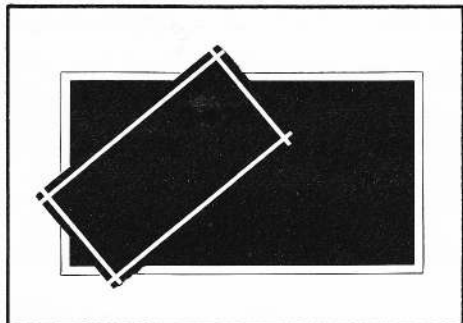
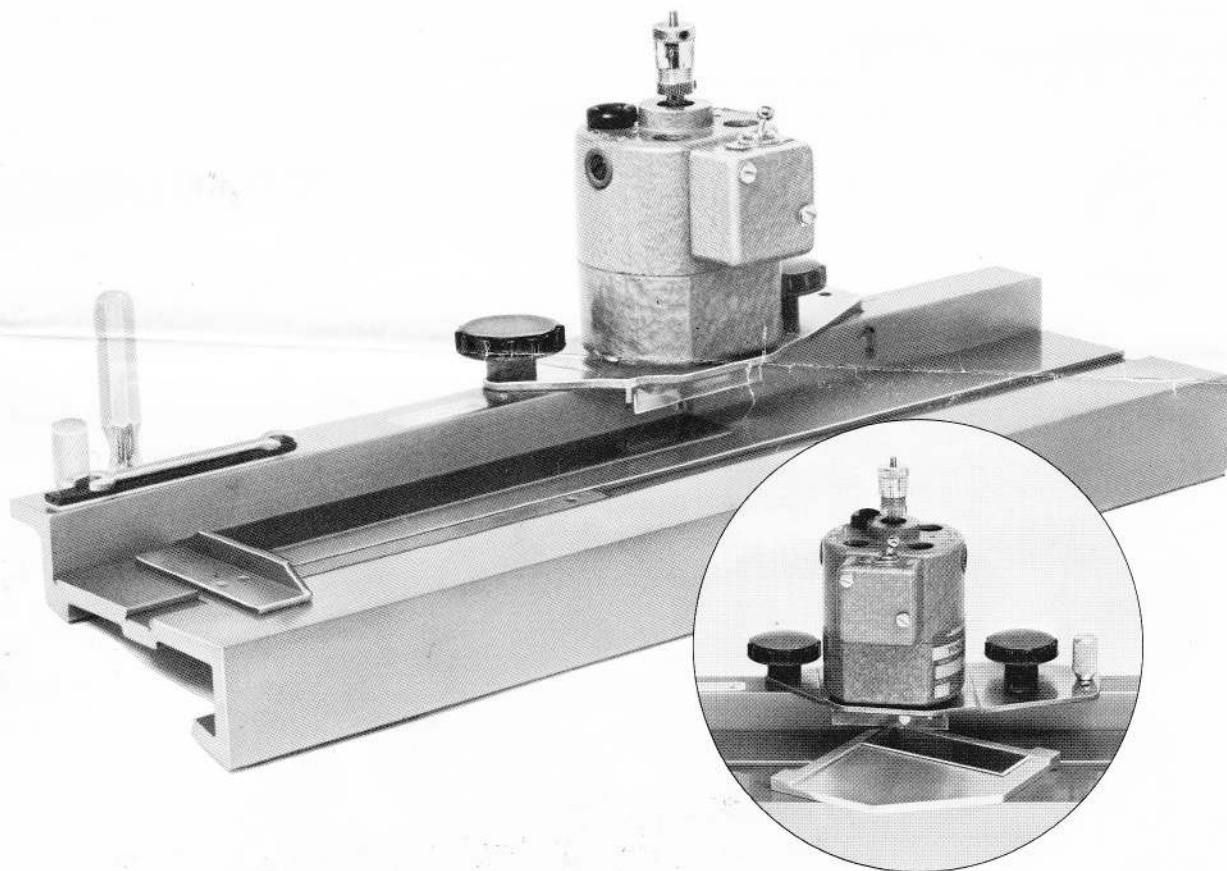


# have it both ways with the New Hermes beveler and corner rounder



**BOB WHALE**

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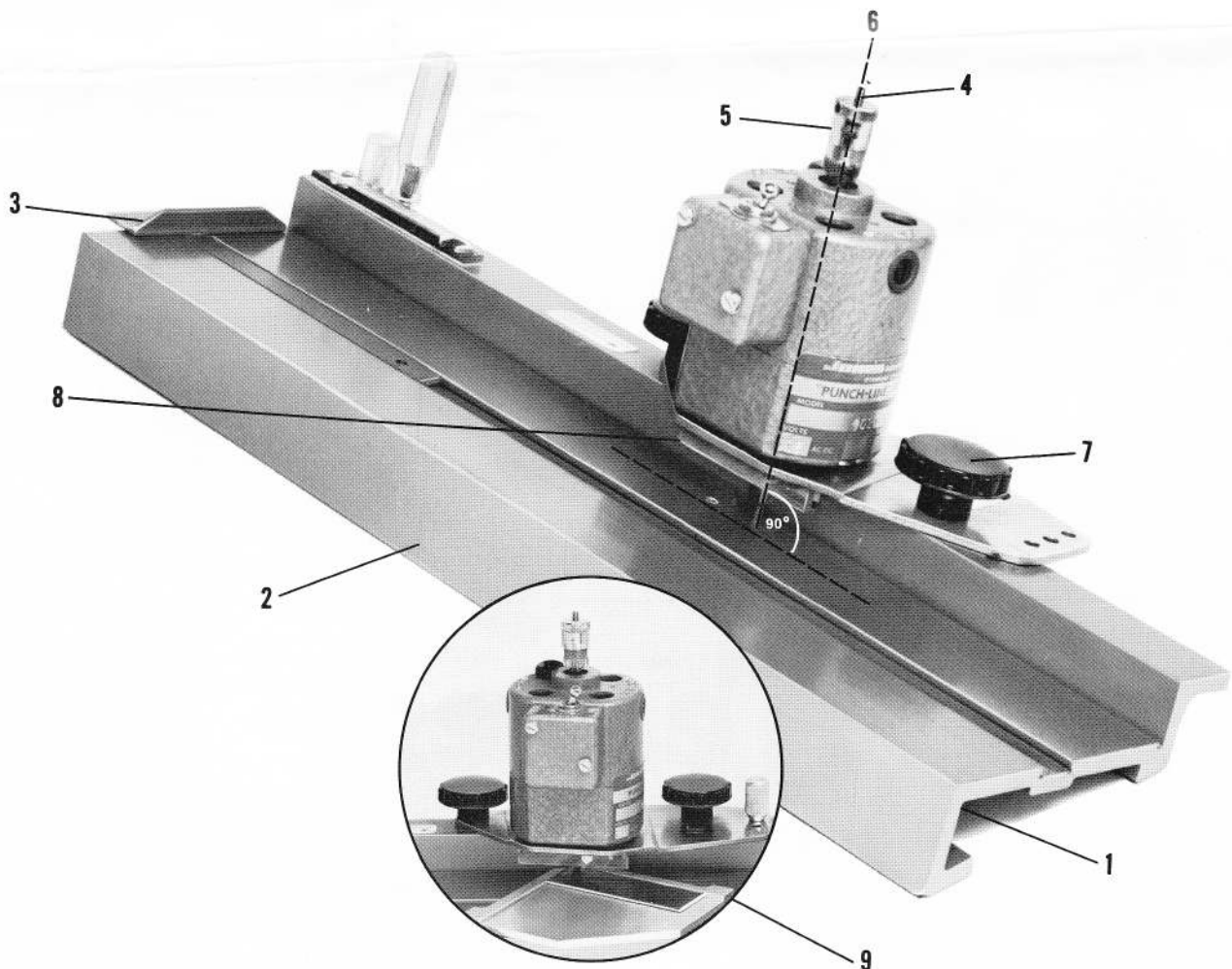
# A new angle in beveling with New Hermes beveler model B-5

It's easy to make laminated nameplates more attractive by beveling them all around to show a contrasting color edge.

Model B-5 gives a uniform bevel, avoiding the usual inaccuracies associated with beveling on sanding machines.

## Here are the unique features:

1. Base is angled  $15^\circ$  so that gravity helps to keep material in position and operator can observe the beveling process.
2. Largest base of any beveler on the market —  $17" \times 3 \frac{3}{4}"$ .
3. Movable tee square guide for accurate beveling of narrow edges.
4. Insertion of beveling cutter from the top through the motor shaft facilitates easy adjustment and change of cutters.
5. Micrometer cutter head can be adjusted in  $.004$  increments to insure precise cutting depth and width of bevel.
6. Unique construction insures that the cutter is always perpendicular to the material for accurate border cutting and beveling.
7. Simple adjustment provides a wide variety of borders.
8. Transparent cutter guard gives complete visibility.
9.  $\frac{3}{16}"$  radius corner rounder for phenolic, acrylic and all thermoplastic materials is easily attached to beveler.



# So simple to operate

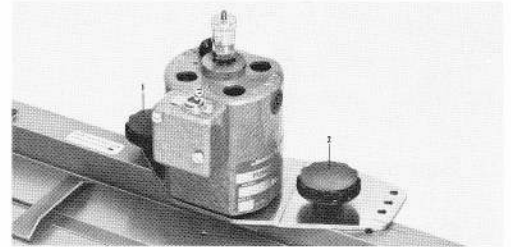
## Beveling cutters and tools are packed separately.

### 1. Open knobs 1 and 2 (III. 1)

Motor plate has an indicator line which should line up with the indicator line on the base.

Lock both knobs.

III. 1



### 2. Put wrench on the flat on top of motor shaft and insert cutter — screwing down counter-clockwise until tight. (III. 2)

### 3. Coarse Depth Adjustment (III. 3)

Loosen both set screws on cutter head with hex wrench and push cutter down to about 1/8" from the base. Tighten set screws.

### 4. Fine Depth Adjustment (III. 3)

The cutter head is equipped with a micrometer which can be adjusted in .004 increments.

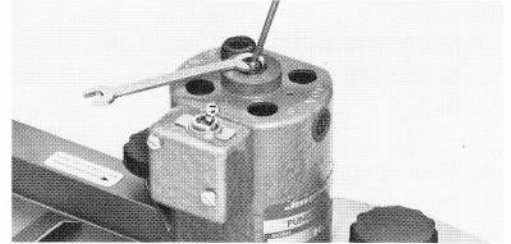
Loosen the lower set screw with hex wrench.

Rotate the upper half clockwise for deeper bevel and counterclockwise for shallower bevel.

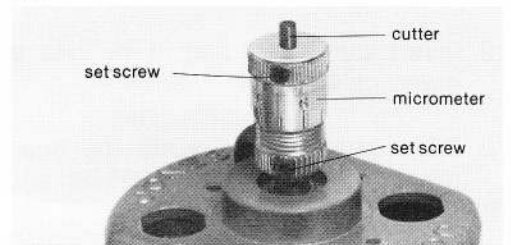
After setting depth lock set screws.

Attention: Both set screws on the cutter head always have to be tightened except when setting depth.

III. 2



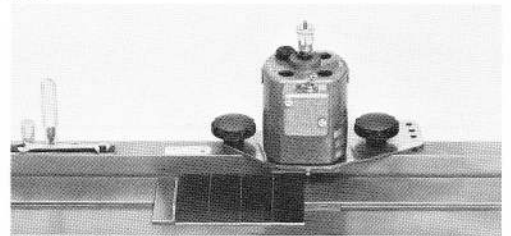
III. 3



III. 4



III. 5



### 5. The operator simply slides the nameplate across the back edge of the work table under the rotating cutter.

Work feed should always be left to right. (III. 4)

### 6. For beveling short ends use precision square as illustrated. (III. 5)

### 7. For bordering: (III. 6)

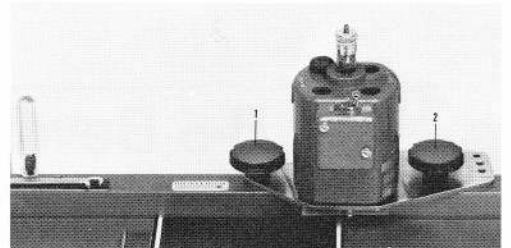
Remove cutter by turning clockwise.

Insert border cutter. Set depth (see 3 and 4).

Loosen knobs 1 and 2 on motor plate and swing to desired bordering position. Lock both knobs.

Reverse the precision square in the groove as illustrated for bordering.

III. 6



# Have it both ways —

The New Hermes Beveler can be used for more than border effects and beveling — An ingenious attachment allows making an attractive 3/16" radius on Gravoply, Phenolic, 2-Plex and Acrylic.

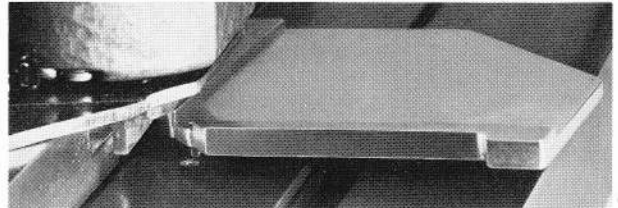
## Corner rounder

1. Remove beveling cutter.
2. Open knobs 1 and 2 and swing motor plate all the way back. See. III. 7.
3. Corner rounding jig has a pin underneath. Insert this pin in the hole on the base underneath the motor. See III. 8.
4. Then swing the motor plate forward until the hole in the base is lined up with the hole in the motor plate. Insert dowel pin for accurate alignment. Lock both knobs. See III. 9.
5. Insert cutter so that it is just below the corner rounding jigs.
6. Place nameplate against the two edges of corner rounding jigs and swing 90° left and right. See III. 9.

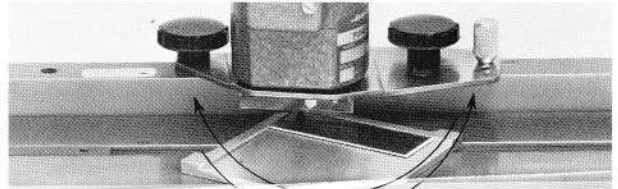
III. 7



III. 8



III. 9



## Bevel and border cutters

Solid carbide for long wear, 1/8" diameter

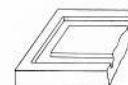
Combination bevel and corner rounding cutter  
Part No. 40-643-00



45°



Border cutter — for flat border effects  
Part No. 40-642-30



## B-5 Beveler Standard Equipment

- \* Motor hollow shaft 115V Universal AC-DC
- \* Precision Micrometer cutter head
- \* Movable tee square guide
- \* 3/16" radius corner rounding jig
- \* Solid carbide cutter for beveling and corner rounding
- \* Knurled dowel pin
- \* Hex wrench
- \* Allen wrench