FOUR (4) CHOICES FOR LOW COST MIGHTY-MAC
“PORTABLE HEAVY DUTY FLUX RECOVERY SYSTEMS”

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.

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.
- “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:

Weight (empty):
- PS-1500: Approx. 270 lbs (122Kg)
- PS-3000: Approx. 295 lbs (134Kg)
- PS-5000: Approx. 368 lbs (167Kg)
- PS-7500: Approx. 436 lbs (198Kg)

Dimensions:
- 54in (137cm) H X 38in (97cm) W X 24in (61cm) D
- 54in (137cm) H X 42in (107cm) W X 24in (61cm) D
- 54in (137cm) H X 44in (112cm) W X 24in (61cm) D
- 60in (152cm) H X 44in (112cm) W X 37in (93cm) D

Power input:
- 2 HP: 220 VAC; 1PH; 50-60 Hz
- 4 HP: 200-220, 380-415, 460, 575 VAC; 50-60 Hz
- 5.5 HP: 200-220, 380-415, 460, 575 VAC; 50-60 Hz
- 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.

*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”