**FIGURE MMX-13**

**SMALL TANK OR ROLL BUILD-UP, DUAL WELDING STATION**

**FLUX RECOVERY SYSTEM, MIGHTY-MAC 3000X OR 5000X VACUUM WITH 2@ FH-100 OR FH-100 HOPPER/SEPARATORS. (TYPICAL CONFIGURATION)**

### IMPORTANT NOTES:

1. VACUUM HOSES MUST BE APPROXIMATELY EQUAL LENGTHS. (I.E. 2 @ 25 FT.)
2. RECOVERY HOSES MUST BE APPROXIMATELY EQUAL LENGTHS. (I.E. 2 @ 15 FT.)

### HEAVY DUST REMOVAL:

For optimal heavy dust removal, order Teflon coated filters.

**CUSTOMER MUST PROVIDE FH-100 MOUNTING BRACKETS**

**SYSTEM ORDER LIST:**

1. FH-100 OR HEATED FH-100 HOPPER. 200 LBS. CAPACITY (OPTIONAL ELECTRONIC HIGH/LOW LEVEL SENSOR WITH ALARM, LARGER HOPPERS, DUAL INLETS AND/OR DUAL OUTLETS ARE AVAILABLE)
2. MM-3000X OR MM-5000X (VACUUM)
3. FT-100 (FLUX TROUGH)
4. FM-3000X (FLUX CONTROL VALVE)
5. VL-3000 (FLUX SHUT OFF VALVE)
6. FCV-3000 (FLUX CONTROL VALVE)
7. MAGSEP-100 (MAGNETIC SEPARATOR)
8. FT-100 (FLUX TROUGH)
9. BAC-3000 (AIR CONTROL)
10. SLAG TRAY
11. SHOP AIR INPUT APPROX. 1 CFM @ 70-100 PSI W/ MIN. 1/4" L/D.
12. FH-100 OR HEATED FH-100 HOPPER/SEPARATOR
13. (OPTIONAL ELECTRONIC HIGH/LOW LEVEL SENSOR WITH ALARM, LARGER HOPPERS, DUAL INLETS AND/OR DUAL OUTLETS ARE AVAILABLE)
14. MAGSEP-100 (MAGNETIC SEPARATOR)
15. FT-100 (FLUX TROUGH)
16. BAC-3000 (AIR CONTROL)
17. VL-3000 (VACUUM SHUT OFF VALVE)
18. FCV-3000 (FLUX CONTROL VALVE)
19. 1 1/2" PRESSURE HOSE (TYPICAL IS 10 FT. LONG)
20. 1 1/2" RECOVERY HOSE (SEE IMPORTANT NOTE #2)
21. 2" VACUUM HOSE (SEE IMPORTANT NOTE #1)
22. SHOP AIR INPUT APPROX. 1 CFM @ 70-100 PSI W/ MIN. 1/4" L/D.

**NOTE:**

1. FH-100 OR HEATED FH-100 HOPPER. 200 LBS. CAPACITY (OPTIONAL ELECTRONIC HIGH/LOW LEVEL SENSOR WITH ALARM, LARGER HOPPERS, DUAL INLETS AND/OR DUAL OUTLETS ARE AVAILABLE)
2. MM-3000X OR MM-5000X (VACUUM)
3. FT-100 (FLUX TROUGH)
4. FM-3000X (FLUX CONTROL VALVE)
5. VL-3000 (FLUX SHUT OFF VALVE)
6. FCV-3000 (FLUX CONTROL VALVE)
7. MAGSEP-100 (MAGNETIC SEPARATOR)
8. FT-100 (FLUX TROUGH)
9. BAC-3000 (AIR CONTROL)
10. VL-3000 (VACUUM SHUT OFF VALVE)
11. FCV-3000 (FLUX CONTROL VALVE)
12. 1 1/2" PRESSURE HOSE (TYPICAL IS 10 FT. LONG)
13. 1 1/2" RECOVERY HOSE (SEE IMPORTANT NOTE #2)
14. 2" VACUUM HOSE (SEE IMPORTANT NOTE #1)

**FILE:** 13MMX-2 FH-100 BN-TBS-0129 07-21-2008.CAD

**REVISED:** TB/MMX294 FH100BN.CAD (7-16-1996 TB/MMX294)

**WELD ENGINEERING CO., INC.**

**DRT 5-12-2009**