

Position of plate
on C&H mat guide

Note: Limitations of the 6" mat guide width eliminates the use of these plates on mats larger than 12 x 16".

Instructions: for CH125 Multi Angle Plates Kit

With a clean cloth and lighter fluid, clean the length of the left hand side of the cutter bar and the mat guide. Slide the cutting head to the top. Remove stops. Remove release paper from the back of one of the 25" rulers. Place ruler $\frac{3}{8}$ " up from the bearing block. Align it along the left edge of the bar.

Loosen the clamping screw on the mat guide. Slide guide right until it stops. Tighten the screw. Align the other ruler to match bar ruler and apply as before. (Photo B) Press rulers down firmly when in position. Place a multi-angle plate to read 14 on the mat guide. This is read on the edge closest to you. (Photo C) Note the "Read Ruler Here" arrow.

Tighten clamping screw. We recommend laying each mat out by pencil before cutting. The stops can be set accordingly for production.

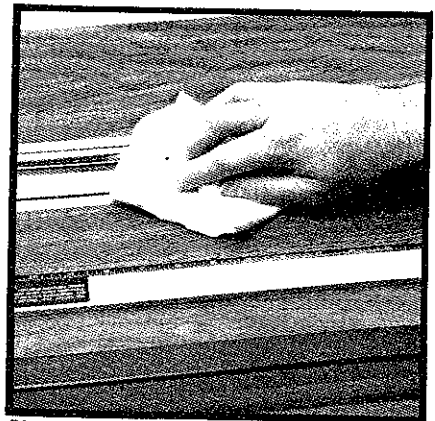


Photo A

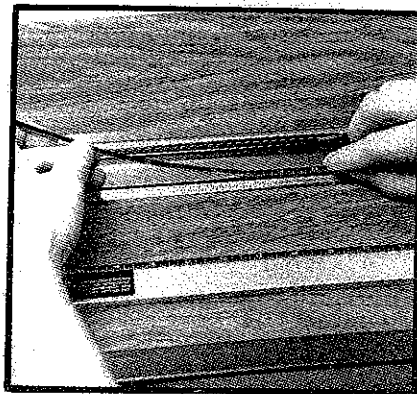


Photo B

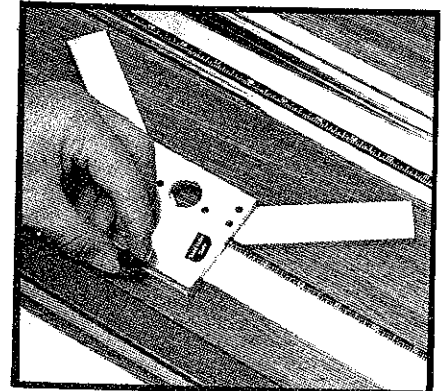
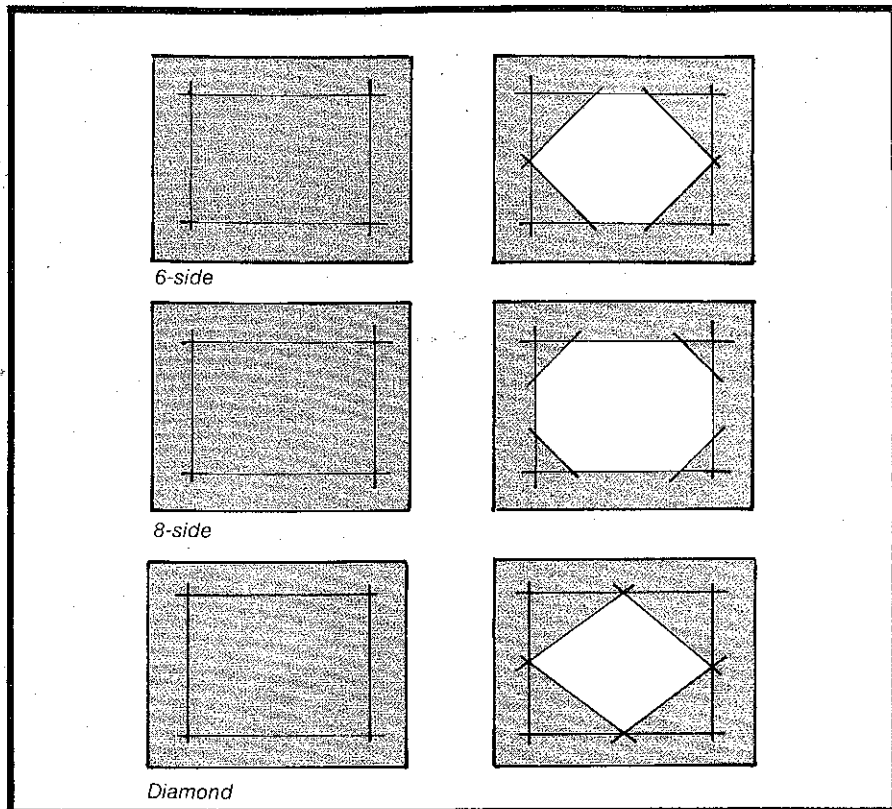
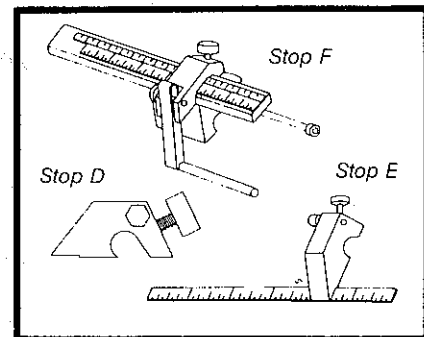


Photo C



Easy Multi-Angle Mats Without Marking Lines

Use multi-angle plates with the CH60 detachable stops. Follow the formulas below, making adjustments on measurements for overcuts or undercuts. NOTE: If you have the new longer 3" sliding block, add $\frac{1}{2}$ " to Stop D measurement. Stop D has longer screw than Stop E.

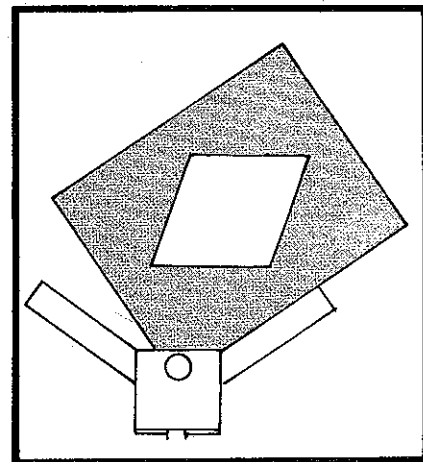


8"x10" Mat:

Diamond: Guide $4\frac{1}{8}$ ". Place D-side plate to read 14 on mat guide.

Top Stop D $20\frac{5}{16}$
 Bottom Stop E $11\frac{7}{8}$
 Long side against top

Top Stop D $18\frac{3}{16}$
 Bottom Stop E $9\frac{3}{4}$
 Long side against bottom



8"x10" Mat:

6-side: Guide $1\frac{1}{2}$, CH60 Stops F & E: Top $3\frac{7}{16}$, Bottom $3\frac{7}{16}$ (cuts for 2 straight sides). Guide $3\frac{5}{8}$.

Place 6 Side Plate to read 14 on mat guide.

Top Stop D $19\frac{3}{8}$

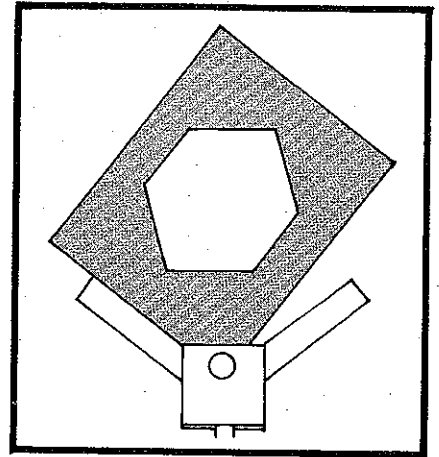
Bottom Stop E 12

Short side against top

Top Stop D $18\frac{1}{8}$

Bottom Stop E $10\frac{3}{4}$

Short side against bottom



8-side: For the four long cuts set guide at $1\frac{1}{2}$, CH60 Stops F & E: $2\frac{3}{4}$ Top, Bottom $2\frac{3}{4}$. Guide 3.

Place 8 Side Plate to read 14 on Mat Guide

Top Stop D 18

Bottom stop E $12\frac{1}{8}$

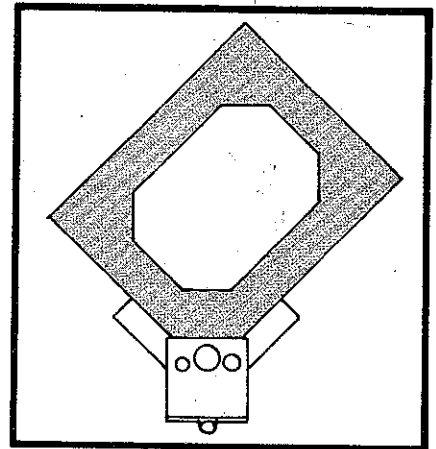
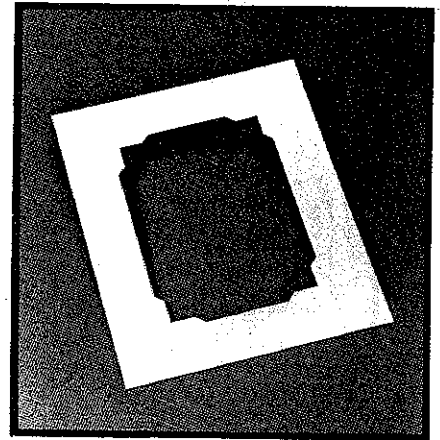


Photo Corner Mat

Use C&H multi-angle plate 8.
Example: 8 x 10".

1. For the four long cuts, set guide at $1\frac{1}{2}$ ", CH60 stops F & E at $2\frac{3}{4}$ " top and bottom. Cut all four sides.
2. Set guide at 3". Place 8-sided plate to read 14" on guide. Set stop D on 18" (add $\frac{1}{2}$ " if you have the longer 3-inch block). Set bottom stop at $12\frac{1}{8}$ ". Cut all four sides.
3. Set guide at $1\frac{3}{4}$ ". Set stops F & E at $1\frac{3}{4}$ ". Cut all four sides.



Cleaning The Cutter

To maintain your cutter the sliding block must flow freely. It should be cleaned thoroughly every two weeks. Remove blades first. To remove the block; remove the two screws that hold the bottom offset hinge to the

bearing block. Slide the bearing block off the rod. Slide the cutting head off the rod. With a soft cloth and SuperKote, clean the inside groove of the cutting head. Clean the entire length of the rod. Assemble again.

Solutions To Problems

Ragged Cut – blade bad, foreign matter in the mat board, improper number blade for use in cutter, forget the slip sheet for fabrics, silks, cork, suede and grasscloth.

Incomplete Cut – board warped, bow in bar, uneven table, blade no out far enough.

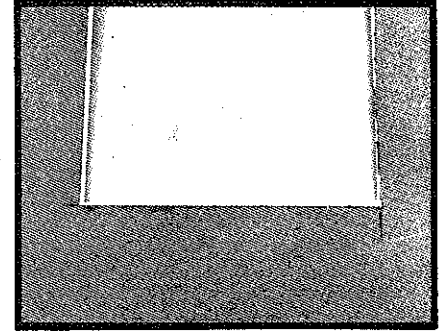
Overcuts on CH60 Stops – bring screw towards center of mat.

Undercuts with Stops – move screw away from mat.

Curve in Starting – blade out too far, not proper blade for cutter.

Curve in middle of mat cut – bow in table.

60" Cutter: The factory recommends that it be bolted to a flat table to insure straight cuts.

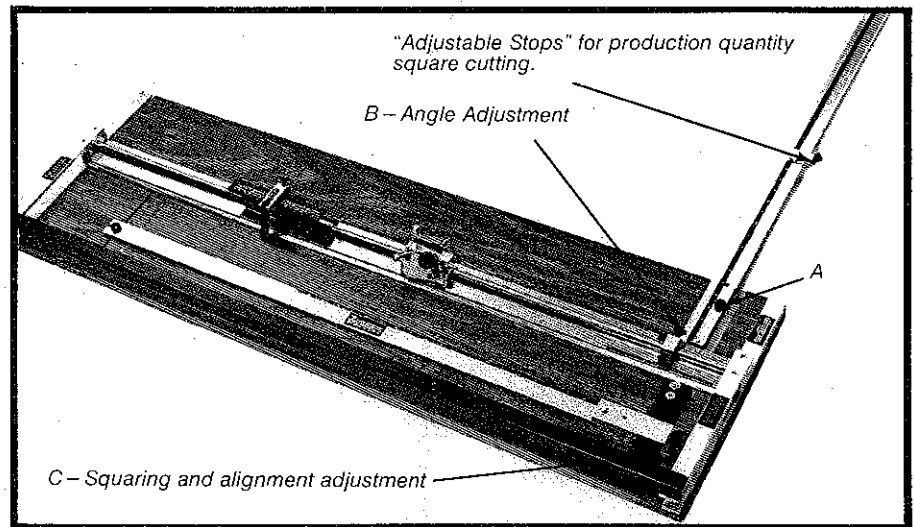


Adjusting Track For Square, Straight Cut

Screw "A" should be loose (not tight). Place a piece of mat board with a square corner (or framing square) on the 36" ruler guide bar. Turn angle adjustment screw "B" (with a screwdriver) moving track up or down until edge of mat board barely touches Guide Bar on cutter. Then tighten screw "A".

Check for squareness by cutting a piece of mat board, then place this newly cut edge on the ruler track and make another cut. Check these two cuts with a square. If adjustment is necessary, repeat above.

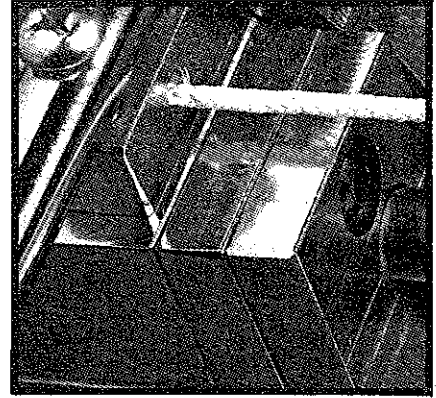
Note: "C" screw is for squaring and alignment of metal bar with guide attached.



Instructions: C&H Block Control Wear Adjustment

Eliminates all wobble and movement in block – new or used. Puts total accuracy of cutting head within your control indefinitely.

FOR C&H MODELS: 4060A,
4060B, 4060C, 6000A, 4800A.



To Adjust:

Loosen the front and the two back plates. (See Photo A) Adjust the bottom two plates first. (See Photo B) On the first plate (not touching block) apply slight pressure downward and right towards the cutter bar. On the second plate (touches block) apply slight pressure left to bar and downward. (See Sketch) Tighten screw. Slide block along entire length, checking for thickness. If block sticks at any point readjust with slightly less pressure.

Adjust top plate by applying pressure down and left to cutter bar. Tighten screw. (See Photo C) Slide block along entire length of bar checking for tightness as before.

Adjustment is complete when there is a minimum of looseness yet no tight spots along bar length. The block will slide smoothly but is as snug as possible. Desired setting may be achieved at first. Several positions may be tried to achieve the maximum tightness.

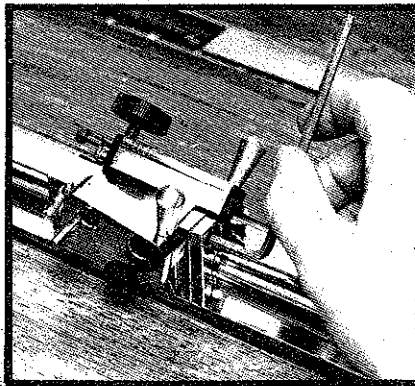


Photo A

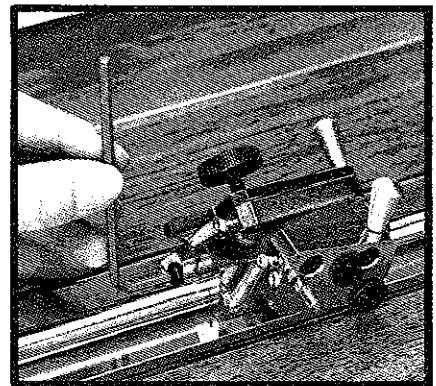
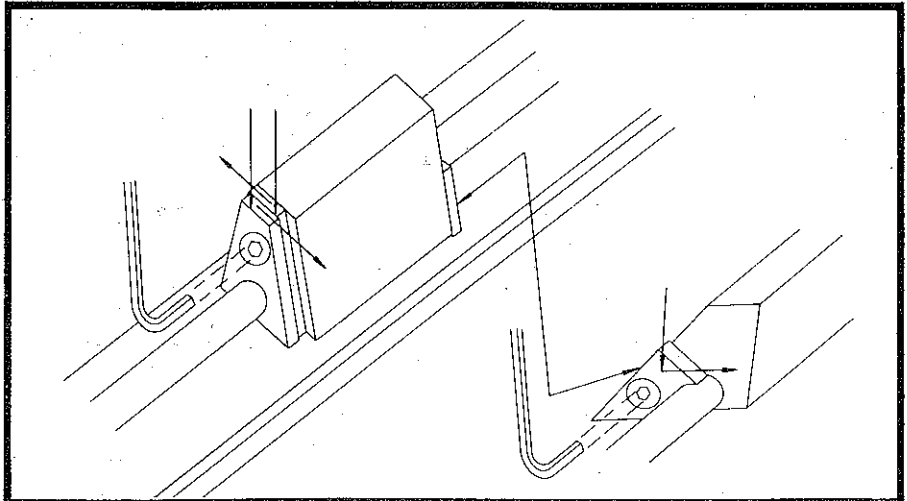


Photo B



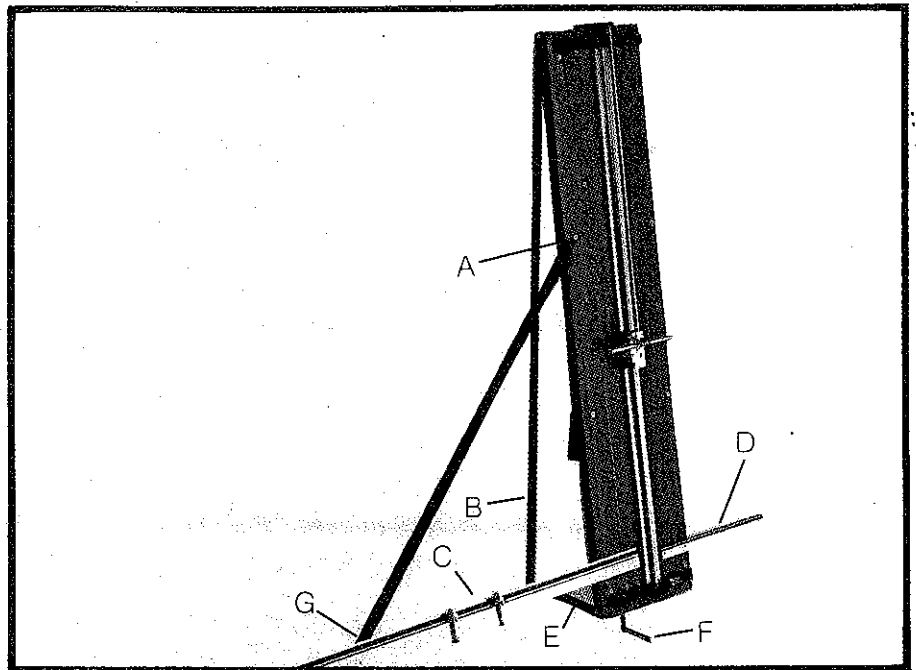
C Blade holders left off for clarity.

New Cardboard, Glass & Plastic Cutter

Instructions

Cuts 48". Can be mounted on the edge of a table or shelf. The proper height should be about 36" from the floor. First, connect angle braces "B" and "E" with bolts and nuts furnished. Attach the cutter in an upright position to the top of table or shelf with bolts or screws through holes in angle braces "E". Tie counter balance weight to the end of the nylon cord.

If mounted on the wall, secure two pieces of 2" x 4" x 58" to the wall in a vertical position, 8 1/4" apart. Remove angle iron braces "B" from cutter and fasten to the 2" x 4"'s spacing them 11-7/8" apart, measuring from inside to inside of angle iron. DO NOT remove braces "E". Secure cutter to the wall by bolting it to braces "B". Tie counter balance weight to end of nylon cord.

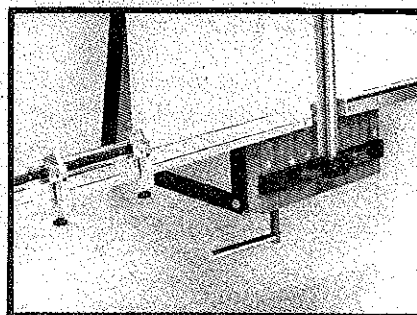


Track Adjustment

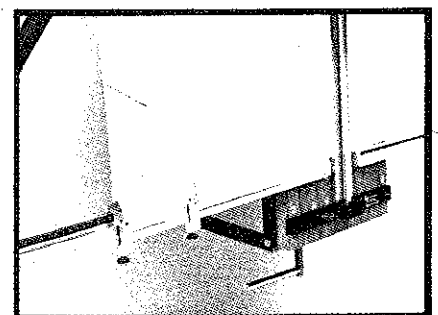
Tighten Bolt "A". Bolt "G" should be snug but NOT tight. Place a piece of mat board with a square corner on the ruler guide bar. Tap lightly either up or down until edge of mat board barely touches Guide Bar on cutter. Then tighten Bolt "G".

Check for squareness by cutting a piece of mat board, then place this newly cut edge on the Guide Rest and make another cut. Check these two cuts with a square. If adjustment is necessary, loosen bolt "G" just enough to allow brace to move up or down by tapping brace "G".

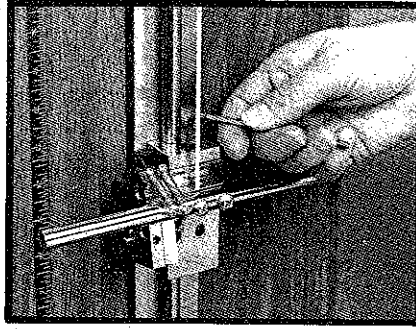
Special Features



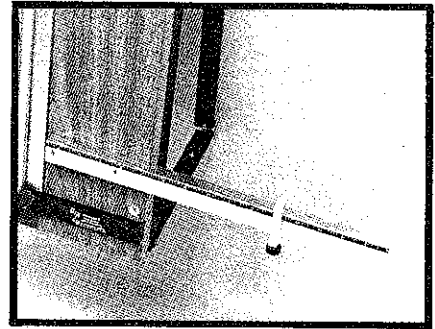
Includes 2 new flip production stops (CHN-70). Assures



accuracy in single cuts and repeats.



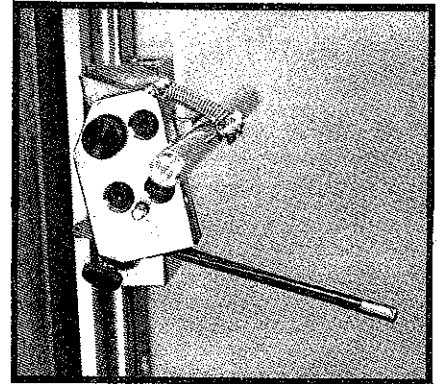
Block Control Adjustment Plates eliminate wobble and movement in block for accuracy. Adds years of life to your machine.



Right Ruler and Adjustable Stop allows measuring up to 18"

Glass Cutting

The glass cutter will enter slot in blade holder only ONE way, NOTCHES UP. To put blade holder in the glass cutting position, release spring tension just a little and push locking pin to left. Insert glass cutter in slot provided as far as it will go. Tighten knurl screw. To obtain the desired scoring, use a piece of scrap glass and move the glass cutter in and out of the slot to desired position; then tighten knurl screw. If more pressure is needed use your thumb or blade holder. Glass can be cut by lowering or raising the cutting head assembly. To cut with a down-stroke, release the spring tension with your thumb and place the cutting wheel at the top of the glass, then complete the stroke downward. In cutting with an upward-stroke it is not necessary to position the cutting



wheel. After glass is scored move score to edge of board-lock glass in position with hold-down bar-break on edge of board.

Note: Glass cutter cuts slightly smaller than ruler measurements.

Care and Maintenance

Paper or cardboard is very hard on a blade. A dull blade will not produce neat work. For this reason change the blade often. It is a good idea to change points of the blade morning and afternoon; that is, use one end of the blade in the morning then turn it around and use the other end in the afternoon.

To change cardboard cutting blade, Stanley No. 1991, release spring tension and push locking pin to the left. Blade holder will raise in position to make

blade-changing very easy. After changing blades raise blade holder and re-set locking pin by pushing to the right.

When cutting assembly does not slide freely remove the TOP ROD BEARING and slide the complete cutting assembly off the hold-down bar. Clean the hole in the sliding block and clean the hold-down bar, the full length. Oil all moving parts on top and bottom of unit (back). A drop or two of lube oil in the oil

well of the block will lubricate the bar and rod. On new cutter,

apply oil to rod and bar and wipe clean.

C&H Mat Cutter Parts

CH2000 Baseboard, Model 300 & 310 - 12 x 46½
CH2000A Baseboard, Model 4060 - 16 x 46½
CH2000B Baseboard, Model 6000 - 16 x 67
CH2000D Baseboard, Model 4800 - 16 x 54½
CH2010A Baseboard, Model 4060 A, B, C, 15 x 46½
CH2010B Baseboard, Model 4800 A, B, 15 x 54½
CH2010C Baseboard, Model 6000A - 15 x 67
CH2020A Guide Bar & Rod, Model 300, 310 & 4060
CH2020B Guide Bar & Rod, Model 4800
CH2020C Guide Bar & Rod, Model 6000
CH2025A Guide Bar & Rod, Model 4060 A, B, C,
CH2025B Guide Bar & Rod, Model 4800 A, B,
CH2025C Guide Bar & Rod, Model 6000A
CH2030A Hinge & Bolts 12"
CH2030B Hinge & Bolts 15"
CH2030C Hinge & Bolts 16"
CH2040 Bearing Block & Screws
CH2050A Handle & Bolts 46½"
CH2050B Handle & Bolts 54½"
CH2050C Handle & Bolts 67"
CH2060 Shoulder Screw for Blade Holder
CH2070 Bevel Blade Holder Complete,
Model 310, 4060, 4800, 6000
CH2080 Straight Blade Holder Complete
Model 300, 310, 4060, 4800, 6000, 4060 A, B, C,
4800A, 6000A
CH2090 Bevel Blade Holder Complete, Model 300
CH2092 Knurl Screw for Blade Holder, Specify Size
CH2094 Sliding Block 300, 310, 4060, 4800 & 6000
CH2094A Sliding Block, 4060 A, B, C, 4800 A, B & 6000A
CH2095 Tension Springs Blade Holder
CH2096 Knobs for Blade Holder
Model 300, 310, 4060, 4800 & 6000
CH2097 Knobs for Blade Holder
Model 4060 A, B, C, 4800 A, B, 6000A
CH2075A Bevel Blade Holder Complete
Model 4060 A, B, C, 4800A, 6000A
Ch3000 Squaring Arm Production Stop
CH3010 ¼ Ball Bearing

C & H Cardboard & Glass Cutter Parts

4000 Baseboard
4020 Guide bar & rod
4059 Hinges (Specify Model)
4080 Bearing blocks for No. 404 rod
4120 Roller Assembly
4160 Material rest
4200 Material extension (right side)
4380 Nylon cord
4420 Compensating springs
4460 Locking handle
4480 Extension block for handle of Assembly (pull handle)
4500 Pull handle
4520 Sliding block
4540 Tension springs
4560 Shoulder screw
4600 Stripper bolts for springs No. 442
4680 Blade holder (Front & Back complete)
4710 Knurl screw for blade holder (Specify type)

When Ordering, Specify Model Number and Year Purchased

WARRANTY

We warrant each new C & H Cutter to be free from defects in material and workmanship for a period of ninety (90) days after original purchase, under normal use and service. Each machine will be thoroughly inspected by us before shipment to be sure it is in perfect condition. We agree to repair or replace any such defective unit or replace such parts, at our discretion, provided the defective unit or parts are returned to us intact, transportation prepaid, within the warranty period, and that our examination discloses to our satisfaction that the unit is defective. Proof of purchase must be submitted by you to validate this warranty coverage.

This Warranty shall not apply to any cutter or part thereof which has been repaired or altered in any way, or which has been subject to misuse, negligence, or accident.

This Warranty is in lieu of all other warranties expressed or implied including the warranties of merchantability and fitness for use, and the manufacturer neither assumes nor authorizes any representative or other person to assume for it, any other liability in connection with the sale, maintenance, or repair of said cutter. In no event shall C & H Manufacturing be liable for any damages or losses, incidental or consequential, direct or indirect, arising out of the use of this product.

C & H Manufacturing, whose policy is one of continued product improvements, reserves the right to make changes in design and construction at any time without incurring any obligation on cutters previously manufactured.