

# *Quality Policy Statement*

Lexus SoftMac™ is ISO 9001:2000 Company

*We, at “Lexus SoftMac”,  
make our Quality so special, So Valuable to our Customers,  
so Important to their Success,  
that our Products become their only Real Value Choice.*

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CEO

Date: 01.02.05

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# WELCOME

Get ready for a whole new experience.

Lexus Gluing station has a completely fresh, new look and it's easier than ever to use.

This booklet explains how to get your Lexus Gluing station set up and where to turn for help, so you can ascertain proper Gluing of the stones before bruising.

Let's get started!

## SPECIFICATIONS

+ Weight	:	4 kg.
+ Dimension	:	125 x 280 x 280 mm
+ Supply	:	220 VAC , 50 HZ , 1 Phase
+ Load	:	25 VA
+ Lighting	:	12 VDC,10 Watts

## EXTRA ACCESSORIES

+ Glue Bottle (6 Gm.)	-	1 No.
+ Die	-	1 No.
+ Oven Plate	-	1 No.

## INTRODUCTION

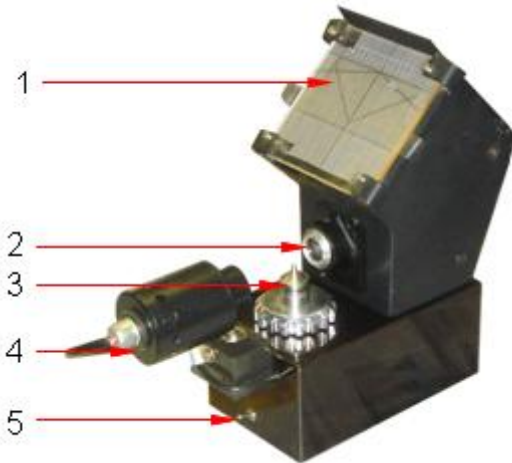
- ⊕ This machine is used in conjunction with Econobruter and Auto-Bruters to assist straight gluing of the diamond, so that, the bruted girdle surface remains perpendicular to table surface.
- ⊕ By using the silhouette screen with user-friendly graph, a better judgment can be reached by the operator. And he / she can have a fairly accurate judgment of final result.

## FUNCTION

This machine is used to set the diamond during gluing before it is heat cured in the oven.

- ⊕ Suitable for round as well as fancy shapes.
- ⊕ Accurate gluing for diamond with table-line setting.
- ⊕ Silhouette viewing system with ergonomically designed graph to have better judgment of bruted diameter for maintaining required total / crown / pavilion height.
- ⊕ Skilled operator can be done away with.

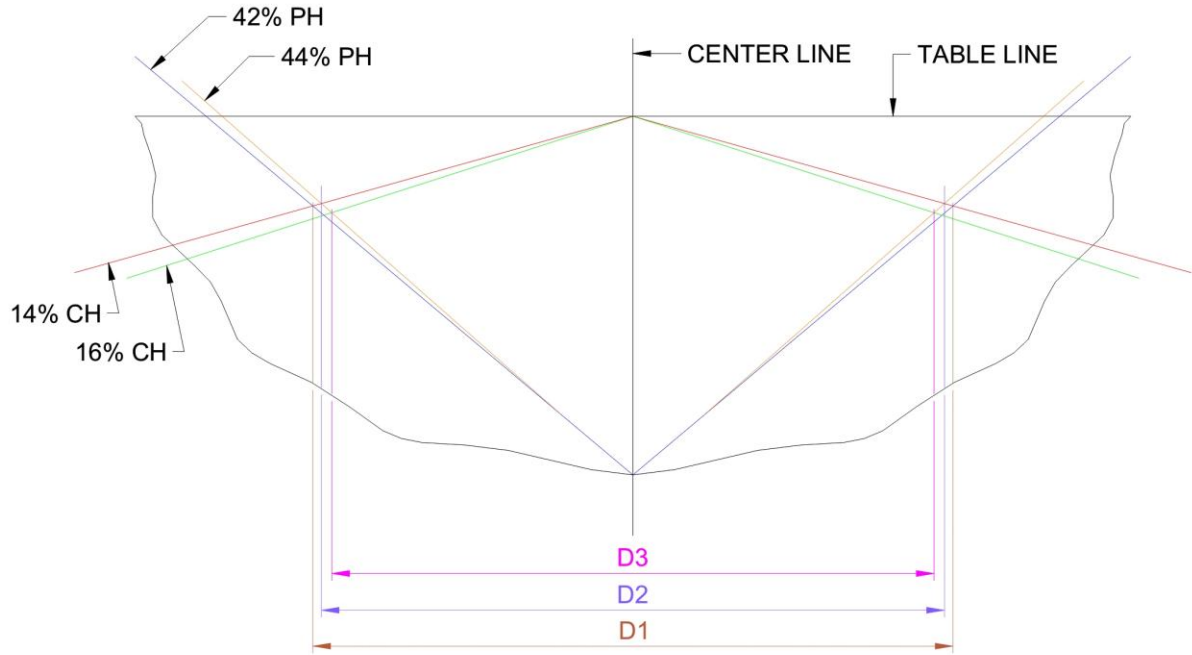
## OPERATING CONTROLS



1. Silhouette Screen
2. Lens
3. Die Pot
4. Light Housing
5. ON/OFF Back Light Switch

## OPERATING INSTRUCTION

1. Fix the die pot on the machine spindle. (It is not always necessary to lock the die pot)
2. Roughly through the die pot while looking at the projection of the die on the silhouette screen. (Again it is not very much necessary to center the die pot accurately)
3. Check for the flatness of the die pot surface on the screen.
4. Put a small amount of glue on the die pot and place the diamond table surface over it. Press the diamond firmly on the pot surface. The excess glue will squeeze out, which can be wiped off.
5. Center the diamond and check the level of table surface which should remain horizontal.
6. Estimate the probable size of the bruited diamond by adjusting the graph.
7. Remove the die pot from the spindle and place it in oven for heat curing. Approximately 15-18 minutes at 180° C.
8. After fixing reconfirm the correct fixing by placing the pot once again on the machine spindle.



D1 = DIAMETER FOR TOTAL HIGHT OF 56 %  
 D2 = DIAMETER FOR TOTAL HIGHT OF 58 %  
 D3 = DIAMETER FOR TOTAL HIGHT OF 60 %

## GLUING STATION MAINTENANCE MANUAL

- ⊕ This is zero maintenance machine\ equipment. Occasionally the light bulb may fuse off, if the bulb is found fused, replace the bulb.
- ⊕ If the bulb fuses very often, check the following:
  - a) Voltage fluctuation.
  - b) Bulb quality.
  - c) Condition of the Transformer.