



**FOUR (4) 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 (2 HP)**
- PS-3000 (4 HP)**
- PS-5000 (5.5 HP)**
- PS-7500 (7.5 HP)**

REDUCE COST, CREATE A SAFER, HEALTHIER WORK ENVIRONMENT WITH THE HEAVY DUTY, RUGGED AND POWERFUL PORTABLE PS-1500, PS-3000, PS-5000 OR THE PS-7500 FLUX RECOVERY SYSTEM FOR CONTINUOUS HEAVY DUTY SUBMERGED ARC WELDING.

Note: Also available without wheels and a choice of flux hopper / separators for stationary mounting. Please see **SPS-1500, 3000, 5000, and 7500** product bulletin. “WE-SPS-1500-7500-01262013”



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 150 lb (68 Kg) hopper / separator** for flux storage.
- **Ball valve** for easy transfer of recovered flux to another container.
- **Flux level windows** in hopper enable easy estimate of recovered flux.

SPECIFICATIONS:

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|---|---|--|
| Weight (empty): | Dimensions: | Power input: |
| ● PS-1500; Approx. 270 lbs (122Kg) | ● 54in (137cm) H X 38in (97cm) W X 24in (61cm) D | ● 2 HP; 220 VAC; 1PH; 50-60 Hz or 200-220, 380-415, 460, 575 VAC; 50-60 Hz; 3 PH |
| ● PS-3000; Approx. 295 lbs (134Kg) | ● 54in (137cm) H X 42in (107cm) W X 24in (61cm) D | ● 4 HP; 200-220, 380-415, 460, 575 VAC; 50-60 Hz |
| ● PS-5000; Approx. 368 lbs (167Kg) | ● 54in (137cm) H X 44in (112cm) W X 24in (61cm) D | ● 5.5 HP; 200-220, 380-415, 460, 575 VAC; 50-60 Hz |
| ● PS-7500; Approx. 436 lbs (198Kg) | ● 60in (152cm) H X 44in (112cm) W X 37in (93cm) D | ● 7.5 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" or 2" Hose and NZ-1 or NZ-1-2 nozzle. There are many flux hopper / separators and accessories available. (Please contact factory for ordering assistance.)

OPTIONAL ACCESSORIES:

- **PS-1500, 3000, 5000 USES 1-1/2" FLUX RECOVERY HOSE; PS-7500 USES 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 FOR 1-1/2" HOSE:** **NZ-1, NZ-1BUTT** for butt welds*, **NZ-1CRN** for left and right hand corners* - sold as a pair, and **NZ-1-4** four inch wide nozzle.
- **NOZZLES FOR 2" HOSE:** **NZ-1-2, NZ-1-2BUTT** for butt welds*, **NZ-1-2CRN** for left and right hand corners* - sold as a pair, and **NZ-1-2-4** four inch wide nozzle.
*NOTE: Must use **FHM-1ADJ** hose bracket for butt and corner nozzles.
- **MAGNETIC SEPARATOR: MAGSEP-100**
- **FD-1** adjustable flux dam. Used to support flux on cylindrical weldments.

For ordering information
please contact:

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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"