



**BLAST-IT-ALL®**

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QUALITY VALVES  
AND CONTROLS



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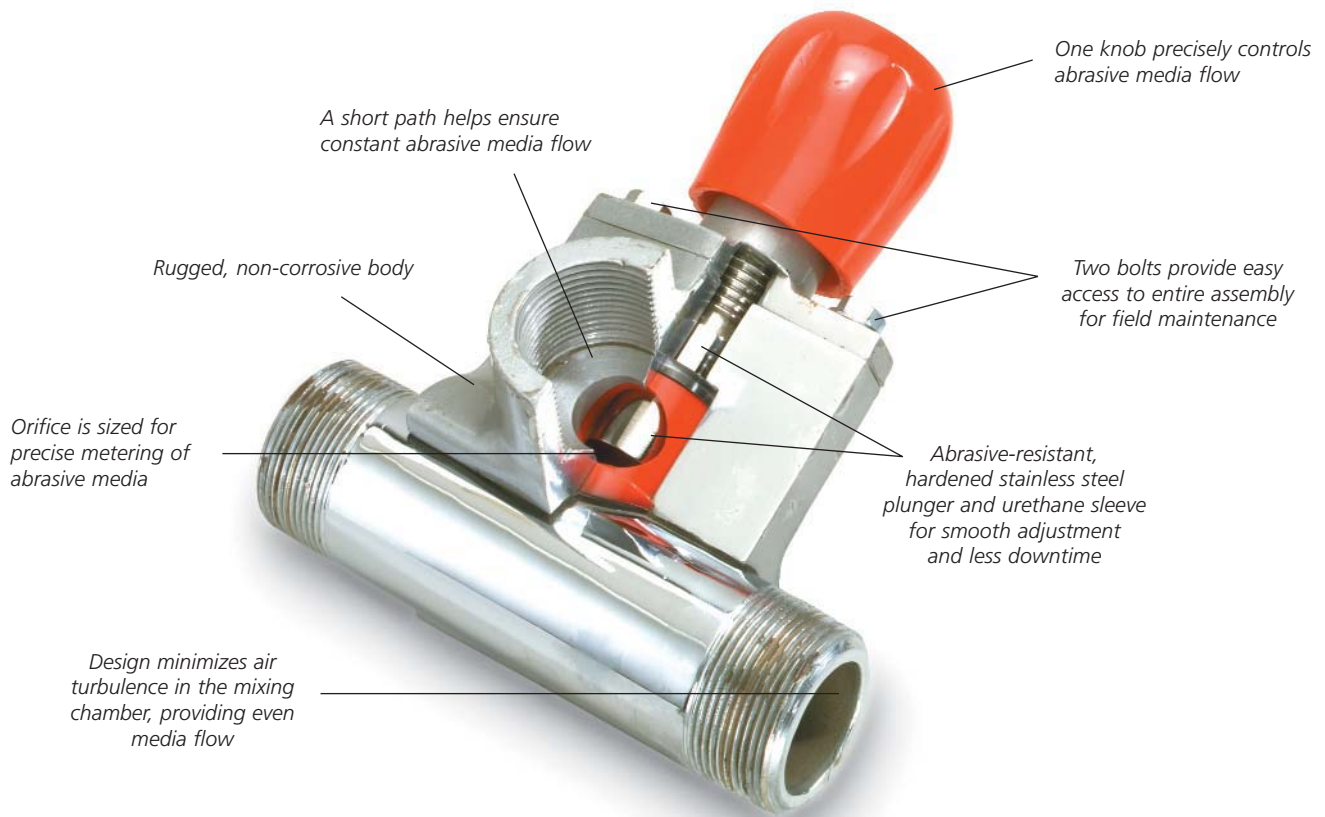
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## MICROVALVE

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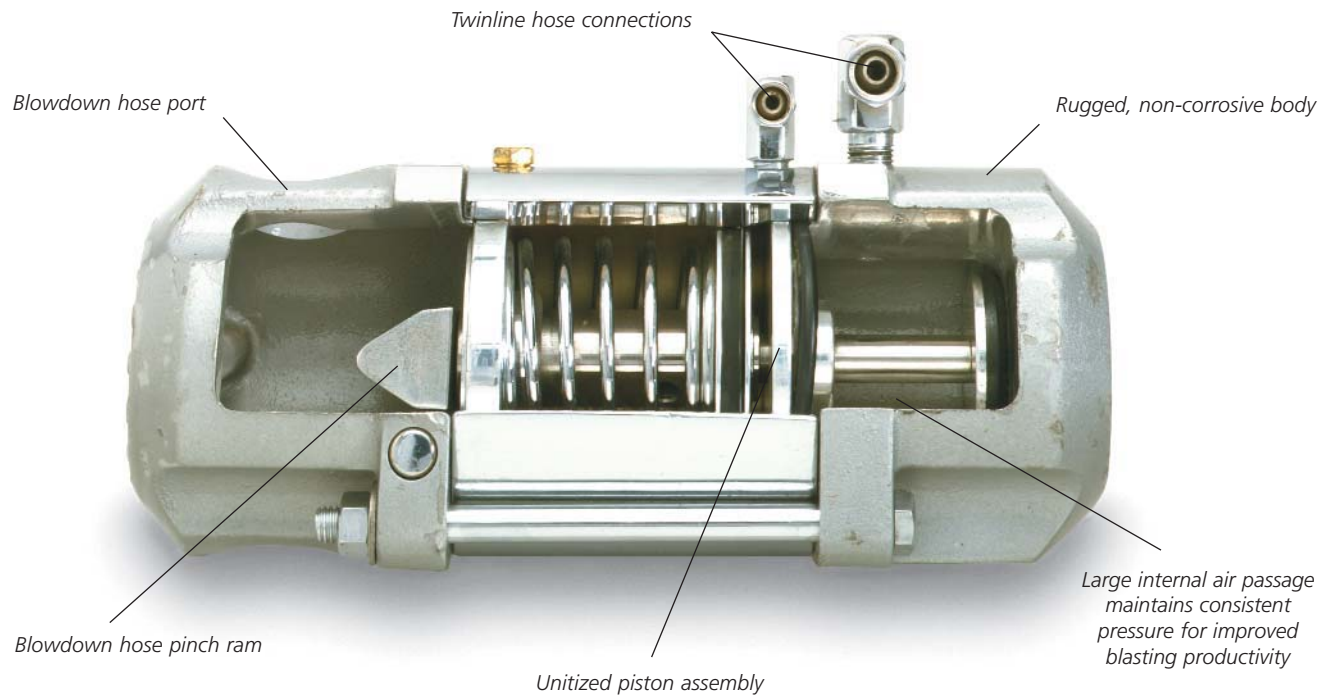
The MicroValve gives you total control of the quantity of abrasive media used, from lightweight plastic to heavy steel grit or shot. Its infinite metering capability increases blast production and effectively controls media consumption. Use the MicroValve with your pinch valves instead of flat sand valves or donut valves, and see the improved performance. The



## COMBOVALVE

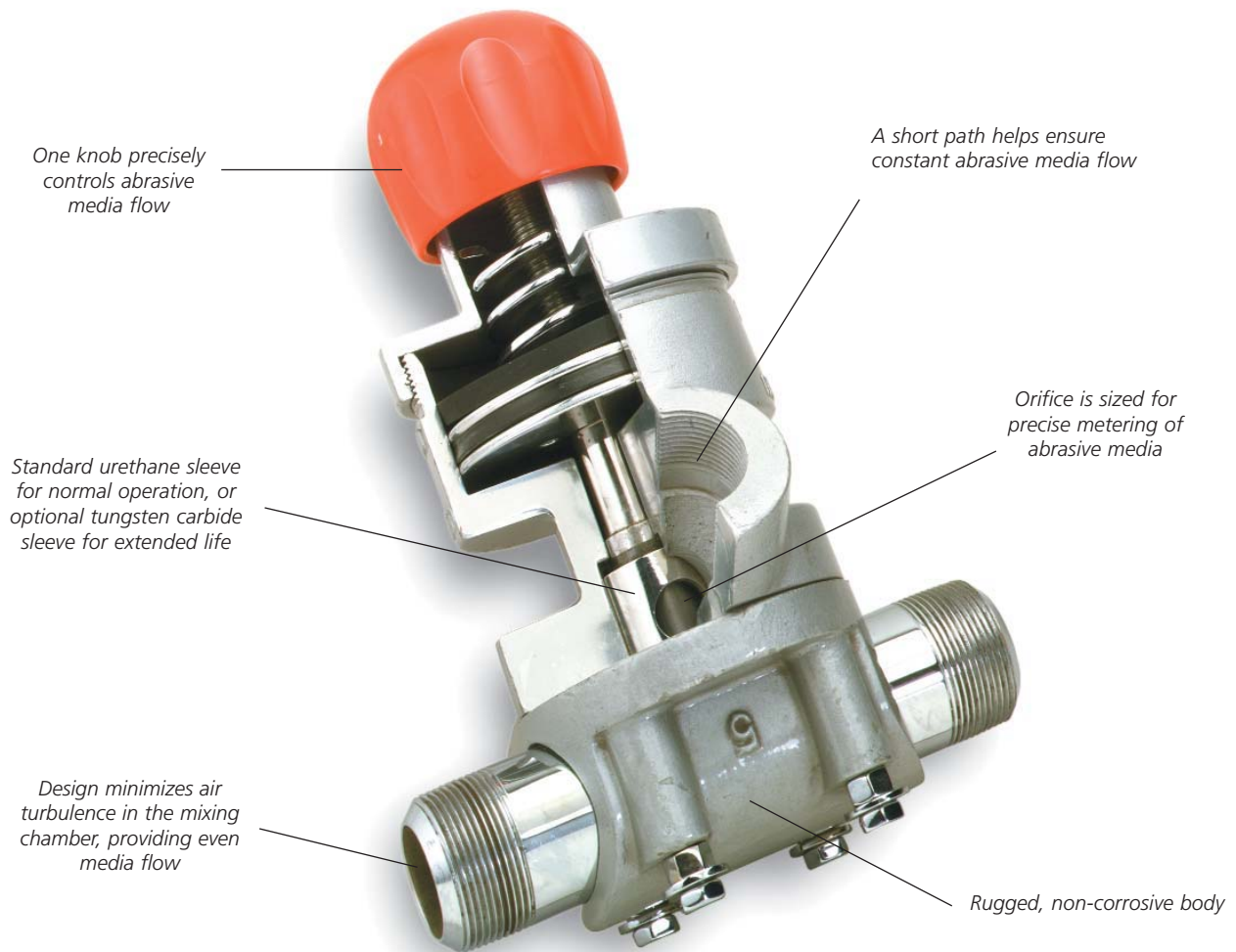
The ComboValve™ is a normally closed, self sealing, fail-safe valve that combines the functions of the air inlet valve and blowdown valve, eliminating premature failure of the blowdown system. It is controlled with either pneumatic or electric remote controls. When the deadman control is pressed, the ComboValve's unitized piston assembly instantly shifts, opening the air inlet and pinching the blowdown hose closed, starting the blasting operation. None of the usual wear or failures found in other blowdown systems can occur with a ComboValve.

The ComboValve also eliminates the need for abrasive traps, expensive plungers and diaphragms that can require frequent, unscheduled and costly downtime. An inexpensive blowdown hose can be replaced in just a few minutes, and any service or repair can be safely performed without removing the valve. In certain applications, its unique design can eliminate potential safety hazards from the operation area by simply extending the blowdown hose out of harms way. The ComboValve operates on 50 to 150 psi air pressure and retrofits to most brands of blasting equipment. A large internal air passage eliminates pressure loss common to other systems.



## THOMPSON VALVE

The original Thompson Valve is a normally closed, self sealing, abrasive metering valve known for its instant, smooth response to either pneumatic or electric deadman controls. This fail-safe valve shuts off abrasive flow to the nozzle and seals the tank at the same instant. A remote abrasive cutoff is available, allowing the operator to stop the flow of media while continuing a constant flow of air. This provides a quick and easy way to clear the blast hose and blasting area of abrasive. Designed for superior operator safety, the Thompson Valve™ is ideal for multiple outlet use and is easily adaptable to most existing blasting systems. It is engineered to allow precise metering of all types of abrasive media and can be modified for special applications.



## DEADMAN CONTROLS

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pneumatic and electric deadman controls are considered to be the most dependable and safest available in the industry. The pneumatic deadman control is a 3-way, normally closed valve, unlike a bleeder type that can cause accidental start up. The Schmidt electric deadman control has an epoxy sealed, normally-off switch that must be pressed to activate the blast system. A short-proof control option further protects against accidental start up, a leading cause of blasting injuries.

### PNEUMATIC DEADMAN CONTROL

- Dependable 3-way normally closed valve for safest operation
- Extra wide lever for positive control
- Rugged, corrosion-resistant body minimizes maintenance
- Easily disassembled for field maintenance

### ELECTRIC DEADMAN CONTROL

- Recommended for use when hose lengths are 150 feet or longer
- Quick response
- Epoxy sealed, normally-off switch for safe operation
- Short-proof control option protects against accidental start up

### ASAP SAFETY SYSTEM

For the highest level of safety and protection, the ASAP Safety System works with the deadman control to instantly depressurize blast hose pressure and provide complete pressure relief at the nozzle on a 200 foot hose in less than one second. It provides an immediate means for releasing system pressure, even if the nozzle is obstructed or the blast hose is blocked. The system eliminates any dangerous abrasive discharge or hose motion that can take place during the time normally required for a hose to depressurize through the nozzle after the controls have closed. Instead, the ASAP Safety System reverses the residual pressure, allowing it to escape immediately through a full 1 ½ inch opening. A special blowdown muffler safely absorbs the energy of the abrasive and compressed air.