

ROTATING UPPERWORKS WEIGHT AND CENTER OF GRAVITY (WU)			
EQUIPPED AS	WEIGHT (lbs)	DIM "A" (in.)	DIM "B" (in.)
18000 W/100' MAST (528,000 lb. CTWT)	763,574	235.6	86.7
18000 W/100' MAST (456,000 lb. CTWT)	691,574	230.7	87.3
18000 W/100' MAST (384,000 lb. CTWT)	619,574	224.4	89.2
18000 W/100' MAST (276,000 lb. CTWT)	511,574	212.5	94.5
LOWERWORKS WEIGHT AND CENTER OF GRAVITY (WL)			
EQUIPPED AS	WEIGHT (lbs)	DIM "C" (in.)	DIM "D" (in.)
18000 WITH 320,000 lb. CARBODY COUNTERWEIGHT	550,537	6.9	-100.6
18000 WITH 232,000 lb. CARBODY COUNTERWEIGHT	462,537	8.3	-101.6
18000 WITH 144,000 lb. CARBODY COUNTERWEIGHT	374,537	10.2	-103.0
18000 WITH 56,000 lb. CARBODY COUNTERWEIGHT	286,537	13.3	-105.4

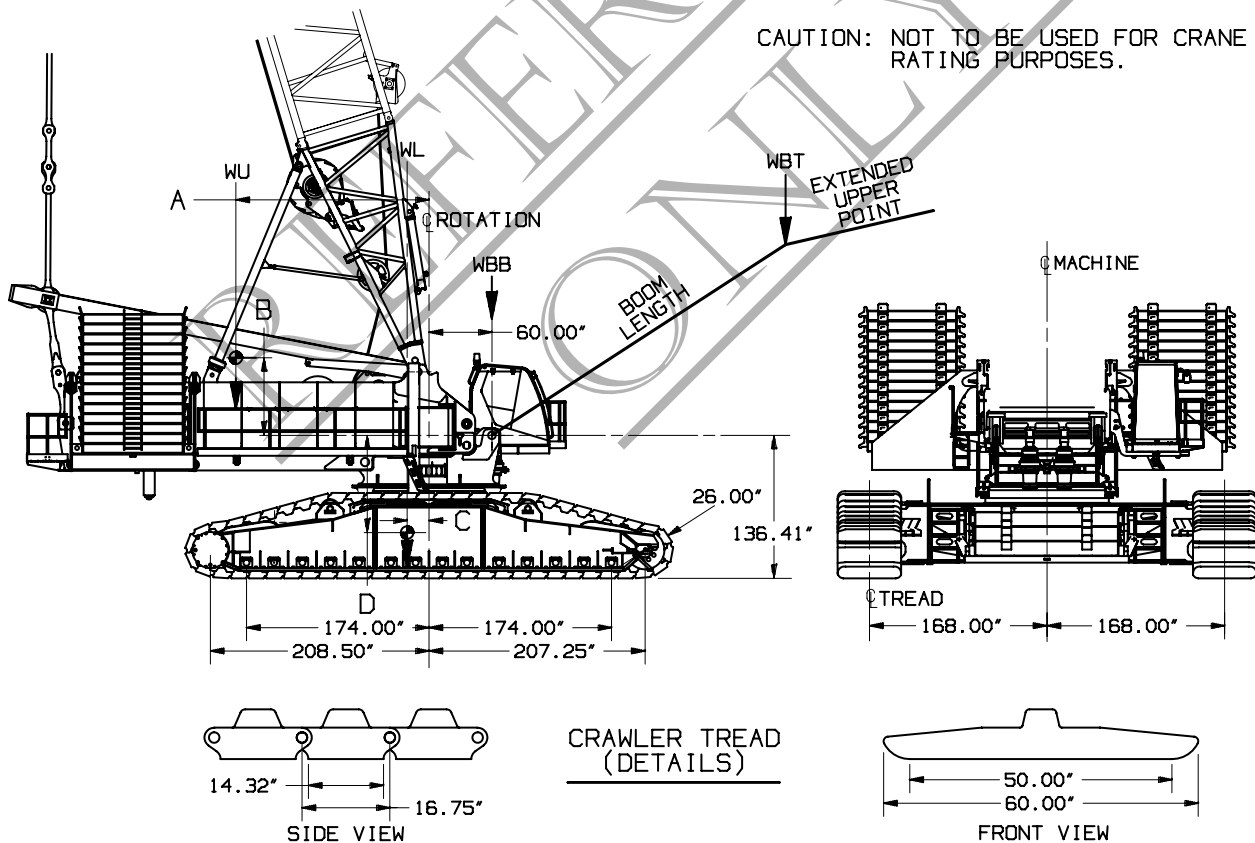
BOOM WEIGHTS			BOOM WEIGHTS		
BOOM LENGTH (ft.)	#55/79A		BOOM LENGTH (ft.)	#55/79A WITH EXTENDED UPPER POINT	
	WBB (lbs)	WBT (lbs)		WBB (lbs)	WBT (lbs)
120	96,919	55,112	200	118,166	68,647
140	103,391	57,938	220	122,936	71,418
160	110,265	61,833	240	126,638	72,802
180	115,432	64,188	260	131,167	75,826
200	119,718	64,959	280	134,473	77,626
220	124,442	67,778	300	138,866	80,793
240	128,106	69,202	320	141,907	82,871
260	132,603	72,260	340	146,219	86,123
280	135,881	74,089	360	157,055	84,450
300	140,250	77,281	380	161,716	87,461
320	143,270	79,380	400	164,834	89,655
340	147,564	82,652			
360	150,597	85,420			
380	154,835	88,751			
400	157,527	91,194			

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

NOTE 2: OPTIONAL UPPERWORKS JACKS ARE INCLUDED IN UPPERWORKS WEIGHTS AND CARBODY PEDESTALS ARE INCLUDED IN LOWERWORKS WEIGHTS.

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

CAUTION: NOT TO BE USED FOR CRANE RATING PURPOSES.



DATE 1-22-10	SCALE NONE	MANITOWOC CRANES, INC. MANITOWOC, WISCONSIN	C G CHART	
	DR. RAH		60" TREADS	
DWG. NO. T.S. 346	CK. JLD	MODEL 18000	BOOM NO.55/79A	
	APP.			