**FIG. 5**

SUPER-AP-1 FLUX-VAC MOUNTED TO LINCOLN OR OTHER O.E.M. AUTOMATIC WELDING EQUIPMENT.

- AIR IN 70-90 PSI
- OPTIONAL DC-30 DUST COLLECTOR CAN BE USED IN PLACE OF DUST BAG.
- SUPER-AP-1 (FLUX-VAC)
- MAGSEP-1 (OPTIONAL MAGNETIC SEPARATOR)
- 1 1/2" FLUX RECOVERY HOSE (INCLUDED)
- HOPPER TO SUPER-AP-1 MOUNTING BRACKETS (INCLUDED)
- LINCOLN OR OTHER O.E.M. HOPPER (USE MADP-1 ADAPTER FOR OLD MILLER HOPPER)
- FP-1 (OPTIONAL FLUX PORT. SIDE VIEW)
- FHM-1 (OPTIONAL LINEAR ADJUSTMENT HOSE MOUNTING BRACKET)
- FHM-1ADJ (OPTIONAL LINEAR AND ANGULAR ADJUSTMENT HOSE MOUNTING BRACKET)
- NZ-1 (FLUX PICK-UP NOZZLE INCLUDED)

**NOTE A:** MOUNTING FRAME

CUSTOMER PROVIDES MOUNTING FRAME FROM FLUX HOPPER TO WELDING HEAD.

**RECOMMENDED SYSTEM ORDER LIST:**

1) SUPER-AP-1 (FLUX-VAC) INCLUDED WITH SUPER-AP-1 AT NO EXTRA COST:
   A) 1 1/2" FLUX RECOVERY HOSE (5FT. LONG).
   B) HOPPER TO AP-1 MOUNTING BRACKETS.
   C) NZ-1 (FLUX PICK-UP NOZZLE).
   D) 2 HOPPER SIGHT WINDOWS.

2) OPTIONAL HOSE MOUNTING BRACKETS:
   FH-1 (LINEAR ADJUSTMENT ONLY)
   FH-1ADJ (LINEAR AND ANGULAR ADJUSTMENT).

3) OPTIONAL FP-1 (FLUX PORT ENABLES LOADING OF FLUX WITHOUT INTERRUPTING WELDING).

4) OPTIONAL MADP-1 (ADAPTER PLATE USED ONLY IF MOUNTING ON OLD MILLER HOPPER).

5) OPTIONAL MAGSEP-1 (MAGNETIC SEPARATOR).

6) OPTIONAL FLUX PICK-UP NOZZLES:
   NZ-1 CRN (CORNER NOZZLE)
   NZ-1 BUTT (BUTT NOZZLE)

7) OPTIONAL PA-4 (ELECTRIC AIR VALVE. 115VAC, 220VAC, AND OTHER VOLTAGES AVAILABLE).

8) OPTIONAL DC-30 (DUST COLLECTOR USED IN PLACE OF DUST BAG FOR GREATER CAPACITY AND LESS MAINTENANCE).

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**FIG. 6**

SUPER-AP-1 FLUX-VAC MOUNTED TO OPTIONAL FH-1 OR HEATED HFH-1 FLUX HOPPER. (40 LBS. CAPACITY)

- AIR IN 70-90 PSI
- OPTIONAL DC-30 DUST COLLECTOR CAN BE USED IN PLACE OF DUST BAG.
- FH-1 FLUX PORT
- (SEE NOTE A)
- SUPER-AP-1 (FLUX-VAC)
- MAGSEP-1 (OPTIONAL MAGNETIC SEPARATOR)
- 1 1/2" FLUX RECOVERY HOSE (INCLUDED)
- FH-1 OR HEATED HFH-1 (OPTIONAL FLUX HOPPER)
- AFV-2 (OPTIONAL AUTOMATIC FLUX VALVE)
- FHM-1 (OPTIONAL LINEAR ADJUSTMENT HOSE MOUNTING BRACKET)
- FHM-1ADJ (OPTIONAL LINEAR AND ANGULAR ADJUSTMENT HOSE MOUNTING BRACKET)
- NZ-1 (FLUX PICK-UP NOZZLE INCLUDED)

**NOTE A:** MOUNTING FRAME

CUSTOMER PROVIDES MOUNTING FRAME FROM FLUX HOPPER TO WELDING HEAD.

**RECOMMENDED SYSTEM ORDER LIST:**

1) SUPER-AP-1 (FLUX-VAC) INCLUDED WITH SUPER-AP-1 AT NO EXTRA COST:
   A) 1 1/2" FLUX RECOVERY HOSE (5FT. LONG).
   B) HOPPER TO AP-1 MOUNTING BRACKETS.
   C) NZ-1 (FLUX PICK-UP NOZZLE).
   D) 2 HOPPER SIGHT WINDOWS.

2) OPTIONAL HOSE MOUNTING BRACKETS:
   FH-1 (LINEAR ADJUSTMENT ONLY)
   FH-1ADJ (LINEAR AND ANGULAR ADJUSTMENT).

3) OPTIONAL FH-1 OR HEATED HFH-1 (FLUX HOPPER).

4) OPTIONAL AFV-2 (AUTOMATIC FLUX VALVE AND CONTROL).

5) OPTIONAL MAGSEP-1 (MAGNETIC SEPARATOR).

6) OPTIONAL FLUX PICK-UP NOZZLES:
   NZ-1 CRN (CORNER NOZZLE)
   NZ-1 BUTT (BUTT NOZZLE)

7) OPTIONAL PA-4 (ELECTRIC AIR VALVE. 115VAC, 220VAC, AND OTHER VOLTAGES AVAILABLE).

8) OPTIONAL DC-30 (DUST COLLECTOR USED IN PLACE OF DUST BAG FOR GREATER CAPACITY AND LESS MAINTENANCE).