

alpha-blast

profit through productivity

SuperFlow BLAST POTS

The alpha-blast SuperFlow blast pot combines our 80 years of experience in the blast cleaning industry to produce a high production, reliable and operator safe blasting system guaranteed to increase your productivity and profitability on every project.

The alpha-blast SuperFlow blast pot has been designed specifically to provide high productivity and ease of maintenance.



REMOVABLE SERVICE ACCESS FOR POP UP VALVE AND SEATING RING.

ALL REMOTE CONTROL VALVES ARE FLANGE MOUNTED TO ALLOW QUICK AND EASY REMOVAL AND REFITTING FOR SERVICING.

STURDY SUPPORT FRAME ENSURES POT IS STABLE WHEN STATIONARY.

EXHAUST SILENCER REDUCES BLOW DOWN NOISE WHEN DEPRESSURISING POT.

120 DEGREE STEEP CONE ENSURES CONSISTENT SMOOTH ABRASIVE FLOW FROM BLAST POT TO NOZZLE.

FLANGE MOUNTED ABRASIVE METERING VALVE PROVIDES EASY REMOVAL FOR SERVICE.

SUPERFLOW DESIGN

Conventional blast pots are fitted with 90 degree lower cone. The SuperFlow design is 120 degree steep lower cone. This increased angle of the lower cone provides a more consistent abrasive flow to the metering valve and ensures the pot is suitable for all abrasive types. Even the finest of abrasives ie, garnet, glass beads, sodium bicarbonate etc, will flow smoothly and uninterrupted.

EASE OF MAINTENANCE

Remote control and abrasive metering valving are mounted to bolt on/off flanges. The valves are quickly, easily and safely removed from the blast pot as and when maintenance is required. Only basic hand tools required for servicing.

No more tiny hand hole to squeeze into to service pop up valve and seating ring. Removable bolt on seating ring housing permits full access to the blast pot interior. Replacing pop up valve and seating ring has never been easier.

SAFETY

Rigid support frame and over size wheels allows the SuperFlow blast pot to be easily moved and firmly positioned. With the fully removable seating ring housing confined space and access issues are totally eliminated.

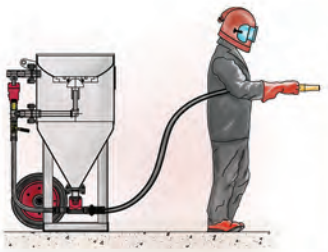
PRODUCTIVITY

Achieve maximum production rates and faster throughput rates, all alpha-blast pots are fitted with full flow 1-1/4" valves, piping and fittings to maintain maximum blasting pressure at the nozzle.

RELIABILITY

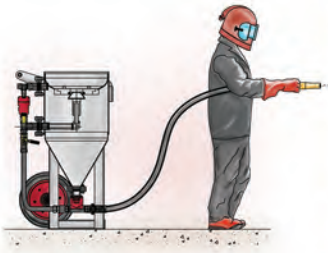
Durable high quality components are used throughout the pot assembly and the high flow Compact Remote Valve provides trouble free service. All valve service kits are inexpensive and easy to fit when servicing is required.

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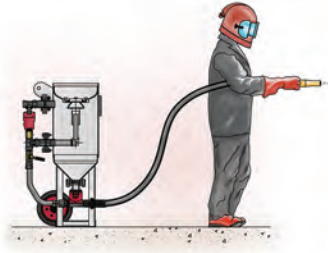
SUPERFLOW BLAST POT SF-200

As the blasting industries most popular sized machine the SF-200 is perfect for blast room applications using recyclable abrasives or for open blasting with expendable abrasives. Fitted with 1 1/4" piping, Compact Remote Valve, Silencer, Moisture Separator and Abrasive Saver Valve as standard the SF-200 has a large 200 litre capacity allowing for long periods of uninterrupted blasting. Unit can be supplied as pot only or as a complete blast pot package with Blast Helmet, Breathing Air Filter, 20m Breathing Airline, 20m Lightweight Fitted Blast Hose and #6 Tungsten Nozzle with Aluminium Jacket.



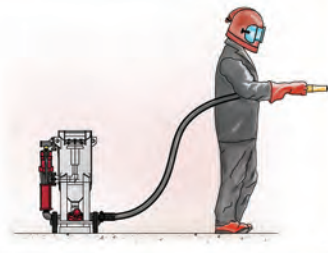
SUPERFLOW BLAST POT SF-100

The SF-100 is ideally sized for easy on site relocation or for use on small blastrooms where long blasting times are not required. Fitted with 1 1/4" piping, Compact Remote Valve, Silencer, Moisture Separator and Abrasive Saver Valve as standard the SF-100 is the perfect height to allow the operator to quickly and easily manually load abrasive. Unit can be supplied as pot only or as a complete blast pot package with Blast Helmet, Breathing Air Filter, 20m Breathing Airline, 20m Lightweight Fitted Blast Hose and #6 Tungsten Nozzle with Aluminium Jacket.



SUPERFLOW BLAST POT SF-50

Although small the SF-50 is still fitted with full size piping and fitting making it ideal for those small blasting projects that need to be completed as quickly as possible but do not require a full sized industrial unit. Fitted with 1 1/4" piping, Compact Remote Valve, Silencer, Moisture Separator and Abrasive Saver Valve as standard the SF-50 has all the features of the larger alpha-blast machines in a slimline, compact design and with an abrasive capacity of 50 litres you'll be able to get plenty of work done before refilling is required. Unit can be supplied as pot only or as a complete blast pot package with Blast Helmet, Breathing Air Filter, 20m Breathing Airline, 20m Lightweight Fitted Blast Hose and #6 Tungsten Nozzle with Aluminium Jacket.



SUPERFLOW BLAST POT SF-20

The baby of the range the SF-20 is still fitted with full flow 1 1/4" piping so the blast power is as strong as the rest of the range. Ideal for loading into a cherry picker with one or two bags of abrasive to get to reach those difficult to reach areas where full power blasting is required. The SuperFlow SF-20 is fitted with Compact Remote Valve, Silencer, Moisture Separator, Abrasive Save Valve, Twinline and Deadman Control Handle. Unit can be supplied as pot only or as a complete blast pot package with Blast Helmet, Breathing Air Filter, 10m Breathing Airline, 10m Lightweight Fitted Blast Hose and Short Venturi Tungsten Nozzle with Aluminium Jacket.

STANDARD ITEMS



ABRASIVE SAVER VALVE

regulate just the right amount of abrasive to the nozzle.



COMPACT REMOTE VALVE

fast response and reliable operation for long life service.



EXHAUST SILENCER

prevent injury from excessive noise and flying abrasive particles.



MOISTURE SEPARATOR

remove trace moisture from air stream.



BLAST HOSE

long lasting and lightweight reduces operator fatigue.



DEADMAN HANDLE

simple and reliable air bleed system.

OPTIONAL ITEMS



NORMALLY CLOSED VALVE

for pressure hold configured pots.



NOZZLE

choice of tungsten, silicon and boron carbide to suit application.



ELECTRIC DEADMAN

instant fast response for deadman controls.



BLAST LIGHT

increase visibility in confined and dark spaces.



DRYZABLAST COMPRESSED AIR TREATMENT

provides clean and dry compressed air to the nozzle.

| | Part Number | | |
|--------|-------------|-----------|-----------|
| Model | Package A | Package B | Package C |
| SF-200 | 201060 | 201064 | 201068 |
| SF-100 | 201061 | 201065 | 201069 |
| SF-50 | 201062 | 201066 | 201070 |
| SF-20 | 201063 | 201067 | 201071 |

Package A consists of:

alpha-blast coded pressure vessel blast pot, Compact Remote Valve, Deadman Handle, 20 meter Twinline hose (10 meter for model SF-20), Abrasive Saver Valve, Moisture Separator.

Package B consists of:

Package A plus 20 meter Lightweight Blast Hose (10 meter for model SF-20), Nylon Nozzle Holder, Nylon Hose Coupling, #6 Tungsten Carbide Nozzle (#4 short venturi for model SF-20).

Package C consists of:

Package B plus Breathing Air Filter, Blasting Helmet, Cold Air Tube, 20 meter Breathing Air Line (10 meter for model SF-20), Leather/Cotton Blast Suit, Blasting Gloves.

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