

Meeting the demands for higher productivity and quality

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

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

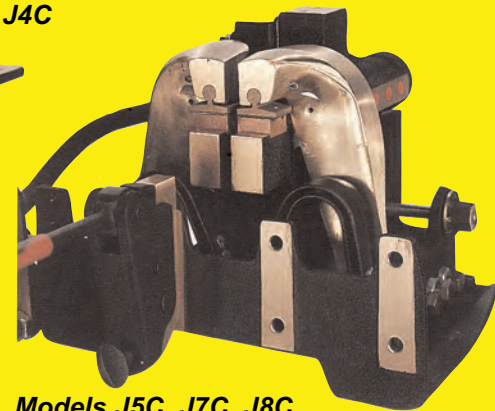
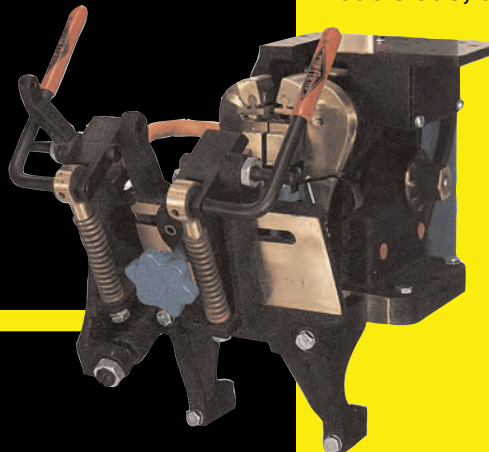
Avoid inconsistencies. Avoid downtime. And always get the superior quality your customers demand in the end product.

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.



Models J3C, J4C



Models J5C, J7C, J8C

MICROWELD
MICRO
PRODUCTS COMPANY

MADE IN THE
USA

See Page 2 For Details

J SERIES

ELECTRIC RESISTANCE WELDERS

Specifications

	Model J3C	Model J4C	Model J5C	Model J7C	Model J8C
Stock Range Size, Diameter	.032"-.064"	.064"-.128"	.080"-.250"	.125"-.375"	.187"-.500"
Copper & E.C. Aluminum	(.81mm-1.588mm)	(1.588mm-3.175mm)	(2mm-6.35mm)	(3.18mm-9.53mm)	(6.35mm-12.7mm)
Standard Operating Voltages	240 or 480 volts	240 or 480 volts	480 or 600 volts	480 or 600 volts	480 or 600 volts
Input Power Cycles	60Hz	60Hz	60Hz	60Hz	60Hz
Line Demand, Copper	20 amps on 240 volts	20 amps on 240 volts	NA	NA	NA
Line Demand, Aluminum	16 amps on 240 volts	24 amps on 240 volts	NA	NA	NA
Max Line Demand for Approx. 1-2sec.-Copper	NA	NA	150 amps on 480 volts 120 amps on 600 volts	400 amps on 480 volts 320 amps on 600 volts	500 amps on 480 volts 400 amps on 600 volts
Max Line Demand for Approx. 1-2sec.-Aluminum	NA	NA	120 amps on 480 volts 100 amps on 600 volts	320 amps on 480 volts 260 amps on 600 volts	400 amps on 480 volts 320 amps on 600 volts
Heat Selection Switch					
With High-Low Range Switch	4 Point	4 Point	12 Point	12 Point	12 Point
Single Phase Transformer	4.4 KVA	6.6 KVA	66 KVA	176 KVA	200 KVA
4-Wheel Truck Mounted	2 Stationary Casters 2 Swivel Casters	2 Stationary Casters 2 Swivel Casters	2 Stationary Casters 2 Swivel Casters	2 Stationary Casters 2 Swivel Casters	2 Stationary 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)
Welding Weight	180lbs.(82 Kgs.)	180lbs.(82 Kgs.)	550 lbs.(247 Kgs)	575 lbs.(259 Kgs.)	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
- Filing Vise
- Hand Shear
- 50Hz Operation
- Special Voltages
- Auxiliary Hand Clamps
- Pneumatic Operation
- Water Cooling
- SCR Welding Controls
- SCR Annealing Controls

Non-Ferrous Wire and Rod

Welders are designed to weld within a certain size range, both electronically and mechanically. Refer to other Micro-Weld information to find welding units for smaller or large wire and rod.

Selecting your Micro-Weld Butt Welder

1. Determine your size range or rod to be welded.
2. Identify your electrical power-all single phase a/c.
3. Use...accompanying charts to select your Micro-Weld Welder

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

- MODEL J3C - capacity .032" to .064 " dia.
- MODEL J4C - capacity .064" to .128" dia.
- MODEL J5C - capacity .080" to .250" dia.
- MODEL J7C - capacity .125" to .375" dia.
- MODEL J8C - capacity .187" to .500" dia.

Unsurpassed quality construction

Excellent welds with consistency

Easy to operate

Customer service and support

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