



PanBlast™ Abrasive Feed Control Valves

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PanBlast™ Major Valve -

Refer Pan Abrasives Product Support Manual Stock Codes -BAC-VA-PB-0117 (Urethane Sleeve)
-BAC-VA-PB-0089 (Tungsten Sleeve)

The PanBlast™ Major Valve is a normally closed abrasive metering valve requiring a pilot air supply to open it, thus permitting abrasive flow. The valve may be used on both pressure hold and pressure release blast cleaning pots. When used on pressure hold, multiple outlet blast pots, the Major Valve permits each operator to blast totally independently of others. When used with pressure release blast pots the Major Valve prevents the blast hose filling with abrasive each time the pot is depressurised.

The Major Valve may also be fitted with an abrasive cut off switch to stop abrasive flow, but permit airflow through the nozzle, to create a blow down facility. A plunger and orifice sleeve assembly meters abrasive flow to the blast nozzle. Abrasive flow adjustment is via a metering knob that adjusts the depth of the plunger into the orifice sleeve. The standard sleeve is manufactured from wear resistant urethane, with an optional Tungsten Carbide sleeve available for high wearing applications.



PanBlast™ Minor Valve -

Refer Pan Abrasives Product Support Manual Stock Codes



-BAC-VA-PB-0060
-BAC-VA-PB-0061
-BAC-VA-PB-0062
-BAC-VA-PB-0063

savings due to virtually no abrasive wastage.

The low profile PanBlast™ Minor Valve offers one of the highest degrees of abrasive metering adjustment. This permits precise, constant abrasive flow to the blast nozzle, resulting in significant cost

The PanBlast™ Minor Valve may be used with all abrasive types, from soft plastics, through to aggressive metallics. The simple design of the PanBlast™ Minor Valve permits easy dismantling to remove obstructions or for maintenance. A plunger and orifice assembly meters

abrasive flow to the blast nozzle. Abrasive flow adjustment is via a metering knob that adjusts the depth of the plunger into the orifice.

PanBlast™ Flat Sand Valve -

Refer Pan Abrasives Product Support Manual Stock Code -BAC-VA-PB-0034

The Flat Sand Valve is utilised to provide precise metering of abrasive from the blast pot to the blast hose. With its unique 45° design, the Flat Sand Valve permits a smooth natural flow of abrasives into the blasting air stream. One fixed, and one movable, Stainless Steel metering plate provide long life and a high degree of metering adjustment, ensuring maximum productivity without abrasive wastage.





PanBlast™ Miser Valve -

Refer Pan Abrasives Product Support Manual Stock Code -BAC-VA-PB-0001

The toughest of all abrasive metering valves, the PanBlast™ Miser Valve is designed specifically for use in high wear applications, such as high production automatic airblast equipment or blast rooms using steel or chilled iron abrasives.

Manufactured from virtually indestructible cast gunmetal and lined with abrasive resistant Linatex, the Miser Valve provides excellent reliability and precise abrasive metering.

All internal metering components are manufactured from wear resistant stainless steel. A metering shoe exposing varying amounts of an orifice hole in the metering plate, adjusts abrasive flow to the blast nozzle. Once the correct abrasive flow is set, a guide pin allows the valve to be closed and then easily reopened to the same abrasive flow setting. A removable clean out plate permits easy access to the valve to remove foreign objects or damp abrasives. The Miser Valve is designed for use with blast pots fitted with 25mm or 32mm piping.

PanBlast™ Junior Miser Valve -

Refer Pan Abrasives Product Support Manual Stock Code -BAC-VA-PB-0017

The PanBlast™ Junior Miser Valve is manufactured to the same design as the PanBlast™ Miser Valve, but is designed for use on pots fitted with 13mm to 19mm piping. The main housing is manufactured from cast iron, and is fitted with a stainless steel orifice disc and metering plate. The metering plate is adjusted to expose the varying amounts of an orifice hole in the disc, thus varying the amount of abrasive flow to the blast nozzle.



A removable clean out plug permits access to remove foreign object from within the valve body. The heavy duty construction of the PanBlast™ Junior Miser Valve is designed to

PanBlast™ Enviro Garnet Valve -

Refer Pan Abrasives Product Support Manual Stock Code -BAC-VA-PB-0112

The PanBlast™ EnviroValve is a cost effective, manually operated, ball type abrasive feed control valve, specifically designed for use with garnet abrasive.

The EnviroValve features a simple, robust design, constructed from grade 316 stainless steel, which provide long operating life, in even the most arduous conditions.

A urethane insert within the centre of the EnviroValve is featured to provides accurate abrasive metering, and consistent flow.

The EnviroValve features 32mm (1 1/4") threaded fitting for simple installation, and the tie rod design provides for quick and easy dismantling of the valve assembly as and when required.



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