



"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

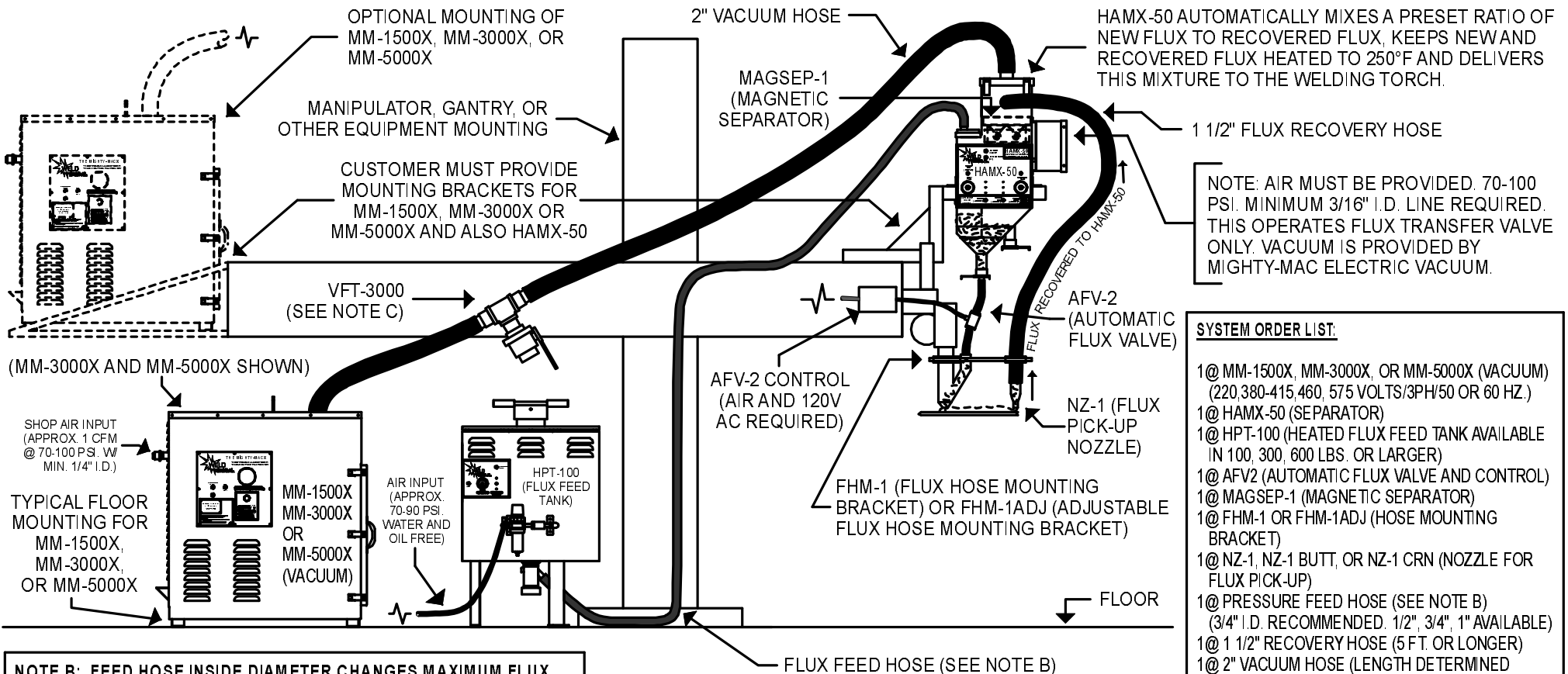
## FIGURE HAMX-25

**FIG. HAMX-25**

HEATED AUTOMATIC MIXING FLUX HOPPER/SEPARATOR SYSTEM. MM-1500X, MM-3000X, OR MM-5000X VACUUM WITH HAMX-50 AND HPT-100 HEATED FEED TANK. (TYPICAL COMPONENT CONFIGURATION)

**NOTE A: MIGHTY-MACX VACUUM SELECTION**

MM-1500X FOR SINGLE AND TWIN WIRE, WITH 2" VACUUM HOSE UP TO 35 FT.  
MM-3000X FOR SINGLE, TWIN AND TANDEM WIRE, WITH 2" VACUUM HOSE UP TO 50 FT.  
MM-5000X FOR SINGLE, TWIN AND TANDEM WIRE, WITH 2" VACUUM HOSE UP TO 100 FT.



- SYSTEM ORDER LIST:**
- 1@ MM-1500X, MM-3000X, OR MM-5000X (VACUUM) (220,380-415,460, 575 VOLTS/3PH/50 OR 60 HZ.)
  - 1@ HAMX-50 (SEPARATOR)
  - 1@ HPT-100 (HEATED FLUX FEED TANK AVAILABLE IN 100, 300, 600 LBS. OR LARGER)
  - 1@ AFV2 (AUTOMATIC FLUX VALVE AND CONTROL)
  - 1@ MAGSEP-1 (MAGNETIC SEPARATOR)
  - 1@ FHM-1 OR FHM-1ADJ (HOSE MOUNTING BRACKET)
  - 1@ NZ-1, NZ-1 BUTT, OR NZ-1 CRN (NOZZLE FOR FLUX PICK-UP)
  - 1@ PRESSURE FEED HOSE (SEE NOTE B) (3/4" I.D. RECOMMENDED. 1/2", 3/4", 1" AVAILABLE)
  - 1@ 1 1/2" RECOVERY HOSE (5 FT. OR LONGER)
  - 1@ 2" VACUUM HOSE (LENGTH DETERMINED BY SYSTEM. SEE NOTE A.)

**NOTE B: FEED HOSE INSIDE DIAMETER CHANGES MAXIMUM FLUX FEED RATE AND FLUX FEED NOZZLE**

INSIDE DIA.	MAX FLUX FEED RATE	FLUX FEED NOZZLE
1/2"	1 1/2 LBS. (.68 KG./MIN.)	USE T-NOZ-1/2"
3/4"	4 TO 6 LBS. (1.81-2.72 KG./MIN.)	USE T-NOZ-3/4"
1"	6 TO 8 LBS. (2.72-3.63 KG./MIN.)	USE T-NOZ-1"

BASED ON AGGLOMERATED FLUX AND MAXIMUM HOSE LENGTH OF 50 FT. (CONSULT FACTORY FOR DETAILS)

**NOTE C: VFT-3000**

VFT-3000 ALLOWS VACUUM ADJUSTMENT. IF VACUUM IS REDUCED, FLUX PARTICLE SIZE DRAW BACK IS ALSO REDUCED.

BULLETIN: (PAGE 25) TB-MM708  
FILE: 25-HAMX~HAMX-50 PT-100 TB-DRT 7-18-2008.CAD  
REVISED: HAM 50 w PRESSURE FEED.CAD (12-3-1996 TB-MM294)  
WELD ENGINEERING CO., INC.  
DRT 9-8-2008