

ROTATING UPPERWORKS WEIGHT AND CENTER OF GRAVITY (WU)			
EQUIPPED AS	WEIGHT (lbs)	DIM "A" (in.)	DIM "B" (in.)
21000 W/100' MAST (530,000 lb. CTWT)	867,990	312.5	120.8
LOWERWORKS WEIGHT AND CENTER OF GRAVITY (WL)			
EQUIPPED AS	WEIGHT (lbs)	DIM "C" (in.)	DIM "D" (in.)
NARROW ARRGT W/OUTRIGGERS WITH 200,000 lb. CARBODY COUNTERWEIGHT	706,277	0.	-83.9
WIDE CRAWLER ARRANGEMENT WITH 200,000 lb. CARBODY COUNTERWEIGHT	752,977	0.	-81.7

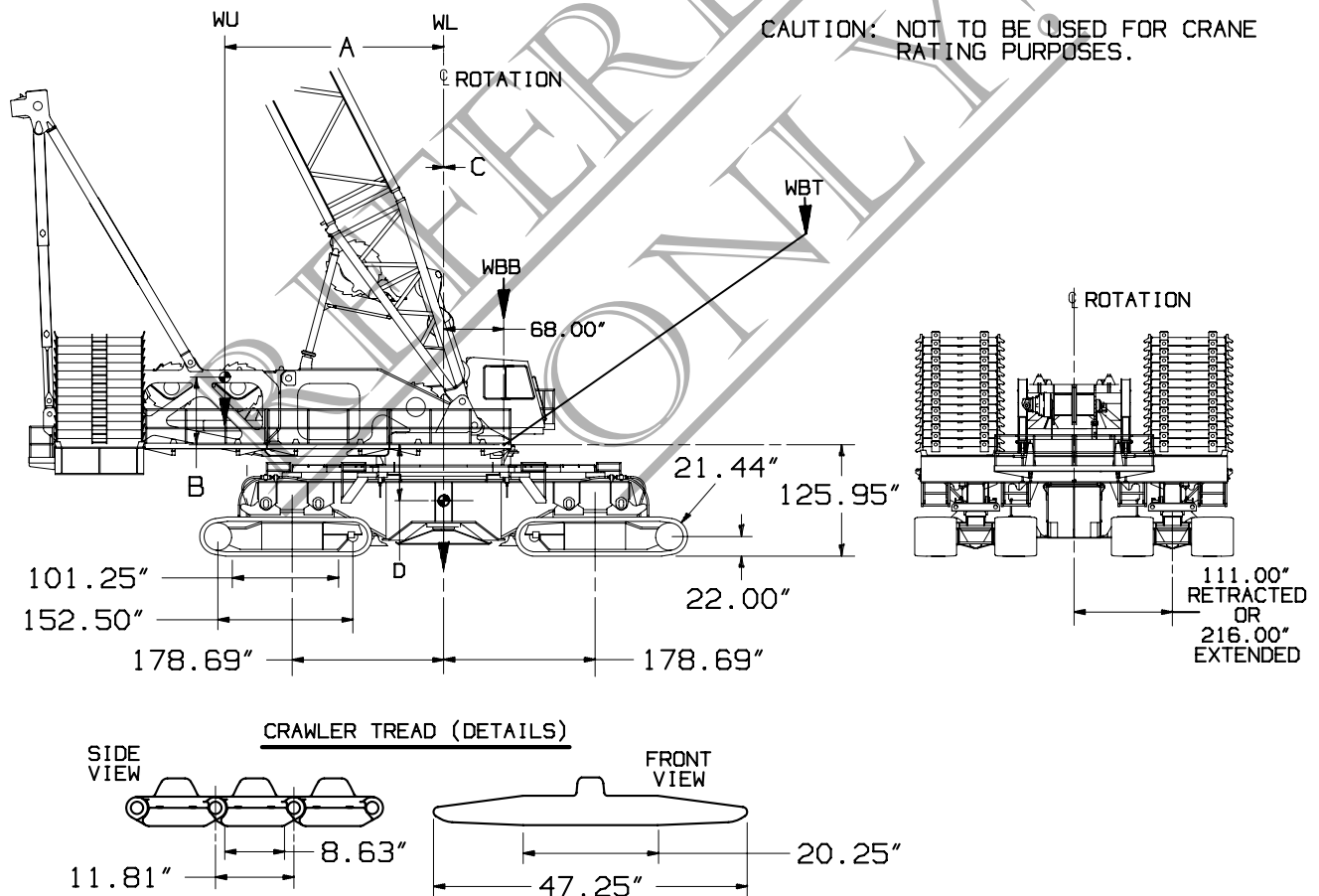
#80 BOOM WEIGHTS		
LENGTH (ft.)	WBB (lbs.)	WBT (lbs.)
100	59,600	86,830
120	67,845	93,478
140	71,032	97,678
160	79,406	104,190
180	82,218	99,544
200	89,358	107,351
220	96,529	115,126
240	102,915	119,780
260	110,188	127,448
280	116,238	132,456
300	123,600	140,030
320	129,412	145,287
340	136,851	152,781
360	142,486	158,224

NOTE 1:
BOOM WEIGHTS INCLUDE WEIGHT OF BOOM, BOOM STRAPS, ETC.:
BUT DO NOT INCLUDE WEIGHT OF LOAD, LOAD BLOCK, WEIGHT
BALL, SLINGS, ETC.. ALL ITEMS SUSPENDED FROM BOOM
MUST BE CONSIDERED PART OF THE LOAD.

NOTE 2:
100 ft. THRU 180 ft. BOOM WEIGHTS INCLUDE TANDDEM LOWER BOOM
POINTS. 180 ft. THRU 360 ft. BOOM WEIGHTS INCLUDE SINGLE LOWER
BOOM POINT.

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

CAUTION: NOT TO BE USED FOR CRANE
RATING PURPOSES.



DATE	SCALE	MANITOWOC CRANES, INC. MANITOWOC, WISCONSIN	C G CHART
1-27-10	DR. RAH		48" TREADS
DWG. NO.	CK. JLD	MODEL 21000	BOOM NO.80
T.S. 327	APP. JLD		WITH 100' MAST