



CrystalBlast® 4836 MonUBlast Direct Pressure Stone Marker Carver

The CB 4836 MonUBlast™ Direct Pressure Machine has been designed for Production Stone Carving using direct pressure abrasive delivery; Consider production operation to be one (1) hour or more of daily machine operation using a production nozzle size consuming about 27cfm of compressed air per minute.

The rear mounted negative pressure dust collector on the machine uses the most advanced cartridge filtration. This includes an effortless automatic timed pneumatic cleaning cycle assembly ensuring a longer machine duty cycle, a cleaner work area and longer blower service life. The replaceable cartridge style filters (MERV Tested and Certified) include 440 Sq.Ft. of dust storage filter surface cleaned using the automatic timed vibrator cycle.

The capacity to store dust, ease of service and the semi-automatic pot loading is what makes this machine the right choice for carving most standard size marker stones.

Direct Pressure Machines have a more concentrated blasting pattern and higher frictional heat than siphon models. They can carve stone faster using a smaller abrasive pattern with less compressed air. They can offer what no siphon can match, depth of carving and reduced mask fatigue.

Other standard features included on the 4836 MonUBlast include:

- 48" Inside Cabinet Height
- Raised Operator Ports and View Window
- Enlarged Operator View Window (31" x 16") with Angled Insert Window Frame
- Mobile Work Cart, Poly Turntable with Inside Tracks for cart movement from side to side inside the cabinet
- Automatic Timed Cleaning Cycle using pneumatic vibrators
- Constant Pressure, Manually Operated Pot Blow-Down Controls for instant ON & OFF of the blasting nozzle with Pot Loading Vibrator Assist
- Magnahelic Dust Collector Monitor Gauge for visual filter dust loading reading

Use this model with a customer supplied stone lifting table to help load the part onto the Mobile Work Cart inside the machine.

You can also add the Optional Outside Mobile Work Cart, External Tracks with Door Modification to permit easy outside hoist part loading.

Specifications

4836	Inside Cabinet	48"Wx36"Dx48"H
	Overall Cabinet	66"Wx42"Dx102"H
	Door	30" x 40"H
	Air Usage	27 CFM @ 50 PSI
	Electrical	High Voltage (specify)
	Dust Collector	440 Sq.Ft. Cartridge
	Shipping Weight	1200 Lbs.

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CB 4836 MonUBlast



Mobile Work Cart, Turntable with Poly top, Inside Tracks for movement inside cabinet and Standard Stone Marker Fixture included. Move cart from side to side, spin creating maximum operator blasting zone.

Included Standard Features

- 16" x 31" ClearView® Window
- Window Sweep Air Inlet to help keep the window clean
- Low Static Window Protector
- Advanced LED Cabinet Lighting
- Air Inlet Filters, top mounted
- 10" Diameter Raised Work Ports
- Right Side Access Door
- Inside Mobile Work Cart, Turntable, Inside Tracks, and standard stone fixture included
- Safety Door Interlock
- Operator Control Panel
- Rear Mounted Dust Collector
- Magnahelic Monitor Gauge D.C.
- Raised Operator Platform
- HD Bar Work Grates
- Boron Carbide Nozzle
- 3/4" ID Outside Abrasive Supply Hose with High-Pressure 1/2" ID Inside Flexible Ergo Whip Hose Inside
- Blow-Off Gun
- 440 Sq.Ft. Cartridge Dust Collector
- Easy Clean Pneumatic Vibrator Cleaning Cycle, Timed & Automatic
- MERV Certified Cartridge Filters
- Dust Collector Service Access Door
- 3.5 C.F.Hopper Dust Storage
- 1100 CFM Blower with Silencer
- High Voltage Single Power Source Electrical
- 1.0 Cubic Foot ASME Coded Pressure Pot
- Pressure Pot Access Port for pot service
- HD Abrasive Flow Control Valve, adjustable
- Choke Valve for fine turning flow
- Full Front Operator Treadle Pedal
- Pressure Pot Blow-Down Controls
- Constant Pot Pressure with Manually Operated Pot Loading Cycle
- Vibrator Pot Loading Assist
- *Patented Separator Reclaimer

Options:

- Ambient Dryer
- Automatic Timed Reverse Pulse Cleaning Cycle
- Free Standing 880 Sq.Ft. Automatic Time Reverse Pulse Cleaning Dust Collector with Manual Pulse Over-Ride Controls
- Maintenance Meter
- Outside Track Extensions for Mobile Work Cart with Door Modifications
- Pneumatic Abrasive Conveyor & remote abrasive pot for fine abrasives