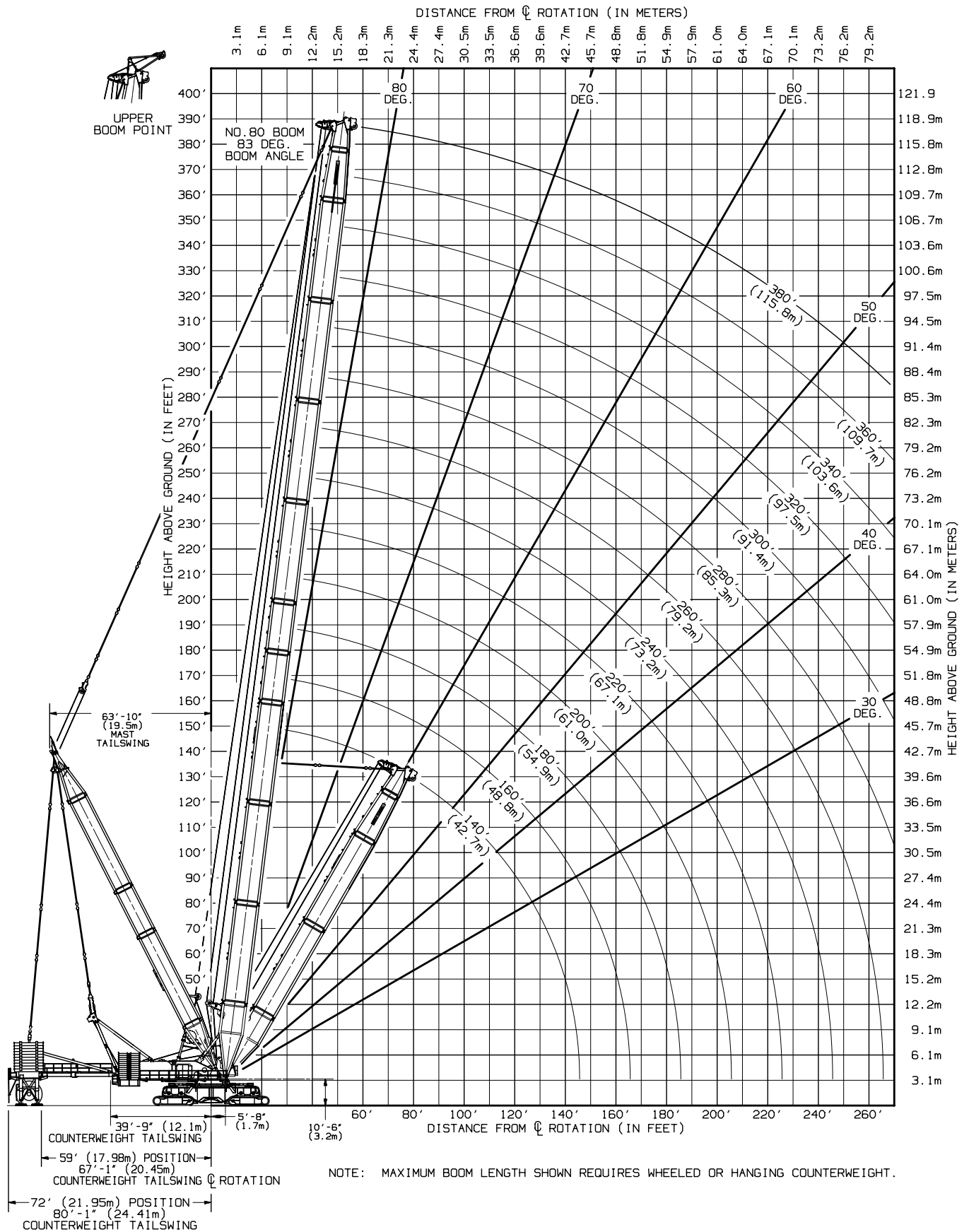




MANITOWOC CRANES, INC.

NOTE 1: THIS DRAWING IS INTENDED ONLY AS A GUIDE TO ASSIST IN JOB PLANNING.

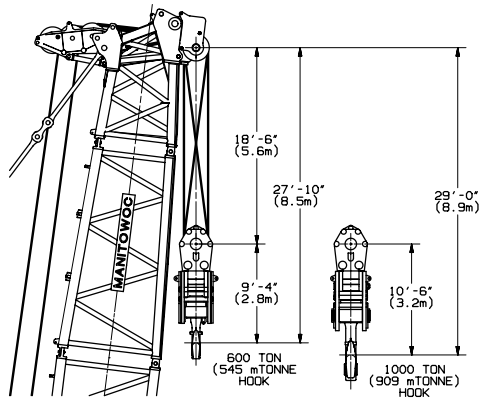
NOTE 2: FOR PLANNING A LIFT, THIS DRAWING IS TO BE USED IN CONJUNCTION WITH APPROPRIATE CAPACITY CHARTS, RANGE CHART, LOAD LINE SPECIFICATIONS, RIGGING DRAWING, AND OUTLINE DIMENSIONS.

NOTE 3: FOR PLANNING LIFTS WHERE CLEARANCES ARE LIMITED AND ACCURACY IS DESIRED, A DETAILED LAYOUT SHOULD BE PREPARED.

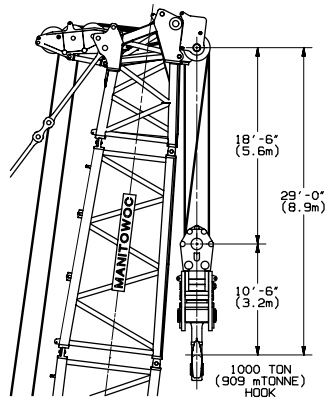
NOTE 4: DISTANCE OF MANITOWOC LOAD BLOCK TO BOOM POINT BASED ON 2-1/2 DEGREE FLEET ANGLE OR PHYSICAL LIMITATIONS.

NOTE 5: WHEN EQUIPPED WITH BLOCK UP LIMIT CONTROL, LOAD BLOCK TO BOOM OR JIB POINT MINIMUM DISTANCE MAY BE MORE THAN INDICATED. SEE OPERATOR'S MANUAL FOR "BLOCK UP LIMIT CONTROL".

NOTE 6: MINIMUM DISTANCE FROM MANITOWOC SUPPLIED LOAD BLOCK TO BOOM POINT SHOWN IS FOR WORST CASE. DISTANCE COULD BE LESS DEPENDING ON CONFIGURATION. SEE MCC LOAD BLOCK TO BOOM POINT MINIMUM DISTANCE CHARTS #6062 (#80 BOOM - ONE DRUM & 600 TON - 545 mTONNE BLOCK), #6061 (#80 BOOM - 2 DRUMS & 600 TON - 545 mTONNE BLOCK) AND #6060 (#80 BOOM - 2 DRUMS & 1000 TON - 909 mTONNE BLOCK).

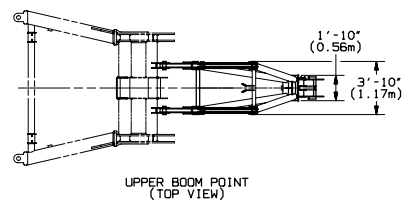
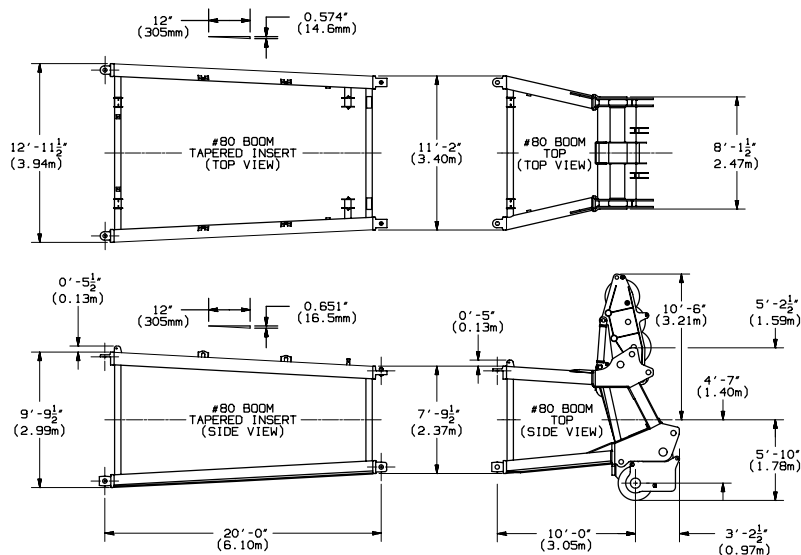


600 TON (545 mTONNE) BLOCK TO BOOM POINT
MINIMUM DISTANCE
#80 BOOM - 1 DRUM 26 PARTS OF LINE

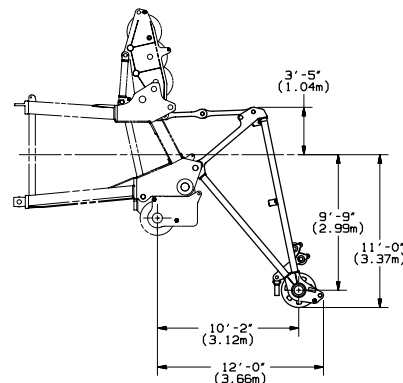


1000 TON (909 mTONNE) BLOCK TO BOOM POINT
MINIMUM DISTANCE
#80 BOOM - 2 DRUM 32 PARTS OF LINE

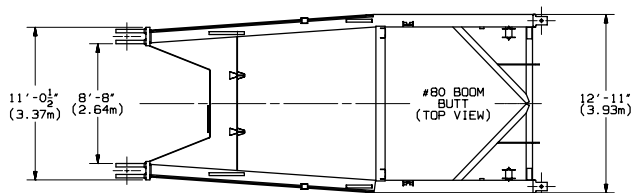
MINIMUM DISTANCE MEASUREMENTS
BASED ON 83° BOOM ANGLE.



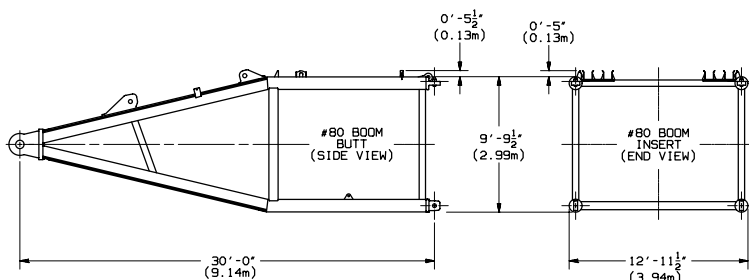
UPPER BOOM POINT
(TOP VIEW)



UPPER BOOM POINT
(SIDE VIEW)



#80 BOOM
BUTT
(TOP VIEW)



#80 BOOM
BUTT
(SIDE VIEW)

#80 BOOM
INSERT
(END VIEW)