



Offering the world a better weld
for over 80 years

MD-4 & MD-5 Heavy Duty Steel Rod Electric Flash Welders

2 Models: From .250" (6.4mm) to 1.125" (28.5mm) diameter

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-4 and MD-5 welders have a convenient control station allowing for easy selection of weld modes, flashing speed and heat selection. The welders feature heavy duty adjustable weld heat selection switch and safety flash guard system.

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.

Model MD-6 is also available for welding size range of .750" to 1.500" diameter (19.0mm to 38.10mm). Please ask for details.

For butt and flash welding applications, depend on Micro-Weld, a name trusted worldwide for over 80 years.



MD-4 & MD-5
Flash Welders for Steel Rod

See back for features & technical specifications

Phone: 1-800-872-1068 (in U.S.A.) or
630-406-9550

Email: info@micro-weld.com

Web: www.micro-weld.com





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MD-4 & MD-5 Electric Flash Welders

Specifications

	Model MD-4	Model MD-5
Welding Size Range	.250" to .750" diameter 6.4mm to 19.0mm	.500" to 1.125" diameter 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. 450 c.u. in per weld	80-90 p.s.i. 450 c.u. in per weld
Mounting	4 caster type wheels	4 caster type wheels

Dimensions & Weights

Floor Space	60" x 37" (152.4cm x 93.98cm)	60" x 37" (152.4cm x 93.98cm)
Height Overall	50" (127cm)	50" (127cm)
Welding Die Height	43" (109.22cm)	43" (109.22cm)
Weight	2025 lbs (918.52kg)	2325 lbs (1054.60kg)

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

Micro-Weld Electric Flash Welders for Steel Rod

- Unsurpassed quality construction
- Excellent welds with consistency
- Easy to operate
- Customer service & support worldwide

Model MD-6 Available for welding size range of .750" to 1.500" diameter (19.0mm to 38.10mm). Contact Micro-Weld for details.

Micro-Weld offers over 50 models of butt, flash and ring welders.



phone
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