

Micro-Weld Non-Ferrous Wire, Rod & Cable Welders

meeting the demands for higher productivity & quality

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
AD-10	.500 to 1.300	.500 to 1.750

STRAND CONDUCTOR WELDERS

MODEL	CAPACITY (Copper Conductors)	CAPACITY (Aluminum Conductors)
GP-1	.038" to .146" 20 ga. to 8 ga.	.038" to .146" 20 ga. to 8 ga.
GP-2	.081" to .204" 12 ga. to 4 ga.	.081" to .204" 12 ga. to 4 ga.
GP-3	.038" to .204" 20 ga. to 4 ga.	.038" to .204" 20 ga. to 4 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
AD-10	.500" to 1.600"	.500" to 1.750"

REFERENCE TABLES FOR SPECIAL NON-FERROUS WELDERS Flat Stock Materials

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

MICRO-WELD SILVER SOLDER BRAZER

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

METRIC CAPACITIES

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
AD-10	12.70 to 33.02	12.70 to 44.5

STRAND CONDUCTOR WELDERS

MODEL	CAPACITY (Copper Conductors)	CAPACITY (Aluminum Conductors)
GP-1	.50mm ² to 10.0mm ²	.50mm ² to 10.0mm ²
GP-2	4mm ² to 25mm ²	4mm ² to 25mm ²
GP-3	.50mm ² to 25mm ²	.50mm ² to 25mm ²
HP-1	10.0mm ² to 120mm ²	10.0mm ² to 150mm 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
AD-10	127mm ² to 1295mm ²	127mm ² to 1970mm 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 BRAZER

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

Micro Products Company has been manufacturing high performance Micro-Weld electric resistance butt and flash welders since 1928. The unique design offers simplicity of operation, allowing any operator to make quality welds. Micro-Weld welders are used in over 30 countries for continuous processing of wire, rod and cable.

Micro-Weld Customer Service & Support Worldwide

For More Information, Contact:

Micro Products Company

1886 E. Fabyan Parkway
Batavia, Illinois 60510 (U.S.A.)

Toll-Free: 1-800-872-1068 (in U.S.A.)
Phone: 630-406-9550 • Fax: 630-406-9552

Email: info@micro-weld.com
website: www.micro-weld.com

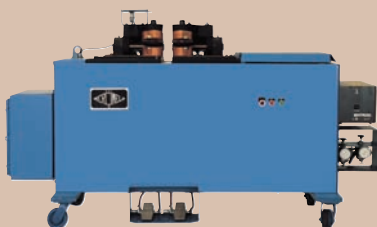
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Micro-Weld Features

- Manual or Pneumatic Operation
- Pivot Type or Straight Slide Welding Headpieces
- Dual High/Low Pressure Systems
- Self-Aligning Welding Dies
- Over 50 Models For Wide Range Of Wire Diameters
- Butt Welders For Stranded Copper or Aluminum Conductors
- Welding Within Ceramic Sleeves For Containment And Burrless Weld On Stranded Conductors

See back for steel (ferrous) butt welder capacities



Butt Welders Since 1928

Over 80 years of excellence



Micro-Weld *Ferrous* Wire, Rod & Cable Welders meeting the demands for higher productivity & quality

U.S. CAPACITIES

REFERENCE TABLE FOR STEEL & STAINLESS STEEL WIRE & ROD WELDERS

LOW-MILD-HIGH CARBON STEEL, STAINLESS STEEL, STEEL-ALLOY, WIRE & 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

HAND-HELD TYPE

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

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

SPECIAL USE MICRO-WELD UNITS

Heater and Anneal Units		Electro-Cut Units-for severing and fusing steel cable and rope	
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 .875
		D-5	.625 to 1.50

STRAND TIRE CORD MATERIALS, STEEL

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

NEW SUPER HEAVY DUTY MODEL ADX-1 BUTT WELDER

MODEL	WELDING CAPACITY (in.)
ADX-1	.250" to 1.00"

See back for copper, aluminum (non-ferrous) butt welder capacities



METRIC CAPACITIES

REFERENCE TABLE FOR STEEL & STAINLESS STEEL WIRE & ROD WELDERS

LOW-MILD-HIGH CARBON STEEL, STAINLESS STEEL, STEEL-ALLOY, WIRE & 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	15.88
J4S	1.01	4.06	HX	3.18	19.05
J5S	1.52	6.35	MD-4	6.35	19.05
J6S	4.74	9.52	MD-5	12.70	28.57
J8S	6.35	12.70	MD-6	19.05	38.10

HAND-HELD TYPE

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

FLAT STOCK WELDERS, STEEL STRIP

MODEL	MINIMUM THICKNESS (mm)	MAXIMUM WIDTH (mm)
J4SF	.25	19.05
J5SF	.25	25.40
J6SF	.50	31.75

SPECIAL USE MICRO-WELD UNITS

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

STRAND TIRE CORD MATERIALS, STEEL

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

NEW SUPER HEAVY DUTY MODEL ADX-1 BUTT WELDER

MODEL	WELDING CAPACITY (mm)
ADX-1	6.35mm to 25.40mm

Welders Feature:

- Manual or Pneumatic Clamping
- Pivot Type or Straight Slide Welding Headpieces
- Self-Aligning Welding Dies
- Exclusive Micro-Weld Annealing System

Micro-Weld Customer Service & Support Worldwide

For More Information, Contact:

Micro Products Company
1886 E. Fabyan Parkway
Batavia, Illinois 60510 (U.S.A.)
Toll-Free: 1-800-872-1068 (in U.S.A.)
Phone: 630-406-9550
Fax: 630-406-9552
Email: info@micro-weld.com

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Butt Welders
Since 1928
Over 80 years of
excellence