

Meeting the demands for higher productivity and quality

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

For a complete line of quality welders for all types of non-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.

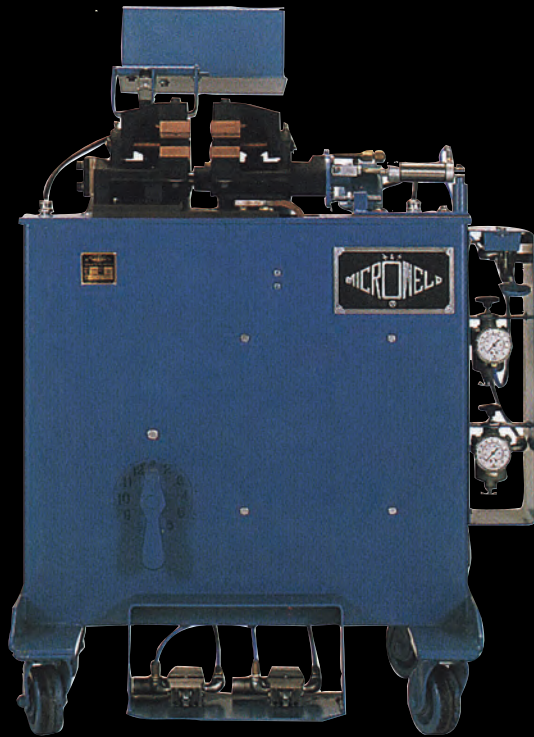
Welders are available with:

- Manual or pneumatic operation
- Pivot type or straight slide welding headpieces
- Dual high/low pressure systems
- Self-aligning welding dies

Our full line includes welders for a wide range of wire diameters, from .005" to 1.500" for both copper and aluminum stock. We offer models for butt welding of stranded copper and aluminum conductor from 28 gauge to 2000 MCM sizes. Also available are welders that weld within ceramic sleeves for containment and burrless weld on stranded conductors.

The quality your customers demand depends on the performance of the machines you use. So we designed our Micro-Weld non-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.



See Page 2 For Details

MADE IN THE
USA



NON-FERROUS WIRE, ROD AND CABLE WELDERS

U.S. CAPACITIES

REFERENCE TABLES FOR NON-FERROUS WIRE AND ROD WELDERS

MODEL	CAPACITY (Copper Wire-in.)	CAPACITY (Aluminum Wire-in.)
SEMT	.007 to .020	.007 to .025
ACMT	.010 to .040	.010 to .062
E1C	.015 to .050	.015 to .050
GC	.040 to .128	.050 to .200
J3C	.032 to .064	.032 to .064
J4C	.064 to .128	.064 to .128
J5C	.080 to .250	.080 to .250
J7C	.125 to .375	.125 to .375
J8C	.187 to .500	.187 to .500
AD-3	.187 to .375	.250 to .500
AD-4	.250 to .500	.375 to .750
AD-5	.375 to .750	.500 to .875
AD-6	.500 to 1.000	.625 to 1.375
AD-8	.500 to 1.250	.625 to 1.500

STRAND CONDUCTOR WELDERS

MODEL	CAPACITY (Copper Conductors)	CAPACITY (Aluminum Conductors)
GP	.038" to .146" 20 ga. to 8 ga.	.038" to .146" 20 ga. to 8 ga.
HP-1	.146" to .552" 8 ga. to 4/0	.146" to .770" 8 ga. to 250MCM
DP-1	.552" to .998" 4/0 to 750MCM	.552" to 1.151" 4/0 to 1000MCM
AD-3	.232" to .437" 4 ga. to 2/0 ga.	.292" to .547" 2 ga. to 250MCM
AD-4	.292" to .547" 2 ga. to 250MCM	.437" to .853" 2/0 ga. to 550MCM
AD-5	.437" to .853" 2/0 ga. to 550MCM	.547" to .998" 250MCM to 750MCM
AD-6	.547" to 1.151" 250MCM to 1000MCM	.726" to 1.526" 400MCM to 1250MCM
AD-8	.547" to 1.288" 250MCM to 1250MCM	.811" to 1.630" 500MCM to 2000MCM

REFERENCE TABLES FOR SPECIAL NON-FERROUS WELDERS

Flat Stock Materials

MODEL	WELDING CAPACITIES	MINIMUM THICKNESS(in.)	MAXIMUM WIDTH(in.)
J5ADU	.005 to .050sq. in. cross sectional area	.015	1.000
J6ADU	.012 to .077 sq.in. cross sectional area	.020	1.250

MICRO-WELD SILVER SOLDER BRAZIER

MODEL	CAPACITY COPPER WIRE
BU-1	28 ga. to 16 ga. Strand

METRIC CAPACITIES

REFERENCE TABLES FOR NON-FERROUS WIRE AND ROD WELDERS

REFERENCE TABLES FOR NON-FERROUS WIRE AND ROD WELDERS

MODEL	CAPACITY (Copper Wire-mm)	CAPACITY (Aluminum Wire-mm)
SEMT	.17 to .50	.17 to .63
ACMT	.25 to 1.01	.25 to 1.57
E1C	.38 to 1.27	.38 to 1.27
GC	1.01 to 3.25	1.27 to 5.08
J3C	.81 to 1.62	.81 to 1.62
J4C	1.62 to 3.25	1.62 to 3.25
J5C	2.03 to 6.35	2.03 to 6.35
J7C	3.17 to 9.52	3.17 to 9.52
J8C	4.76 to 12.70	4.76 to 12.70
AD-3	4.76 to 9.52	6.35 to 12.70
AD-4	6.35 to 12.70	9.52 to 19.05
AD-5	9.52 to 19.05	12.70 to 22.20
AD-6	12.70 to 25.40	15.80 to 34.92
AD-8	12.70 to 31.75	15.80 to 38.10

STRAND CONDUCTOR WELDERS

MODEL	CAPACITY (Copper Conductors)	CAPACITY (Aluminum Conductors)
GP	20 ga. to 8 ga.	20 ga. to 8 ga.
HP-1	10.8mm ² to 105mm ²	10.8mm ² to 126mm ²
DP-1	105mm ² to 385mm ²	105mm ² to 506mm ²
AD-3	27mm ² to 85mm ²	38mm ² to 126mm ²
AD-4	38mm ² to 126mm ²	85mm ² to 283mm ²
AD-5	85mm ² to 283mm ²	126mm ² to 385mm ²
AD-6	126mm ² to 506mm ²	202mm ² to 642mm ²
AD-8	126mm ² to 642mm ²	253mm ² to 1013mm ²

REFERENCE TABLES FOR SPECIAL NON-FERROUS WELDERS

Flat Stock Materials

MODEL	MINIMUM THICKNESS (mm)	MAXIMUM WIDTH (mm)
J5ADU	.12	25.40
J6ADU	.30	38.10

MICRO-WELD SILVER SOLDER BRAZIER

MODEL	CAPACITY COPPER WIRE
BU-1	28 ga. to 16 ga. Strand

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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