

CRYSTALMASTER™ PRO 12

1. Magnetic Disc Holder

Grinding or polishing discs are held in place magnetically. This unique mounting arrangement allows use of the total grinding surface, and it takes only seconds to change discs.

2. Motor

An industrial grade; high-torque 14 HP ball bearing motor allows very heavy loading without slowing. It can be used on either 115 volts or 230 volts and is totally enclosed to protect against corrosion.

3. Splash Guard

Consists of four permanently anchored polypropylene brushes. This unique arrangement stops coolant spray that comes off the disc. Long work pieces pass right through the bristles. This does not effect the ability of the brush to stop the spray.

4. Coolant System

Plumbing includes an adjustable goose neck, ball valve, 14" compression fitting and a 5/8" x 8ft drain line. It can be used with either a recirculating pump or city water supply. The flexible spout makes it easy to direct a heavy stream of coolant to any area of the grinding disc.

5. Pump Receptacle

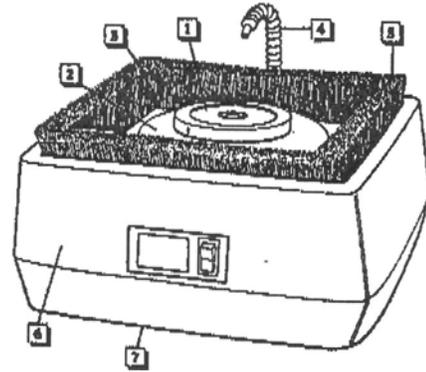
The on/off switch in the front energizes both the motor and this receptacle. Therefore, when the machine is turned on or off, the coolant pump is as well.

6. Housing

This 3/16" thick, molded, polyethylene part is an exceptionally tough material which will not rust. The catch basin is sloped toward the drain which eliminates any residue build-up.

7. Base

A heavy 3/16" steel plate is the chassis to which everything is mounted.



SPECIFICATIONS

Drive Shaft

Mounting (Steel Discs Only)	Magnetic Hub with 1/2" Centering Pin
Rotation Type	Counter Clockwise Direct Drive

Motor

Power	3/4HP
Voltage @ 50 to 60 Hz	115V or 230V
Current @ 115V	8.8A
@ 230V	4.4A
Speed @ 60 Hz	1075RPM
@ 50Hz	895RPM
Breakdown Torque Type	70 oz-ft Permanent Split Capacitor
Bearings Manufacturer	Sealed Ball Bearings Fasco

Machine

Weight	36 lbs.
Size	19" x 20 1/2" x 9 1/2" High including pump