

# Meeting the demands for higher productivity and quality

## Micro-Weld Ferrous Wire, Rod and Cable Welders from Micro Products

For a complete line of quality welders for all types of ferrous wire, rod and cable, Micro-Weld is the name to remember. The unique design offers simplicity of operation, allowing any operator to make quality welds. 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 or straight slide welding headpieces
- Exclusive Micro-Weld annealing system

Our full line includes welders for a wide range of wire diameters, from .005" to 1.500". For large diameter ferrous rods, you can depend on Micro-Weld flash welders, featuring heavy-duty headpieces and motor-driven upset mechanisms.

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

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 Micro-Weld's complete line of welders, call us at 1-800-872-1068.

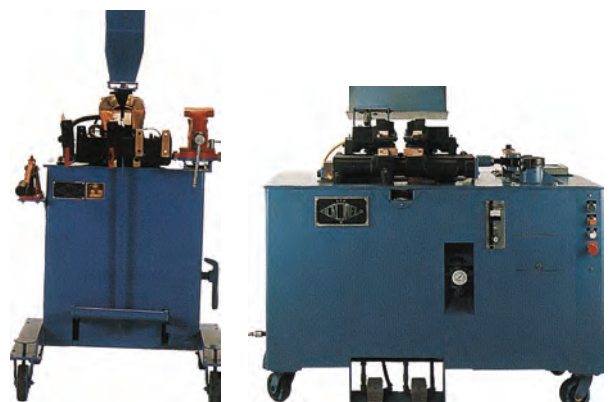
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Ferrous Wire, Rod and Cable Welders



MADE IN THE  
USA



# FERROUS WIRE, ROD AND CABLE WELDERS

## U.S. CAPACITIES

Reference Table For Steel And Stainless Steel Wire And Rod Welders  
Low-mid-high Carbon steel, stainless steel, steel alloy,  
wire and rod Welding Range

MODEL	MINIMUM(in.)	MAXIMUM(in.)	MODEL	MINIMUM(in.)	MAXIMUM(in.)
SEMT	.005	.025	GT	.020	.150
ACMT	.010	.062	GS	.035	.225
E1S	.010	.062	THD	.125	.500
J3S	.020	.080	H	.250	.625
J4S	.040	.160	HX	.125	.750
J5S	.060	.250	MD-4	.250	.750
J6S	.187	.375	MD-5	.500	1.125
J8S	.250	.500	MD-6	.750	1.500

## METRIC CAPACITIES

Reference Table For Steel And Stainless Steel Wire And Rod Welders  
Low-mid-high Carbon steel, stainless steel, steel alloy,  
wire and rod Welding Range

MODEL	MINIMUM(mm)	MAXIMUM(mm)	MODEL	MINIMUM(mm)	MAXIMUM(mm)
SEMT	.12	.63	GT	.50	3.81
ACMT	.25	1.57	GS	.88	5.71
E1S	.25	1.57	THD	3.17	12.70
J3S	.50	2.03	H	6.35	15.80
J4S	1.01	4.06	HX	3.17	19.05
J5S	1.52	6.35	MD-4	6.35	19.05
J6S	4.74	9.52	MD-5	12.70	31.75
J8S	6.35	12.70	MD-6	19.05	38.10

### HAND HELD TYPE

MODEL	MINIMUM(in.)	MAXIMUM(in.)
FX-1	.010	.062

### HAND HELD TYPE

MODEL	MINIMUM(mm)	MAXIMUM(mm)
FX-1	.25	1.57

### FLAT STOCK WELDERS, STEEL STRIP

MODEL	WELDING CAPACITIES	MINIMUM THICKNESS(in.)	MAXIMUM WIDTH(in.)
J4SF	.004 to .030 sq. in. cross sectional area	.010	.750
J5SF	.005 to .050 sq. in. cross sectional area	.010	1.00
J6SF	.012 to .128 sq. in. cross sectional area	.020	1.25

### FLAT STOCK WELDERS, STEEL STRIP

MODEL	WELDING CAPACITIES	MINIMUM THICKNESS(mm)	MAXIMUM WIDTH(mm)
J4SF	.25	.25	19.05
J5SF	.25	.25	25.40
J6SF	.50	.50	31.70

### SPECIAL USE MICRO-WELD UNITS

Heater and Anneal Units

MODEL	HEATING CAPACITIES(in.)	MODEL SEVERING CAPACITIES(in.)
MTAN-1	.006 to .062	E1S .010 to .062
MTAN-2	.040 to .120	J4S .032 to .187
HU-1	.125 to .500	J6S .062 to .375
HU-4	.375 to .750	HX .125 to .375
		D-5 .625 to 1.50

Electro-Cut Units-for severing and fusing steel cable and rope

### SPECIAL USE MICRO-WELD UNITS

Heater and Anneal Units

MODEL	HEATING CAPACITIES(mm)	MODEL SEVERING CAPACITIES(mm)
MTAN-1	.15 to 1.57	E1S .25 to 1.57
MTAN-2	1.01 to 3.04	J4S .81 to 4.74
HU-1	3.17 to 12.70	J6S 1.57 to 9.52
HU-4	9.52 to 19.05	HX 3.17 to 22.20
		D-5 15.80 to 38.10

Electro-Cut Units-for severing and fusing steel cable and rope

### STRAND TIRE CORD MATERIALS, STEEL

MODEL	WELDING CAPACITY (in.)
MTE-1	.016 to .050

### STRAND TIRE CORD MATERIALS, STEEL

MODEL	WELDING CAPACITY (mm)
MTE-1	.40 to 1.27

### SPECIAL USE WELDERS Cross Wire Welders-Skip Welders

MODEL	CROSS WIRE CAPACITY(in.)	MINIMUM MESH(in.)
SK-0	.062 to .080	1/2 x 1/2
SK-1	.062 to .135	1 x 1
SK-2	.135 to .225	2 x 2
SK-4	.250 to .375	2 x 2
SK-6	.375 to .500	2 x 2

### SPECIAL USE WELDERS Cross Wire Welders-Skip Welders

MODEL	CROSS WIRE CAPACITY(mm)	MINIMUM MESH(mm)
SK-0	1.57 to 2.03	12.70 x 12.70
SK-1	1.57 to 3.40	25.40 x 25.40
SK-2	3.40 to 5.71	50.80 x 50.80
SK-4	6.35 to 9.52	50.80 x 50.80
SK-6	9.52 to 12.70	50.80 x 50.80

### EASY METHOD FOR DETERMINING A MICRO-WELD WELDER FOR YOUR BUTT-WELDING APPLICATION

1. IDENTIFY MATERIAL CATEGORY: Ferrous or Non-Ferrous.
2. IDENTIFY CARBON CONTENT ON STEEL ALLOYS: Low, Medium, or High.  
NOTE: Other steel alloys and thermocouple materials generally require High Carbon type welders.
3. Identify minimum to maximum welding size range.
4. Identify the available electrical power source.
5. Use accompanying tables to place your welding requirements into a welder category.
6. NOTE: Some welders have similar welding capacities, and may require clarification from Micro Products Company as to the one most suitable for your needs.



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