



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

34 FRUIT STREET  
SHREWSBURY, MA 01545 (U.S.A.)  
TELEPHONE: (508) 842-2224  
FAX: (508) 842-3893  
WEBSITE:  
WWW.WELDENGINEERING.COM  
EMAIL:  
SALES@WELDENGINEERING.COM

**FIG. MMX-5**

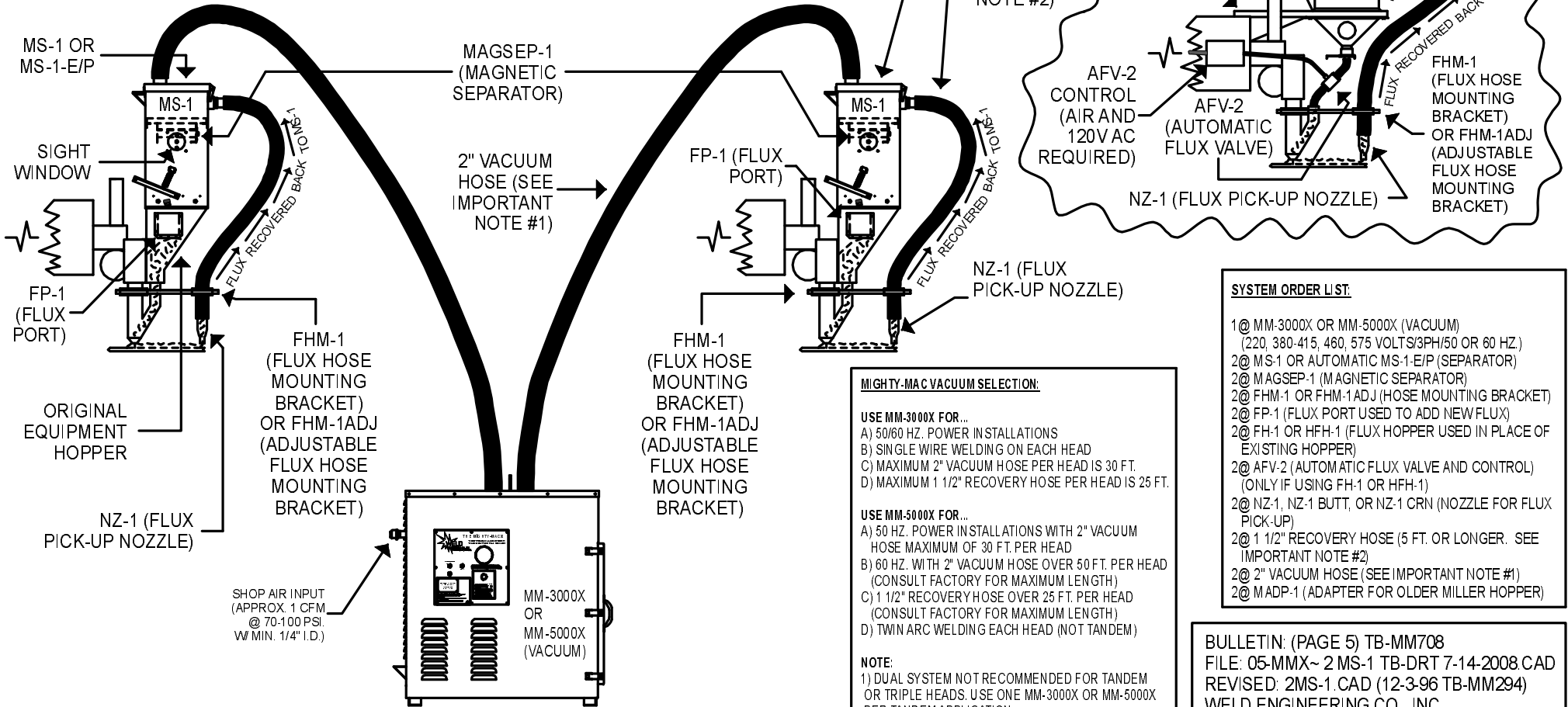
DUAL WELDING STATION FLUX RECOVERY SYSTEM. MM-3000X OR MM-5000X VACUUM WITH 2@ MS-1 OR MS-1-E/P SEPARATORS. (TYPICAL CONFIGURATION)

**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.)

**ALTERNATE CONFIGURATION:**

FH-1 OR HEATED HFH-1 40 LBS. HOPPER USED INSTEAD OF ORIGINAL EQUIPMENT HOPPER.



**FIGURE MMX-5**

**SYSTEM ORDER LIST:**

- 1@ MM-3000X OR MM-5000X (VACUUM)  
(220, 380-415, 460, 575 VOLTS/3PH/50 OR 60 HZ.)
- 2@ MS-1 OR AUTOMATIC MS-1-E/P (SEPARATOR)
- 2@ MAGSEP-1 (MAGNETIC SEPARATOR)
- 2@ FHM-1 OR FHM-1ADJ (HOSE MOUNTING BRACKET)
- 2@ FP-1 (FLUX PORT USED TO ADD NEW FLUX)
- 2@ FH-1 OR HFH-1 (FLUX HOPPER USED IN PLACE OF EXISTING HOPPER)
- 2@ AFV-2 (AUTOMATIC FLUX VALVE AND CONTROL)  
(ONLY IF USING FH-1 OR HFH-1)
- 2@ NZ-1, NZ-1 BUTT, OR NZ-1 CRN (NOZZLE FOR FLUX PICK-UP)
- 2@ 1 1/2" RECOVERY HOSE (5 FT. OR LONGER. SEE IMPORTANT NOTE #2)
- 2@ 2" VACUUM HOSE (SEE IMPORTANT NOTE #1)
- 2@ MADP-1 (ADAPTER FOR OLDER MILLER HOPPER)

**MIGHTY-MAC VACUUM SELECTION:**

USE MM-3000X FOR...

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

USE MM-5000X FOR...

- A) 50 HZ. POWER INSTALLATIONS WITH 2" VACUUM HOSE MAXIMUM OF 30 FT. PER HEAD
- B) 60 HZ. WITH 2" VACUUM HOSE OVER 50 FT. PER HEAD (CONSULT FACTORY FOR MAXIMUM LENGTH)
- C) 1 1/2" RECOVERY HOSE OVER 25 FT. 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.

BULLETIN: (PAGE 5) TB-MM708  
FILE: 05-MMX~ 2 MS-1 TB-DRT 7-14-2008.CAD  
REVISED: 2MS-1.CAD (12-3-96 TB-MM294)  
WELD ENGINEERING CO., INC.  
DRT 9-8-2008