**FIG. HAMX-27**

HEATED AND AUTOMATIC MIXING PRESSURE FEED AND RECOVER SYSTEM FOR CONTINUOUS FLUX FEE D. MM-1500X, MM-3000X, MM-5000X VACUUM WITH HPFR-HAMX-3000-H100-H100 AND PFR-LD3 LID. (TYPICAL COMPONENT CONFIGURATION)

- **Manipulator, Gantry, or Other Equipment Mounting.**
- **2” Vacuum Hose**
- **MAGSEP-1 (Magnetic Separator)**
- **HPFR-HAMX-3000-H100-H100 (Complete System, Heated Automatic Mixing Separator and Heated Pressure Tank with Controls)**
- **Electronic Level Sensor (Shown) is Available for Tank (i.e., If Tank is at Low Level, a Loud Buzzer Sounds and Light Flashes).**
- **Roller Support**
- **1 1/2” Flux Recovery Hose**
- **Weld Seam**

**System Order List:**
1. @ MM-1500X, MM-3000X OR MM-5000X (VACUUM)
2. @ 20, 380-415, 480, 575 Volts3PH/50 OR 60 HZ.
3. @ HPFR-HAMX-3000-H100-H100 (Heated Pressure Feed and Recover System with Heated Automatic Mixing Hopper/separator)
4. @ MAGSEP-1 (Magnetic Separator)
5. @ FHM-1 OR FHM-1ADJ (HOSE MOUNTING BRACKET)
6. @ NZ-1 (Pick-Up Nozzle)
7. @ PFR-LD3 LID (PRESSURE FEED LID)
8. @ FLUX FEED HOSE (SEE NOTE B)
9. @ 1/2” FLUX FEED NOZZLE (SEE NOTE A)
10. @ FLUX FEED NOZZLE (PRESSURE FEED FLUX TO HOPPER)

**Figure Notes:**
1. **NOTE A:** ELECTRONIC LEVEL SENSOR (SEE NOTES)
2. **NOTE B:** INSIDE DIAMETER OF THE FEED HOSE DETERMINES THE MAXIMUM FLUX FEED RATE AND FLUX FEED NOZZLE SIZE

<table>
<thead>
<tr>
<th>Inside Diameter</th>
<th>Max Feed Rate</th>
<th>Flux Feed Rate</th>
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<tbody>
<tr>
<td>1/2”</td>
<td>4 TO 6 LBS. (1.81-2.72 KG.)/MIN.</td>
<td>USE T-NOZ-1/2”</td>
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<tr>
<td>3/4”</td>
<td>6 TO 8 LBS. (2.72-3.63 KG.)/MIN.</td>
<td>USE T-NOZ-3/4”</td>
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<tr>
<td>1”</td>
<td></td>
<td>USE T-NOZ-1”</td>
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Based on Agglomerated Flux and Maximum Hose Length of 50 FT. (Consult Factory for Details)