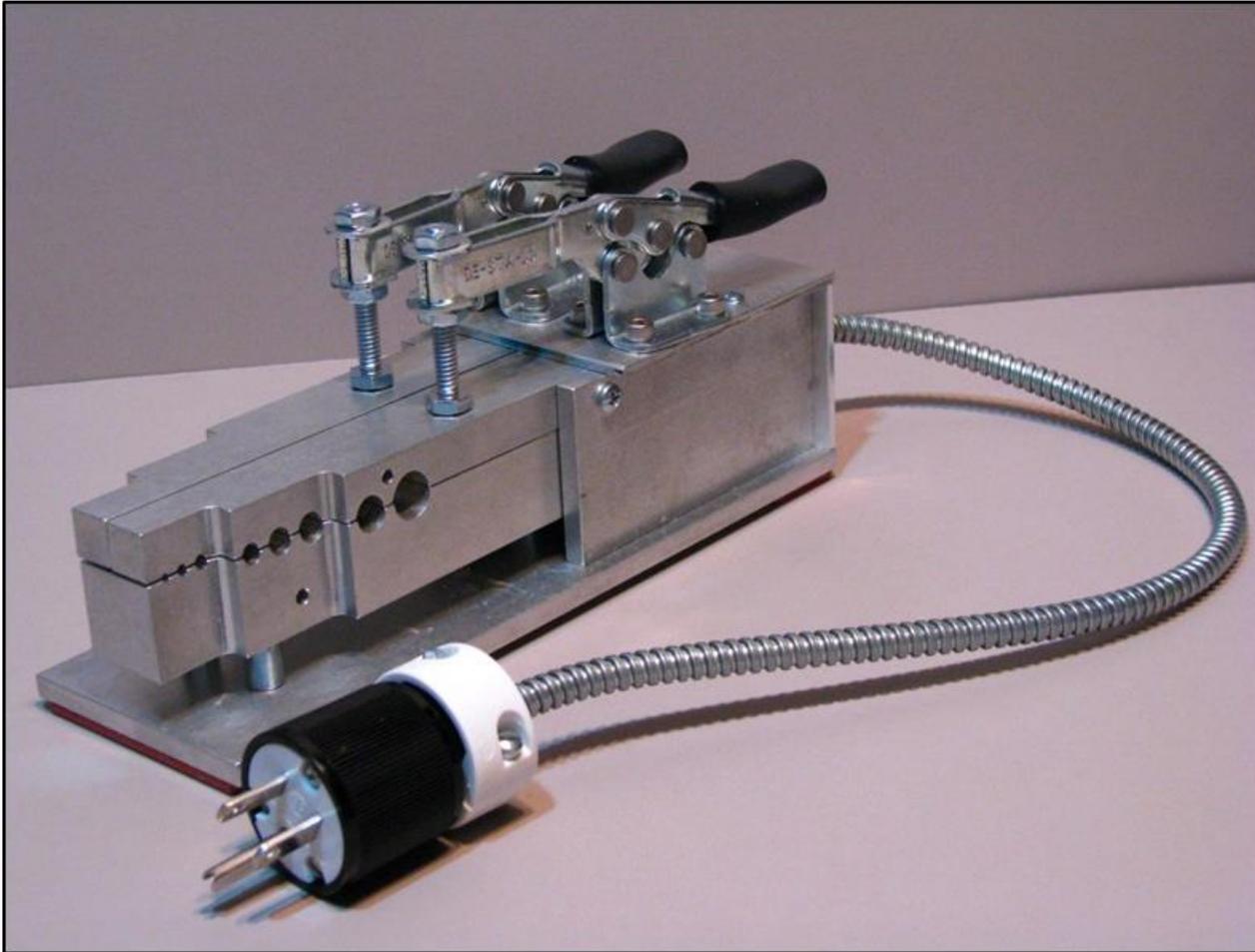


# MODEL EB500



Featuring convenience and portability; O-Rings can be made in tight locations

A one-piece, hand-operated, tabletop unit. Top and bottom dies close against each other by means of a hinged pivot.

Adjustable toggle clamps maintain proper control and squeeze of O-Ring cross sections.

Toggle clamps lift the upper dies to allow for easy removal of the O-Ring after bonding. The unit is instantly ready to bond another O-Ring without the need for additional unit air or water cooling time.

Die size: 2 in. wide x 6 in. long (6061-T6 Aluminum)

Voltage: 115VAC, 60 Hz., 500 Watts

Temperature is factory preset to 335° F± 10°

Foot Print: 3 in. x 9 1/8 in.

(3) Non-Changeable Die Set Model Options Available. (Please see below)

PLEASE NOTE: This unit does not have adjustable temperature. The factory preset temperature of 335° F± 10° is suitable for NBR (Buna-N), EPDM and CR(Neoprene) Cord Stock Materials. For other materials such as VMQ (Silicone), FKM (Viton®) and Sponge Rubber (Open or Closed Cell) we recommend models DB or PB that are equipped with temperature adjustment controls.

# MODEL DB400



The features of the EB Bonders, mounted on a Heater Control Module containing an adjustable analog temperature controller.

Temperature Control Range 0 to 392° F (200 C)

Suitable for NBR (Buna-N), EPDM , CR(Neoprene), VMQ (Silicone), FKM (Viton® ) and Sponge Rubber (Open or Closed Cell) Cord Stock Materials

Adjustable toggle clamps maintain proper control and squeeze of O-Ring cross sections.

Toggle clamps lift the upper dies to allow for easy removal of the O-Ring after bonding. The unit is instantly ready to bond another O-Ring without the need for additional unit cooling time.

Die size: 2 in. wide x 6 in. long (6061-T6 Aluminum)

Voltage: 115VAC, 60 Hz., 500 Watts.

Foot Print of metal cabinet: 6 in. x 10

(2) Non-Changeable Die Set Model Options lead to significant cost savings

# MODEL DBX500



The features of the DB Bonders, with the addition of a changeable die set design. (The added "X" in our part numbers indicates models with die change compatability)

The Heater Control Module contains an adjustable temperature controller and is is equipped with analog controls with a temperature control range of 0 to 392° F (200 C)

Suitable for NBR (Buna-N), EPDM , CR(Neoprene), VMQ(Silicone), FKM (Viton® ) and Sponge Rubber (Open or Closed Cell) Cord Stock Materials

Adjustable toggle clamps maintain proper control and squeeze of O-Ring or Custom Shape cross sections.

Toggle clamps lift the upper dies to allow for easy removal of the O-Ring after bonding. The unit is instantly ready to bond another O-Ring without the need for additional unit cooling time.

Die size: 1 in. wide x 3.5 in. long (3-pc aluminum inserts)

Voltage: 115VAC, 60 Hz., 500 Watts.

Foot Print of metal cabinet: 6 in. x 10

(5) Changeable Die Set Options are available; including Standard Inches, Standard Metric, Custom and Blank Die Sets

# MODEL PBX700



The PBX Models are benchtop units consisting of a pneumatic vertical press controlled by dual air cylinders and activated by use of a foot pedal thus allowing for hands-free (2-hand) positioning of rubber cord stock.

Adjustable air pressure regulator permits a controlled squeeze of the rubber O-Ring cord or extrusion, compensating for any cord stock cross-sectional deviation. Air pressure can be adjusted up to 100 psi, allowing the process squeeze to be regulated based upon the durometer and outside diameter/profile shape of the rubber cord.

PBX Bonders contain adjustable time and temperature controls and are available in 2 Models: Order either ANALOG (PBX700A) or DIGITAL (PBX800D) Time and Temperature Controls.

(2) heaters; one in each top and bottom platen.  
Temperature control range of 0 to 392° F (200 C)

Both Models contain adjustable timers for automatic separation of the die-sets; ensuring that proper bonding time is maintained.

Changeable die set design. (The added "X" in our part numbers indicates models with die change compatability).  
Quick, 2-minute, die changes (8 screws)

Suitable for NBR (Buna-N), EPDM , CR(Neoprene), VMQ(Silicone), FKM (Viton®) and Sponge Rubber (Open or Closed Cell) Cord Stock Materials

Die size: 2 in. wide x 4 in. long (2-pc aluminum)

Voltage: 115VAC, 60 Hz., 800 Watts.

Overall unit size: 12 in. wide x 12 in. deep x 14 in. high.

(3) Changeable Die Set Options are available; including Reversible Standard Inch/Metric, Custom and Blank Die Sets (Ordered separately)

# MODEL PBX800



The PBX Models are benchtop units consisting of a pneumatic vertical press controlled by dual air cylinders and activated by use of a foot pedal thus allowing for hands-free (2-hand) positioning of rubber cord stock.

Adjustable air pressure regulator permits a controlled squeeze of the rubber O-Ring cord or extrusion, compensating for any cord stock cross-sectional deviation. Air pressure can be adjusted up to 100 psi, allowing the process squeeze to be regulated based upon the durometer and outside diameter/profile shape of the rubber cord.

PBX Bonders contain adjustable time and temperature controls and are available in 2 Models: Order either ANALOG (PBX700A) or DIGITAL (PBX800D) Time and Temperature Controls.

(2) heaters; one in each top and bottom platen.  
Temperature control range of 0 to 392° F (200 C)

Both Models contain adjustable timers for automatic separation of the die-sets; ensuring that proper bonding time is maintained.

Changeable die set design. (The added "X" in our part numbers indicates models with die change compatibility).  
Quick, 2-minute, die changes (8 screws)

Suitable for NBR (Buna-N), EPDM , CR(Neoprene), VMQ(Silicone), FKM (Viton®) and Sponge Rubber (Open or Closed Cell) Cord Stock Materials

Die size: 2 in. wide x 4 in. long (2-pc aluminum)

Voltage: 115VAC, 60 Hz., 800 Watts.

Overall unit size: 12 in. wide x 12 in. deep x 14 in. high.

(3) Changeable Die Set Options are available; including Reversible Standard Inch/Metric, Custom and Blank Die Sets (Ordered separately)