

# MV2 Valve

High performance abrasive metering valve is simple to use, long lasting and easy to maintain

A product of Axxiom Manufacturing, Inc.

Schmidt® valves consistently lead the industry in providing an unbeatable combination of operator safety, performance, ease of use and durability. Schmidt valves enable the operator to use significantly less abrasive and are engineered to maximize blasting productivity and reduce downtime.

The MV2® (MicroValve 2) provides high precision metering of abrasive media to increase production and effectively control media use. The patent-pending virtual position indicator allows the operator to quickly and easily set and maintain a consistent media flow rate, every time. A maintenance-friendly design allows for quick cleanout without removing or disassembling the valve. Most repairs can be made with the valve mounted on the vessel.



#### Features:

- Suitable for use with multiple abrasives
- Highest quality components made from durable, abrasive-resistant materials
- Body is quality carbon steel and base/nipple are high strength, hardened steel for durability and long life, even when using aggressive media
- Internal porting and internal bypass line promote better abrasive flow (up to double that of other valves, depending on abrasive) and extend life of internal components
- Cleanout port to remove obstructions without removing or disassembling the valve
- Rebuild kit can be installed from bottom side of valve, while still mounted on vessel
- Plunger is easy to remove and install with standard tools, does not require complete valve disassembly
- Fits most brands of abrasive blasting equipment



800-231-2085 SchmidtAbrasiveBlasting.com

### Specifications:

Body:	Quality carbon steel
Base/Nipple:	High strength, hardened steel
Sleeve:	Polyurethane
Inlet Media Connection:	1 1/4" NPT
Piping Sizes:	1 1/4", 1 1/2"

### Comparing the MV2:

Valve Features	Schmidt MicroValve	Schmidt MV2	MV2 Benefits
Body	Aluminum	Carbon steel	Extends valve life, especially with aggressive media
Base/Nipple	Carbon steel	High strength hardened steel	
Bolt Holes	Not sealed	Sealed	Eliminates air leaks around bolts
Internal Bypass Line	No	Yes	Extends valve life, improves abrasive flow
Knob	Pin-fastened	Integrated	Simplifies assembly/disassembly
Media Connection	1 1/4" female NPT	1 1/4" male NPT	Eliminates need for additional fittings
Abrasive Flow Rate	Normal	High	Flows more abrasive (up to 2x more, depending on media type)
Virtual Position Indicator (VPI)	No	Yes	Simple to set and maintain consistent media flow rate. See it, set it
Knob Adjustment	Yes	Yes (large)	Easy to use, more compact than other handle types. Large knob is easy to grip and adjust
Cleanout Port	No	Yes	Clear obstructions without removing/disassembling valve
Maintenance Access Req'd	Top, bottom	Bottom	Easy access, fewer components shorten rebuild maintenance time
Body Bolt	5/16" x 3 1/4"	3/8" x 1"	Simplifies assembly/disassembly

### Video:

MV2 videos can be viewed online at [SchmidtAbrasiveBlasting.com](http://SchmidtAbrasiveBlasting.com) or on YouTube.

Contact your local Schmidt distributor or call Axxiom at 800-231-2085 for distributor information.



**800-231-2085** [SchmidtAbrasiveBlasting.com](http://SchmidtAbrasiveBlasting.com)

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