

# Grinding & Polishing Systems

## HEAVY-DUTY PLANETARY GRINDER

### BMG-780

Diamatic® planetary grinders and polishers are versatile surface preparation tools for concrete and natural stone surfaces. They operate virtually dust free when connected to the proper Diamatic or Blastrac dust collector.

Use the BMG-780 to prepare surfaces prior to new coatings, such as removal of old coatings or adhesive residues, to smooth or flatten concrete slabs including curled expansion joints, or just to simply remove surface imperfections. For decorative concrete applications, the BMG-780 is the ideal system to polish concrete to a high shine or to restore old slabs for new architectural finishes.

The BMG-780 is also an excellent machine to grind and polish natural stone surfaces such as granite, marble or terrazzo. It has the option to be used wet or dry. The machine can also be configured with a cord reel replacing the stainless steel water tank.

Utilizing a system of three diamond disks that rotate in planetary motion, and with a variety of tooling options, the BMG-780 is a heavy-duty machine for those high demand jobs of the professional surface-prep contractor.



Diamatic  
BMG-780

Blastrac offers a variety of diamonds and resin tooling options.



Optional cord reel shown on the BMG-780.

#### BMG-780 Grinder/Polisher

##### FEATURES & BENEFITS:

- Three head planetary design
- Separate drive system for main drum and planetary disks
- Heavy-duty, industrial machine
- Variable speed control
- Virtually dust free when connected to BDC-3140P or 6-54DC99 dust collector
- Ideal for large jobs such as airports, malls, hotels, and schools
- Can be used wet or dry
- Pivot handle for comfortable use and ease of transport or storage

##### SPECIFICATIONS:

Grinding Width: 30.5 in. (775mm)  
 Tool Diameter: 9 in. (240mm)  
 Tooling Speed: 650 RPM  
 Motor Speed: 1760 RPM  
 Motor: 20 or 23 hp  
 Amperage: 52/30 A  
 Voltage: 230/480V, 3Ø, 60 Hz  
 Power Cord: 50 ft.  
 Dust Hose Connection: 3 in. (76mm)Ø  
 Dimensions: L 54 in. (1372mm) x W 31 in. (794mm) x H 58.5 in. (1489mm)  
 Weight: 1100 lbs (499kg)

Always wear appropriate eye, ear and respirator protection for the application, as specified by OSHA regulations and your employer. Never operate or maintain equipment before reading and understanding the instructions for operation and maintenance. Obey all safety signs and instructions while operating or maintaining equipment.



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