

Glaster B41 8" Variable Speed Lap Machine

Model B41 - 8" Diamond Disc Grinder with Magnetic Holder



Diamond grinding is the fastest and most economical way to grind glass or stone. Because it is so much faster than any other method, it pays for itself in a very short time. Now, it is possible to grind and polish all on one machine and change media in 2 or 3 seconds.

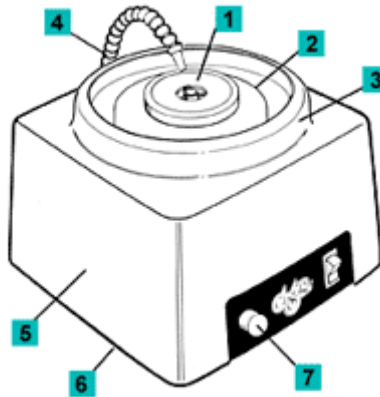
We feel that if the B4 is the only grinder in your shop, it should be as versatile as possible. With the variable speed motor, lapidary shops can take advantage of the different speeds for different materials.

Features

Variable Speed: This variable speed machine is adjustable from 1725 RPM to zero by just turning a knob.

Grit Size: For rough grinding, an 80 or 100 grit is most popular and for smoothing a 400 or 600 grit. The 100 and 400 are the most popular combination. Pre-polish and final polish pads are also available from Glaster which makes this machine a complete beveling station

Motor: The B41 is designed for production. The variable-speed motor is 1/3HP. The electronic speed control has current limiting to protect the motor and control. The base plate is 3/16" thick steel. Every aspect of this grinder is over-designed to create a machine that will last and be trouble-free



1. **Magnetic Disc Holder:** Grinding discs are held in place magnetically. This unique mounting arrangement allows use of the total grinding surface without being concerned about the work piece striking a mounting screw. It takes only 2 or 3 seconds to change the discs.

2. **Motors:** The 1/3HP motor is "industrial" quality, permanent-magnet motor

3. **Splash Guard:** This removable rubber guard completely eliminates spray. Clips are provided to retract the guard at two points so that long pieces can be ground

4. **Coolant:** For applying coolant, there is an adjustable gooseneck, valve and 1/4" compression fitting. This flexible gooseneck makes it very easy to direct a heavy stream of coolant to any area of the disc. There is also an 8' x 5/8" drain line included

5. **Housing:** This 3/16" thick, molded polyethylene part is an exceptionally tough material which will not rust

6. **Base:** A 3/16" thick steel plate forms the base to which everything is mounted

7. **Speed Control:** The electronic control for the variable speed motor produces a constant torque and includes current limiting to protect both the motor and the control. By changing the dial, the shaft speed is continuously variable between 0 and 1725 RPM

8. **Pump Receptacle:** The on/off switch in the front energizes both the motor and this receptacle. Therefore, when the machine is turned on or off, the coolant pump is as well.

Specifications

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Drive Shaft	
Mounting (Steel Disc Only)	Magnetic Hub with 1/2" Centering Pin
Rotation	Counter Clockwise
Type	Direct Drive
Variable Speed Motor	
Power	1/3 HP
Voltage	230V
Current	1.25A
Speed	0 to 1725 RPM
Torque @ 1250 RPM	23oz-ft
Type	Permanent Magnet Electronically Controlled
Bearings	Sealed Ball Bearings
Manufacturer	RAE
Machine	
Weight	35 Lbs
Size	13" X 15" 1/4 X 9 1/2" High Including Plumbing