FIG. SPS-2

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

MANIPULATOR, GANTRY, OR OTHER EQUIPMENT MOUNTING.

MAGSEP-100 (MAGNETIC SEPARATOR)

SHOP AIR INPUT

APPROX. 1 CFM

@ 70-100 PSI.

W/ MIN. 1/4" I.D.

FLOOR

SPS-1500, SPS-3000, OR SPS-5000 (SPS-3000 AND SPS-5000 SHOWN)

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

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

FH M-1 (FLUX HOSE MOUNTING BRACKET)

NOTE B: VFT-3000

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

SYSTEM ORDER LIST:

1@ SPS-1500, SPS-3000 OR SPS-5000 (VACUUM)

(220, 380-415, 460, 575 VOLTS/3PH/50 OR 60 HZ.)

1@ FH-100 OR HEATED FH-100 (HOPPER/SEPARATOR)

(OPTIONAL ELECTRONIC HI/LOW LEVEL SENSOR WITH ALARM, LARGER HOPPERS AND DUAL INLETS AND/OR DUAL 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"

NOTE A: SPS VACUUM SELECTION:

SPS-1500 FOR SINGLE AND TWIN WIRE, WITH 2' VACUUM HOSE UP TO 35 FT.

SPS-3000 FOR SINGLE, TWIN AND TANDEM WIRE, WITH 2' VACUUM HOSE UP TO 50 FT.

SPS-5000 FOR SINGLE, TWIN AND TANDEM WIRE, WITH 2' VACUUM HOSE UP TO 100 FT.