



**SMARTBLAST®**



## FSV Metering Valve

The SMARTBLAST FSV flow control valve is designed for the precise metering of abrasive into the compressed air flow at the outlet of a blast machine.

### Design features

The 45° inclined FSV valve design affords uniform mixture of air and abrasive. The valve's durable control disks provide precise metering of an abrasive quantity. The service port allows the valve to be cleared of clogging.

Order Code	Model	Description
SMB10850	FSV	FSV Flow control valve 1.1/4"

## SGV Metering Valve, Rubber Pipe for SGV Valve

The SMARTBLAST SGV flow control valve is designed for the precise metering of abrasive into the compressed air flow at the outlet of a blast machine.

### Design features

The SGV valve is used for metering heavy or aggressive abrasive materials, such as steel shot and grit or aluminium oxide. The SGV design prevents the valve body from coming into contact with the abrasive stream. The abrasive stream only touches the rubber pipe, which may be quickly replaced when worn. The abrasive is metered by means of constricting the rubber pipe by a metering screw.



Order Code	Model	Description
SMB 10860	SGV	SGV flow control valve for heavy or aggressive materials
SMB 00038		Rubber pipe for SGV valve, spare part

## Abrasive Metering Valves



SMB-GRT-007	Abrasive grit valve 1-1/4"
SMB-GRT-008	Abrasive grit valve 1-1/2"
SMB-GRT-001	Repair kit abrasive grit valve 1-1/4"
SMB-GRT-002	Repair kit abrasive grit valve 1-1/2"



**SMARTBLAST®**



## Remote Control System for Blast Vessels

The remote control system is used by a single abrasive blasting operator for starting up and shutting down the blast machine. The remote control system comprises a remote control RCV valve and remote control DMH handle, which are connected by a twin hose.

### Design features

The RCV remote control valve responds when the DMH handle is pressed. The blast machine's tank is pressurized and the abrasive blast cleaning process begins. When the DMH handle is released, the RCV remote control valve closes, the abrasive blast cleaning process terminates and the machine's tank depressurizes.

Order Code	Model	Description
SMB10871	RCV	RVC Remote control valve 1/2"
SMB10870	RCV	RVC Remote control valve 1.1/4"
SMB10880	DMH	DMH Remote control handle

## Blast Machine Spares



Order Code	Description
SMB10930	Moisture separator 1 1/4"
SMB10931	Moisture separator 1 1/2"
SMB10960	Pop-up valve, Rubber
SMB10950	O-Ring, Rubber
SMB10900	Sandblast coupling 1 1/4, CFT
SMB10980	Rubber gasket for CFT/CQT, spare part

## Rubberized Fitting for Blast Machine



Order Code	Description
SMB10990	Y-Piece 45 1 1/4" rubberized
SMB10911	Nipple 1 1/4" rubberized
SMB10921	Pipe 1 1/4" (100mm) rubberized
SMB10948	T-Piece, 90, 1 1/4" (FFF), rubberized



**SMARTBLAST®**



## Nozzle Holders, Nylon

Order Code	Description
SMB-12209	Nylon nozzle holder, for hose diameter 13x27mm
SMB-12200	Nylon nozzle holder, for hose diameter 19x33mm
SMB-12201	Nylon nozzle holder, for hose diameter 25x39mm
SMB-12202	Nylon nozzle holder, for hose diameter 32x48mm
SMB-12208	Rubber gasket for SMB - 12209
SMB-12207	Rubber gasket for SMB - 12200
SMB-12203	Rubber gasket for SMB - 12201
SMB-12204	Rubber gasket for SMB - 12202



## Blast Host Quick Coupling

Order Code	Description
SMB-12309	Nylon hose coupling, for hose diameter 13x27mm
SMB-12300	Nylon hose coupling, for hose diameter 19x33mm
SMB-12301	Nylon hose coupling, for hose diameter 25x39mm
SMB-12302	Nylon hose coupling, for hose diameter 32x48mm
SMB-12319	Malleable iron hose couplings, zinc plated, for hose diameter 13 x 27 mm
SMB-12311	Malleable iron hose couplings, zinc plated, for hose diameter 29 x 39 mm
SMB-12312	Malleable iron hose couplings, zinc plated, for hose diameter 32 x 48 mm
SMB-10981	Rubber gasket for 1/2" coupling
SMB-12307	Rubber gasket for 3/4" coupling
SMB-12303	Rubber gasket for 1" coupling
SMB-10980	Rubber gasket for 1 1/4" coupling

Corrosion resistant steel cables with plated springs and aluminium ferrules



## Hose Safety Cables, Clips & Screw

Order Code	Description
SMB- 12321	Safety whip check cable 20"
SMB- 12322	Safety whip check cable 28"
SMB- 12323	Safety whip check cable 38"

### Safety Clips :

Keep your couplings Fastened during operation

When a hose is pressurized, it moves. This can cause twist type fittings to separate. An easy way to prevent this is to pin the two sides of the fitting together using the lugs provided.

Use these clips to make sure couplings won't get inadvertently detached.

### Screws:

Fits on all types of Nozzle Holders, Brass /Cast iron/Aluminium Sand blast hose couplings

## Air Hose Couplings, Clamps & Fittings



### Quick-release air hose coupling hose end

Order Code	Description
SMB-50017	Compressed air hose coupling ID 3/4"
SMB-50018	Compressed air hose coupling ID 1"
SMB-50019	Compressed air hose coupling 4 jaw ID 1-1/2"
SMB-50020	Compressed air hose coupling 4 jaw ID 2"



### Quick-release air hose coupling female thread

SMB-50021	Compressed air hose coupling ID 3/4"
SMB-50022	Compressed air hose coupling ID 1"
SMB-50023	Compressed air hose coupling 4 jaw ID 1-1/2"
SMB-50024	Compressed air hose coupling 4 jaw ID 2"



### Quick-release air hose coupling male thread

SMB-50025	Compressed air hose coupling ID 3/4"
SMB-50026	Compressed air hose coupling ID 1"
SMB-50027	Compressed air hose coupling 4 jaw ID 1-1/2"
SMB-50028	Compressed air hose coupling 4 jaw ID 2"



### Heavy duty air hose clamp 2 bolt

SMB-50029	Heavy duty air hose clamp 3/4"
SMB-50030	Heavy duty air hose clamp 1"
SMB-50031	Heavy duty air hose clamp 1-1/2"
SMB-50032	Heavy duty air hose clamp 2"



### Heavy duty air hose clamp 2 bolt-Claw Type

SMB-50029-C	Heavy duty air hose clamp 3/4"
SMB-50030-C	Heavy duty air hose clamp 1"
SMB-50031-C	Heavy duty air hose clamp 1-1/2"
SMB-50032-C	Heavy duty air hose clamp 2"



### Heavy duty air hose clamp 4 bolt

SMB-50033	Heavy duty air hose clamp 3/4"
SMB-50034	Heavy duty air hose clamp 1"
SMB-50035	Heavy duty air hose clamp 1-1/2"
SMB-50036	Heavy duty air hose clamp 2"



## Black steel fittings

Heavy duty fittings available ranging in size from 1/2" up to 2"



**SMARTBLAST®**



Accessories for Breathing air filter



AC1000 Series Cool Tube



## Breathing Air Filter

**MOUNTING SYSTEM:** The SMARTBLAST AIRLINE FILTER has a unique twist and lock mounting system making it easy to mount in either the floor or wall mounting positions. No bolts are required. Simply place in position and turn to lock.

**ADVANTAGE :** The EXTRA leg space provided allows the easy drain of the collected moisture and filter cartridge is interchangeable with RPB/Bullard filters as well.

**FILTER OPTIONS :** 04-900 1 - 2 outlet filter unit. 04-906 6 outlet filter unit.

Order Code	Description
SMB-930400	Air filter. Complete package incl 2 outputs, pressure regulator, drain vave, safety valve
SMB-930401	Air filter cartridge

## Breathing Air Filter Cartridge

SMARTBLAST offers two types of breathing air filter cartridges, the flanged and unflanged, both will fit into many brands of air filter units. Both air filter cartridges offer increased filter life with the use of quality filtration materials. Natural fibre felt swabs efficiently absorb oil from the air stream allowing the compressed air to flow through to the further stages of moisture and odour removal.

**PLEASE NOTE:** The Breathing Air Filter Cartridge shown with a lip is flanged, without a lip is unflanged.

## Breathing Air Cool Tube

The output temperature of the CCT air conditioner is up to +/- 20 c below or above the input temperature.

The CCT breathing air conditioner is designed for use with al blast helmets GENVX, 88VX,NOVA3,Commander and Panorama. It functions according to the principle of airflow separation and intended for heating or cooling breathing air which travels from the breathing air filter to the blast helmets.

Order Code	Description
SMB-930305	AC cooling tube-SMB
SMB-AC1000	AC cooling tube-Bullard

## Abrasive Blast Suits Body Protection

### Nylon & Leather Blast Suits

Available in both Nylon and Leather Reinforced, these coveralls are the ideal outfit for blasters in the warmer months of Spring, Summer, and Fall. The Nylon Coveralls allow for lightweight, durable comfort during the blasting process, with easy mobility for the workers. The Leather Reinforced Outfits offer similar comfort with toughness that can stand up under the most demanding blasting environments.

Order Code	Description
SMB-L52	Blast suit leather, medium
SMB-NY52	Blast suit nylon, medium
SMB-L54	Blast suit leather, large
SMB-NY54	Blast suit nylon, large
SMB-L56	Blast suit leather, extra large
SMB-NY56	Blast suit nylon, extra large