

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.*

CEO

Date: 01.02.05

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WELCOME





Get ready for a whole new experience.

Lexus 13mm Single Spindle Bruter has a completely fresh, new look and it's easier than ever to use.

This booklet explains how to get your Lexus Single Spindle Bruter 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	: 18 kg
 Dimension	: 450 x 200 x 350 MM
 Supply	: 415 VAC , 50 HZ , 3 Phase
 Load	: 125 VA

STANDARD ACCESSORIES

 Pots (13mm)

EXTRA ACCESSORIES

 Key of Chuck

APPLICATION

To brute the diamond while it is being glued, held and rotated in the machine spindle, with the help of another diamond fixed or rotated in rotary stick and help with hand.

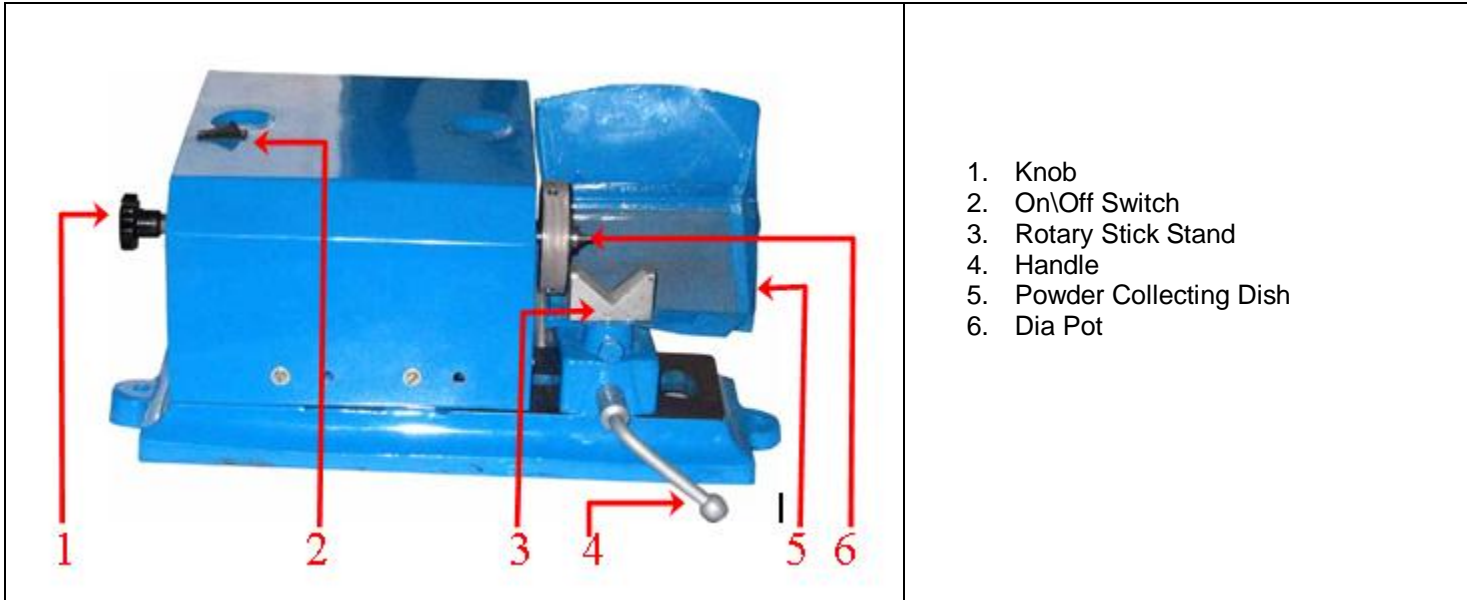
FEATURES

- ✦ Built-in Motor.
- ✦ Unique Bearing design – with negative clearance.
- ✦ Better control of bruiting, due to absence of play.
- ✦ Reduction in power consumption up to 50% due to introduction of rolling contact bearings and elimination of drive system.
- ✦ No daily or weekly lubrication necessary.

INSTALLATION INSTRUCTION

1. Unpack the machine.
2. Keep the Machine on a rigid bench top (roughly 750mm high).
3. Glue to machine to table top using Cotton and Fevicol.
4. Connect the 3-ø power (R,Y,B) supply to the cable end (coming out of the machine)
5. Switch on the power supply. The machine will be switched on by the black rocker switch provided on rear top cover of the machine. The contactor is housed inside the machine, to provide single face protection, and remote switching. The motor should rotate in anti-clockwise direction when seen from the spindle nose end. Otherwise swap the R & Y connection.
6. If the machine is lying idle for more than 15 days, the machine needs to be run for at least 4-5 hours, before it is put under operation.

OPERATING CONTROLS



OPERATING INSTRUCTION

Hold the diamond pot (3-piece pot), centred in the centring machine, by rotating the back knob in anticlockwise direction. It is not necessary to tighten the knob with great force, to clamp the die pot. As the diamond is pre-centred on the centring machine, it is not necessary to centre the stone on the machine. Normal machine transfer error of +/- 0.02mm is part of the manufacturing accuracies.

The operator can turn on and off the spindle by toggling the black rocker switch located at rear top of the machine cover. The spindle should rotate in anti-clockwise direction when viewed from the nose end.

The Diamond can be bruted using a stationary sharp held inside the stick. Or a rotary stick can also be used to brute the stone.