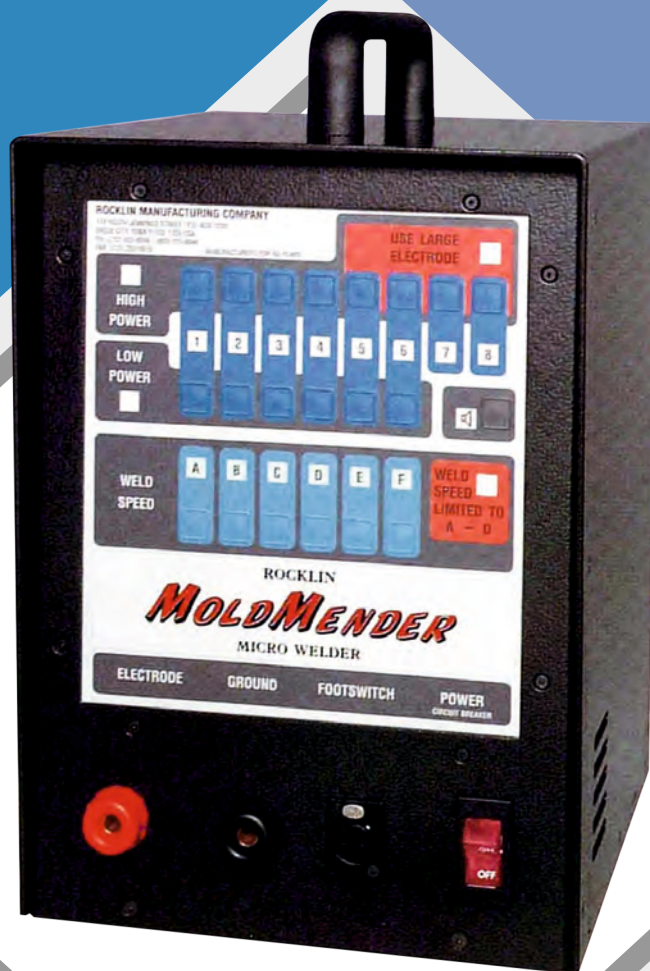


**ROCKLIN**  
***MOLDMENDER***  
**MICRO WELDER**

**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 interlocking 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 head, non-arcing welding process. This produces a weld with the least amount of heat so shrink lines and other cosmetic are eliminated.

“Welding a mold or die is as simple as placing 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

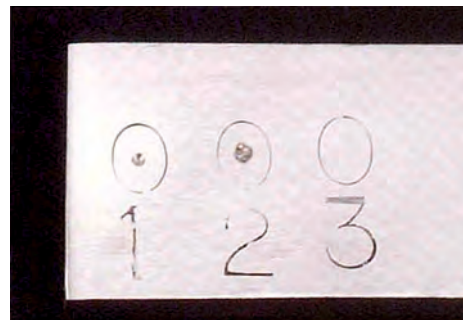
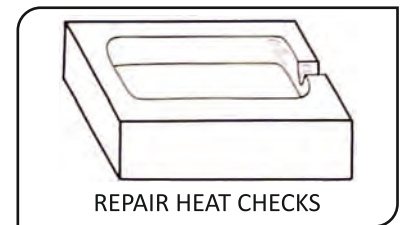
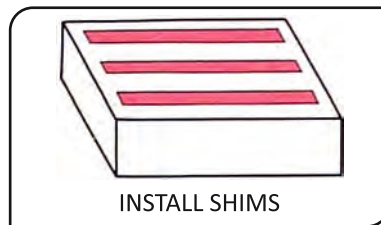
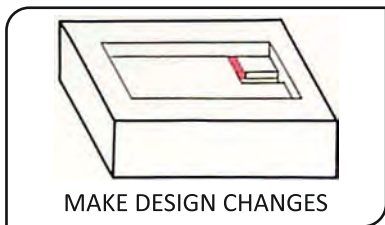
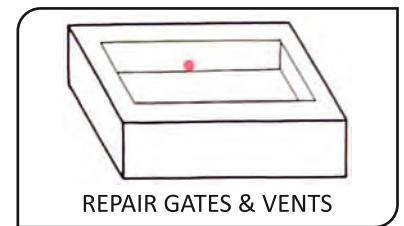
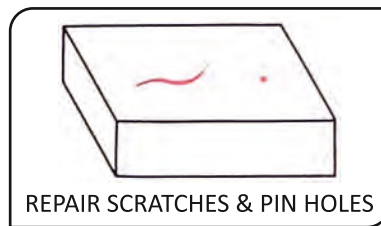
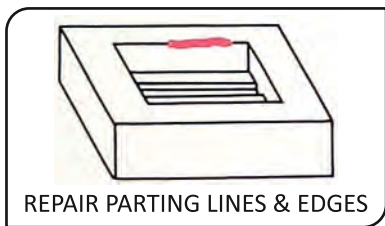
- Push Button Controls for exact machine settings.
- Six Low Power settings for delicate repairs.
- Fight High Power settings for faster and havier repairs.
- Variable Weld Speed control for various job comands.
- Automatic Indicator Lights for assistance in machine settings.
- Audio Weld Indicator for ease of operation.
- Heavy Duty Factory 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 gases for safety and ease of operation.
- Low voltage output for operator safety.
- Completely portable and light weight.

## TYPICAL APPLICATIONS



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.

## APPLICATIONS & 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. )

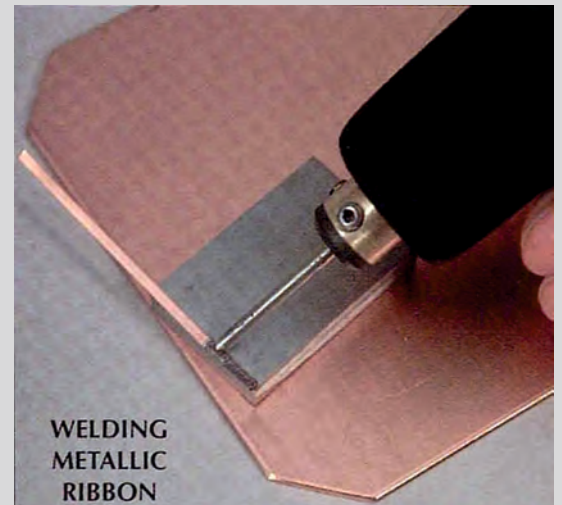
### WELDING MATERIAL AVAILABLE

A - 2	0 - 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**



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