

## PB 2034 VXA

### The New Adjustable 2034!

#### Ergonomic Design

Exclusive ergonomic design adjusts vertically to fit users allowing you to work comfortably and more productively. It can also be used as a sit down model.

#### VORTEX Technology

VORTEX technology automatically separates the usable abrasive from the unusable abrasive, maximizing the recycle rate of your blasting media.

During blasting, VORTEX sends the abrasive into an airwash, which automatically filters the finest dust particles and debris from the usable abrasive. The dust and debris are directed into the HEPA filtration system, ultimately ending up in the disposable liner; the usable abrasive is redirected back into your system for reuse.

#### HEPA Filtration

The Premium Dust Collector incorporates 15 sq. ft. of efficient HEPA filtration and separation. Built-in HEPA filtration allows for separation and capture of 99.7% of the dust particles as you are sandcarving. As a result, your sandcarving work area remains cleaner at all times.

#### Clear Disposable Liner

This accessible, removable clear liner stores your unusable abrasive until you are ready to throw it out. The clear liner is attached to the lower chamber of the Premium Dust Filtration System; because the bag is transparent, you can easily see when it needs to be emptied.

#### Exclusive Air Curtain

The Exclusive Max Flow Air Curtain directs air across your viewing window to remove dust and ensure maximum visibility while sandcarving. This process is made possible by a vent above the viewing window. Also, helps repel dust and overspray from your viewing window.

#### NO MESSY FILTER CARTRIDGE



### PB 2034 VXA FEATURES

#### INSIDE WORK AREA

49.5cm D x 86cm W x 51cm H

#### OUTSIDE DIMENSIONS

86cm D x 100cmW x 203cm H

#### UNDER CABINET PRESSURE POT

50lb Automatic Recycling Pressure Pot.

#### BACK MOUNTED VORTEX DUST EXTRACTOR

Quiet operation, bag & shaker system, dual door bag access, 1/3hp. 343cfm.

#### FOOT PEDAL OPERATION

With new heavy duty sand-flow valve.

#### BLASTING HOSE & 3/32 CARBIDE NOZZLE

#### SAFETY LAMINATED GLASS OVERSIZED WINDOW

With air intake system curtaining the inside to keep your glass clear and reduce wear.

#### DUAL 150 WATT HALOGEN LIGHTS

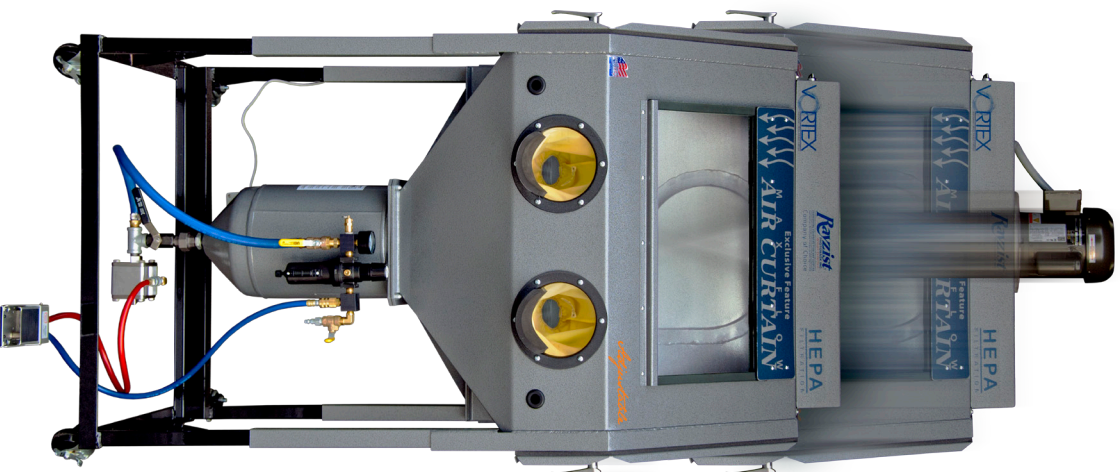
#### LARGE DOOR ENTRY FROM BOTH SIDES

#### PADDED ARM RESTS

#### 14 GAGE STEEL CONSTRUCTION

## DIMENSIONS

Inside working space: 22"d x 34"w x 24"h  
 Outside dimensions: 34"d x 39.5"w x 80"h  
 Door opening: 20"w x 21 1/4"h



## FEATURES

- Exclusive ergonomic design adjusts to fit users comfortably, can also be used as a sit down model.
- VORTEX Airwash Reclaimed Media automatically separates and removes unrecyclable abrasives, dust and particulates.
- Automatic recycling pressure pot.
- Premium HEPA dust filtration system with 11 PTFE teflon coated filtration bags.
- Self-contained disposal system for capturing and preventing contact with dust and particulates. Includes maintenance inset plug.
- Mechanical shaker for removing excess debris from filtration bags.
- 100% seam welded, all steel construction.
- Epoxy powder coating on entire interior and exterior of cabinet. Two tone color.
- Comfortable padded arm rests & non-fatiguing gloveless blasting sleeves for improved comfort.
- Dual recessed halogen lamps for improved visibility.
- 24" x 12" full view glass window with easy to replace panes.
- Exclusive air curtain that repels blasting media and protects the inside of the window.
- Left and right access doors with heavy-duty handles allowing full cabinet access.
- Built on locking wheels.
- Left and right hose holes allowing for convenient blasting for left or right handed users.
- Durable 3/32" carbide nozzle with adapter and o-ring.
- Superbly crafted, precision balanced centrifugal air exchange motor draws dust and particulates out of the air. Rayzist's exclusive design improves suction and optimizes the 3450 rpm motor delivering all the power you need to keep your working environment clean.
- Long lasting heavy duty aluminum foot switch valve.
- Independent sand and air flow valves. Provides complete control over sand and air pressure for light frosting and deep carving precision.
- Unlimited Technical Support and Lifetime warranty on cabinet construction.

## SPECIFICATIONS

- Height Adjustment:** Electronically controlled height adjustment by way of a linear actuator.
- Cabinet Construction:** Precision cut 1/4 gauge steel cabinet infrastructure.
- Centrifugal Air Exchange Motor:** 1/3 HP 3,450 rpm motor with die cast aluminum housing and radial blades.
- Interior Air Suction:** 740 CFM interior airflow suction.
- Pressure Feed Vessel:** ASME certified 70 lb. epoxy coated pressure pot with safety release valve.
- Blasting Pressures:** 5 psi to 100 psi.
- Filtration:** HEPA filtration dust collector with PTFE teflon membrane. Captures 99.7% of dust particles.
- Window:** 24"W x 12"H two part laminate window.
- Solid Rubber Blasting Hoses:** 1/2" outer diameter, heavy duty, braided rubber, sandblast hose with NPT fittings. 150 psi rated.
- Pressure Lines:** 1/2" & 1/4" outer diameter airline. 300 psi rated.
- Lighting:** Dual 90 watt recessed halogen lamps, totaling 2740 lumens. Bulb life rated at 2,000 hrs.
- Electrical:** 110 volt, 15amp. Also available with 220 volt, 50hz.
- Regulator:** Integrated water filter and air regulator with internal automatic filter drain, aluminum body, and nylon moisture sight glass.
- Separator:** Centrifugal air exchange with VORTEX Airwash Reclaimed Media.
- Compressed Air Requirements:** 5.5 CFM (or greater) at 90 psi to facilitate blasting pressures of 30 psi using 3/32" nozzle.
- Fittings:** Quick connect couplers.
- Mixing Valves:** Separate airflow & sandflow valves.
- Foot Switch Valve:** Solid Aluminum body with contoured center core and durable tapered rubber tube sleeve.
- Abrasive Capability:** 220 grit to 80 grit
- Warranty:** Cabinet Construction: Lifetime Warranty.
- Air Exchange Motor:** 1 year.
- Non-wear Parts:** 90 days.
- Cabinet/Shipping Weight:** 560 lbs. / 620 lbs.
- Shipping Packaging:** Double walled corrugated packaging material.
- Assembly:** No tools required. System is packaged completely assembled. Attach quick disconnect hoses, light bulbs and add media.
- System Includes:** 50 lb. bag of aluminum oxide and 3/32" tungsten carbide nozzle.