

# WELD

ENGINEERING CO., INC.

# INTRODUCING THE REVOLUTIONARY AS-4

MIGHTY-MIGHT

CATALOG WE-AS-4-491

**SUBMERGED ARC  
FLUX RECOVERY  
SYSTEM FOR  
MEDIUM DUTY  
APPLICATIONS.  
(PATENTED)**

**INEXPENSIVE, RUGGED, AND  
POWERFUL; THE AS-4 MOUNTS  
EASILY ONTO MOST AUTOMATIC  
SUBMERGED ARC WELDING  
EQUIPMENT.**



AS-4

SYSTEM SHOWN IS  
AS-4 MOUNTED ON  
LINCOLN AUTOMATIC  
WELDING HEAD.

FHM-1 HOSE  
BRACKET  
(OPTIONAL)

### CHECK THESE FEATURES:

- **Powerful** electric vacuum.
- Revolutionary (patented) **self cleaning** dust and fines filter enables hours of uninterrupted operations.
- **Flashing light** tells operator when to clean dust bag for maximum efficiency.
- **Remote control** on/off pendant. Turn AS-4 on and off with weld cycle.
- **Direct recycling** of flux back to Hopper.
- Fused slag is **automatically separated** from flux.
- **Dust and fines** are collected in a dust bag for easy dumping.
- **Sight window** in AS-4 and Hopper for easy flux level indication.
- **Versatile**, with **quick attach** options. See accessories below.

### SPECIFICATIONS:

- **Input Power:** 115v/1 ph/60-50hz/9amps or 220v/1ph/60-50hz/4.5 amps.
- **Weight (empty):** 30 lbs.
- **Dimensions:** 19 1/4" H x 8 1/2" W x 10 1/2" D
- System comes complete with 5 ft. hose, mounting brackets to Hopper, sight window for Hopper, and filters . . . ready to run!
- **Flux Capacity:** Determined by flux Hopper (i.e. Lincoln = 20 lbs, FH-1 = 35 lbs.)

### NOTE:

- The **AS-4** replaces the popular **AS-1**. All consumable parts and most replacement parts are interchangeable.

### OPTIONAL ACCESSORIES:

New flux can be added here anytime without interrupting the weld.

(FH-1)

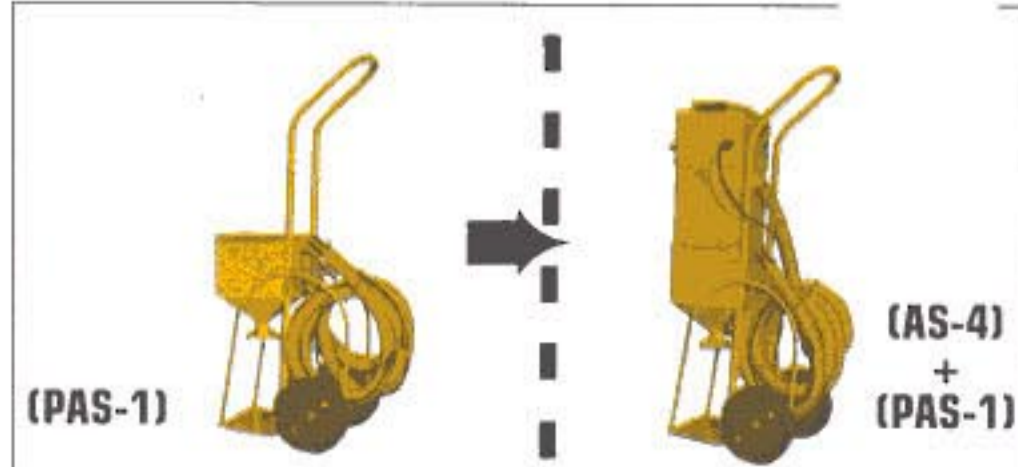


- "Continuous Feed" Flux Hopper (**FH-1**) holds approximately 35 lbs. of flux. New flux is added thru flux port without interrupting weld; enabling indefinite weld length. AS-4 mounts directly to this hopper.



(HFH-1)

- Heated Flux-Hopper (**HFH-1**) with thermostatic control and temperature gauge (70°-250°F). For those applications where flux must be heated. (115v or 220v).



(PAS-1)

(AS-4)  
+  
(PAS-1)

- Portable Flux Hopper (**PAS-1**) easily converts Automatic Flux Recovery System (AS-4) into a Portable Recovery System. (Includes 15 ft. of hose.)

- Flux-Hose Mounting Bracket (**FHM-1**) provides easy positioning of vacuum hose over flux to be recovered.
- Adapter Plate for mounting to miller hopper (**MADP-1**).
- **Nozzles:** Special nozzles available. Consult factory.
- **Extra hose.**
- Flux port for Lincoln or other Hopper (**FP-1**). Pop-rivets to Hopper to allow flux addition without interrupting weld.