

# *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 Rotary Stick has a completely fresh, new look and it's easier than ever to use.

This booklet explains how to get your Lexus Rotary Stick set up and where to turn for help, so you can enjoy the most intuitive Bruting System yet for Real gem quality Diamonds.

Let's get started!

## SPECIFICATIONS

 Weight	:	1 kg. (Excluding power supply box)
 Dimension	:	500 x 50 x 50 mm (Excluding power supply box)
 Supply	:	220 VAC , 50 HZ , 1 Phase
 Load	:	100 VA

## STANDARD ACCESSORIES

-  Collet
-  Power Supply Box

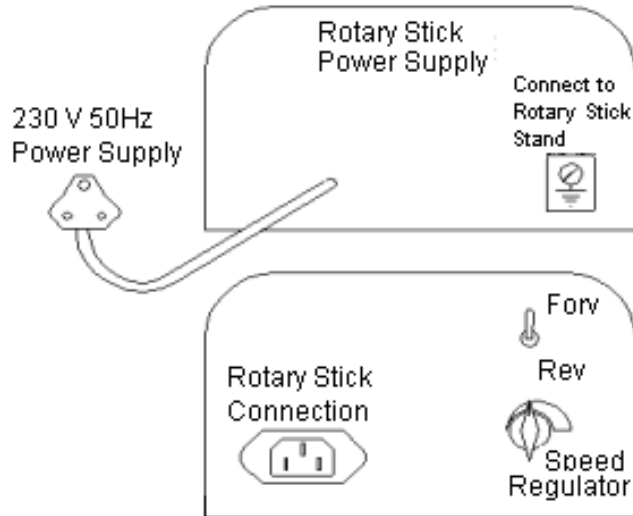
## FEATURES

- ⊕ Low Maintenance cost due to elimination of driving cable and its frequent failure.
- ⊕ Unique switching on system increases the life of the equipment.
- ⊕ Increased productivity by 30 % and more
- ⊕ Easy Installation. Does not require any shaft extension of drive from the bruting machine, and hence no change on the existing machine.
- ⊕ Easy to operate and maintain.
- ⊕ Short payback period.



## INSTALLATION INSTRUCTION

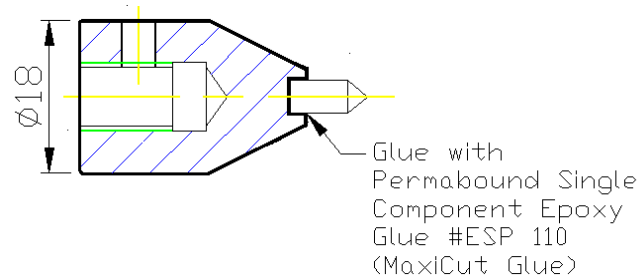
1. Place the Rotary Stick Power Supply box near the Single / Double Spindle Bench.
2. Connect 230 V 50 Hz single-phase power supply to the power supply box.
3. Connect Rotary Stick end cable connector to the appropriate socket provided on the power supply box.
4. Connect a wire at the earth terminal provided on the power supply box.



5. Touch this wire to the front (non anodized) end of the rotary stick. The rotary stick should start rotating.
6. Use the Forw. /Rev. switch to toggle the direction of rotary stick spindle. The direction should be ideally from table to culet, to avoid chances of table chipping.
7. Now fix the second end of this earth wire with the rotary stick stand (which should be made of Aluminum and not wood). So when the rotary stick is placed on the stand to brute the diamond, the spindle will start rotating, as the circuit is completed.

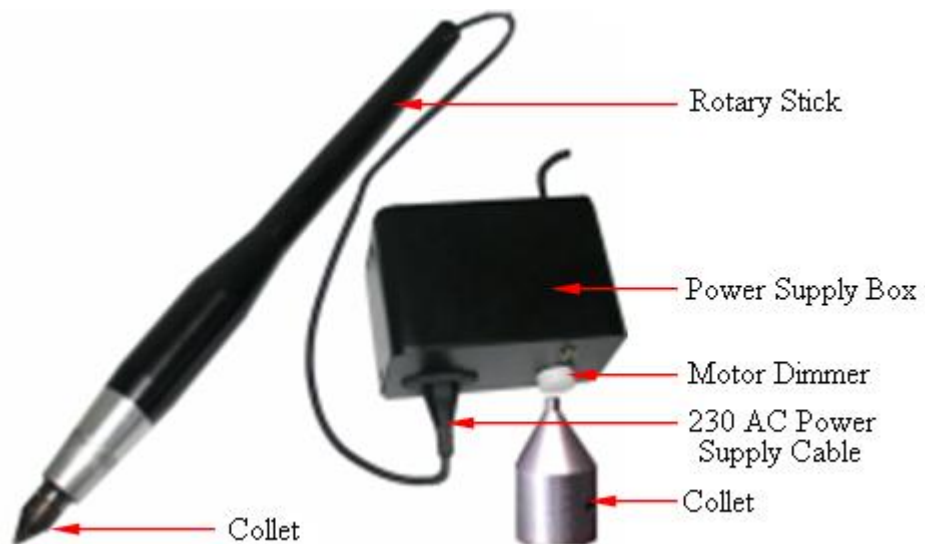
- Adjust the speed of the rotary stick spindle to the desired RPM. This RPM is normally decided by the size of rejection in the rotary stick spindle.

### Fixing Of Bullets In Pots



Use Correct Size of bullet to match Size of hole in the pot. Brute a few rejections to thru the rotating bullet.

## OPERATING CONTROLS



## OPERATING INSTRUCTION

1. Hold the bullet PCD (size 6mm) in 6mm spindle collet.
2. Tighten the collet while screwing in collet cover nut.
3. Mount a rejection in single / double spindle bruter.
4. Brute this rejection with the rotary stick. You will initially notice, certain jerks, as the bullet PCD is not running true.
5. This bruting process will true the bullet PCD, avoiding chipping in diamond, when bruted with help of this bullet.
6. Always rotate the spindle in clockwise direction, when looked from collet nose end. This is avoid piece fall off in single spindle and table chipping in Double spindle Bruter.