

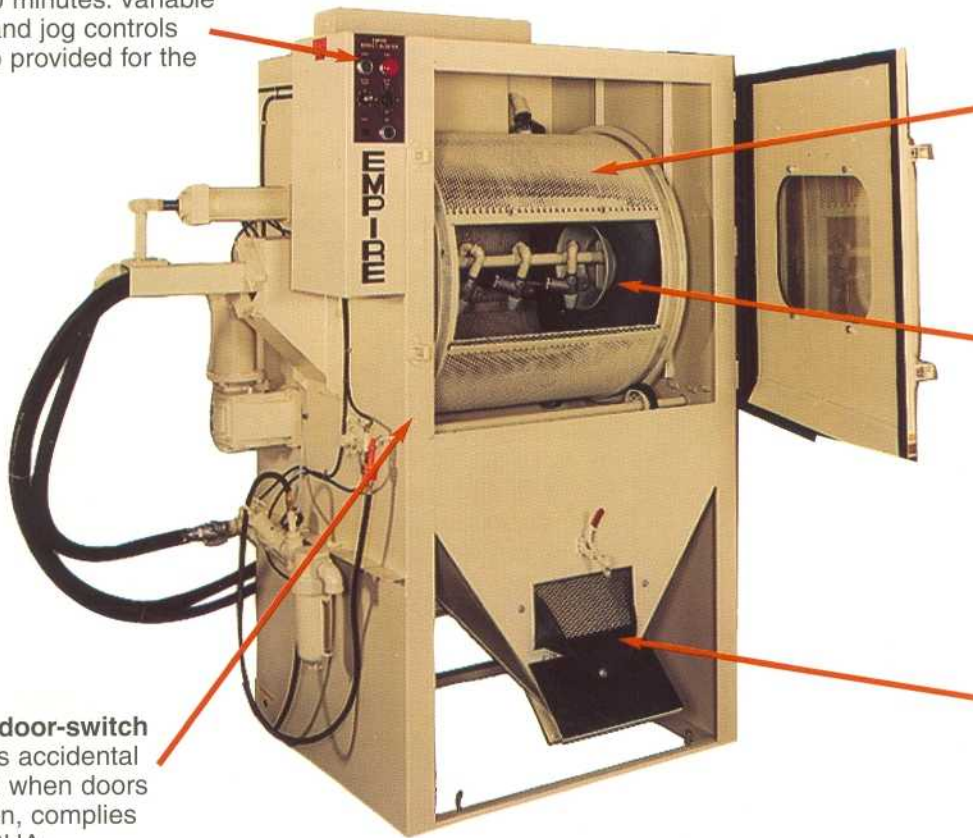
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EMPIRE

PRO-FINISH® BASKET BLASTERS

**Designed to Improve
Finishing Results and
Reduce Labor Costs**

Electric timer lets you preset finishing cycles of up to 60 minutes. Variable speed and jog controls are also provided for the basket.



Durable basket rotates parts in the blast stream to assure uniform finishing.

Three, pneumatically controlled oscillating nozzles (BB4-1A model) increase productivity while reducing air consumption and power costs.

Unloading chute facilitates removal of parts when processing is completed.

Safety-door-switch prevents accidental blasting when doors are open, complies with OSHA.

If you want to reduce labor costs in your finishing operations, it will pay you to check out Empire's line of Pro-Finish® basket blasters. With certain types of parts, no other finishing method can compare to these heavy-duty production machines in terms of speed and quality results.

All you have to do is load parts into the unit, set the timer, and the basket blaster does the rest. As parts are rotated through an abrasive blast stream, they are cleaned, finished or peened evenly and automatically.

Special features on Empire's Pro-Finish basket blasters include an unloading chute to speed parts handling, and a polyurethane-lined media reclaimer

and heavy-duty ductwork that reduce maintenance requirements. Two models are available: a BB4-1A with a 350-pound parts capacity and three pneumatically controlled oscillating blast nozzles that increase production rates while reducing power consumption, and a smaller BB2-1A unit with two fixed nozzles and a capacity of 300 pounds.

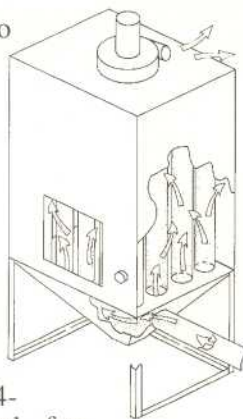
Put either unit to work and your parts finishing costs should start to take a tumble right away. For more information about Pro-Finish basket blasters, contact Empire or call your Empire distributor to arrange for a demonstration.

BASKET BLASTER SPECIFICATIONS

Model	BB2-1A	BB4-1A
Outside Dimensions (DxWxH) Cabinet with reclaimer Dust Collector	61"x56"x74" 26"x22"x98"	* 61"x87"x74" 39"x34"x105"
Construction Cabinet Basket Reclaimer	14 gauge 11 gauge 12 gauge	14 gauge 11 gauge 12 gauge
Basket Size Door Opening Capacity Perforations Standard Non-Coated Optional Coated Optional Non-Coated	30" dia. x 16" long 10" wide x 11" high 300 lbs., 1-1/2 cu. ft. 5/16" dia. 5/16" dia. or less 1/8" dia.	30" dia. x 30" long 24" wide x 11" high 350 lbs., 3-1/2 cu. ft. 5/16" dia. 5/16" dia. or less 1/8" dia.
Blast Guns Number Size Type Oscillation Compressed Air at 60 PSI	2 5/16" with 5/32" jet Di-Carb® No 54 SCFM	3 5/16" with 5/32" jet Di-Carb® Yes (all pneumatic) 81 SCFM
Dust Collector Model Fan Size Rated CFM at 6" S.P. Cloth Area	DCM-80A 1 hp. 400 80 sq. ft.	DCM-200 1-1/2 hp. 600 200 sq. ft.
Reclaimer Rated CFM	400	600

* Overall width includes oscillation stroke.

Dust Collection—In addition to excellent filtration efficiency and low energy consumption, Empire dust collectors supplied with Pro-Finish basket blasters offer the following features for ease of operation: • Raised clean-out opening for fast waste removal • Push-button control for thorough cleaning • Top-clean air discharge for operator comfort • Large door opening for better access • Heavy, 14-gauge construction • Optional fan silencers



Standard Features: • Quick-release basket door • External blow-off gun • Door/blast interlock • Easily unloaded hopper door • Timer control for cycles up to 60 minutes • 1/2-hp., DC variable drive (2 to 20 RPM) • 3-phase fan motor • Heavy-duty conveying hose • Lined, tunable reclaimer • 1" piping with moisture separator, gauge and pressure regulator • Electrical control box • Two, 150-watt interior lights • Easily accessed media hopper • Observation window • Left-side-mounted controls to permit corner installations • Cabinet and dust-collector leveling bolts.

Options: • Boron carbide nozzles (recommended with aluminum oxide) • Coated basket • Automatic bag shaker • Automatic blow-off cycle • Signal light to indicate cycle completion • Non-standard voltages • 50 Hz operation • Basket cover assembly for light parts (BB2-1A only) • Larger 7/16" guns (BB2-1A requires 104 SCFM at 60 psi; BB4-1A requires 156 SCFM at 60 psi) • Smaller 1/4" guns (BB2-1A requires 34 SCFM at 60 psi; BB4-1A requires 51 SCFM at 60 psi) • High-capacity fan for oversized media • Small-parts barrel with 1/8" diameter perforations • Barrel kick flights for more even processing of parts • Dump cart for removing or changing abrasives.

Media: Empire Pro-Finish basket blasters are designed for use with glass bead (180 mesh or larger), aluminum oxide (40 to 200 mesh), steel grit (G-125 to G-200), steel shot (S-70), and nutshells or plastic of any size. Consult Empire for recommendations concerning other abrasives.

Reclaimers—Pro-Finish basket-blaster reclaimers are tunable, meaning they can be adjusted to prevent and control the loss of fine, medium or coarse media. They also include a removable filter screen to prevent oversized particles from causing clogging, an easy-access door for quick filling and a polyurethane liner that reduces maintenance requirements.



OTHER EMPIRE PRODUCTS

- Pro-Finish®, Econo-Finish® & Modified cabinets
- Automated blast systems
- Blast rooms
- Pneumatic blast & recovery systems
- Plastic-media stripping systems
- Portable blasters