



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

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FIGURE HAMX-33

FIG. HAMX-33: HEATED AUTOMATIC RECOVERY SYSTEM

HEATED AND AUTOMATIC MIXING PRESSURE FEED AND RECOVER SYSTEM FOR CONTINUOUS FLUX FEED. MM-3000X/P OR MM-5000X/P VACUUM WITH FO-700HT-AB, HPFR-HAMX-3000-H300-H300, AND FH-1-LD-3 OR HEATED HFH-LD-3. (TYPICAL COMPONENT CONFIGURATION)

NOTE B: INSIDE DIAMETER OF THE FEED HOSE DETERMINES THE MAXIMUM FLUX FEED RATE AND FLUX FEED NOZZLE SIZE

INSIDE DIAMETER	MAX. 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"

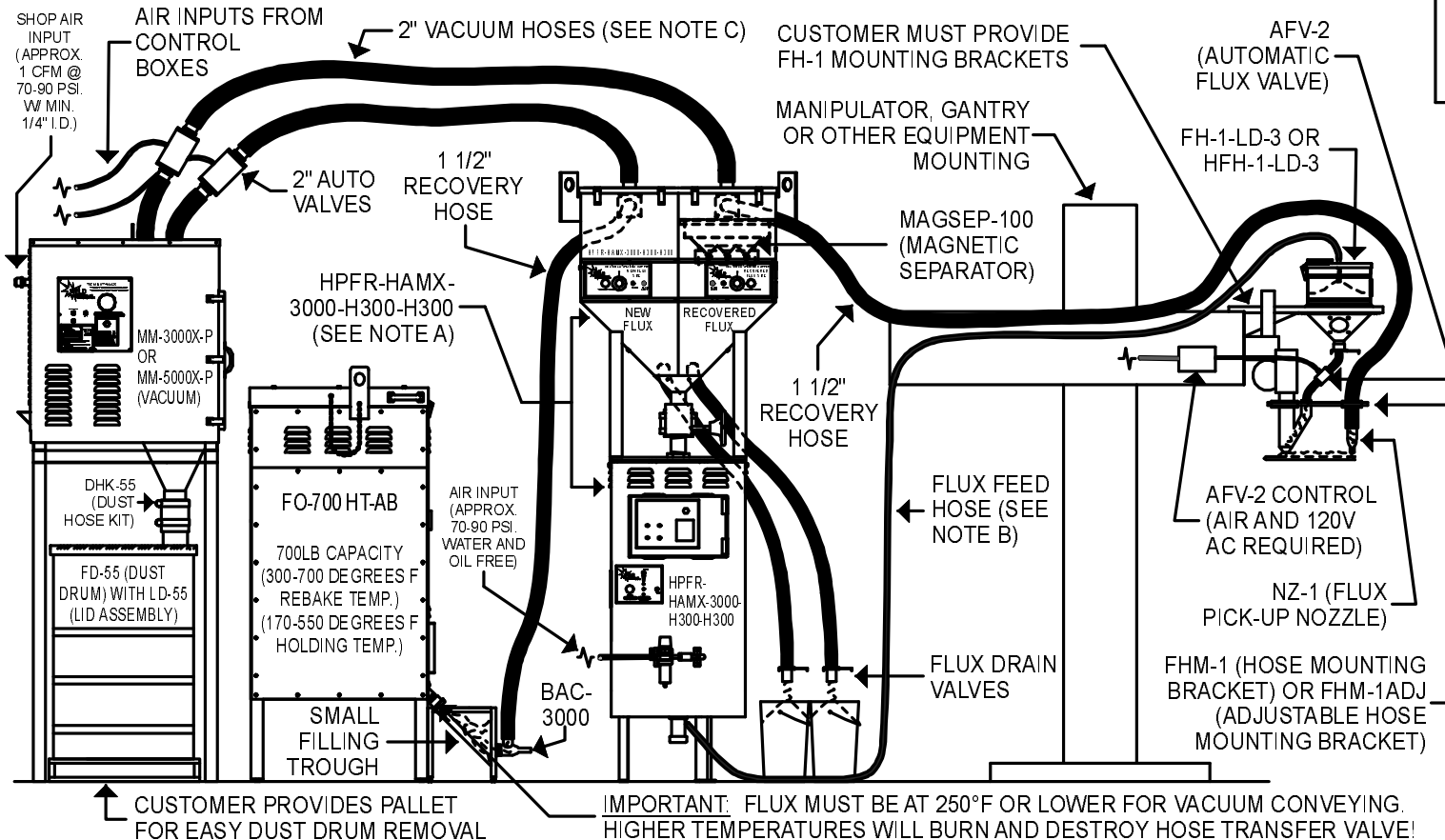
BASED ON AGGLOMERATED FLUX AND MAXIMUM HOSE LENGTH OF 50 FT. (CONSULT FACTORY FOR DETAILS)

NOTE A: HPFR-HAMX-3000-H300-H300

HPFR-HAMX-3000-H300-H300 IS A COMPLETE SYSTEM: HEATED AUTOMATIC MIXING SEPARATOR AND HEATED PRESSURE TANK WITH CONTROLS. ELECTRONIC LEVEL SENSORS ARE AVAILABLE FOR TANK AND HOPPER (i.e. IF TANK IS AT LOW LEVEL, A LOUD BUZZER SOUNDS AND LIGHT FLASHES).

NOTE C: MIGHTY-MAC VACUUM SELECTION

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



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)
- 1 @ HPFR-HAMX-3000-H300-H300 (HEATED PRESSURE FEED AND RECOVER SYSTEM WITH HEATED AUTOMATIC MIXING HOPPER/SEPARATOR)
- 1 @ ELECTRONIC LEVEL SENSOR (SEE NOTE A)
- 1 @ MAGSEP-100 (MAGNETIC SEPARATOR)
- 1 @ FO-700HT-AB (700LBS. HIGH TEMP. FLUX OVEN)
- 1 @ SMALL FILLING TROUGH
- 1 @ BAC-3000 (AIR CONTROL)
- 1 @ FH-1-LD-3 OR (HEATED) HFH-1-LD-3 (40LBS. HOPPER WITH PRESSURE FEED LID)
- 1 @ AFV-2 (AUTOMATIC FLUX VALVE AND CONTROL)
- 1 @ FHM-1 OR FHM-1ADJ (HOSE MOUNTING BRACKET)
- 1 @ NZ-1, NZ-1 BUTT, OR NZ-1 CRN (NOZZLE FOR FLUX PICK-UP)
- 2 @ 2" AUTO VALVES
- 1 @ FLUX FEED HOSE (SEE NOTE B) (3/4" I.D. RECOMMENDED. 1/2", 3/4", 1" AVAILABLE)
- 2 @ 1 1/2" RECOVERY HOSE
- 2 @ 2" VACUUM HOSE (SEE NOTE C)

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WELD ENGINEERING CO., INC.
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IMPORTANT: FLUX MUST BE AT 250°F OR LOWER FOR VACUUM CONVEYING. HIGHER TEMPERATURES WILL BURN AND DESTROY HOSE TRANSFER VALVE!