

PARTS & ACCESSORIES

Mold and die repairs are made by bonding a piece of 0,20 thick ferrous ribbon material or 0,30 or .0,50 diameter wire or metallic paste / powder to the desired areas on a steel workpiece.

The ribbon material or wire usually is in the annealed state before microwelding, but will be in the hardened state after being bonded in place. The hardness of the microweld will vary of course, according to what material is used in the repair, which should have the same or similar properties as the workpiece. Stainless steel, nickel alloys, and mold steels, such as P-20, S-7, A-2, and 420 stainless are some of the more commonly repaired materials.

We offers a full line of MoldMender Micro Welder parts & accessories.



Specifications

- Power Requirements
220 - 240 volt, 50-60 Hz., A.C.

Dimensions

- W x L x H: 255 mm x 305 mm x 355 mm
- **Shipping Weight** 22.7 kg.

Rocklin MoldMender Microwelders come complete with power cord, foot switch and cable, metal scissors, electrode holder and cable, ground plate and cable, small electrode, large electrode, repair materials (choice of 4 metallic ribbons, 2 metallic wires and 1 metallic paste), and instruction manual.

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MOLD MENDER MICRO WELDER



MOLD AND DIE REPAIR EQUIPMENT

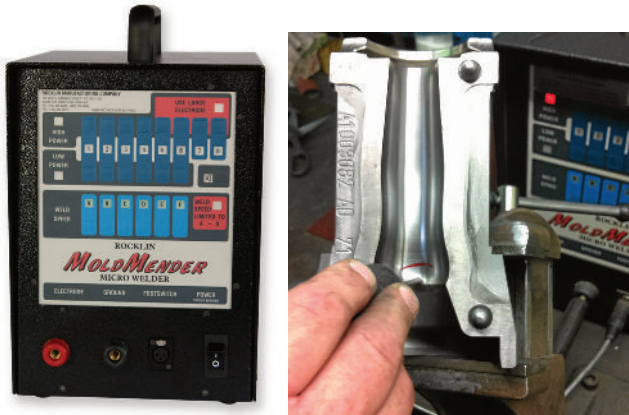
Easy operation-quick repairs
for steel molds and dies

APPLICATIONS & CAPABILITIES

Rocklin MoldMender Microwelder weighs only 18 kg and is very portable, allowing repairs to be performed anywhere in the shop, including mold repair in the injection molding machine.

No previous molding experience is required to operate the Rocklin MoldMender Microwelder.

Rocklin MoldMender Microwelders have six low power selections and eight high power selections, which adjust the microweld pulse length to accommodate different microwelding situations. Also, the microweld speed (number of microwelds per second) has six selections.



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

MOLD MENDER

Mold and die 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, polishing, etc.

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 Micro Weld Speed control for various job demands
- Automatic Indicator Lights for assistance in machine settings
- Audio Micro 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 micro welding process for more dependable results
- Made in USA by an established company providing prompt service

The Rocklin MoldMender Micro Welder, using a non-arcing spot welding process, translates to three key advantages:

- Universal hardness across the weld
- No shrinking next to the weld or splatter on adjacent areas
- Minimal finishing on repairs

FEATURES

- Easy operation - quick steel mold and die repair
- No micro welding experience necessary
- Adjustable micro 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, polishing, etc.
- No fluxes, chemicals, or shielding gasses for safety and ease of operation
- Low voltage output for operator safety
- Completely portable and lightweight

MOLDMENDER MICROWELDER

Mold & Die Repair Equipment repairs molds and dies made of steel.