



"MANUFACTURERS OF THE MOST COMPLETE LINE OF FLUX HANDLING EQUIPMENT IN THE WORLD"

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## FIGURE MMX-13A

**FIG. MMX-13A**

SMALL TANK OR ROLL BUILD-UP. DUAL WELDING STATION FLUX RECOVERY SYSTEM. MIGHTY-MAC 3000X/P OR 5000X/P VACUUM WITH 2@ FH-100 OR HFH-100 HOPPER/SEPARATORS. (TYPICAL CONFIGURATION)

**IMPORTANT NOTES:**

#1) VACUUM HOSES MUST BE APPROXIMATELY EQUAL LENGTHS. (I.E. 2 @ 25 FT.)

#2) RECOVERY HOSES MUST BE APPROXIMATELY EQUAL LENGTHS. (I.E. 2 @ 15 FT.)

**HEAVY DUST REMOVAL:**

FOR OPTIMAL HEAVY DUST REMOVAL, ORDER TEFLON COATED FILTERS.

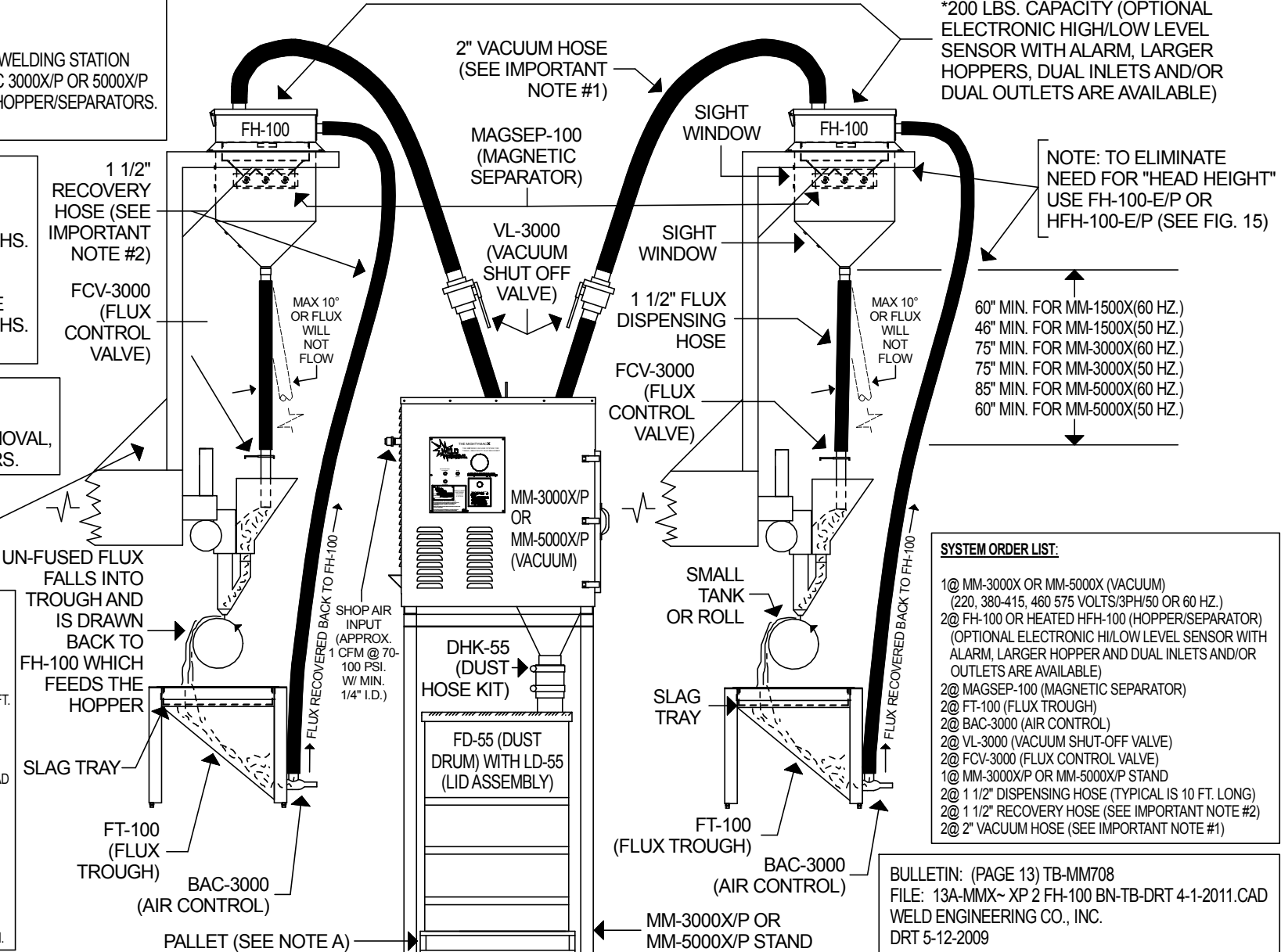
CUSTOMER MUST PROVIDE FH-100 MOUNTING BRACKETS

**MIGHTY-MAC VACUUM SELECTION:**

USE MM-3000X FOR...  
A) 50/60HZ. POWER INSTALLATIONS  
B) SINGLE WIRE WELDING ON EACH HEAD  
C) MAXIMUM 2" VACUUM HOSE PER HEAD IS 30FT.  
D) MAXIMUM 1 1/2" RECOVERY HOSE PER HEAD IS 25FT.

USE MM-5000X FOR...  
A) 50HZ. POWER INSTALLATIONS WITH 2" VACUUM HOSE MAXIMUM OF 30FT. PER HEAD  
B) 60 HZ. WITH 2" VACUUM HOSE OVER 50FT. PER HEAD (CONSULT FACTORY FOR MAXIMUM LENGTH)  
C) 1 1/2" RECOVERY HOSE OVER 25FT. PER HEAD (CONSULT FACTORY FOR MAXIMUM LENGTH)  
D) TWIN ARC WELDING EACH HEAD (NOT TANDEM)

NOTE:  
1) DUAL SYSTEM NOT RECOMMENDED FOR TANDEM OR TRIPLE HEADS. USE ONE MM-3000X OR MM-5000X PER TANDEM APPLICATION.  
2) MM-1500X NOT RECOMMENDED FOR DUAL STATION.



FH-100 OR HEATED HFH-100 HOPPER. \*200 LBS. CAPACITY (OPTIONAL ELECTRONIC HIGH/LOW LEVEL SENSOR WITH ALARM, LARGER HOPPERS, DUAL INLETS AND/OR DUAL OUTLETS ARE AVAILABLE)

NOTE: TO ELIMINATE NEED FOR "HEAD HEIGHT" USE FH-100-E/P OR HFH-100-E/P (SEE FIG. 15)

- 60" MIN. FOR MM-1500X(60 HZ.)
- 46" MIN. FOR MM-1500X(50 HZ.)
- 75" MIN. FOR MM-3000X(60 HZ.)
- 75" MIN. FOR MM-3000X(50 HZ.)
- 85" MIN. FOR MM-5000X(60 HZ.)
- 60" MIN. FOR MM-5000X(50 HZ.)

**SYSTEM ORDER LIST:**

- 1@ MM-3000X OR MM-5000X (VACUUM) (220, 380-415, 460 575 VOLTS/3PH/50 OR 60 HZ.)
- 2@ FH-100 OR HEATED HFH-100 (HOPPER/SEPARATOR) (OPTIONAL ELECTRONIC HI/LOW LEVEL SENSOR WITH ALARM, LARGER HOPPER AND DUAL INLETS AND/OR OUTLETS ARE AVAILABLE)
- 2@ MAGSEP-100 (MAGNETIC SEPARATOR)
- 2@ FT-100 (FLUX TROUGH)
- 2@ BAC-3000 (AIR CONTROL)
- 2@ VL-3000 (VACUUM SHUT-OFF VALVE)
- 2@ FCV-3000 (FLUX CONTROL VALVE)
- 1@ MM-3000X/P OR MM-5000X/P STAND
- 2@ 1 1/2" DISPENSING HOSE (TYPICAL IS 10 FT. LONG)
- 2@ 1 1/2" RECOVERY HOSE (SEE IMPORTANT NOTE #2)
- 2@ 2" VACUUM HOSE (SEE IMPORTANT NOTE #1)

BULLETIN: (PAGE 13) TB-MM708  
FILE: 13A-MMX~ XP 2 FH-100 BN-TB-DRT 4-1-2011.CAD  
WELD ENGINEERING CO., INC.  
DRT 5-12-2009