

ROCKLIN
MOLDMENDER
MICRO WELDER

**MOLD AND DIE
REPAIR EQUIPMENT**

MODEL 912



APPLICATIONS & CAPABILITIES

The MoldMender Micro Welder repairs plastic injection molds, rubber processing molds, and die casting molds and dies made of steel. Typical applications are parting lines, corners / edges, pin holes / scratches, machining errors, etc.

Repairs are accomplished by producing interlinking spot welds to totally bond the repair material to the desired area of the work piece. The repair material used is normally the same material as the work piece, producing a fully hardened repair ready for finishing. Since the amount and location of the repair material can be precisely controlled, the minimal finishing that is required can easily be performed with any of the standard methods such as EDM'ing, grinding, machining, plating, etc.

The repairs are produced by a low heat, non-arc welding process. This produces a weld with the least amount of heat so shrink lines and other cosmetic defects are eliminated.

"Welding a mold or die is as simple as placing metallic ribbon, wire, or paste over the area to be repaired. Then roll the electrode over this area to permanently bond the welding material to the workpiece."

HIGHLIGHTS

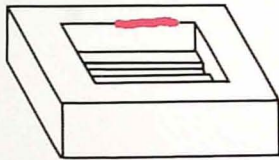
- Push Button Controls for exact machine settings
- Six Low Power settings for delicate repairs
- Eight High Power settings for faster and heavier repairs
- Variable Weld Speed control for various job demands
- Automatic Indicator Lights for assistance in machine settings
- Audio Weld Indicator for ease of operation
- Heavy Duty Rotary Hand Piece, Cables and Copper Ground Plate
- 100% Solid State electronics for reliable operation
- Employs a non-capacitive, resistance welding process for more dependable results
- Made in USA by an established company providing prompt service



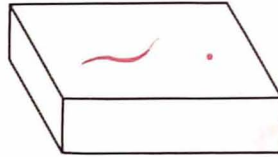
FEATURES

- Easy operation — quick repairs for steel molds and dies
- No welding experience necessary
- Adjustable weld time for the most delicate jobs
- No preheating or heat treating necessary
- Rotary electrode holder for fast and convenient operation
- Large selection of repair materials
- Minimal finishing such as EDM'ing, grinding, machining, plating, etc.
- No fluxes, chemicals, or shielding gasses for safety and ease of operation
- Low voltage output for operator safety
- Completely portable and light weight

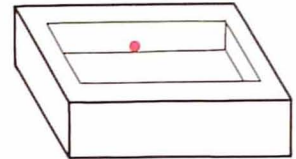
TYPICAL APPLICATIONS



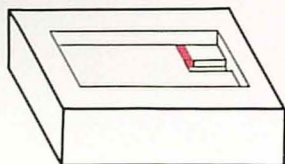
REPAIR PARTING LINES & EDGES



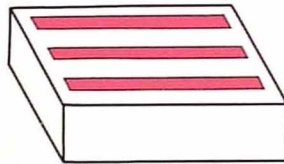
REPAIR SCRATCHES & PIN HOLES



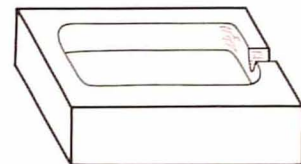
REPAIR GATES & VENTS



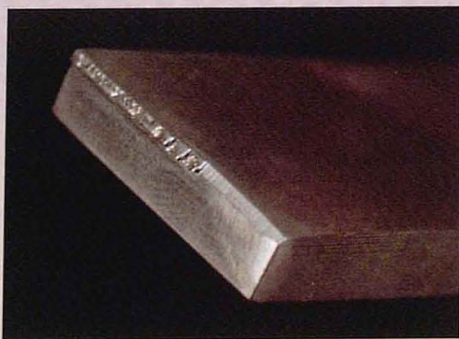
MAKE DESIGN CHANGES



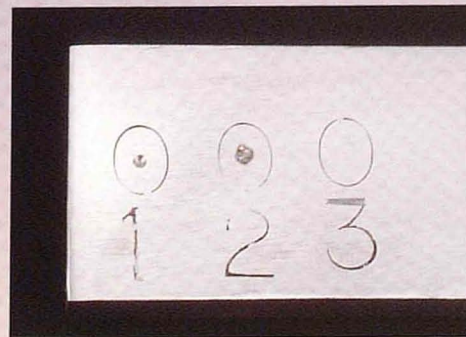
INSTALL SHIMS



REPAIR HEAT CHECKS



PARTING LINE / EDGE REPAIR



1) PIN HOLE 2) WELD 3) FINISHED

Metallic ribbon (thin strips of steel) with the same composition as the work piece are welded continuously to the work piece a spot at a time. This allows consistent quality welds with minimal heat. Minimizing the heat on the repair area makes it possible to weld without shrink lines, distortion, or discoloration which is commonly associated with other welding processes.

ACCESSORIES AND MATERIALS



SPECIFICATIONS

POWER REQUIREMENTS :

110 - 120 volt, 50 - 60 Hz., A.C.
(220 - 240 volt models available)

DIMENSIONS :

(W x L x H) : 10" x 12" x 14"
(255 mm x 305 mm x 355 mm)

SHIPPING WEIGHT :

67 lbs. (30.5 kg.)

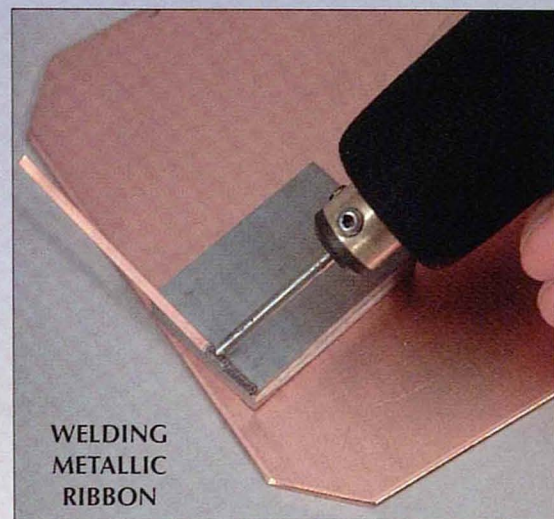
WELDING MATERIAL AVAILABLE

A - 2	O - 1	17 - 4 PH
H - 13	P - 20 (NAK)	312 SS
INCONEL	S - 7	316 SS
M - 2 (D - 2)	W - 2	410 SS
NICKEL	STELLITE	420 SS

FOR DEMO OR APPLICATION ASSISTANCE

CALL FREE: 1-800-255-6046

FAX: 1-712-252-5619



WELDING
METALLIC
RIBBON

ROCKLIN
MANUFACTURING CO.

"Manufacturers for 65 Years"

110 SOUTH JENNINGS STREET
P.O. BOX 1259
SIOUX CITY, IOWA 51102-1259 USA

(800) 255-6046 • (712) 255-6046
FAX: (712) 252-5619

WEB: www.rocklinmanufacturingco.com
E-MAIL: info@rocklinmanufacturingco.com

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