

Meeting the demands for higher productivity and quality

The J Series Butt Welders from Micro Products for steel rod and wire

The quality your customers demand depends on the performance of the machines you use. So we designed our J Series Micro-Weld butt welders to work harder, last longer and offer consistent high quality welds.

Featuring extra heavy duty transformers, the J Series butt welders are engineered for cost-efficient welding and continuous processing of steel wire and rod products. The extra heavy-duty primary coils and secondaries in the welding transformers make them powerful and long-lasting.

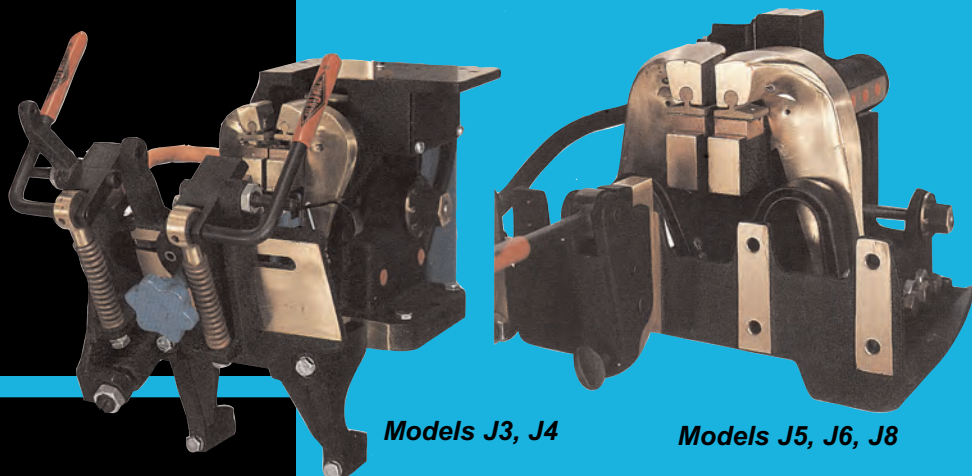
Welders feature:

- Manual or pneumatic clamping
- Self-aligning welding dies
- Pivot type welding headpieces
- Front annealing clamps

Avoid inconsistencies. Avoid downtime. And always get the superior quality your customers demand in the end product.

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 J Series or other butt welders, call 1-800-872-1068.



**MADE IN THE
USA**

See Page 2 For Details

J SERIES

ELECTRIC RESISTANCE WELDERS

Specifications

	J3S	J4S	J5S	J6S	J8S
Stock Range Size, Diameter	.020" - .080"	.040" - .160"	.060" - .250"	.187" - .375"	.250" - .500"
Steel, Alloys, Stainless	(.51mm-2.0mm)	(1.0mm-4.0mm)	(1.5mm-6.3mm)	(4.7mm-9.5mm)	(6.3mm-12.7mm)
Standard Operating Voltages	115, 230, 460	115, 230, 460	230, 460, 575	230, 460, 575	230, 460, 575
Input Power Cycles	60Hz	60Hz	60Hz	60Hz	60Hz
Line Demand, 115 volts	13 amps*	13 amps*	NA	NA	NA
Line Demand, 230 volts	6.5 amps*	6.5 amps*	86 amps*	86 amps*	150 amps*
Line Demand, 460 volts	3.2 amps*	3.2 amps*	43 amps*	43 amps*	75 amps*
Line Demand, 575 volts	NA	NA	35 amps*	35 volts*	60 amps*
Heat Selection Switch	10 point	10 point	6 point	6 point	12 point
Single Phase Transformer	1.5 KVA*	1.5 KVA*	20.0 KVA*	20.0 KVA*	35.0 KVA*
4-Wheel Truck Mounted	2-Stationary Casters	2-Stationary Casters	2-Stationary Casters	2-Stationary Casters	2-Stationary Casters
*At 50% Duty Cycle	2-Swivel Casters	2-Swivel Casters	2-Swivel Casters	2-Swivel Casters	2-Swivel Casters

Dimensions and Weights

Width Across Front	24" (61cm)	24" (61cm)	28" (71cm)	28" (71cm)	31 1/4" (79cm)
Depth	24" (61cm)	24" (61cm)	28" (71cm)	28" (71cm)	28" (71cm)
Height Overall	53 1/2" (136cm)	53 1/2" (136cm)	44 1/2" (113cm)	44 1/2" (113cm)	44 1/2" (113cm)
Welding Die Height	41" (104cm)	41" (104cm)	41 1/2" (105cm)	41 1/2" (105cm)	41 1/2" (105cm)
Welder weight	180 lbs. (82 Kgs.)	180 lbs. (82 Kgs.)	440 lbs. (200Kgs)	460 lbs. (208Kgs)	680 lbs. (308 Kgs.)

Standard Features

- A/C Type Transformer
- Heavy-Duty Cast Headpieces
- Fast Foot Pedal Operation
- Adjustable Clamp and Upset Mechanism
- Adjustable Limit Switch
- Heavy-Duty Heat Selection Switch
- Safety Flash Guard
- Low Voltage Electrical Control Circuits
- Rugged Construction
- Heavy-Duty Mechanical and Electrical Components
- Low Maintenance Cost
- Easy to Operate
- Quick Foot Pedal Operation Activates Clamping - Upset and Electrical Circuits AUTOMATICALLY

Optional Features

- Anneal Device for High Carbon
- Filing Vise
- Hand Shear
- 50Hz Operation
- Special Voltages
- Auxiliary Hand Clamps
- Pneumatic Operation
- Water Cooling
- SCR Welding Controls
- SCR Annealing Controls

Micro-Weld J Series Electric Resistance Butt Welders for Steel Rod and Wire

MODEL J3S

capacity .020" to .080" dia.

MODEL J4S

capacity .040" to .160" dia.

MODEL J5S

capacity .060" to .250" dia.

MODEL J6S

capacity .187" to .375" dia.

MODEL J8S

capacity .250" to .500" dia.

Unsurpassed quality construction

Excellent welds with consistency

Easy to operate

Customer service and support



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