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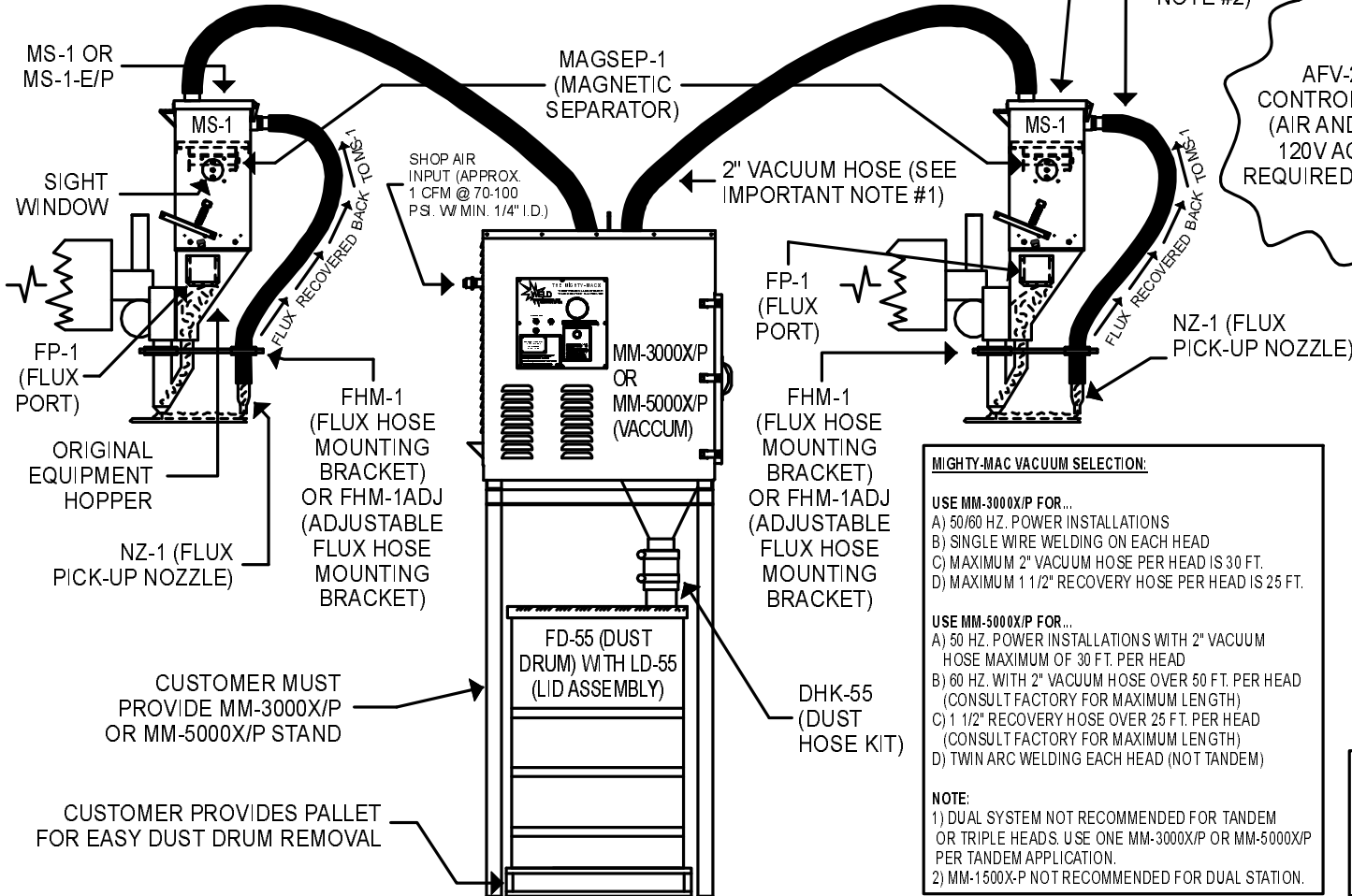
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**FIG. MMX-6**

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

**IMPORTANT NOTES:**

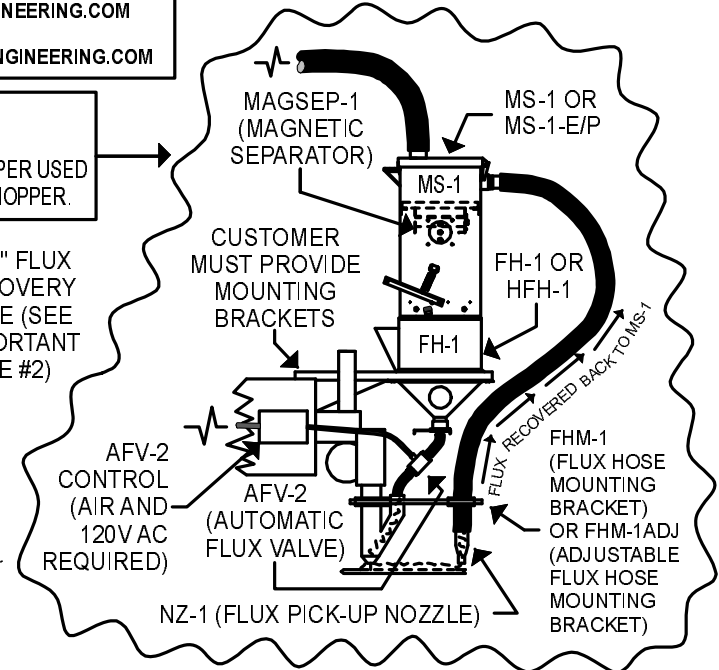
- #1) VACUUM HOSES MUST BE APPROXIMATELY EQUAL LENGTHS. (I.E. 2 @ 25 FT.)
- #2) RECOVERY HOSES MUST BE APPROXIMATELY EQUAL LENGTHS. (I.E. 2 @ 15 FT.)



**ALTERNATE CONFIGURATION:**

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

**FIGURE MMX-6**



**SYSTEM ORDER LIST**

- 1@ MM-3000X/P OR MM-5000X/P (VACUUM)  
(220, 380-415, 460, 575 VOLTS/3PH/50 OR 60 HZ.)
- 1@ FD-55 (DUST DRUM) WITH LD-55 (LID ASSEMBLY)
- 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/P 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/P FOR...
- A) 50 HZ. POWER INSTALLATIONS WITH 2" VACUUM HOSE MAXIMUM OF 30 FT. PER HEAD
  - B) 60 HZ. WITH 2" VACUUM HOSE OVER 30 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/P OR MM-5000X/P PER TANDEM APPLICATION.  
2) MM-1500X-P NOT RECOMMENDED FOR DUAL STATION.

BULLETIN: (PAGE 6) TB-MM708  
FILE: 06-MMX~ 2 MS-1 MM-X-P TB-DRT 7-14-2008.CAD  
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WELD ENGINEERING CO., INC.  
DRT 9-8-2008