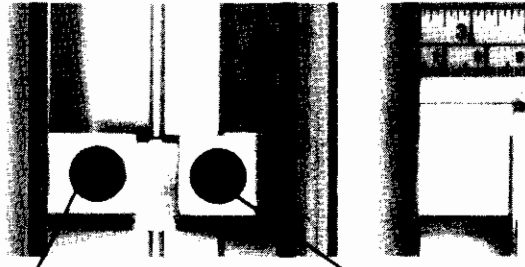


SQUARING YOUR MACHINE

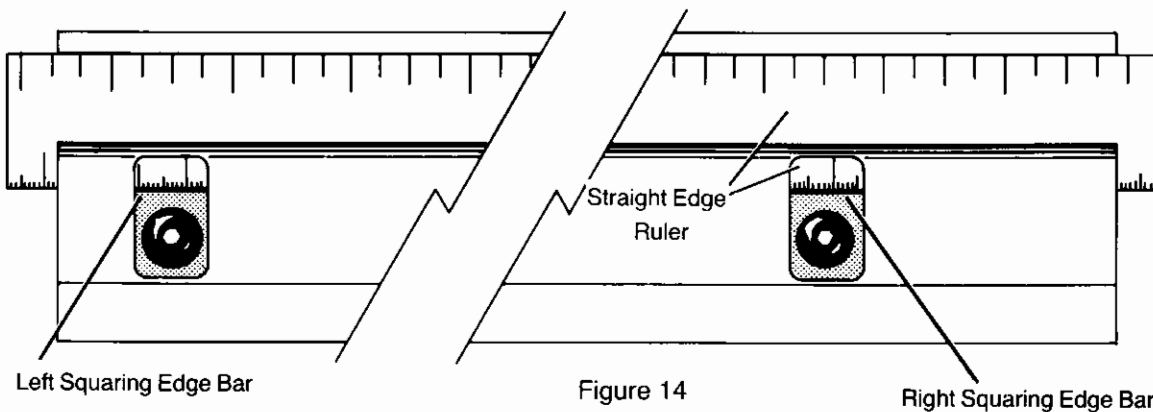
In normal use the machine will make square cuts indefinitely. If it eventually becomes necessary to confirm this or change the squaring adjustment, following is the procedure to be used. Your machine has two separate **Squaring Edge Bars**. The one on the left pivots near the cutting line and has two separate **Eccentric Nuts** to raise or lower the **Squaring Edge Bar**. The one in the **Right Support** also pivots near the cutting line and has one **Eccentric Nut** to raise or lower the right end. For reference purposes in this manual, these **Eccentric Nuts** are numbered 1, 2, and 3 from left to right.

Tools required are an adjustable wrench, the $\frac{5}{32}$ inch allen wrench provided, and a good straight edge at least 4 feet long. Each of the three **Eccentric Nuts** operates the same way. With the button head hex screw loosened, turning one of the **Eccentric Nuts** behind the **Horizontal Extrusion** will cause the **Squaring Edge Bar** to be raised or lowered depending on the direction the **Eccentric Nut** is turned. See figure 15



Left Squaring Edge Bar Figure 13 Right Squaring Edge Bar

1. Brush all glass chips from both **Squaring Edge Bars**.
2. Lay the straight edge on the **Left Squaring Edge Bar** and adjust the left most (number 1) **Eccentric Nut** to make the **Squaring Edge Bar** straight. This is confirmed by seeing the straight edge in contact with the **Squaring Edge Bar** in both cut outs and at the pivot screw at the right end. See Figure 13
3. Slide the straight edge to the right so it lays on the **Right Squaring Edge Bar** and the **Left Squaring Edge Bar**. Holding the left part of the straight edge down on the **Left Squaring Edge Bar**, adjust the right most (number 3) **Eccentric Nut** if necessary, to bring the **Right Squaring Edge Bar** in contact with the straight edge. Again this can be easily observed in the cut out. See Figure 14



Left Squaring Edge Bar

Figure 14

Right Squaring Edge Bar

Note: Steps 2 and 3 are required whenever any change is made to any of the **Eccentric Nuts**. The purpose is to insure both **Squaring Edge Bars** are straight and lined up with one another.

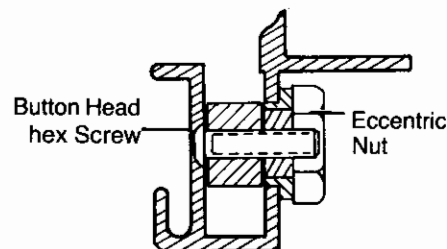


Figure 15

SQUARING YOUR MACHINE

(CONT.)

4. Use a large piece of mat board material or plastic (at least 32 X 40) to check squareness. Make sure one long edge is straight. Lay that edge on the SQUARING EDGE BARS in position as though you were going to cut the board in half. Using the board cutting blade make a short (1/4 inch long) cut at the bottom and another short cut at the top.
5. Remove the board and rotate it end for end and place it back in the machine. The same bottom edge must still be on the SQUARING EDGE BARS.
6. Slide the board into position so the cutting blade is lined up perfectly with the cut at the bottom. Clamp the board.
7. Move the HEAD to the top of the board and make a short cut. No need to cut the entire material.
8. Examine the two cuts at the top, one made from each side of the board. If they coincide exactly, the machine is square. If they do not line up, the machine is out of square by 1/2 the distance between the cuts. If the cut you just made is to the right of the first cut the LEFT SQUARING EDGE BAR is too low and needs to be raised. Conversely, if the second score is to the left of the first, the LEFT SQUARING EDGE BAR needs to be lowered. Adjust the eccentric nut at the middle of the LEFT SQUARING EDGE BAR so the blade is exactly halfway between the two upper cuts while still in line with the cut at the bottom.
9. After any adjustment of the eccentric nut, repeat steps 2 and 3 to align both SQUARING EDGE BARS with one another. Adjust alignment with the far eccentric nut and the one in the RIGHT SUPPORT, not the eccentric nut in the middle of the LEFT SQUARING EDGE BAR.
10. After such adjustments, recheck squareness again as outlined in steps 4 through 8.



CAUTION: WEAR SAFETY GLASSES, GLOVES, AND PROTECTIVE CLOTHING WHEN HANDLING GLASS.

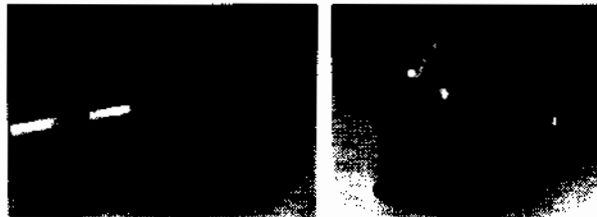
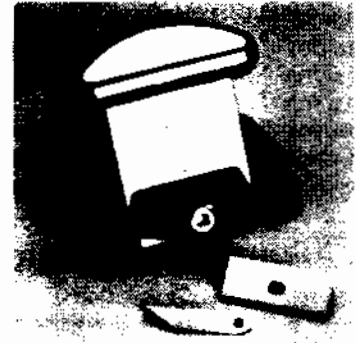
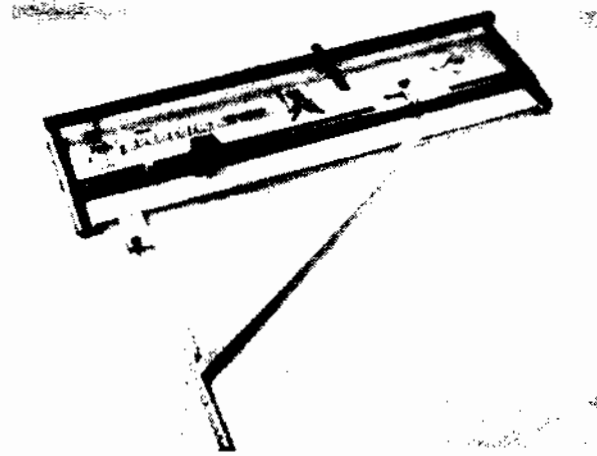
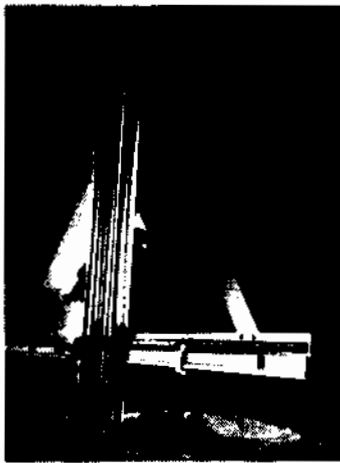
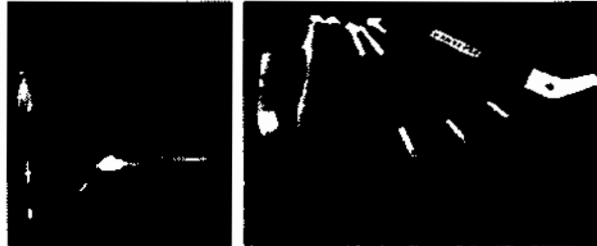
THE FLETCHER-TERRY COMPANY

65 Spring Lane, Farmington, Connecticut 06032-3311 U.S.A.

Telephone Inside Connecticut (860) 677-7331

Telex 966-479 FLETCHER FAON Fax (860) 676-8858

Toll Free Within U.S.A. 1-800-843-3826



"Quality Products Made in the USA"

- Fletcher® 2100 Professional Mat Cutting Machine 40", 48" and 60"
- Fletcher® 3000 Matboard, Glass and Plastic Cutting Machine 48" and 60"
- Fletcher® 1100 Oval/Circle Cutter
- FrameMate® Framers Point Driver
- #5 Glazing and Framing Point Driver
- FrameMaster® Framers and Glazing Point Driver
- Pneumatic FrameMaster®
- Glazing and Framing Points
- Triangle Points and Diamond Points
- Wax Free Stacked Points
- "Gold Tip®" Steel Wheel Glass Cutters
- "Gold Tip®" Carbide Wheel Glass Cutters
- ScoreMaster® I For Dry Cutting
- ScoreMaster® II Fluid Dispensing Glass Cutter
- Lightweight 6 Inch and 8 Inch Glass Cut-Running and Nipping Pliers.
- CircleMate® Glass Cutters
- ScoreMate Plastic Cutters
- MatMate Personal Mat Cutting

TRADEMARKS The following are trademarks of The Fletcher-Terry Company: "Gold Tip," "ScoreMaster," "FrameMate," "FrameMaster," "Super Keen."