

**3 NEW  
PRODUCTS!**

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

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WEB SITE : [WELDENGEERING.COM](http://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.

**SPECIFICATIONS:**

- |                            |   |  |
|----------------------------|---|--|
| <b>Weight (empty):</b>     | <b>Dimensions:</b>                                  | <b>Power input:</b>  |
| ● PS-1500; 270 lbs (122Kg) | ● 54 in (137cm) H X 38 in (97cm) W X 24 in (61cm) D | ● 1-1/2 HP; 220 Vac; 1PH; 50-60 Hz or 200-220, 380-415, 460, 575 Vac; 50-60 Hz; 3 PH |
| ● PS-3000; 295 lbs (134Kg) | ● 54 in (137cm) H X 42 in (107cm) W X 24 in (61cm)D | ● 3 HP; 200-220, 380-415, 460, 575 Vac; 50-60 Hz                                     |
| ● PS-5000; 368 lbs (167Kg) | ● 54 in (137cm) H X 44 in (112cm) W X 24 in (61cm)D | ● 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:

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**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](http://weldengineering.com)

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