THE REVOLUTIONARY
SUPER-AP-1
MIGHTY-MIGHT “SUPER-AUTO-PNEUMATIC”

AIR POWERED
FLUX RECOVERY SYSTEM

REDUCE COST, CREATE A SAFER, HEALTHIER WORK ENVIRONMENT WITH THE INEXPENSIVE, RUGGED AND POWERFUL SUPER-AP-1 (EQUIVALENT TO MANY 3 H.P. ELECTRIC VACUUMS). MOUNTS EASILY ONTO MOST AUTOMATIC SUBMERGED ARC WELDING EQUIPMENT.

IMPORTANT FEATURES:
- Powerful Air Vacuum (approximately twice as powerful as the standard AP-1 and equivalent to many 3 H.P. electric vacuums).
- Adds no oil or water to the flux and produces no damage to the recovered flux particles, since flux is never in the compressed air stream.
- Vacuum air pump is on the exhaust side and undesirable contaminants, fines, and dust are discharged into a very efficient dust bag assembly.
- No moving parts in air pump, and no internal filters to wear out.
- Very efficient air pump produces a higher vacuum, uses less air, and is quieter than most competitive air models.
- Direct Recycling of Flux back to lower hopper by depressing flux valve levers (one on each side of SUPER-AP-1).
- Optional Automatic Flux Transfer Valve, transfers flux to lower hopper without operator input. (Order SUPER-AP-1-E/P.)
- Two Large Flux Sight Windows (one on each side) indicate when operator must transfer flux to lower hopper by depressing flux valve lever.
- Twice the Flux Capacity of the standard AP-1. (NOTE: Lower hopper determines Total Flux Capacity system can hold!)

SPECIFICATIONS:
- Weight (empty): 30 lbs (13.6 Kg)
- Dimensions: 27” (68.6 cm) H x 9-3/4” (24.8 cm) W x 22-7/8” (58.1 cm) D
- Power Input: Compressed air 14 cfm (396 lpm) @ 70-100 psi (4.8-6.9 bar), 1/4” (6 mm) I.D. Airline minimum. No electrical input required.
- System comes complete with 5 ft. (1.27m) 1-1/2” (3.8 cm) flux recovery hose, NZ-1 flux pick-up nozzle, mounting brackets, dust bag, and sight window for OEM hopper... ready for installation!

FOR ORDERING INFORMATION PLEASE CONTACT:

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OPTIONAL ACCESSORIES:
- FHM-1: Flux hose mounting bracket.
- FHM-1-ADJ: Adjustable flux hose mounting bracket.
- NOZZLES:
  - NZ-1-4: 4” (10.2 cm) wide flux pick-up nozzle.
  - NZ-1-CRN: Corner weld flux pick-up nozzle, sold as pair 1L 1R.
  - NZ-1BUTT: Butt weld flux pick-up nozzle
- PAS-1: Portable flux hopper, easily converts automatic flux recovery system (SUPER-AP-1) into a portable recovery system. Includes 10ft. [2.54 m] of hose.
- FP-1 Flux Port: Enables adding new flux to Lincoln or Miller hopper without interrupting weld.
- MAGSEP-1: Magnetic separator.
- Extra hose: Available in 5 ft. (1.52 m) increments.

- FH-1: Flux hopper with flux filling port, approx. 35 lbs (15.8 kg) capacity. SUPER-AP-1 mounts directly to this hopper.
- HFH-1: Same as FH-1 except heated. 34-250°F (1-121°C) temperature range. SUPER-AP-1 mounts directly to this hopper.
- FH-1-60: Flux hopper with flux filling port, approx. 60 lbs (27.2 kg) capacity. SUPER-AP-1 mounts directly to this hopper.
- HFH-1-60: Same as FH-1-60 except heated. 34-250°F (1-121°C) temperature range. SUPER-AP-1 mounts directly to this hopper.
- AV-4: Electric air valve to remotely turn SUPER-AP-1 ON/OFF
- AFV-32: Automatic Flux Valve and Control
- LAFV-32: Replaces OEM Lincoln Hopper valve
- MAFV-32: Replaces OEM Miller Hopper valve
(Please contact Weld Engineering for technical assistance.)