



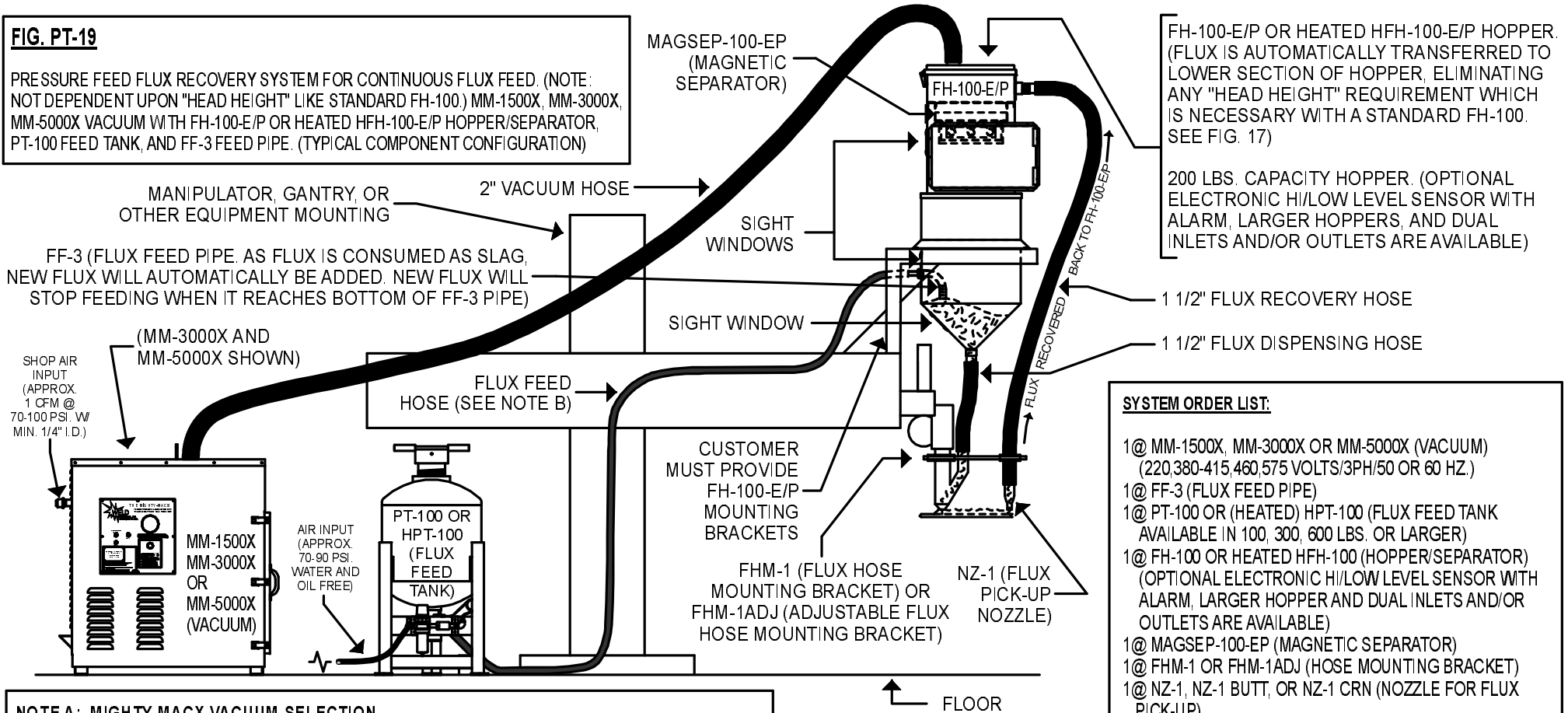
"MANUFACTURERS OF THE MOST COMPLETE LINE OF FLUX HANDLING EQUIPMENT IN THE WORLD"

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**FIGURE PT-19**

**FIG. PT-19**

PRESSURE FEED FLUX RECOVERY SYSTEM FOR CONTINUOUS FLUX FEED. (NOTE: NOT DEPENDENT UPON "HEAD HEIGHT" LIKE STANDARD FH-100.) MM-1500X, MM-3000X, MM-5000X VACUUM WITH FH-100-E/P OR HEATED HFH-100-E/P HOPPER/SEPARATOR, PT-100 FEED TANK, AND FF-3 FEED PIPE. (TYPICAL COMPONENT CONFIGURATION)



FH-100-E/P OR HEATED HFH-100-E/P HOPPER. (FLUX IS AUTOMATICALLY TRANSFERRED TO LOWER SECTION OF HOPPER, ELIMINATING ANY "HEAD HEIGHT" REQUIREMENT WHICH IS NECESSARY WITH A STANDARD FH-100. SEE FIG. 17)

200 LBS. CAPACITY HOPPER. (OPTIONAL ELECTRONIC HI/LOW LEVEL SENSOR WITH ALARM, LARGER HOPPERS, AND DUAL INLETS AND/OR OUTLETS ARE AVAILABLE)

- SYSTEM ORDER LIST:**
- 1@ MM-1500X, MM-3000X OR MM-5000X (VACUUM) (220,380-415,460,575 VOLTS/3PH/50 OR 60 HZ.)
  - 1@ FF-3 (FLUX FEED PIPE)
  - 1@ PT-100 OR (HEATED) HPT-100 (FLUX FEED TANK AVAILABLE IN 100, 300, 600 LBS. OR LARGER)
  - 1@ FH-100 OR HEATED HFH-100 (HOPPER/SEPARATOR) (OPTIONAL ELECTRONIC HI/LOW LEVEL SENSOR WITH ALARM, LARGER HOPPER AND DUAL INLETS AND/OR OUTLETS ARE AVAILABLE)
  - 1@ MAGSEP-100-EP (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@ FLUX FEED HOSE (SEE NOTE B) (3/4" I.D. RECOMMENDED. 1/2", 3/4", 1" AVAILABLE)
  - 1@ 1 1/2" RECOVERY HOSE (TYPICAL IS 15 FT. LONG)
  - 1@ 1 1/2" DISPENSING HOSE (TYPICAL IS 5 FT. LONG)
  - 1@ 2" VACUUM HOSE (LENGTH DETERMINED BY SYSTEM. SEE NOTE A)

**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.

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

| INSIDE DIAMETER | 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)

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