



ProFormer™ Cabinets

Hard Working, Simple to Hook Up, Easy to Move

Reclaimer, pressure vessel (pressure systems only) and dust collector are all contained in one, easily transportable unit.



Minihelic gauge shows the pressure differential across filtration surfaces, prompting the operator to pulse-clean dust-collector cartridges.

Kleensweep™ system directs airflow across the window for improved visibility.

Safety-glass window improves visibility and is easy to replace.

Safety switch prevents accidental blasting when doors are open; complies with OSHA.

Media-load station inside cabinet door (see back) simplifies replenishment of abrasives.

Simple, pneumatic controls are extremely reliable.

Multi-function filter prevents oil, water and particles from contaminating media.

Fork-lift slots make the cabinet easy to move.

4652 Shown

Movable, foot-treadle blast control permits easy access for forklift transport.

Empire ProFormer™ cabinets put it all together in a single assembly that's easy to move and simple to hook up. These cabinets require only two connections, air and electrical, and include features offered in our high-production Pro-Finish® line. Plus, they now come in two sizes: the 3642 with interior working dimensions of 36 inches deep by 42 inches wide by 48 inches high and its bigger brother, the 4652, with working space of 46 inches by 52 inches by 48 inches.

Both include a tunable media reclaimer, capable of recycling a variety of abrasives, and a cartridge-type dust collector, monitored by a minihelic gauge, contained in the same enclosure as the cabinet, along with all electrical and pneumatic interconnections between components. Forklift slots are also provided, making these units easy to move between work stations.

The dust-collector filtration system is designed for easy maintenance. Filters can be pulse-cleaned with

the press of a button. When filters have to be replaced, they can be changed quickly and cleanly with a twist of two nuts. The filters slide into the cabinet where any loose dust falls into the cabinet, not onto the work floor.

Designed for production blasting, these versatile cabinets enable you to perform multiple tasks. You can clean orpeen and perform almost any finishing job in between by simply varying air pressure and blast media.

These rugged cabinets can be specified with either suction- or pressure-blast systems as well as a wide range of standard factory options. (For system specifications and available options, refer to the back page of this flyer.)

To find out more about how a ProFormer cabinet will simplify your finishing operations, call Empire or your local Empire distributor for a demonstration.



STANDARD SPECIFICATIONS

Cabinet Model	3642	4652
Overall dimensions (DxWxH), inches	72x44x82	82x54x82
Inside dimensions, cabinet (DxWxH), inches	36x42x48	46x52x48
Door sizes, left and right (DxH), inches	29x32	39x32
Ceramic nozzle (pressure), inches	3/16	3/16
Ceramic nozzle (suction-airjet), inches	5/16-5/32	5/16-5/32
Pipe string (pressure), inches	1	1
Pipe string (suction), inches	1/2	1/2
Pressure vessel (ASME certified), cubic feet	1	1
Blower motor, horsepower	1-1/2	1-1/2
Ventilation capacity, CFM	600	600
Electrical hookup, volts/hertz/phase	230/60/1	230/60/1
Dust-collector filtration area, square feet	206	206
Shipping weight, pressure system, pounds	1,480	1,670
Shipping weight, suction system, pounds	1,270	1,460

OTHER FEATURES

- Rubber, cloth-lined gloves
- Two, 90-watt flood lights
- Dust-off gun
- Pneumatic foot-treadle control
- 14" x 22" safety-glass window with quick-change frame
- Air-pressure regulator and gauge
- Media regulator
- Leveling bolts
- 14-gauge construction on cabinet enclosure
- 3/16" perforated floor with 1,000-pound capacity

STANDARD FACTORY OPTIONS

- Three-phase and other electrical hookups
- Manual turntables
- Fixed-gun holders
- Rotating door-attached baskets
- Extended-wear components, including rubber curtains, window protectors, heavy-duty ducting, wear-resistant nozzles and reclaimer linings
- Automatic Sure-Flo® media regulator
- MG-78 CR exhaust valve
- Vibrating reclaimer screen
- Magnetic ferrous-particle extractor
- Photohelic gauge/activator for automatic pulse cleaning of dust-collector cartridges
- Rubber safety mats

Silica sand is not to be used in any Empire blast equipment.

BEST WARRANTY IN THE INDUSTRY
Three years limited on parts and labor

Information subject to change without notice.

DUST COLLECTION & MEDIA LOADING



ProFormer cabinets are equipped with cartridge-type dust collectors to facilitate a quick change of filtration surfaces. These two cartridges have a filtration area of 103 square feet each, providing a total of 206 square feet, and can be replaced in minutes through the cabinet door. As a result, loose dust falls into the cabinet rather than onto the work floor.

The standard minihelic gauge shows pressure differential across the filters, prompting the operator to activate the pulse-cleaning mechanism. With the photohelic upgrade, pulse cleaning is initiated automatically when the system detects a pressure differential pre-set at a certain limit. Replenishing media is essentially fool-proof with ProFormer cabinets. They are specially designed to prevent clogging when abrasives are loaded through the cabinet floor.



OTHER EMPIRE PRODUCTS

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



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