



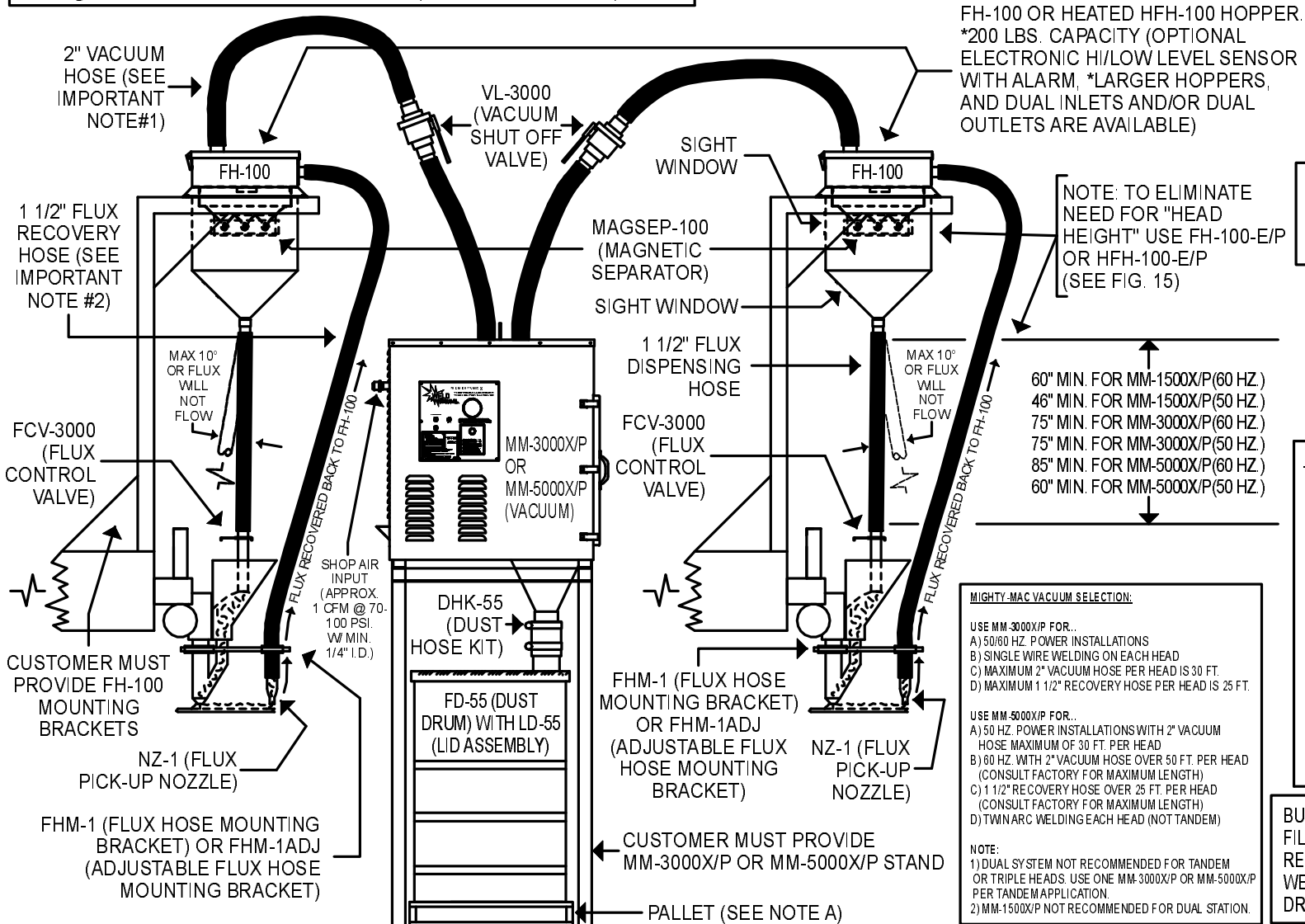
"MANUFACTURERS OF THE MOST COMPLETE LINE OF FLUX HANDLING EQUIPMENT IN THE WORLD"

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FIGURE MMX-12

FIG. MMX-12

DUAL WELDING STATION FLUX RECOVERY SYSTEM. MM-3000X/P OR MM-5000X/P VACUUM WITH 2@ FH-100 OR HFH-100 HOPPER/SEPARATORS. (TYPICAL CONFIGURATION)



FH-100 OR HEATED HFH-100 HOPPER. *200 LBS. CAPACITY (OPTIONAL ELECTRONIC HI/LOW LEVEL SENSOR WITH ALARM, *LARGER HOPPERS, AND 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/P(60 HZ.)
- 46" MIN. FOR MM-1500X/P(50 HZ.)
- 75" MIN. FOR MM-3000X/P(60 HZ.)
- 75" MIN. FOR MM-3000X/P(50 HZ.)
- 85" MIN. FOR MM-5000X/P(60 HZ.)
- 60" MIN. FOR MM-5000X/P(50 HZ.)

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. (CONSULT FACTORY FOR MAXIMUM LENGTH)
 - 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 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/P OR MM-5000X/P PER TANDEM APPLICATION.
2) MM-1500X/P NOT RECOMMENDED FOR DUAL STATION.

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.

NOTE A -- PALLET:

CUSTOMER PROVIDES A PALLET FOR EASY DUST DRUM REMOVAL.

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@ FH-100 OR HEATED HFH-100 (HOPPER/SEPARATOR) (OPTIONAL ELECTRONIC HI/LOW LEVEL SENSOR WITH ALARM, LARGER HOPPER AND DUAL INLET AND/OR OUTLET ARE AVAILABLE)
- 2@ MAGSEP-100 (MAGNETIC SEPARATOR)
- 2@ FHM-1 OR FHM-1ADJ (HOSE MOUNTING BRACKET)
- 2@ VL-3000 (VACUUM SHUT-OFF VALVE)
- 2@ NZ-1, NZ-1 BUTT, OR NZ-1 CRN (NOZZLE FOR FLUX PICK-UP)
- 2@ FCV-3000 (FLUX CONTROL VALVE)
- 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 12) TB-MM708
FILE: 12-MMX~ 2 FH-100 MM-X-P DRT 7-2-2008.CAD
REVISED: 2FH-100P.CAD (7-16-96 TB-MM294)
WELD ENGINEERING CO., INC
DRT 5-12-2008