



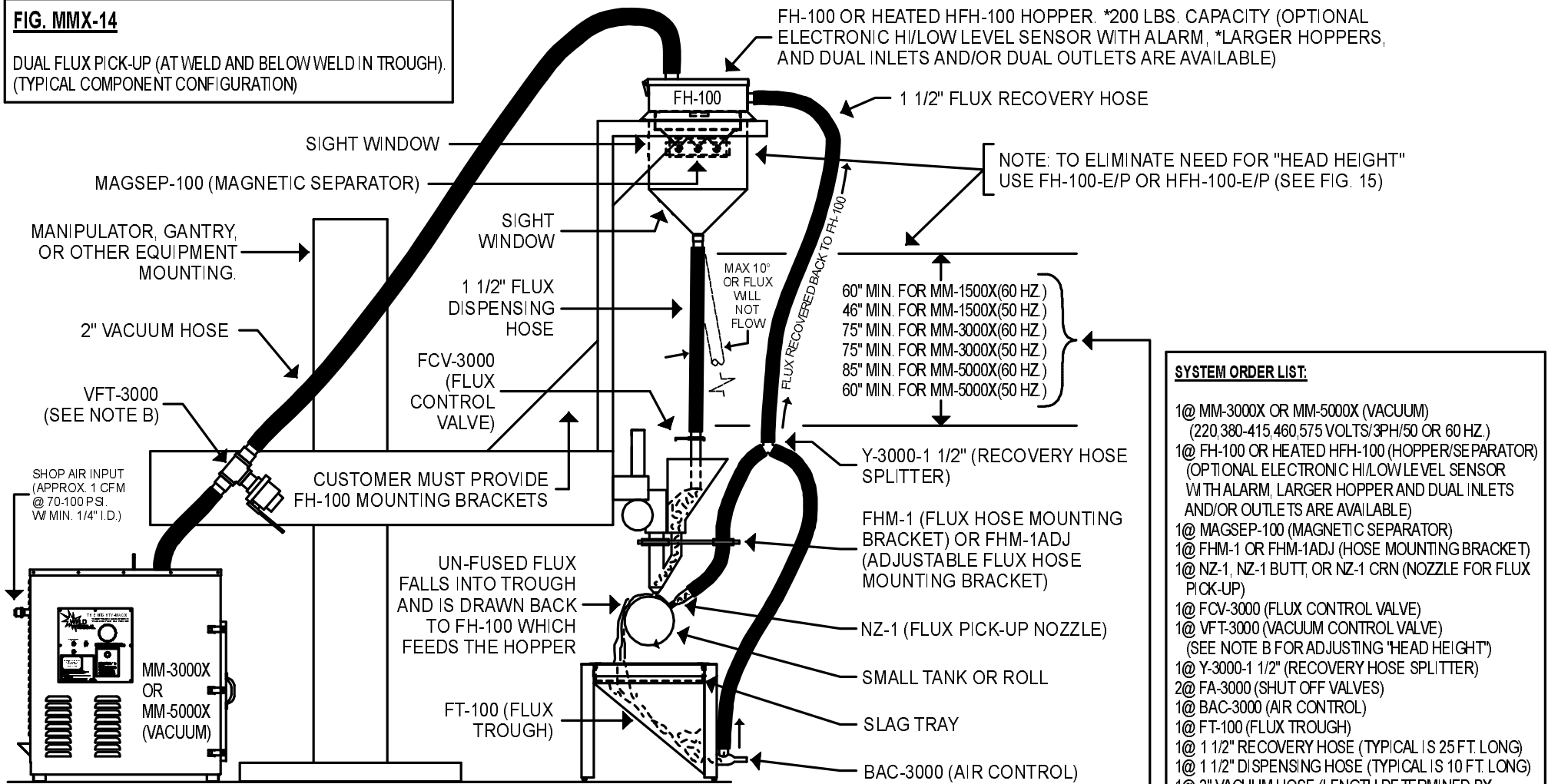
"MANUFACTURERS OF THE MOST COMPLETE LINE OF FLUX HANDLING EQUIPMENT IN THE WORLD"

34 FRUIT STREET  
SHREWSBURY, MA 01545 (U.S.A.)  
TELEPHONE: (508) 842-2224  
FAX: (508) 842-3893  
WEBSITE:  
WWW.WELDENGINEERING.COM  
EMAIL:  
SALES@WELDENGINEERING.COM

## FIGURE MMX-14

**FIG. MMX-14**

DUAL FLUX PICK-UP (AT WELD AND BELOW WELD IN TROUGH),  
(TYPICAL COMPONENT CONFIGURATION)



FH-100 OR HEATED HFH-100 HOPPER. \*200 LBS. CAPACITY (OPTIONAL ELECTRONIC HI/LOW LEVEL SENSOR WITH ALARM, \*LARGER HOPPERS, AND DUAL INLETS AND/OR DUAL OUTLETS ARE AVAILABLE)

1 1/2" FLUX RECOVERY HOSE

[ NOTE: TO ELIMINATE NEED FOR "HEAD HEIGHT" USE FH-100-E/P OR HFH-100-E/P (SEE FIG. 15)

SIGHT WINDOW  
MAGSEP-100 (MAGNETIC SEPARATOR)

MANIPULATOR, GANTRY,  
OR OTHER EQUIPMENT  
MOUNTING.

SIGHT WINDOW

2" VACUUM HOSE

1 1/2" FLUX  
DISPENSING  
HOSE

MAX 10"  
OR FLUX  
WILL  
NOT  
FLOW

FCV-3000  
(FLUX  
CONTROL  
VALVE)

60" MIN. FOR MM-1500X(60 HZ.)  
46" MIN. FOR MM-1500X(50 HZ.)  
75" MIN. FOR MM-3000X(60 HZ.)  
75" MIN. FOR MM-3000X(50 HZ.)  
85" MIN. FOR MM-5000X(60 HZ.)  
60" MIN. FOR MM-5000X(50 HZ.)

VFT-3000  
(SEE NOTE B)

SHOP AIR INPUT  
(APPROX. 1 CFM  
@ 70-100 P.S.I.  
W/ MIN. 1/4" I.D.)

CUSTOMER MUST PROVIDE  
FH-100 MOUNTING BRACKETS

Y-3000-1 1/2" (RECOVERY HOSE  
SPLITTER)

FHM-1 (FLUX HOSE MOUNTING  
BRACKET) OR FHM-1ADJ  
(ADJUSTABLE FLUX HOSE  
MOUNTING BRACKET)

UN-FUSED FLUX  
FALLS INTO TROUGH  
AND IS DRAWN BACK  
TO FH-100 WHICH  
FEEDS THE HOPPER

NZ-1 (FLUX PICK-UP NOZZLE)

SMALL TANK OR ROLL

FT-100 (FLUX  
TROUGH)

SLAG TRAY

BAC-3000 (AIR CONTROL)

### SYSTEM ORDER LIST:

- 1@ MM-3000X OR MM-5000X (VACUUM)  
(220,380-415,460,575 VOLTS/3PH/50 OR 60 HZ.)
- 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 (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@ FCV-3000 (FLUX CONTROL VALVE)
- 1@ VFT-3000 (VACUUM CONTROL VALVE)  
(SEE NOTE B FOR ADJUSTING "HEAD HEIGHT")
- 1@ Y-3000-1 1/2" (RECOVERY HOSE SPLITTER)
- 2@ FA-3000 (SHUT OFF VALVES)
- 1@ BAC-3000 (AIR CONTROL)
- 1@ FT-100 (FLUX TROUGH)
- 1@ 1 1/2" RECOVERY HOSE (TYPICAL IS 25 FT. LONG)
- 1@ 1 1/2" DISPENSING HOSE (TYPICAL IS 10 FT. LONG)
- 1@ 2" VACUUM HOSE (LENGTH DE TERMINED BY  
SYSTEM. SEE NOTE A)

### NOTE A: MIGHTY-MACX VACUUM SELECTION

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: VFT-3000

VFT-3000 ALLOWS VACUUM  
ADJUSTMENT. IF VACUUM IS REDUCED,  
ABOVE HEIGHT REQUIREMENTS FOR  
FH-100 MAY ALSO BE REDUCED.

BULLETIN: (PAGE 14) TB-MM708  
FILE: 14-MMX~ FH-100 NOZ BN TB-DRT 7-14-2008.CAD  
REVISED: NOZ-BIN.CAD (7-16-1996 TB-MM294)  
WELD ENGINEERING CO., INC  
DRT 5-12-2009