



"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-13

FIG. 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 HFH-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.)

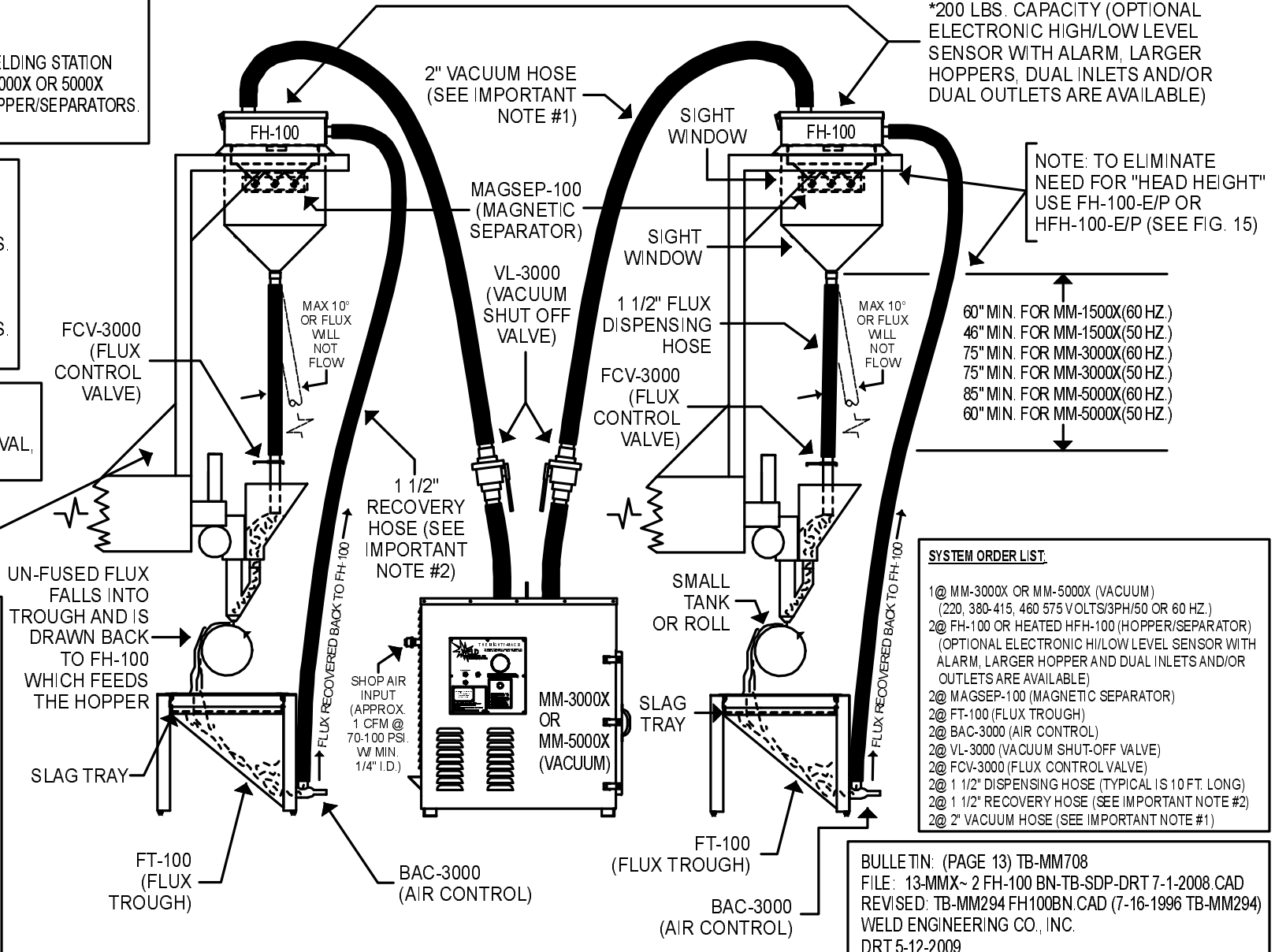
HEAVY DUST REMOVAL:

FOR OPTIMAL HEAVY DUST REMOVAL, ORDER TEFLON COATED FILTERS.

CUSTOMER MUST PROVIDE FH-100 MOUNTING BRACKETS

MIGHTY-MAC VACUUM SELECTION:

- USE MM-3000X FOR...
- A) 50/60 HZ. POWER INSTALLATIONS
 - B) SINGLE WIRE WELDING ON EACH HEAD
 - C) MAXIMUM 2" VACUUM HOSE PER HEAD IS 30 FT.
 - D) MAXIMUM 1 1/2" RECOVERY HOSE PER HEAD IS 25 FT.
- USE MM-5000X FOR...
- A) 50 HZ. POWER INSTALLATIONS WITH 2" VACUUM HOSE MAXIMUM OF 30 FT. PER HEAD
 - B) 60 HZ. WITH 2" VACUUM HOSE OVER 50 FT. PER HEAD (CONSULT FACTORY FOR MAXIMUM LENGTH)
 - C) 1 1/2" RECOVERY HOSE OVER 25 FT. PER HEAD (CONSULT FACTORY FOR MAXIMUM LENGTH)
 - D) TWIN ARC WELDING EACH HEAD (NOT TANDEM)
- NOTE:
- 1) DUAL SYSTEM NOT RECOMMENDED FOR TANDEM OR TRIPLE HEADS. USE ONE MM-3000X OR MM-5000X PER TANDEM APPLICATION.
 - 2) MM-1500X NOT RECOMMENDED FOR DUAL STATION.



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

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

- 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.)

SYSTEM ORDER LIST:

- 1@ MM-3000X OR MM-5000X (VACUUM) (220, 380-415, 460 575 VOLTS/3PH/50 OR 60 HZ.)
- 2@ 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)
- 2@ MAGSEP-100 (MAGNETIC SEPARATOR)
- 2@ FT-100 (FLUX TROUGH)
- 2@ BAC-3000 (AIR CONTROL)
- 2@ VL-3000 (VACUUM SHUT-OFF VALVE)
- 2@ FCV-3000 (FLUX CONTROL VALVE)
- 2@ 1 1/2" DISPENSING HOSE (TYPICAL IS 10 FT. LONG)
- 2@ 1 1/2" RECOVERY HOSE (SEE IMPORTANT NOTE #2)
- 2@ 2" VACUUM HOSE (SEE IMPORTANT NOTE #1)

BULLETIN: (PAGE 13) TB-MM708
FILE: 13-MMX~2 FH-100 BN-TB-SDP-DRT 7-1-2008.CAD
REVISED: TB-MM294 FH100BN.CAD (7-16-1996 TB-MM294)
WELD ENGINEERING CO., INC.
DRT 5-12-2009