



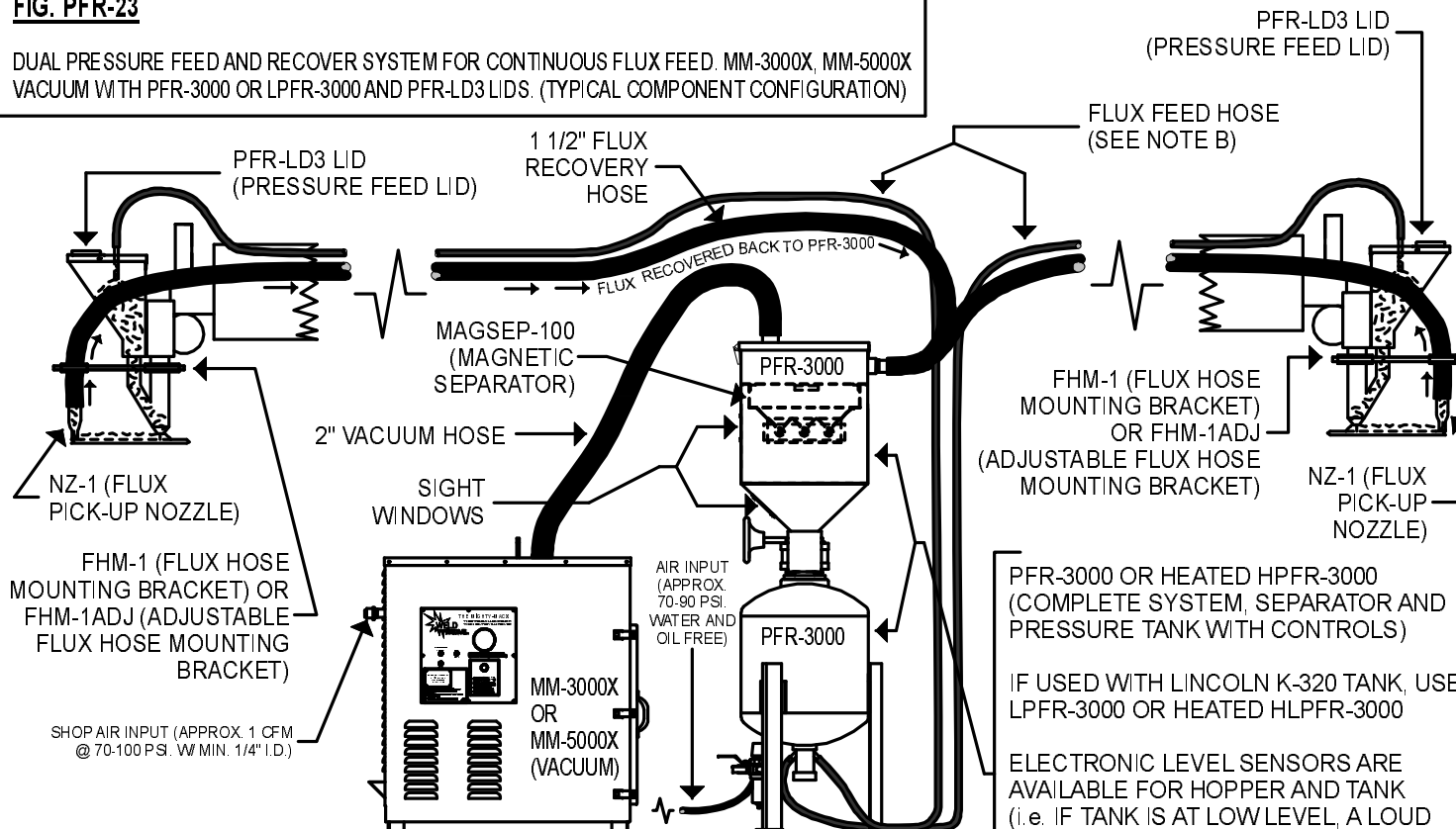
"MANUFACTURERS OF THE MOST COMPLETE LINE OF FLUX HANDLING EQUIPMENT IN THE WORLD"

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## FIGURE PFR-23

**FIG. PFR-23**

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



### HEAVY DUST REMOVAL:

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

**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: MIGHTY-MAC VACUUM SELECTION

#### USE MM-3000X FOR...

- 50/60 HZ. POWER INSTALLATIONS
- SINGLE WIRE WELDING ON EACH HEAD
- MAXIMUM 2" VACUUM HOSE PER HEAD IS 30 FT.
- MAXIMUM 1 1/2" RECOVERY HOSE PER HEAD IS 25 FT.

#### USE MM-5000X FOR...

- 50 HZ. POWER INSTALLATIONS WITH 2" VACUUM HOSE MAXIMUM OF 30 FT. PER HEAD
- 60 HZ. WITH 2" VACUUM HOSE OVER 50 FT. PER HEAD (CONSULT FACTORY FOR MAXIMUM LENGTH)
- 1 1/2" RECOVERY HOSE OVER 25 FT. PER HEAD (CONSULT FACTORY FOR MAXIMUM LENGTH)
- TWIN ARC WELDING EACH HEAD (NOT TANDEM)

#### NOTE:

- DUAL SYSTEM NOT RECOMMENDED FOR TANDEM OR TRIPLE HEADS. USE ONE MM-3000X OR MM-5000X PER TANDEM APPLICATION.
- MM-1500X NOT RECOMMENDED FOR DUAL STATION.

### SYSTEM ORDER LIST:

- 1 @ 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)
- 2 @ FHM-1 OR FHM-1ADJ (HOSE MOUNTING BRACKET)
- 2 @ NZ-1, NZ-1 BUTT, OR NZ-1 CRN (NOZZLE FOR FLUX PICK-UP)
- 2 @ PFR-LD3 LID (PRESSURE FEED LID PRESSURE FEEDS FLUX TO HOPPER)
- 2 @ PRESSURE FEED HOSE (SEE NOTE B)  
(3/4" I.D. RECOMMENDED, 1/2", 3/4", 1" AVAILABLE)
- 2 @ T-NOZ-3/4" OR T-NOZ-1" IF USING LINCOLN K-320 TANK
- 1 @ ELECTRONIC LEVEL SENSORS (SEE NOTES)
- 2 @ 1 1/2" RECOVERY HOSE
- 1 @ 2" VACUUM HOSE (SEE NOTE A)

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