

RECOMMENDED FOR VARIOUS BOOM LENGTHS									
DWG. NO.	10 FT.	20 FT.	40 FT.	60 FT.	80 FT.	100 FT.	120 FT.	140 FT.	160 FT.
10 FT. INSERT	1	0	0	0	0	0	0	0	0
20 FT. INSERT	0	1	0	0	0	0	0	0	0
40 FT. INSERT	0	0	1	0	0	0	0	0	0
60 FT. INSERT	0	0	0	1	0	0	0	0	0
80 FT. INSERT	0	0	0	0	1	0	0	0	0
100 FT. INSERT	0	0	0	0	0	1	0	0	0
120 FT. INSERT	0	0	0	0	0	0	1	0	0
140 FT. INSERT	0	0	0	0	0	0	0	1	0
160 FT. INSERT	0	0	0	0	0	0	0	0	1
180 FT. INSERT	0	0	0	0	0	0	0	0	0
200 FT. INSERT	0	0	0	0	0	0	0	0	0
220 FT. INSERT	0	0	0	0	0	0	0	0	0
240 FT. INSERT	0	0	0	0	0	0	0	0	0
260 FT. INSERT	0	0	0	0	0	0	0	0	0

FOR 170 FT. OF BOOM LONGER WITH 4 1/2" OFFSET, DELETE 4 40 FT. PENDANTS *276682.

OPTIONAL 4 1/2" OFFSET BOOM TOP ARRANGEMENT REQD FOR BOOM LENGTHS OF 170 FT. THRU 260 FT.

WITH JIB BACKSTAY LUGS (FOR 122-AJIB) ITEMS 132422-23, 24 FOR 1 1/2" OFFSET BOOM TOP WITH JIB BACKSTAY LUGS (FOR 122-AJIB), BUMPER FOR 4 1/2" OFFSET BOOM TOP & GUIDE SHEAVE BRACKETS

80 FT. BASIC BOOM			
NO.	DWG. NO.	DESCRIPTION	REMARKS
1	17328	END PLATE	
2	22656	BOOM SIGN	
1	24371	LOWER BOOM POINT SHAFT ASSEM-6 SHEAVE	32" DIA. 1 1/2" D ROPE
1	33404	UPPER WIRE ROPE GUIDE ASSEM.	
1	43466	MAST ASSEM.	SEE NOTE 4
1	50952-2	BOOM BUTT (40'-6" LG.)	
1	50953-9	BOOM TOP (39'-6" LG.)	REMOVABLE UPPER BOOM POINT
2	72862	LINK	
2	72912	PIN	
1	73907	WIRE ROPE ROLLER GUIDE ASSEM.	
1	90927	WIRE ROPE GUIDE ASSEM.	REQD FOR 5" WIDE LOAD DRUMS
1	93616	WIRE ROPE GUIDE ASSEM.	REQD FOR 3" WIDE LOAD DRUMS
4	137296	PIN	
4	137298	LINK	
1	180249	LOWER EQUALIZER ASSEM.	
1	180250	UPPER EQUALIZER ASSEM.	
1	181361	MAST SUPPORT ASSEM.	
4	276683	BASIC PENDANT-DWG. #72490	25'-0" LG.

OPTIONAL PARTS			
1	48258	MAST ASSEM. (STATIONARY)	SEE NOTE 5
1	24698	WIRE ROPE ANCHOR JOINT FOR SPART LINE	
1	33659	WIRE ROPE ANCHOR JOINT WITH DOUBLE CONN	
1	78169	JIB ADAPTOR ASSEM. - 123 JIB	
1	90107	LOWER BOOM POINT SHAFT ASSEM.-3 SHEAVE	32" DIA. 1 1/2" D ROPE
1	90197	WIRE ROPE ANCHOR JOINT WITH SINGLE CONN	
1	95302	WIRE ROPE ANCHOR JOINT (32" LG.)	SEE NOTE 2
1	90940	UPPER BOOM POINT SHAFT ASSEM.-2 SHEAVE-36 DIA	1" THRU 1/4" D ROPE
1	21172	LOWER BOOM POINT SHAFT ASSEM.-6 SHEAVE	32" DIA. 1 1/2" D ROPE
1	92065	LOWER BOOM POINT SHAFT ASSEM.-4 SHEAVE	32" DIA. 1 1/2" D ROPE
1	92174	UPPER BOOM POINT SHAFT ASSEM.-1 SHEAVE-36 DIA	1" THRU 1/4" D ROPE
1	142974	DEAD END FOR MILLER LOAD BLOCK	
1	183767	SUB-ASSEMBLY - TRAVELING	NOT SHOWN
4	277177	PENDANT (65 FT.-0) DWG. 72490	SEE NOTE 2

OPTIONAL PARTS FOR 4 1/2" OFFSET BOOM TOP			
2	16846	PIN	REQD FOR 4 1/2" OFFSET BOOM TOP
2	91940	PENDANT ATTACHMENT LUG	REQD FOR 4 1/2" OFFSET BOOM TOP
1	94191	JIB BACKSTAY ADAPTOR	REQD FOR 4 1/2" OFFSET BOOM TOP
2	94307	LINK	
6	139528	PIN	
4	277018	BASIC PENDANT-DWG. 72490-30 7 1/2" LG	REQD FOR 170 FT. OF BOOM LONGER
1	95062	WIRE ROPE ROLLER GUIDE	REQD FOR 170 FT. OF BOOM LONGER

OPTIONAL BOOM TOP FOR LIFT AND/OR LIFT-CLAM			
1	150958-2	BOOM TOP (39'-6")	SEE NOTE 6

OPTIONAL PARTS			
1	90687	UPPER BOOM POINT SHAFT ASSEM-2 SHEAVE 4" DIA THRU 1/4" D ROPE	
1	92060	UPPER BOOM POINT SHAFT ASSEM-1 SHEAVE 4" DIA THRU 1/4" D ROPE	

UNLESS NOTED	MANITOWOC ENGINEERING CO.	BOOM RIGGING ASSEMBLY -	REVISED DATE
FRAC. DIM.	MANITOWOC, WISCONSIN	*27 BOOM - LIFT CRANE -	DATE
HOLE DIA.		INDEPENDENT BOOM HOIST	3-28-12
HOLE CENTER			
FINISH			
APP.			

NOTE 6
81010687 MAY BE USED IN PLACE OF 50958.

