

www.AxxiomMfg.com

AxxiomMfg.com

Created, designed and updated for Distributors to keep you informed:

- News & updates on equipment
- Quick reference to products
- Easy access to parts lists & manuals
- Axxiom news and events

SchmidtAbrasiveBlasting.com

The place for the Operator with in-depth product support and technical information:

- Find the best equipment for your project
- Videos and guides on Schmidt systems
- Easy access to parts & manuals



The new, ultimate online tool for distributors and operators ...

www.SchmidtAbrasiveBlasting.com

Schmidt Air Blast Equipment has led our industry for more than 30 years. You've come to trust Schmidt quality and the innovative engineering behind the name. Axxiom Manufacturing is now the force carrying on the Schmidt tradition, creating the quality products you rely on today, tomorrow and beyond. Look to us for the most productive, safe and reliable technology, from air blast equipment and components to engineered abrasive systems.

*Proven Innovation
Job Performance
Industry Training
Workplace Safety*



*Your
Worldwide
Leader in Air Blast
Equipment and Specialty
Engineered Abrasive
Blast Systems*

INNOVATIVE ENGINEERING YOU RELY ON.

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 for more on
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THE NAME YOU TRUST.

Valves Make the Difference

Custom Abrasive Blast Equipment



MV2

MicroValve



Thompson Valve



Thompson Valve II



ComboValve



The days of open abrasive blasting by minimally trained operators are nearly gone. Now, environmental and safety regulations combined with demanding surface profile requirements mean that abrasive blasting is often being performed by limited numbers of skilled operators using specialized higher priced media. As contractors work to control their costs in this high-tech new world, they need to find ways to improve labor productivity and carefully manage their abrasive consumption.

Some contractors still believe that pushing as much abrasive as possible through the nozzle maximizes productivity. In reality, blasting with too much abrasive will lower productivity. As the amount of abrasive in the airflow is increased beyond an optimal point, the exit velocity of the particles at the nozzle is drastically reduced decreasing the amount of energy impacting the surface. Once that begins to happen, production rates decrease and abrasive is wasted.



The MV2 Difference

Maintenance-friendly, productive, and reliable! AXXiom's MV2 metering valve is one of the most popular, trusted valves in the industry. Minimal parts and a simple design are undeniably Schmidt.

"The MV2, successor to the Schmidt Microvalve, includes a virtual position indicator (VPI). The VPI is an external indicator that accurately displays the position of the plunger relative to the abrasive orifice inside the valve. Additionally, graduations show the number of turns the metering knob has been adjusted. This gives the operator more precision and consistency when adjusting the abrasive flow for different application conditions, nozzle sizes, blast pressures, and abrasive size and types."

Variety of Sleeves Available for Thompson Valve II

The modular design of the Thompson Valve II allows you to match the proper sleeve with the correct abrasive or application.



Valves and Controls Revolutionary

Realize What Your Equipment Can do for You

Schmidt Multi-Media Series

The flexible design of the Schmidt MultiMedia Blaster Series allows you to blast with both hard or soft abrasives. From cleaning surface grease and oil to stripping rust or paint, the M-Series blasters can achieve any surface profile. The controls are so precise, you are able to remove paint from a light bulb.



The M-Series is a mid-size blaster with a wide range of capabilities. Available in multiple sizes from 0.9 through 3 cu. ft.



Schmidt Portable Blasters

Schmidt Portable abrasive blasters are safe, high productivity systems designed for use with a wide range of a brasive media. Standard packages are available in 1.5, 3.5, and 6.5 CF sizes to match your application. Custom systems can be designed to meet specific needs.



Schmidt Portable Integrated Blasters

Revolutionizing the Industry

Unmatched Portable Performance



6.5 x 400 Integrated System



Additional sizes and options available



3.5 x 250 BRS Integrated System



Introducing the VBS

Volumetric Blowdown System

- Safer design prevents blowdown from injuring operator or blasting floor
- Self cleaning (no screen or filter) = minimal maintenance required
- Replaceable wear components
- Easy to disassemble
- Call us about retro-fitting your existing vessels
- Reduces blowdown noise



Schmidt 'Mini' M-Series Blaster

Just .9 cubic foot capacity.

All the multimedia blasting functionality with extreme portability. Great when limited compressed air sources exist.



Worldwide Leader

Unparalleled in Quality and Productivity



Axxiom Manufacturing is the worldwide leader in designing and building specialty and custom abrasive blast equipment and systems. The goal is to match a customer's unique cleaning or profiling requirement to an abrasive blast system with the optimal configuration of abrasive media, air/abrasive metering, nozzle shape and size, air pressure, media storage capacity, and media recovery and classification.

Our engineering staff has over 100 years of combined experience in the industry, a design library containing thousands of equipment and system configurations, and an ASME certified manufacturing facility, Axxiom is well positioned to address this market.

Look to Axxiom Manufacturing for custom abrasive blast equipment. Through a network of qualified distributors, Axxiom will work with contractors, fabricators and Original Equipment Manufacturers (OEM) to design and manufacture equipment and systems for specific applications.



The highest quality custom equipment to fit the production needs of any blasting project.

Improving Performance

The Schmidt Conversion Process

A new & improved Schmidt Valve Conversion Kit with extraordinary features and benefits:

- Pre-assembled sub kits for faster, easier installation
- Step-by-step instructions with "tools needed list."
- All components included to convert most vessels
- Final testing instructions included
- TVII, MV2, Combo, Pneumatic and Electric kits available and ready to ship.



The new Schmidt Conversion Kit can improve the performance of any system in your fleet.

Schmidt offers a full line of nozzles, nozzle holders in sizes to match a huge range of applications. Choice of materials in nozzles from sizes 3 to 12. Stock blast hoses, twinline hoses, hose couplings, blasting supplies and safety equipment all available from the name you trust.

Accessories and Safety Equipment



- Nozzles
- Nozzle Holders
- Air Filters
- Air Pumps
- Safety Equipment & Accessories

Specialty Engineering

Unmatched Quality. Unequaled Innovation.

Air Prep

Schmidt bulk blasters are designed to maximize the cost savings of volume production.

These high productivity blasting systems feature multi-outlet Thompson Valve II controls that allow each operator independent control of his abrasive media flow. Standard bulk systems include 120, 160, 500, 650 and 800 cu. ft. sizes.

Custom systems can be designed to meet specific needs.



**160 cu. ft. x 1600 cfm
ADS Hybrid Bulk**

**Schmidt Bulk Blasters,
the 120 and the 160**

Designed to increase operator productivity and reduce abrasive consumption with large 3" air inlets and 1-1/2" High Flow Auto Air piping throughout, the 120 or 160 can easily support up to four separate operators. Advanced TVII metering technology allows abrasive flow with precise metering of abrasive.

"The entire system is designed to minimize downtime and maintenance. The combination of high air flow, precise abrasive metering, and reduced downtime, these Schmidt Bulk Blasters provide unequaled efficiency and productivity."



"Innovative Axxiom engineering has further enhanced productivity and improved worker safety with new standard safety features you won't find anywhere else!"

Schmidt Moisture Separators



**Schmidt
Air Prep Systems**

Schmidt Moisture Separators and AirPrep Systems eliminate moisture problems in your abrasive blasting compressed air system that can lead to contaminated controls and abrasive. These systems effectively provide cooler, cleaner and drier air to your blasting system with negligible drop in pressure. Drier air reduces wear, downtime and maintenance, saving time and money. Moisture separators, AirPrep Aftercoolers or Dryers are available to meet your specific requirements.

**Specialty
Air Prep Systems**



Blast and Recovery

Schmidt Bulk Blasters with Standard Safety Equipment



Schmidt Introduces the New miniBRS

Meet the Next Generation ...

The Schmidt miniBRS is the perfect alternative to larger blast and recovery units when your project space is limited or your prefer a mobile 'work bench.'

This unit can be operated with a 185 cfm compressor and because of the reduced size, it is incredibly easy to maneuver and operate.



SchmidtBRS Systems use a wide range of abrasive media to prepare concrete and steel surfaces. Applications include indoor blasting, bridge and road maintenance, building restoration and others. All BRS Systems can perform blast and vacuum functions simultaneously, virtually eliminating dust clouds, improving visibility and reducing costly cleanup. BRS Systems can also perform each function independently, making them versatile and powerful tools for many blast cleaning applications.



The Ergo-Ladder Stay on top of the safety curve

- Allows access to top of vessel in a safer, more comfortable manner.
- Steel bar installed on top of vessel as point of attachment for fall protection. Also usable as grab bar during closure operations.

HALOK

- Ensures safe and proper operation of closure.
- Guards bolts and lugs from hammer blows during opening operations.



CEN Blowdown System Don't be confused by the noise

- Reduces noise levels by 30 dba.*
- Design prevents blockages and clogs.
- Kits available to retro-fit your existing vessels.

*Based on measurements under controlled conditions at Axiom facility.

Workplace Safety

Schmidt Blast and Recovery Systems



Deadman Controls The features you trust in both Pneumatic and Electric controls

- Superior design perfectly balances comfort and safety.
- Left or right handed configurations.
- Strategic hinge pin location for minimized debris collection.

The G2E Electric Deadman



G2 Deadman



Deadman II Pneumatic



Feel the Difference