

Meeting the demands for higher productivity and quality



Micro-Weld Heavy Duty MD-4 and MD-5 Steel Rod Flash Welders from Micro Products

Micro-Weld MD-4 and MD-5 Flash Welders are engineered for cost efficient, high production, very large diameter steel rod processing. They produce consistently high quality welds uniquely formed under heavy upset pressures delivered by a motor driven cam assembly.

The extra heavy duty transformer is the most stable and cost efficient available to steel rod producers and processors today!

MD-6 welders have a convenient control station allowing for easy selection of weld modes, flashing speed and heat selection.

The foot controlled individual clamping pedals allow for easy placement and adjustment of material position. The heavy duty clamping mechanism is pneumatically controlled to assure positive positioning and is equipped with cylinders that have long lasting neoprene diaphragms.

Quality and productivity backed with over 80 years of experience, service and support. These are some of the reasons why the Micro-Weld name is respected all over the world.

For more information on our MD Flash Welders or Micro-Weld's complete line of welders, call us at 1-800-872-1068



**MADE IN THE
USA**



See Page 2 For Details

MD-4 and MD-5 ELECTRIC FLASH WELDERS

Specifications	Model MD-4	Model MD-5
Welding Size Range	.250" to .750" diameter	.500" to 1.125" diameter
	6.4mm to 19.0mm	12.7mm to 28.5mm
Operating voltages	480 or 600 volts	480 or 600 volts
Input power cycles	60 hertz	60 hertz
Line Demand 480 volts		
Flash Cycle	12 seconds at 50 amps	20 seconds at 70 amps
Upset Cycle	1.5 seconds at 400 amps	2 seconds at 450 amps
Line Demand 600 volts		
Flash Cycle	12 seconds at 40 amps	20 seconds at 60 amps
Upset Cycle	1.5 seconds at 320 amps	2 seconds at 360 amps
Single Phase A/C	192 KVA	216 KVA
Power Contractor Type	Magnetic	Magnetic
Requirements Air	80-90 p.s.i.	80-90 p.s.i.
	450 c.u. in per weld	450 c.u. in per weld
Mounting	4 caster type wheels	4 caster type wheels

Dimensions and Weights

Floor Space	60" x 37"	60" x 37"
Height Overall	50"	50"
Welding Die Height	43"	43"
Weight	2025 lbs	2325 lbs

Standard Features

- Rugged Construction
- Easy to Operate Controls
- Low Maintenance Costs
- Dual Foot Controlled Clamping Mechanism
- Safety Flash Guard System
- Heavy Duty Adjustable Weld Heat Selection Switch
- Water Cooled Components
- Self Contained 120 Volt Safety Control Circuits
- Motor Driven Upset Pressure Mechanism
- Heavy Duty Straight Slide Movable Headpiece
- Mounted On Base Unit With Caster Wheels

Optional Features

- Special Voltages
- Machinist Vise
- Export Packing
- 50 Hz Service
- Automatic Anneal Timer
- SCR Controlled Anneal with Automatic IR Sensor
- "V" Type Track Wheels
- Flat Stock Die Sets
- CAL Type Anneal Clamps
- ARM Type Anneal Clamps



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Micro-Weld
Electric Flash
Welders
from
Micro
Products

Unsurpassed quality
construction

Excellent welds
with consistency

Easy to operate

Customer service
and support