



FORTUNE METAL | CLEMCO®

FORTUNE METAL 3D SUCTION BLAST CABINET

SURFACE PREP ADDITIVE-MANUFACTURED METAL PRODUCTION PARTS

IMPORTANT: For safe, efficient blasting, read and follow the operations manual and seek training for everyone who will use this equipment.



The Fortune Metal 3D Cabinet finishes additive-manufactured, metal parts in office and industrial work areas. Parts receive a consistent finish over their entire surface. The cabinet is quiet, and easy to operate and maintain.

OVERVIEW

The Fortune Metal 3D Suction Blast Cabinet surface preps additive-manufactured metal production parts, leaving them with a consistent finish over their entire surface. The cabinet fits into tight office and industrial workspaces, yet is versatile and rugged enough to finish a wide range of parts with complex geometries.

Advantages

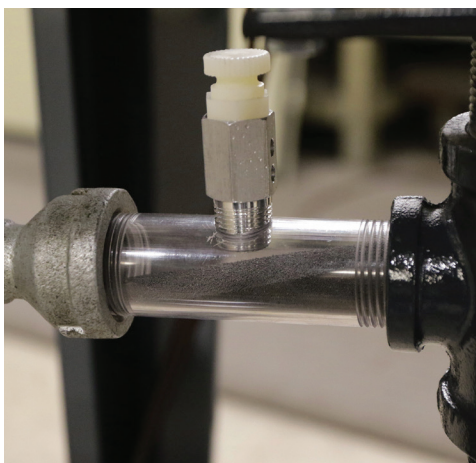
- Easy to operate and maintain.
- Compact, free-standing design.
- Safe for use in office and industrial environments. Quiet operation.
- Uses most common 60-to-180 mesh abrasives: glass bead, steel shot, aluminum oxide, and more. **Not for use with silica sand.*

FEATURES & COMPONENTS

- 14ga steel construction.
- Interior-mounted blast gun is height and angle adjustable, and also can be detached and handheld.
- High-output, 50-watt LED light for excellent visibility.
- Flip-up, top-access door with laminated-safety-glass view window.
- Safety interlock stops blasting if window is opened.
- Pressure regulator and gauge to monitor and adjust blast pressure for different finishes.
- Moisture separator removes condensed water from air supply.
- Clear media hose allows visibility of media flow.
- Lever-operated valve, quick-drain hopper makes disposing of worn-out media a quick, simple, and clean process. It is designed to release into a standard-size, 5-gallon bucket.



The BNP Blast Gun is height and angle adjustable, and also can be detached and handheld.



The clear metering valve allows visibility of media flow.

300 CFM DUST-BAG DRUM COLLECTOR

- Optimizes visibility inside the cabinet while blasting.
- Exhaust noise level is approximately 80 dBA when located in an open space.

BNP® BLAST GUN

- Foot-operated pedal.
- Fixed, interior mount is height and angle adjustable.
- Gun can quickly be detached from mount and then handheld.
- Equipped with a 1/8" air jet and a 5/16" ceramic nozzle. (Air consumption is 21 CFM at 80 psi.)
- Can be fitted with a tungsten-carbide or boron-carbide nozzle, depending on abrasive used.
- Knurled nut at gun outlet allows operator to change nozzles without using tools.
- Efficiently designed mixing chamber eliminates slugging and uneven media flow.

POPULAR APPLICATIONS

The Fortune Metal 3D Cabinet can be used in numerous workplaces.

Industrial

- Aerospace
- Automotive
- Machine shops
- Medical devices/surgical tools
- Computer technology
- Jewelry production
- Other industrial applications

Office

- Design teams
- Engineering firms
- IT research & production
- Medical research & development
- University research & development
- Art studios
- Other office applications

SPECIFICATIONS

- **BNP Blast Gun:** 1/8" air jet and a 5/16" ceramic nozzle
- **Air Consumption:** 21 CFM at 80 psi
- **Electrical:** 115V, 1 PH, 60 Hz
- **Amp Draw:** 8
- **Cabinet Work Grating:** 50 lb uniform load
- **Work Chamber:** 24" W x 18" D x 19" H
- **Viewing Area:** 16.5" W x 8.5" H