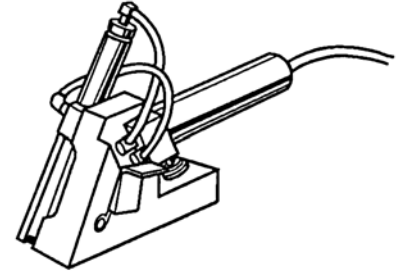


## 1. SuperShuttle: equipment set-up

Edgetech's SuperShuttle is a pneumatically powered tool specifically developed for Super Spacer® application. Various guide blocks can be selected to accommodate different set-back distances for secondary sealant.

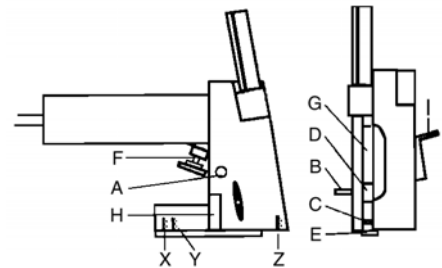


## 2. SuperShuttle: component parts

For the different spacer set-back distances, use the red X, Y, Z marks for 3/16" (4.76mm) set-back and the yellow X, Y, Z marks for 1/4" (6.35mm) set-back.

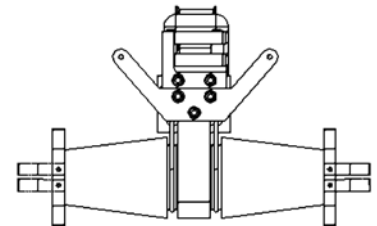
Legend:

- |  |                                |
|--|--------------------------------|
| <b>A</b> Pressure wheel adjustment screw | <b>F</b> Notcher punch trigger |
| <b>B</b> Pressure wheel extension pin    | <b>G</b> Notcher punch         |
| <b>C</b> Guide roller                    | <b>H</b> Faceplate             |
| <b>D</b> Pressure wheel                  | <b>I</b> Cutting blade trigger |
| <b>E</b> Guide block                     |                                |



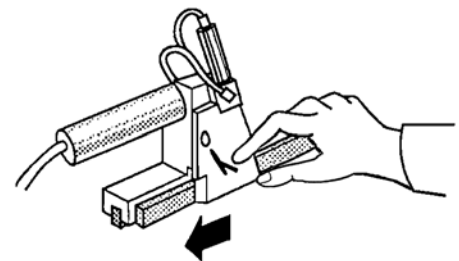
## 3. Liner Stripper

The Super Spacer Liner Stripper automatically strips the protective liner from one or both Super Spacer sides. For specific instruction on set up and use, consult the Liner Stripper operator's manual.



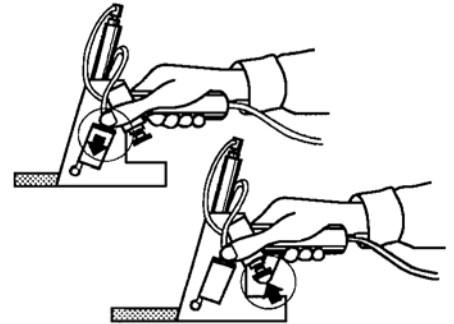
## 4. SuperShuttle: spacer-width adjustments

Edgetech's SuperShuttle can be used for Super Spacer sizes ranging from 3/16" (4.76mm) to 7/8" (22.2mm). For spacer width adjustments, loosen the pressure wheel adjustment screw **A** so that the pressure wheel extension pin **B** moves freely. With the foil surface facing the operator, insert spacer between guide roller **C** and pressure wheel **D**. Using extension pin **B**, position the pressure wheel **D** on the spacer so that the bottom spacer edge exceeds the tool base by about 1/32" (0.8mm).



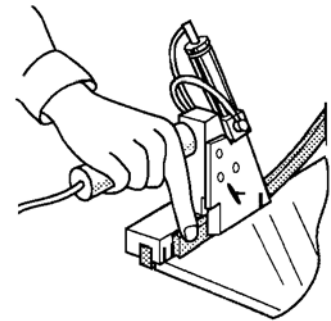
### 5. Start up: pre-notching spacer end

Where a new reel is being used, the spacer must be pre-notched and sliced. Pull the spacer through so that it extends beyond the base of the tool. With thumb of right hand, press cutting blade trigger **I**. Once engaged, activate notcher punch trigger **F** to set in motion the notcher punch **G** and remove waste spacer material.



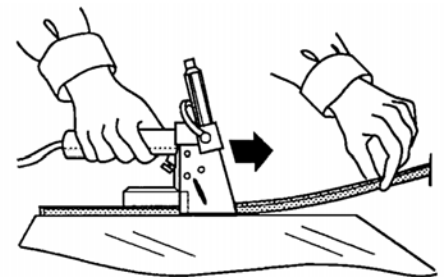
### 6. First corner: start up

Place guide block **E** against the side of the first glass lite and align mark **X** with the starting corner. Line up spacer end with mark **Y** and tack down by applying pressure with one finger of right hand.



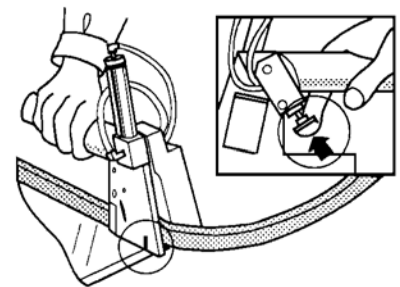
### 7. First side: spacer application

Using left hand, support the spacer tape slightly above glass surface. While maintaining the tape perpendicular to the glass, apply a slight downward pressure and glide the tool along the glass edge toward the second corner.



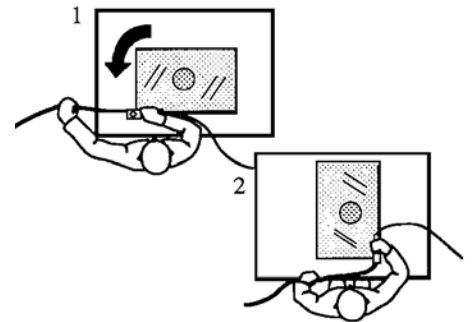
### 8. Second corner: spacer notching

Glide the tool along the glass edge until mark **Z** aligns with the upcoming corner. Activate notcher punch trigger **F** to engage the notcher punch **G**.



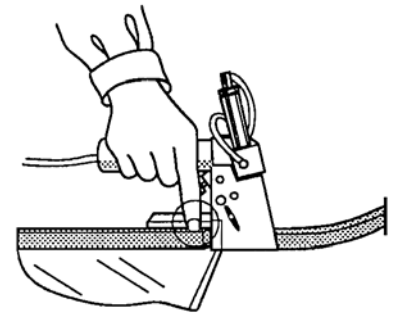
### 9. Second corner: glass rotation

Activate the table-indexing mechanism and be sure to keep tool in place as the glass is rotated through 90°.



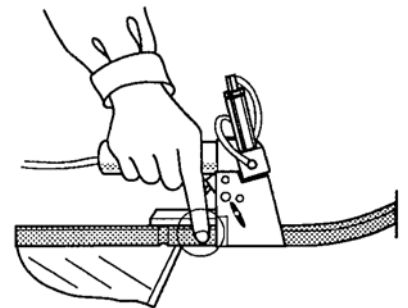
### 10. Second corner: spacer adhesion

Continue moving the tool straight ahead until the left side of the notch is aligned with the edge of the faceplate **H**. With one finger from right hand, press down on spacer to ensure good adhesion.



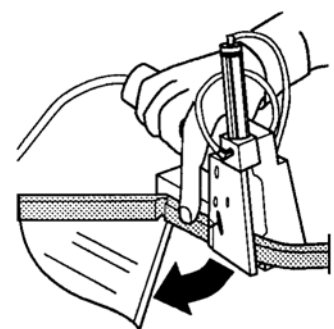
### 11. Second corner: tool advancement

Advance tool approximately 1 1/2" (40mm) beyond corner notch.



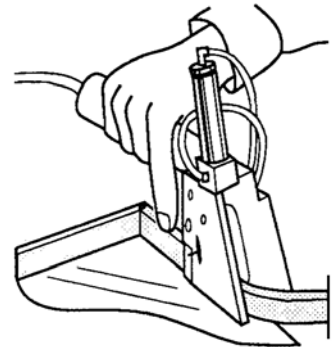
### 12. Second corner: guide-block placement

While holding the spacer against the tool base with one finger, tilt tool so that front end is approximately 1/4" (6mm) above glass surface. Without moving the tool forward and without pulling on the spacer, pivot the tool until the guide block **E** meets the glass edge.



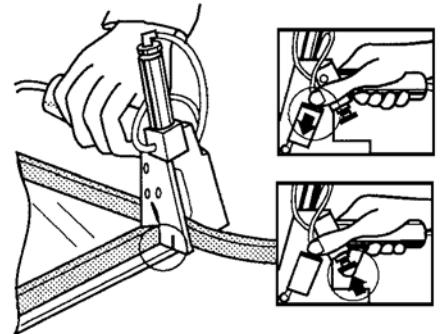
### 13. Second corner: spacer adhesion

Move finger to top edge and tack down spacer at about a 1" (25mm) distance from corner. Proceed with spacer application, repeating steps 8 through 13 at third and fourth corners.



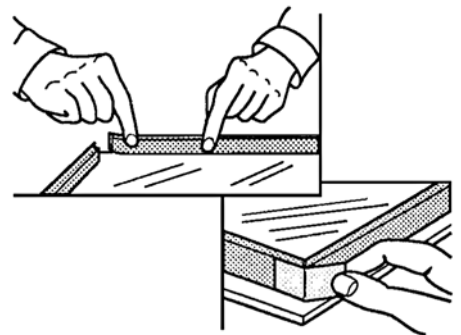
### 14. Final corner: spacer cut-off

At a point approximately 1" (25mm) from the final corner, guide the tool slightly outward to avoid hitting the starting end of the spacer. Advance tool until mark Z aligns with the corner edge of glass. Notch and cut off spacer end as in step 5 and remove tool by pulling it forward and off the previously applied spacer.



### 15. Final corner: tape application

Manually align the two spacer ends to form the final corner joint. For gas filled units, wrap about a 1" (25mm) length of approved barrier tape over the final joint and apply pressure to ensure good adhesion. Make certain that the barrier tape does not roll up on the glass.





## **REPLACING THE EURO BLADE ASSEMBLY**

**CAUTION: Edges of the cutting blade are extremely sharp, handle with extreme care.**

1. Disconnect the air supply.
2. Remove the aluminum faceplate(#4) (2 screws).
3. Remove the Cylinder(#5) by loosening the Cylinder Mounting Screws (2 screws).
4. Loosen the nut on top of the Euro Blade Assembly(#8).
5. Carefully remove the old Euro Blade Assembly by unscrewing the assembly off the threaded Cylinder shaft.
6. Screw a new Euro Blade Assembly onto the threaded Cylinder.
7. Place Cylinder back onto Euro Body(#1). Be sure to place blade into slot of body.
8. Pull Euro Blade Assembly down and ensure that blade is just into the Cutting Pad/Backing Plate slot. If it is not, adjust Euro Blade Assembly on the shaft as needed.
9. Tighten nut down onto the Euro Blade Assembly.
10. Reattach the Cylinder.
11. Replace the faceplate
12. Connect the air supply.



## Maintenance Schedule for Euro Shuttle

### ***Daily or every 400 units***

- Check cutting pad and replace if worn.
- Check Euro blade assembly. Clean with isopropyl alcohol. A dull blade may cause inconsistent cut.
- Check condition of guide block. Replace or rotate block if worn. A worn guide block will affect grid insertion, sight line and consistent set back.
- Clean out inside of shuttle removing any adhesives with isopropyl alcohol or glass cleaner.
- Check for loose screws on Euro blade assembly and tighten as needed.

### ***Weekly or every 2000 units***

- Perform 400-unit checklist.
- Inspect fittings for leaks.
- Check the wear plate for excessive wear. A worn wear plate will allow the faceplate to scratch the glass.

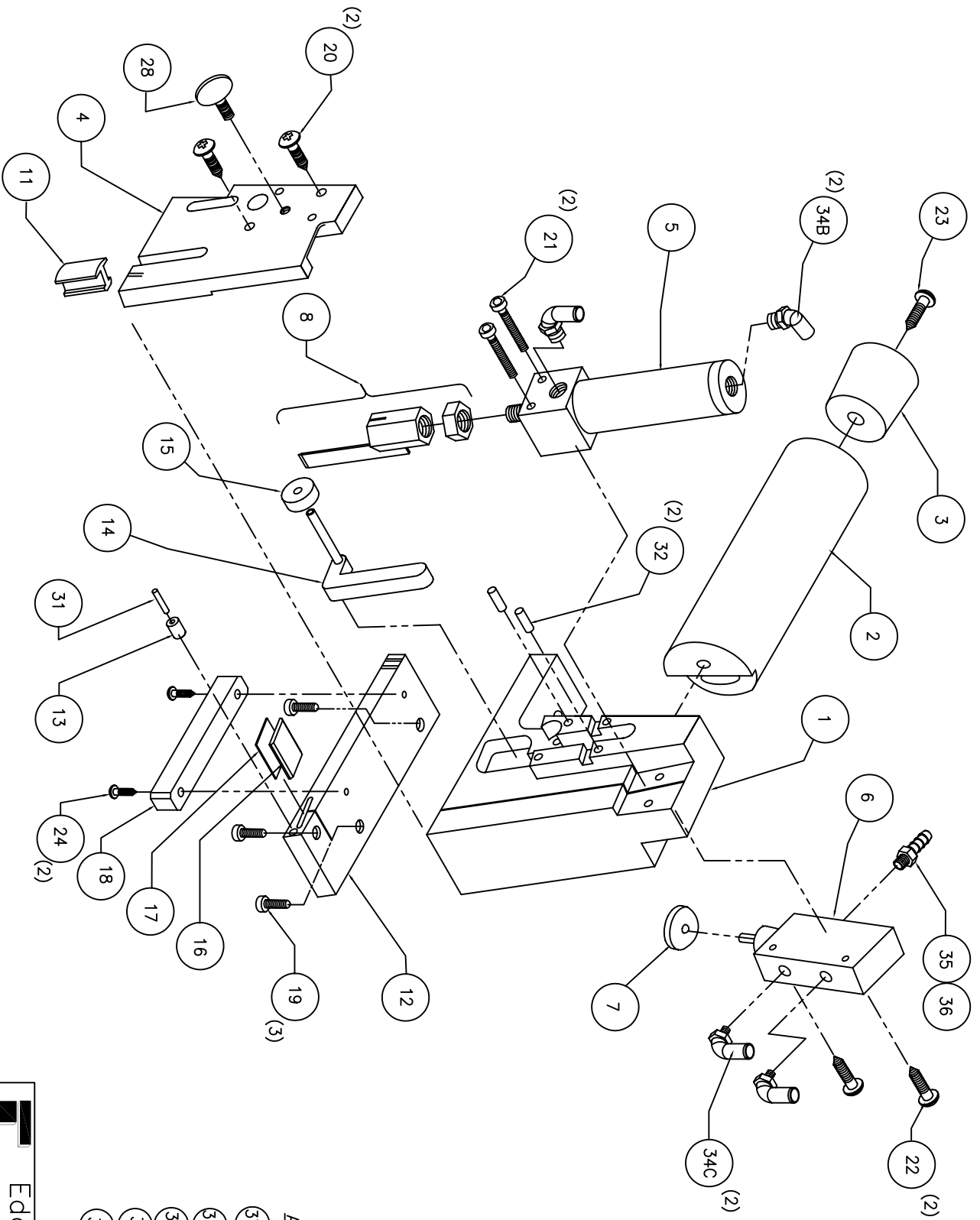
Always maintain a minimum stock level of critical wear items including:

<u>Description</u>	<u>Min. Qty. per shuttle</u>
Cutting pads	25
Euro blade assembly	1
Guide blocks	5
Wear plates	1
Pressure wheels	1
Guide rollers	2

**When ordering parts please specify Slimline or Standard, 3/16 or ¼ offset, SSI , SSII or Euro shuttle.**

## Euro Shuttle Parts List


Item#	Description	Part#	QTY
1	Euro body	1466	
2	Handle	1468	
3	Stopper	1100	
4	Euro Faceplate	1470	
5	Cylinder	1108	
6	Valve	1109	
7	Trigger button	1110	
8	Euro Blade Assembly	E-00001013	
11	Euro Button, Cutoff	1471	
12	Wearplate, Euro Straight	1467	
13	Guide Roller	1132	
14	Pressure Wheel Holder	1119	
15	Pressure Wheel		
15a	PR. Wheel Slimline Straight	1120	
15e	PR. Wheel oversize	1124	
15g	PR. Wheel undersize	1489	
16	Cutting Pad	1126	
17	Backing Plate	1127	
18	Guide Block		
18a	Guide Block,3/16 offset	1130	
18b	Guide Block,1/4 offset	1131	
19	screw, Wearplate mounting	1164	
20	screw, faceplate mounting	1134	
21	screw,cylinder mounting	1136	
22	screw,valve mounting	1137	
23	screw,handle mounting	1137	
24	screw,guide block mounting		
24a	screw for 3/16" offset	1134	
24b	screw for 1/4" offset	1138	
28	Screw,new Pr wheel Adjusting	1473	
31	pin, guide roller	1145	
32	pin, faceplate alignment	1146	
34b	Elbow Fitting, Cylinder	1149	
34c	Elbow Fitting, Valve	1150	
35	Hose Barb Fitting	1151	
36	Gasket	1152	
37	Hose		
37a	Black Hose	1479	
37b	Grey Hose	1154	
38	Male Coupler	1156	
39	Female Coupler	1157	



**ADDITIONAL PARTS**

- 37A HOSE, CLEAR
- 37B HOSE, GRAY
- 37C HOSE, YELLOW
- 38 COUPLER, MALE
- 39 COUPLER, FEMALE

**Edgetech I.G. Inc.**  
 A Lauren Company  
 800 Cochran Avenue  
 Cambridge, OH 43725

		<b>Edgetech I.G. Inc.</b> A Lauren Company 800 Cochran Avenue Cambridge, OH 43725	
PROJ:	30 SHUTTLE	TITLE:	EURO-CUT SHUTTLE
DATE:	7-22-02	DESIGNED BY:	
DWG. BY:	RAH	SCALE:	NOT TO SCALE
CHKD BY:		DESCRIPTION:	PART'S DRAWING
DATE:		REVISION:	
		BY:	
SHEET 1	OF 1	DWG. NO.	110-101v2