

**WELD****ENGINEERING CO., INC.***Excellence Since 1979*

# HAMX AUTOMATIC FLUX MIXING SYSTEMS

**CONTROLS RATIO OF NEW  
FLUX TO RECOVERED FLUX**

## HOW THE HAMX SYSTEM WORKS:

- It must be used with Mighty-Mac vacuum unit (MM-1500X, MM-3000X, MM-5000X, SPS-1500, SPS-3000, SPS-5000)
- Load New Flux into the "New Flux" side of the hopper.
- Begin Recovering flux.
- Automatically a preset ratio of New Flux to recovered Flux will feed to the welding torch.
- Both New and Recovered flux are stored in heated compartments at a desired temperature to 250 °F (121 °C).

## ADVANTAGES:

- Eliminates costly labor of manually mixing flux.
- Eliminates throwaway of unmixed recovered flux.
- Eliminates operator error in mixing the right proportions of flux.
- Increases profitability and productivity.
- Improves weld quality.
- Optional magnetic separation available.

Gravity feeds mixed flux to the welding torch and recovers unfused flux back to the hopper to be mixed with new flux. Holds approximately 25 lbs of new flux and approximately 25 lbs of recovered flux. Actual storage capacities may vary with flux density. Other capacities available based on customer requirements.

Hose attaches to M-MAC VACUUM

**HAMX-50**

Hose attaches to M-MAC VACUUM

**HPFR-HAMX-3000**

Flux pressure feeds welding torch hopper.

Hose attaches to M-MAC VACUUM

**HPFR-HAMX-3000-H150-H300**

Flux pressure feeds welding torch hopper.

Pressure feeds mixed flux to the small hopper at the welding torch and recovers unfused flux at the arc back to the HPFR-HAMX-3000 hopper to be mixed with new flux. (Holds 50 lbs of new flux and 50 lbs of recovered flux. The heated pressure tank holds 100 lbs of mixed flux). Other capacities available based on customer requirements.

Larger version of the HPFR-HAMX-3000 (Holds 150 lbs of new flux and 150 lbs of recovered flux. The heated pressure tank holds 300 lbs of mixed flux). Other capacities available based on customer requirements.

For ordering information please contact:

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