1) DO NOT RESTRICT AIR FLOW AT PICK-UP NOZZLE. ALLOW AT LEAST 50% AIR TO RECOVER FLUX. (OVERLOAD RESET MAY TRIP WHEN FLOW IS RESTRICTED.) VACUUM WILL AUTOMATICALLY RESTART WHEN IT COOLS DOWN.

2) EMPTY DUST DRAWER ON A REGULAR BASIS. INTERVAL WILL VARY WITH USAGE. (TYPICAL IS ONCE A WEEK.)

3) DO NOT OVERFILL AUXILIARY SEPARATOR (i.e., FH-100, MS-1, PF-3000, etc.). THIS WILL CAUSE REUSABLE FLUX TO BE DRAWN INTO DUST DRAWER.

4.5 20

OPERATING INSTRUCTIONS

MIGHTY-MAC

THE E TREME VACUUM SYSTEM FOR TOUGH, HEAVY-DUTY FLUX RECOVERY

RUNNING LIGHT OFF FUSE ON MANUAL CLEAN REPEAT AS NECESSARY.

MODEL: POWER INPUT: SERIAL NUMBER
M-5000X 5HP 3PH

EXCELLENCE SINCE 1979

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-10

GRAVITY FEED SYSTEM FOR CONTINUOUS FLUX FEED. MM-1500X/P, MM-3000X/P, MM-5000X/P VACUUM WITH FH-100 OR HEATED HFH-100 HOPPER/SEPARATOR. (TYPICAL COMPONENT CONFIGURATION)

SYSTEM ORDER LIST:
1@ MM-1500X/P/MM-3000X/P OR MM-5000X/P (VACUUM)
2@ FD-55 (DUST DRUM) WITH LD-55 (LID ASSEMBLY)
1@ FH-100 OR HEATED HFH-100 (HOPPER/SEPARATOR)
1@ MAGSEP-100 (MAGNETIC SEPARATOR)
1@ MAGSEP-100 (MAGNETIC SEPARATOR)
1@ NZ-1 (FLUX PICK-UP NOZZLE)
1@ FCV-3000 (FLUX CONTROL VALVE)
1@ VFT-3000 (VACUUM CONTROL VALVE) (SEE NOTE B FOR ADJUSTING "HEAD HEIGHT")
1@ MM-1500X/P, MM-3000X/P, OR MM-5000X/P STAND
1@ DHK-55 (DUST HOSE KIT)
1@ FHM-1 OR FHM-1ADJ (FLUX HOSE MOUNTING BRACKET)
1@ FHM-1 OR FHM-1ADJ (FLUX HOSE MOUNTING BRACKET)
1@ FCV-3000 (FLUX CONTROL VALVE)
1@ VFT-3000 (VACUUM CONTROL VALVE)
1@ NZ-1, NZ-1 BUTT, OR NZ-1 CN (NOZZLE FOR FLUX PICK-UP)
1@ NZ-1, NZ-1 BUTT, OR NZ-1 CN (NOZZLE FOR FLUX PICK-UP)
1@ NZ-1, NZ-1 BUTT, OR NZ-1 CN (NOZZLE FOR FLUX PICK-UP)
1@ NZ-1, NZ-1 BUTT, OR NZ-1 CN (NOZZLE FOR FLUX PICK-UP)
1@ 1 1/2" FLUX RECOVERY HOSE

NOTE A: MIGHTY-MAC VACUUM SELECTION

MM-1500X/P FOR SINGLE AND TWIN WIRE, WITH 2" VACUUM HOSE UP TO 35 FT.
MM-3000X/P FOR SINGLE, TWIN AND TANDEM WIRE, WITH 2" VACUUM HOSE UP TO 50 FT.
MM-5000X/P 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.

Shop Air Input (Approx. 1 CFM @ 70-100 PSI. With Min. 1/4" I.D.)

Gravity Feed System for Continuous Flux Feed. MM-1500X/P, MM-3000X/P, MM-5000X/P Vacuum with FH-100 or Heated HFH-100 Hopper/separator. (Typical Component Configuration)

Customer must provide FH-100 mounting brackets.

Customer provides pallet for easy dust drum removal.

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

Floor Max 10° or flux will not flow.

Sight Window

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)

System Order List:
1@ MM-1500X/P/MM-3000X/P OR MM-5000X/P (VACUUM)
2@ FD-55 (DUST DRUM) WITH LD-55 (LID ASSEMBLY)
1@ FH-100 OR HEATED HFH-100 (HOPPER/SEPARATOR)
1@ MAGSEP-100 (MAGNETIC SEPARATOR)
1@ MAGSEP-100 (MAGNETIC SEPARATOR)
1@ NZ-1 (FLUX PICK-UP NOZZLE)
1@ NZ-1, NZ-1 BUTT, OR NZ-1 CN (NOZZLE FOR FLUX PICK-UP)
1@ FCV-3000 (FLUX CONTROL VALVE)
1@ VFT-3000 (VACUUM CONTROL VALVE)