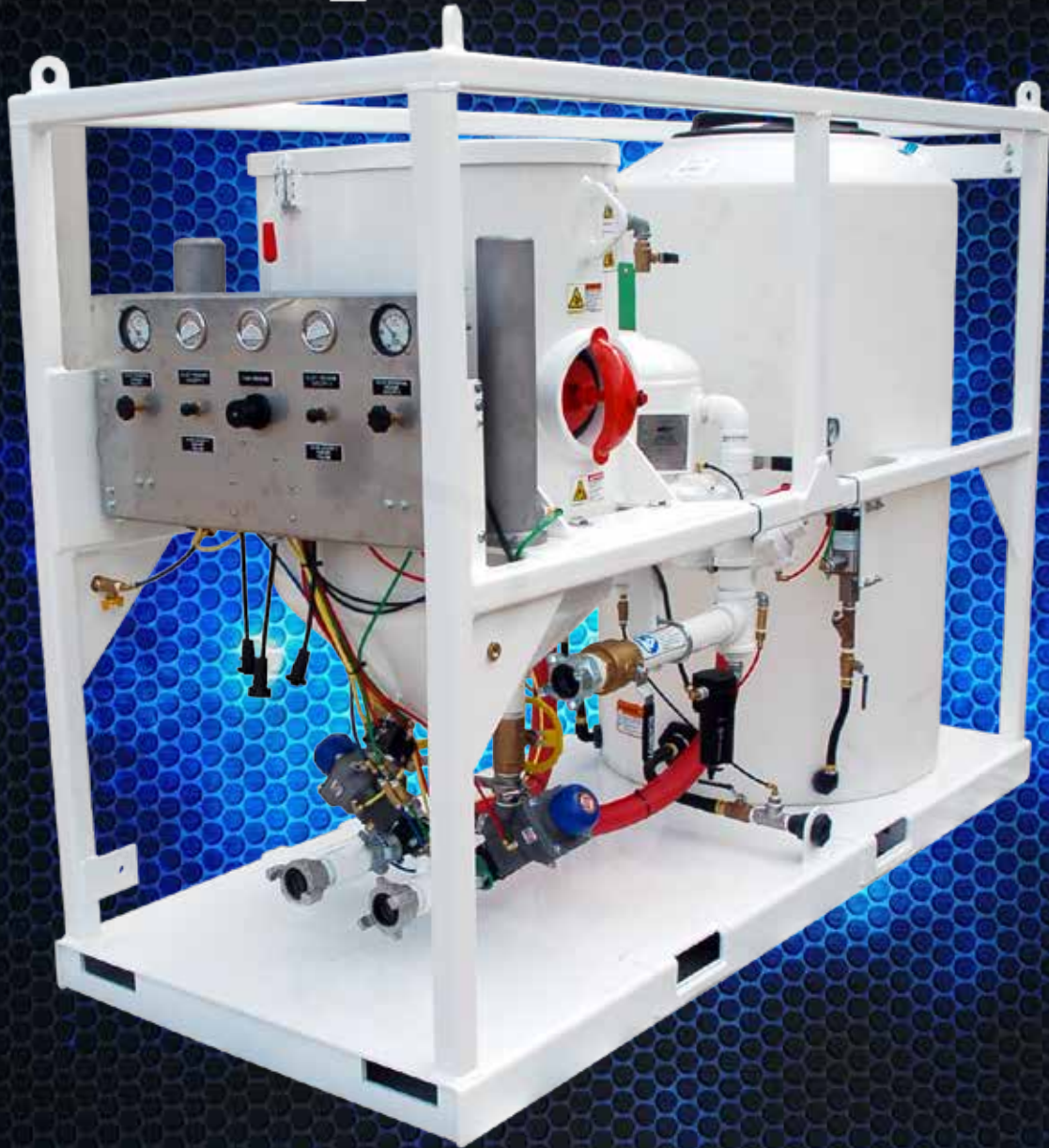


# Amphiblast™



## All-in-One... Wet or Dry

**Moisture Injection Schmidt Technology™**

The Most Versatile Blasting System for Surface Preparation Professionals







## What is an AmphiBlast™ multi-purpose blasting system?

Schmidt announces the most versatile abrasive blasting system on the market today. The AmphiBlast gives you the unique ability to wet blast or dry blast, ALL IN ONE UNIT! Available in single outlet or multiple outlet units, the AmphiBlast makes it easy to switch between wet or dry abrasive blasting. Multiple outlet units give you the option of wet blasting AND dry blasting at the same time. The AmphiBlast also provides the capability of blow down and wash down. With M.I.S.T.™ (Moisture Injection Schmidt Technology), Schmidt gives you a wet blast/dry blast system that uses minimal water, allows for a wide range of abrasives, and a broad range of blasting pressures. Reliable and high performance Schmidt technology at its finest.

## What are the features of the AmphiBlast multi-purpose blasting system?

- Wet blast or dry blast with a single unit
- Minimal water usage. (Internal tests show less than one pint (1/2 liter) per minute)
- Industry leading productivity from Schmidt abrasive air blasting technology
- Multiple outlet capability
- Wide range of blasting pressure capabilities
- Wide range of suitable abrasives
- Precise control of water consumption



# The AmphiBlast can toggle between wet and dry abrasive, blow down, and a wash down function.

## The Schmidt® AmphiBlast™ is engineered with the users in mind.

It was created to make your work day more efficient and productive with a single unit. The AmphiBlast has the capability to switch between wet and dry blast in a matter of seconds without having to change blasting equipment. It also has a wide range of blast pressures, allowing for more projects and applications.

This dynamic functionality creates new possibilities and reduces down time that would be lost to equipment changes. The AmphiBlast is a cleaner, better contained and more versatile choice when choosing your next blasting system.

Internal test show that the AmphiBlast uses less than *1 pint (1/2 liter) per minute*. This means that the AmphiBlast doesn't leave pools of water behind for a cleaner and better containment process on the work site.



Our testing shows that there is no productivity loss when switching between wet and dry blast. The surface finish and speed of blasting are virtually identical. Down time will be minimal and productivity will be increased with the AmphiBlast and its wide range of capabilities.



**The AmphiBlast™ is available in many options:**

- Single Outlet
- Double Outlet
- Electric Controls
- Pneumatic Controls
- Other custom options are available upon request

**Abrasive Blast Pot**

- ASME Certified 150 psi working pressure

**All inlet and outlet connections and the gauge console are on one side of the unit for convenience**

**Gauge Console**

- Toggle between wet and dry blasting, blow down or wash down
- Adjust blast pressure
- Adjust water consumption

**Heavy-Duty Water Tank**

- Capacities listed below for each size of unit



**Single Outlet:**  
**4.5 cu. ft. - Blast Pot**  
**80 Gallon - Water Tank**  
**(58" x 38" x 56")**  
**Weight: 850 lbs (empty)**

**Fork Lift Skid Mount**

- Easy to move
- Accessible from all sides

**Large Bore Hose Connector**

- On single or double outlet unit

## Let's Break It Down

The AmphiBlast is engineered with reliability, efficiency, and safety. Through exhaustive research and evaluation, Schmidt products are designed to maximize productivity and safety.

### Water Pressure Modulation

- Ensure consistent water flow

### Hinged Lid

### Lift Eyes (4)

### Water Pump

### Air Inlet Connection

### Water Tank Release Valve

### Union End Ball Valve

- Remove TV2<sup>®</sup> without emptying the vessel

*(Not Visible in Photos)*

### Thompson<sup>®</sup> Valve II

- Precise abrasive metering valve

**Double Outlet:**  
**6.5 cu. ft. - Blast Pot**  
**165 Gallon - Water Tank**  
**(87" x 38" x 65")**  
**Weight: 1,350 lbs (empty)**





## Did You Know?

### **The AmphiBlast™ can blast at a wide range of blasting pressures!**

AmphiBlast allows the user to adjust the blasting pressure. Internal tests show that the AmphiBlast can operate from 10 psi to 150 psi blast pressure. With the AmphiBlast, the users' possibilities and capabilities are endless.

### **The AmphiBlast is built with the technology you're accustomed to!**

Schmidt has always prided itself on being the industry's leader in productivity, reliability, and safety. It is this consistency that our customers and clients have grown to trust. All the components of the AmphiBlast are standard, proven, quality Schmidt® products, from the pot, to the controls, and components. This makes it easier during operation and more convenient during maintenance and service.

### **The AmphiBlast has multiple outlet capabilities!**

Even though the AmphiBlast comes standard with one outlet or two outlets, that doesn't mean it is limited. It can be fitted with multiple outlets upon request and custom built to fit any job site requirements. For more information on this and the AmphiBlast's multiple outlet capability, call us or one of our distributors.



## Other Interesting Tidbits....

### **The control panel is simple for the operator.**

Unlike some machines which require the operator to memorize pressure readings, the AmphiBlast™ has a simpler design. The operator sets his desired blast pressure with the Blast Pressure Control Regulator, then chooses to blast dry or wet by push/pull on the control panel. If wet blasting is the desired function, simply use the Water Pressure Regulator to specify the differential pressure of water over air.

This streamlines the control of the blast pressure and the control of the amount of water injected into the air stream while blasting.

### **You can blast wet and dry simultaneously.**

Unlike other machines, our system is a “dry” tank with M.I.S.T.™ injected into the air stream. Operators with multiple outlets can choose to blast wet or dry from the same machine without affecting the other operator.

### **You will have a cleaner work area around your unit.**

Unlike “slurry” blasters, the AmphiBlast’s vessel doesn’t fill with water as the abrasive is consumed; therefore, there is no need to drain the vessel to refill it with abrasive. “Slurry” systems require the operator to drain a considerable amount of water, which has residual abrasive, from the vessel to make room for the next load of abrasive. This wastes time, water, and creates a messy work area around the equipment.



## For Information on Schmidt products



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**SCHMIDT™**  
ABRASIVE BLASTING

