

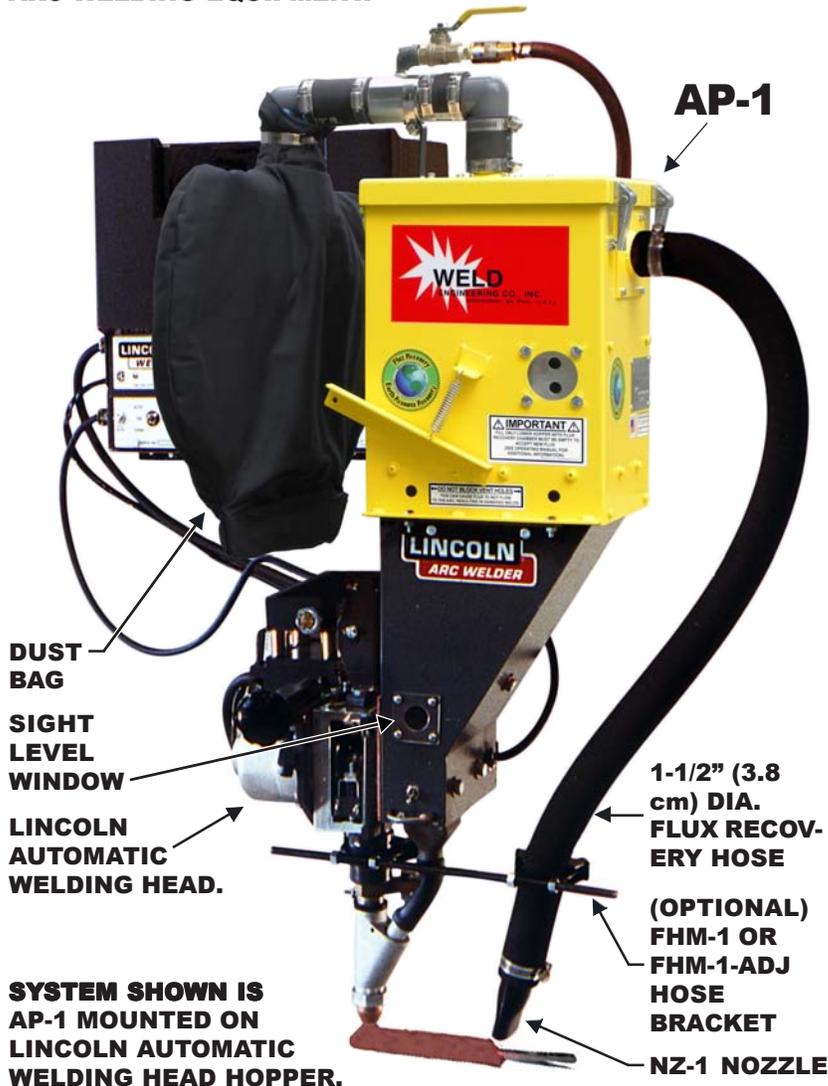


AUTO-PNEUMATIC
MIGHTY-MIGHT
STANDARD DUTY
SUBMERGED ARC FLUX
RECOVERY SYSTEM

AP-1

AIR POWERED FLUX RECOVERY SYSTEM

INEXPENSIVE, RUGGED, AND POWERFUL—THE AP-1 MOUNTS EASILY ONTO MOST AUTOMATIC SUBMERGED ARC WELDING EQUIPMENT.



CHECK THESE FEATURES:

- **Adds no oil or water to the flux** since flux is never in compressed air stream.
- **Vacuum air pump is on 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.**
- **Direct recycling** of flux back to hopper.
- **Sight window** in AP-1 and hopper for easy flux level indication.
- **Very efficient** air pump produces a higher vacuum, uses less air, and is quieter than most competitive models.
- **Versatile**, with **quick attach** options. See optional accessories below.

SPECIFICATIONS:

- **Input power:** compressed air @ 70-100 psi (4.8-6.9 bar), approximately 8 cfm (227 lpm) (1/4" [6 mm] I.D. Airline minimum).
No electrical input required.
- **Weight (empty):** Approx. 23 lbs (10.4 kg)
- **Dimensions:** 20-3/4" (52.7 cm) H x 18-11/16" (47.5 cm) W x 9-3/4" (24.8 cm) D
- **System** comes complete with 5 ft. (1.52 m) hose, hopper mounting brackets, sight window for hopper, dust bag, and NZ-1 flux pick-up nozzle...ready to run!
- **Flux capacity:** Determined by flux hopper (i.e. **Lincoln and Miller Standard Hopper** = 18 lbs [8.2 kg], **FH-1** = 35 lbs [15.8 kg])

**FOR ORDERING INFORMATION
PLEASE CONTACT:**



**WELD
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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, **AP-1** mounts directly to this hopper.
- **HFH-1:** Same as **FH-1** except heated. 34-250° F (1-121° C) temperature range, **AP-1** mounts directly to this hopper.
- **FH-1-60:** Flux hopper with flux filling port, approx. 60 lbs (27.2 kg) capacity, **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, **AP-1** mounts directly to this hopper.
- **AV-4:** Electric air valve to remotely turn 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.)