

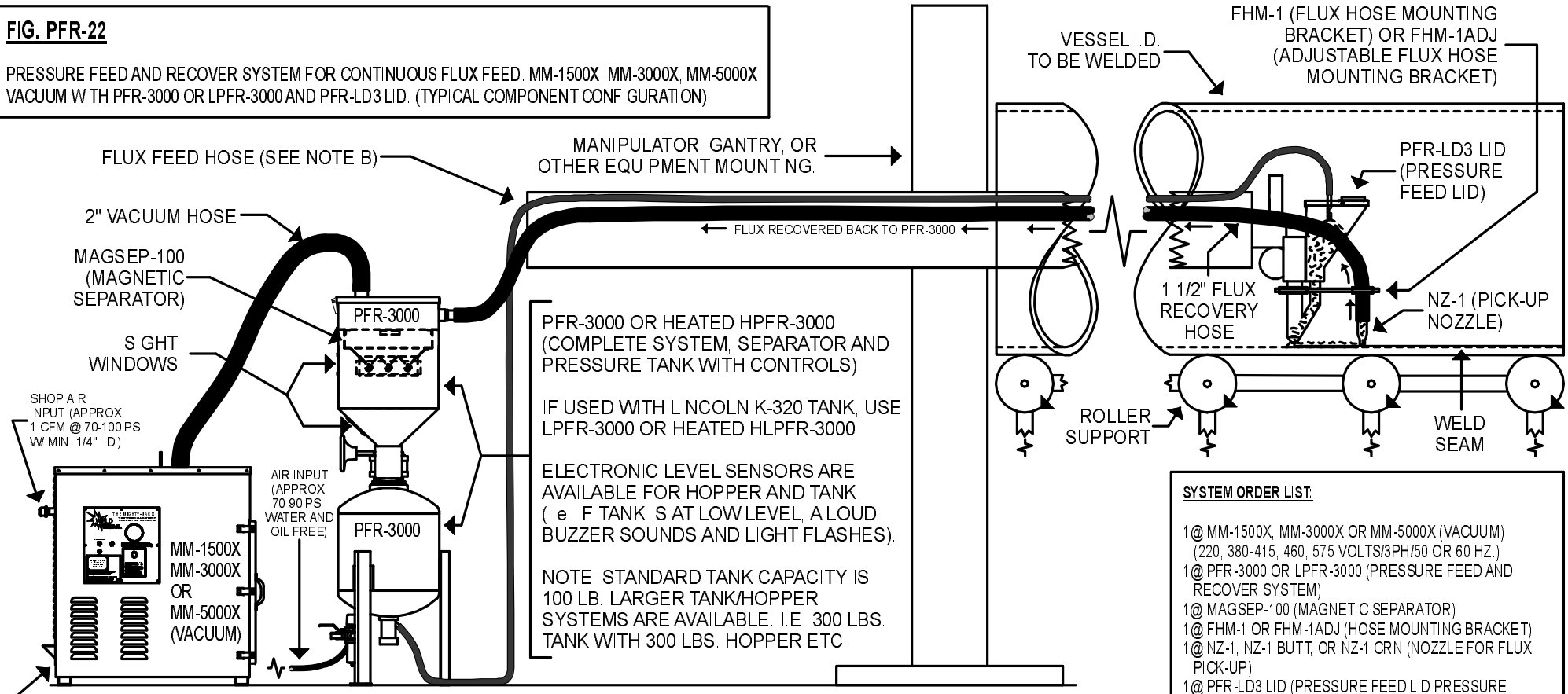
"MANUFACTURERS OF THE MOST COMPLETE LINE OF FLUX HANDLING EQUIPMENT IN THE WORLD"

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FIGURE PFR-22

FIG. PFR-22

PRESSURE FEED AND RECOVER SYSTEM FOR CONTINUOUS FLUX FEED. MM-1500X, MM-3000X, MM-5000X VACUUM WITH PFR-3000 OR LPFR-3000 AND PFR-LD3 LID. (TYPICAL COMPONENT CONFIGURATION)



PFR-3000 OR HEATED HPFR-3000 (COMPLETE SYSTEM, SEPARATOR AND PRESSURE TANK WITH CONTROLS)

IF USED WITH LINCOLN K-320 TANK, USE LPFR-3000 OR HEATED HLPFR-3000

ELECTRONIC LEVEL SENSORS ARE AVAILABLE FOR HOPPER AND TANK (i.e. IF TANK IS AT LOW LEVEL, A LOUD BUZZER SOUNDS AND LIGHT FLASHES).

NOTE: STANDARD TANK CAPACITY IS 100 LB. LARGER TANK/HOPPER SYSTEMS ARE AVAILABLE. I.E. 300 LBS. TANK WITH 300 LBS. HOPPER ETC.

- SYSTEM ORDER LIST:**
- 1@ MM-1500X, MM-3000X OR MM-5000X (VACUUM) (220, 380-415, 460, 575 VOLTS/3PH/50 OR 60 HZ.)
 - 1@ PFR-3000 OR LPFR-3000 (PRESSURE FEED AND RECOVER SYSTEM)
 - 1@ MAGSEP-100 (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@ PFR-LD3 LID (PRESSURE FEED LID PRESSURE FEEDS FLUX TO HOPPER)
 - 1@ PRESSURE FEED HOSE (SEE NOTE B) (3/4" I.D. RECOMMENDED, 1/2", 3/4", 1" AVAILABLE)
 - 1@ T-NOZ-3/4" OR T-NOZ-1" IF USING LINCOLN K-320 TANK
 - 1@ ELECTRONIC LEVEL SENSORS (SEE NOTES)
 - 1@ 1 1/2" RECOVERY HOSE
 - 1@ 2" VACUUM HOSE (SEE NOTE A)

HEAVY DUST REMOVAL:
FOR HEAVY DUST REMOVAL, USE MM-1500X/P, MM-3000X/P, OR MM-5000X/P

NOTE A: MIGHTY-MAC 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.

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

<u>INSIDE DIAMETER</u>	<u>MAX. FEED RATE</u>	<u>FLUX FEED NOZZLE</u>
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)

BULLETIN: (PAGE 22) TB-MM708
FILE: 22-PFR~ PFR3000 MM-X TB-DRT 7-15-2008.CAD
REVISED: PFRSYS.DWG (6-15-1994 TB-MM294)
WELD ENGINEERING CO., INC.
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