

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LUFFING JIB CONTAINER HANDLING RAISING PROCEDURE

M-250 **SERIES 2**
SPECIAL

LUFFING JIB NO. 136 ON
BOOM NO. 44 WITH HEAVY LIFT TOP

RECOMMENDED BOOM AND LUFFING JIB RAISING AND LOWERING PROCEDURE.

MACHINE MUST BE EQUIPPED WITH 207,000 LB. (93,890 kg) CRANE COUNTERWEIGHT AND 150,000 LB. (68,040 kg) CARBODY COUNTERWEIGHT FOR RAISING AND LOWERING BOOM AND LUFFING JIB. REFER TO LUFFING JIB RIGGING ASSEMBLY NO. 177438 FOR BOOM AND LUFFING JIB MAKE-UP.

LAYOUT IN-LINE METHOD

BOOM AND LUFFING JIB ARE ASSEMBLED IN LAYOUT, END TO END, POSITION. BOOM AND LUFFING JIB MUST BE IN LINE OVER FRONT OF BLOCKED CRAWLERS PRIOR TO RAISING BOOM AND LUFFING JIB. SLOWLY RAISE BOOM UNTIL JIB STOP STRUT IS JUST CLEAR OF GROUND. ATTACH JIB STOP PENDANTS AND UNPIN JIB STOP INNER STRUT FROM RETRACTED POSITION. SLOWLY RAISE BOOM UNTIL JIB STOP STRUT IS FULLY EXTENDED AND PINS ENGAGED (APPROXIMATELY 168 DEGREE BOOM TO LUFFING JIB ANGLE). TIGHTEN LUFFING JIB SUSPENSION WITH LUFFING JIB HOIST. BOOM AND LUFFING JIB CAN THEN BE RAISED SIMULTANEOUSLY USING ONLY THE BOOM HOIST. REVERSE THIS PROCEDURE WHEN LOWERING BOOM AND LUFFING JIB.

THE FOLLOWING COMBINATIONS MAY BE RAISED AND LOWERED USING LAYOUT IN-LINE METHOD.

MAXIMUM BOOM AND LUFFING JIB LENGTHS LIFTED UNASSISTED OVER FRONT OF BLOCKED CRAWLERS USING LAYOUT IN-LINE METHOD			
BOOM LENGTH		LUFFING JIB NO. 136	
FEET	METERS	FEET	METERS
80	24.4	70	21.3
LOAD BLOCKS, HOOK AND WEIGHT BALL ON GROUND UNTIL BOOM AND LUFFING JIB ARE ERECTED.			