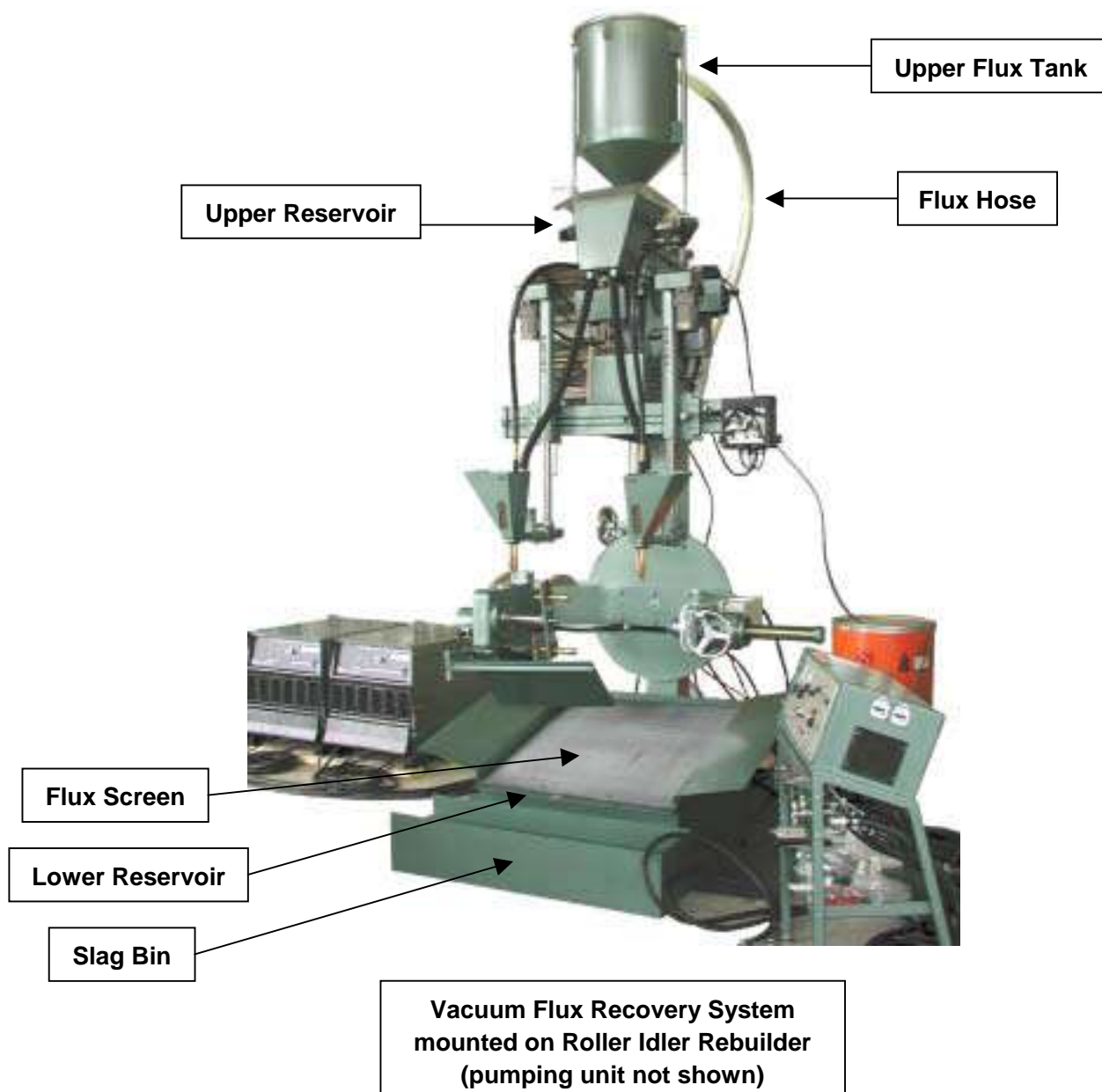




## VACUUM FLUX RECOVERY SYSTEM

Vacuum Flux Recovery System, MVF is designed specifically for with the Roller and Idler Welder, MRW series. When cycled, the system automatically cleans its filter and dumps the dust; thus, "down time" for cleaning is eliminated. The filter is extra large and carries over 12 times blower capacity to insure very low head loss. The 50/60 cycle motor is designed for several voltages to cover the wide range of conditions existing in the field. The pumping unit is equipped with a turbo blower that insures enough vacuum and reduces the level of noise. A silencer is also attached at the top of pumping unit.



## FLUX FLOW DESCRIPTION

The Vacuum Flux Recovery System on a MRW series consists of four (4) units: pumping unit, a lower screening reservoir, upper flux tank and flux reservoir.

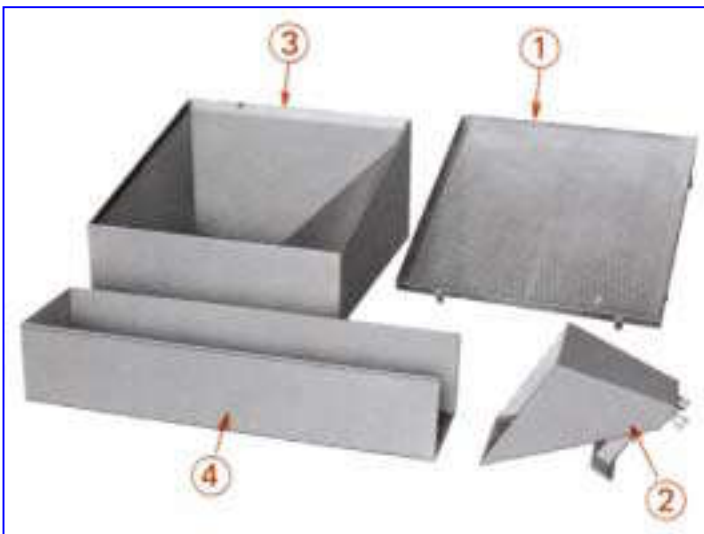
The unit's cycle begins when the upper tank empties into a flux hopper. The flux then goes to the welding heads where a portion is used. Used (slag) and unused flux pour down into lower reservoir screen where the slag is separated out and the flux returns to the reservoir. The pumping unit and reservoir vibration begin when the upper tank is empty. The flux is drawn from the reservoir into the upper tank. Once being full, the system automatically shuts down and the pumping unit cleans its filter and dumps the dust. The upper tank then begins dumping flux and the cycle is completes.

The flux recovery system operates only when necessary. If the upper tank contains flux, the system will not start. Even when welding with both heads, the recirculating system needs to operate only 2 of every twelve minutes.

## MVF KIT

### MVF-KIT PERFORMING THE SAME FUNCTIONS as MVF.

Buy MVF KIT (Pumping unit ⑤, upper flux tank ⑥ & hoses ⑦) and build the screen ① upper ② and lower ③ reservoirs and slag bin ④ by yourself and save on manufacturing and shipping costs. Designed specifically for export market, MVF-K enables you to buy materials locally and to use your shop labor to fabricate the screen, reservoirs and flux bin. Easy to follow instructions and detailed drawings are included.



Build them with complete drawings provided.



Buy this MVF-K

## SPECIFICATIONS

Electric motor	: 2.2 kW 3 phase, 50/60 Hz 220V (Various voltages are available upon request.)
Rated output	: Capacity 4.5 m <sup>3</sup> /min at static 1,290 mm Aq
Dust box capacity	: 30 ℓ
Blower unit dimensions (W x D x H) approx.	: 440 x 1055 x 1545 mm
Blower unit weight approx.	: 145 kg
Tank & hopper ass'y } Flux tray ass'y }	approx. : 150 kg

Specifications and illustrations are subject to change without notice.

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