

**3 NEW
PRODUCTS!**

**THREE (3) NEW CHOICES
FOR LOW COST MIGHTY-MAC
“PORTABLE HEAVY DUTY
FLUX RECOVERY SYSTEMS ”**

TO SEE ALL OUR PRODUCTS, VISIT US AT OUR
WEB SITE : WELDENGEERING.COM

**PS-1500 (1 1/2 HP)
PS-3000 (3 HP)
PS-5000 (5 HP)**

REDUCE COST, CREATE A SAFER, HEALTHIER WORK ENVIRONMENT WITH THE HEAVY DUTY, RUGGED AND POWERFUL PORTABLE PS-1500, PS-3000 OR THE PS-5000 FLUX RECOVERY SYSTEM FOR CONTINUOUS HEAVY DUTY SUBMERGED ARC WELDING.

PS-1500 (shown) comes complete except for 1-1/2" flux recovery hose and nozzle.

Note: Also available without wheels and a choice of flux hopper / separators for stationary mounting. Please see SPS-1500, 3000, and 5000 product bulletin. "WE-SPS-1500-5000-1/00"



IMPORTANT FEATURES:

- Vacuum sensing gauge indicates when filter needs to be cleaned.
- Dirty filter is semi-automatically cleaned by high energy shock wave of air.
- Dust is automatically collected in dust drawer for easy removal.
- “Micron” cartridge dust filter is long lasting and easily replaced.
- Super duty vacuum blower / TEFC motor assembly has no “V” belts and are designed to run with low maintenance.
- Blower turns at low speed for long bearing life.
- Oil free operation unlike many competitive recovery vacuums.
- Higher vacuum and more efficient than other competitive products.
- High abrasion wear points in flux separator are inexpensive and easily replaced.
- Designed for continuous duty, high demand flux recovery applications.
- Large 200 lb (91 Kg) hopper / separator for flux storage.
- Slide valve for easy transfer of recovered flux to another container.
- Flux level windows in hopper enable easy estimate of recovered flux.

Optional 1-1/2" flux recovery hose and NZ-1 nozzle

SPECIFICATIONS:

Weight (empty):

- PS-1500; 270 lbs (122Kg)
- PS-3000; 295 lbs (134Kg)
- PS-5000; 368 lbs (167Kg)

Dimensions:

- 54 in (137cm) H X 38 in (97cm) W X 24 in (61cm) D
- 54 in (137cm) H X 42 in (107cm) W X 24 in (61cm)D
- 54 in (137cm) H X 44 in (112cm) W X 24 in (61cm)D

Power input:

- 1-1/2 HP; 220 Vac; 1PH; 50-60 Hz or 200-220, 380-415, 460, 575 Vac; 50-60 Hz; 3 PH
- 3 HP; 200-220, 380-415, 460, 575 Vac; 50-60 Hz
- 5 HP; 200-220, 380-415, 460, 575 Vac; 50-60 Hz

● Compressed air for all machines is for filter cleaning only: < 1 cfm @ 70-100 psi (use min. 1/4" I.D. hose).

● NOTE: PS Flux-Vacuums come complete as shown above except for 1-1/2" Hose, NZ-1 nozzle. There are many flux hopper / separators and accessories available. (Please contact factory for ordering assistance.)

OPTIONAL ACCESSORIES:

- 1-1/2" RECOVERY HOSE. Available in 10, 15, 20 and 25 FT lengths.
- FLUX HOSE MOUNTING BRACKETS (for use when permanently mounting pick-up nozzle over flux to be recovered): 1) FHM-1 enables linear hose adjustment. 2) FHM-1ADJ enables linear and angular hose adjustment.
- NOZZLES: NZ-1 (standard), NZ-1BUTT for butt welds, NZ-1CRN for left and right hand corners; sold as a pair (must use FHM-1ADJ hose bracket for NZ-1BUTT and NZ-1CRN) and NZ-1-4 four inch wide nozzle.
- MAGNETIC SEPARATOR: MAGSEP-100 .
- AFD-1 adjustable flux dam. Used to support flux on cylindrical weldments.

**For ordering information
please contact:**

**34 Fruit St.
Shrewsbury, MA 01545 (U.S.A.)
Telephone: (508) 842-2224
Fax: (508) 842- 3893**

**WELD
ENGINEERING CO., INC**

To see all our flux handling products, pressure feed systems, and rebake ovens visit us at our Web Site: weldengineering.com

*"Manufacturers of the most complete line of
Submerged Arc flux handling equipment in the world"*