599	0	74.5
999 SERIES 3	186,713	0	71.8
999 SERIES 3 - WITH OPTIONAL CARBODY JACKS	189,599	0	71.7

NOTE 1: BOOM AND JIB WEIGHTS INCLUDE WEIGHT OF MAST, BOOM, JIB, PENDANTS ETC.; BUT DO NOT INCLUDE WEIGHT OF LOAD, LOAD BLOCK, WEIGHT BALL, SLINGS, ETC. ALL ITEMS SUSPENDED FROM BOOM OR JIB MUST BE CONSIDERED PART OF THE LOAD.

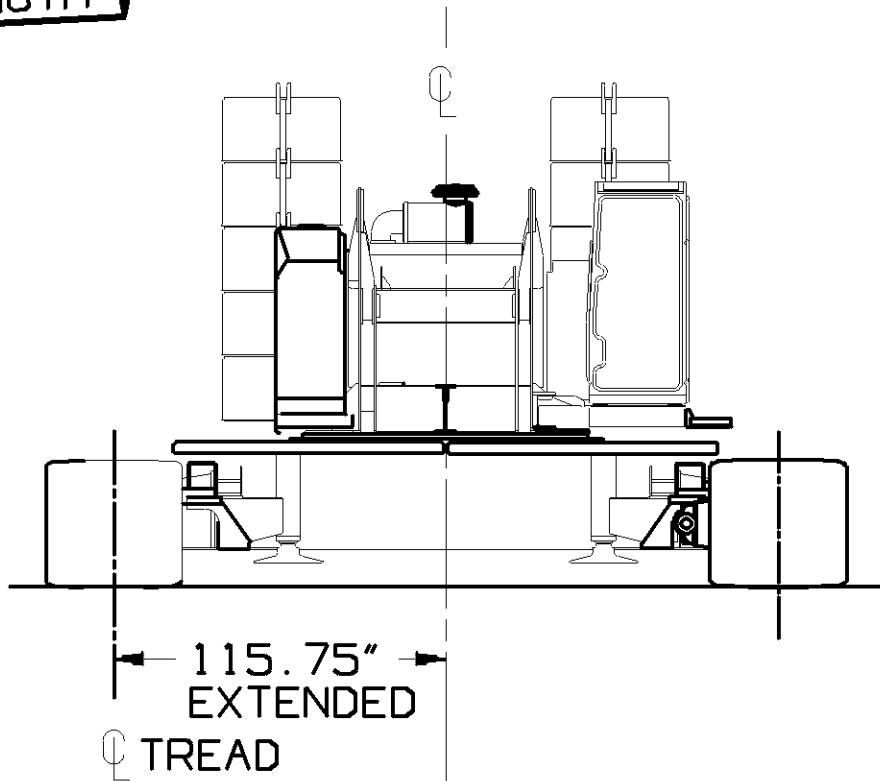
NOTE 2: FOR #82 AND #22EL BOOMS ONLY, WEIGHTS FOR 70 THRU 240 FT. BOOMS INCLUDE A 8 SHEAVE BOOM POINT, 250 FT THRU 290 FT BOOM INCLUDES A 2 SHEAVE BOOM POINT.

NOTE 3: CONSULT PROPER CRANE CAPACITY CHART FOR LIFTING CAPACITIES AND ALLOWABLE BOOM AND JIB COMBINATIONS.

CAUTION: NOT TO BE USED FOR CRANE RATING PURPOSES.



SIDE VIEW



FRONT VIEW

BOOM WEIGHTS		
BOOM LENGTH (ft.)	#82 or #22EL	
	WBB (lbs)	WBT (lbs)
70	21,069	17,103
80	22,980	17,807
90	24,442	18,305
100	25,447	18,540
110	26,770	19,177
120	27,616	19,571
130	28,535	19,887
140	29,310	20,353
150	30,541	21,081
160	31,248	21,615
170	32,007	22,060
180	32,691	22,617
190	33,909	23,358
200	34,553	23,955
210	35,239	24,473
220	35,877	25,076
230	37,075	25,838
240	37,686	26,468
250	38,329	26,094
260	38,940	26,723
270	40,137	27,486
280	40,728	28,135
290	41,344	28,724
300		
310		
320		
330		
340		
#134 JIB WEIGHTS		
LENGTH (ft.)	WJB (lbs)	WJT (lbs)
30	2,293	1,054
40	2,584	1,294
50	2,868	1,543
60	3,148	1,797
70	3,426	2,053
80	3,701	2,311

DATE	SCALE	MANITOWOC CRANES, INC. MANITOWOC, WISCONSIN	C G CHART
4-26-02	DR. JLD		48" TREADS
DWG. NO.	CK. JLD	MODEL 999	BOOM NO.82 OR 22EL
T.S. 333	APP.		