

World-leading Surface Preparation and Finishing Solutions

# Blast Machines



# AIRBLAST EUROSPRAY, AN INTRODUCTION

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Airblast Eurospray is one of the leading global voices in surface preparation and finishing. We design, manufacture, install and sell blast and spray equipment and facilities to some of the world's most important organisations. With roots stretching back to 1971, we're known for driving the market with innovative, technically excellent blast and paint solutions for a wide range of industries.

## WORLD-LEADING BLAST AND SPRAY EXCELLENCE

Our equipment is used in many demanding environments where product integrity is vital – so we only manufacture and sell facilities and equipment that we know are:

- Robust
- Well-designed
- Powerful
- Able to deliver optimum performance – safely and efficiently

## PROFESSIONAL RESULTS

We're proud to offer complete solutions for any blast and spray application with a full range of products and services to help you complete your work to a high professional standard. If you have a bespoke query or cannot locate a specific product our brochures, please contact our sales team who will be happy to help you.

## KNOWLEDGE TRANSFER

Performance is nothing without knowledge - especially with safety-critical processes like blasting. That's why we provide full operator training with industry experts as well as top-up training to keep experienced operators up-to-date with the latest blast and paint technology and developments. Contact our Training Specialists on 01778 560650 to find out more.

## SERVICE AND AFTERCARE

We want you to get the best from your equipment for years to come, so we offer:

- Product and facility servicing
- Service contracts with reduced parts and labour rates
- Equipment collection
- Site visits, inspection and investigation services
- Next day delivery on many products

## EQUIPMENT HIRE

Want to try before you buy? Many of our products are available for hire including blast machines, coating systems, water injection pumps, vacuum transfer units, suction and pressure cabinets, dust arrestors, hand-held closed circuit blast machines, closed circuit blasting and extractor fans. Contact our Hire Team for more information.

Finance packages available to help spread the cost of purchase. Get in touch today.

## AIRBLAST EUROSPRAY

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# AIRBLAST EUROSPRAY BLAST MACHINES (RED)

A range of high production single chamber blast machines, manufactured to suit the requirements of anticorrosion industries. All machines are designed to guarantee fast filling, unrestricted airflow and easy access for inspection and maintenance. High precision abrasive metering valves give accurate delivery of all types of blasting media.

## Features:

- Concave head and conical bottom allows easy filling and easy flow of all types of abrasives.
- Heavy duty pop-up valve to give quick response to pressurisation.
- Lifting eyes for easy mobility.
- Special Designed Hose Connection for easy maintenance.
- All machines mounted on large rugged wheels for easy manoeuvrability on site.
- Working pressure of 12bar.
- A full range of Abrasive Metering Valves are available.
- Standard fitted with:
  - RCV-125 pneumatic operated Remote Control System incl. DMH-125 Deadman Handle and 20 metre twin-line control hose c/w couplings.
  - Highly efficient Clearline Moisture Separator to prevent the entry of moisture and oil from the compressor into the blast pot.
- All machines are CE approved and supplied with full international test certification.



## Specifications

Model	Dimensions (diameter x height mm)	Capacity (ltr)	Weight (kg)
ABSC-18	258 x 781	18	40
ABSC-50	630 x 1150	50	77
ABSC-100	800 x 1150	100	105
ABSC-200	850 x 1450	200	161

# BLAST MACHINES (RED) – FEATURES

Concave head and conical bottom allows easy filling and easy flow of all types of abrasives

Heavy duty pop-up valve to give quick response to pressurisation

Lifting eyes for easy mobility

Safety valve assembly for monitoring of pressure

Inspection door quick release for easy inspection and servicing

RCV-125 pneumatic operated Remote Control System including DMH-125 Deadman Handle and 20m twin-line control hose c/w couplings (also available in electric execution)

Working pressure of 12bar

Highly efficient Clearline Moisture separator to prevent the entry of moisture and oil from the compressor into the blast pot

Specially designed hose connection for easy maintenance

Mobility – all machines mounted on large rugged wheels for easy maintenance on site

Available with optional cover and new design screen

**Abrasive metering valves:**

- Micro valve (standard)
- FSV Flat sand valve
- SGV Steel grit valve
- GVA Steel grit valve
- Thompson valve

All machines are CE approved and supplied with test certification

Optional: Earthing cable



# AIRBLAST EUROSPRAY BLAST MACHINES 18LTR

Small but mighty - guaranteed fast filling, unrestricted airflow and easy access for inspection and maintenance. High precision abrasive metering valves give accurate delivery of all types of blasting media.

## Features

- Concave head and conical bottom allows easy filling and easy flow of all types of abrasives.
- Heavy duty pop-up valve to give quick response to pressurisation.
- Lifting eyes for easy mobility.
- Specially designed Hose Connection for easy maintenance.
- All machines mounted on large rugged wheels for easy manoeuvrability on site.
- Working pressure of 12bar.
- A full range of Abrasive Metering Valves are available. Standard fitted with:
  - RCV-125 pneumatic operated Remote Control System incl. DMH-125 Deadman Handle with 10m or 20m twin-line control hose c/w couplings. Highly efficient Clearline Moisture Separator to prevent the entry of moisture and oil from the compressor into the blast pot.
- All machines are CE approved and supplied with full international test certification.



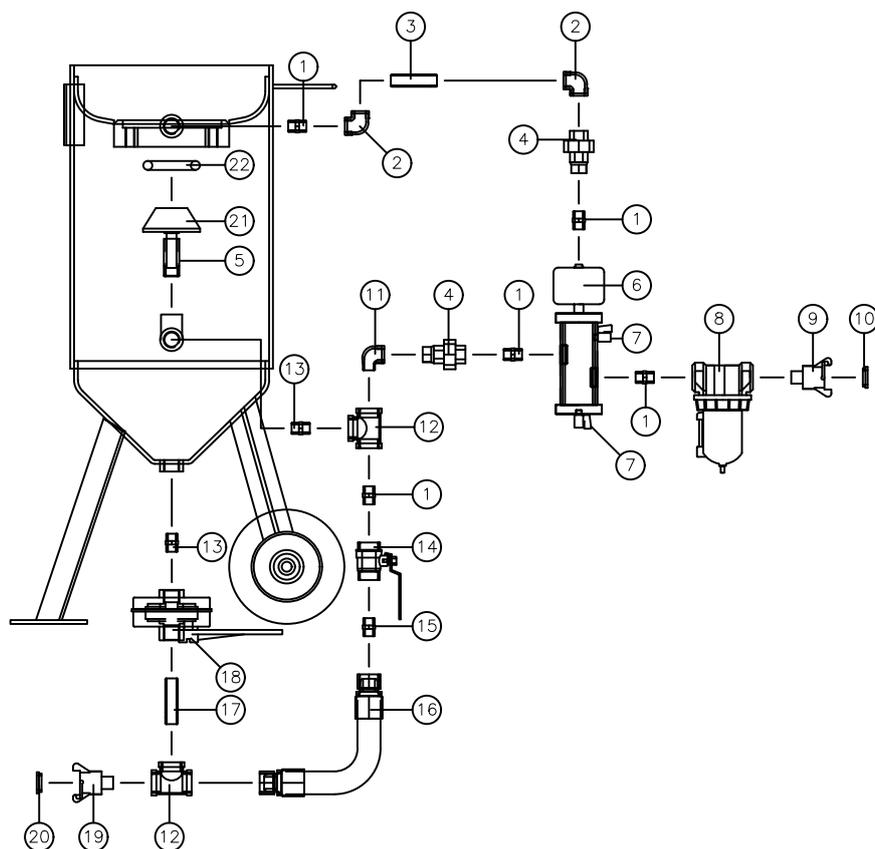
## Specifications

Model	Dimensions (diameter x height in mm)	Capacity (ltr)	Weight (kg)
ABSC-18	258 x 781	18	40
ABSC-50	630 x 1150	50	77
ABSC-100	800 x 1150	100	105
ABSC-200	850 x 1450	200	161

# BLAST MACHINE (RED) 18LTR – DRAWING AND PART LIST

## Blast Machine (red) 18ltr – Parts

Item	Part no.	Description	Item	Part no.	Description
1	ABPOT1015	½" MI nipple	12	ABPOT1023	½" equal tee
2	ABPOT1020	½" MI F/F 90° bend	13	ABPOT10146	½" high pressure nipple
3	On request	½" pipe (long)	14	ABPOT1001	½" ball valve
4	ABPOT1017	½" M-F union	15	On request	½" coned nipple
5	On request	Pop pipe (internal)	16	On request	Pusher hose
6	ABPOTRCV11220	Mini remote control valve	17	On request	½" pipe (short)
7	ABPOT21	¼" ball valve	18	ABPOT1007	AP7 valve
8	ABPOTMT13	½" moisture trap complete	19	ABPOT1009	½" claw coupling
9	ABCOBW3	½" claw coupling	20	ABCOBW7	Coupling gasket
10	ABCOBW7	Coupling gasket	21	ABPOT1002	Pop up valve
11	ABPOT101411	½" MI M/F 90° bend	22	ABPOT1005	Pot sealing ring



# AIRBLAST EUROSPray BLAST MACHINES 50LTR

This tough 50ltr blast pot is designed for fast filling, unrestricted airflow and easy inspection access. High precision abrasive metering valves give accurate delivery of all types of blasting media.

## Features:

- Concave head and conical bottom allows easy filling and easy flow of all types of abrasives.
- Heavy duty pop-up valve to give quick response to pressurisation.
- Lifting eyes for easy mobility.
- Specially designed Hose Connection for easy maintenance.
- All machines mounted on large rugged wheels for easy manoeuvrability on site.
- Working pressure of 12bar.
- A full range of Abrasive Metering Valves are available. Standard fitted with:
  - RCV-125 pneumatic operated Remote Control System incl. DMH-125 Deadman Handle and 10m or 20m twin-line control hose c/w couplings.
  - Highly efficient Clearline Moisture Separator to prevent the entry of moisture and oil from the compressor into the blast pot.
- All machines are CE approved and supplied with full international test certification.



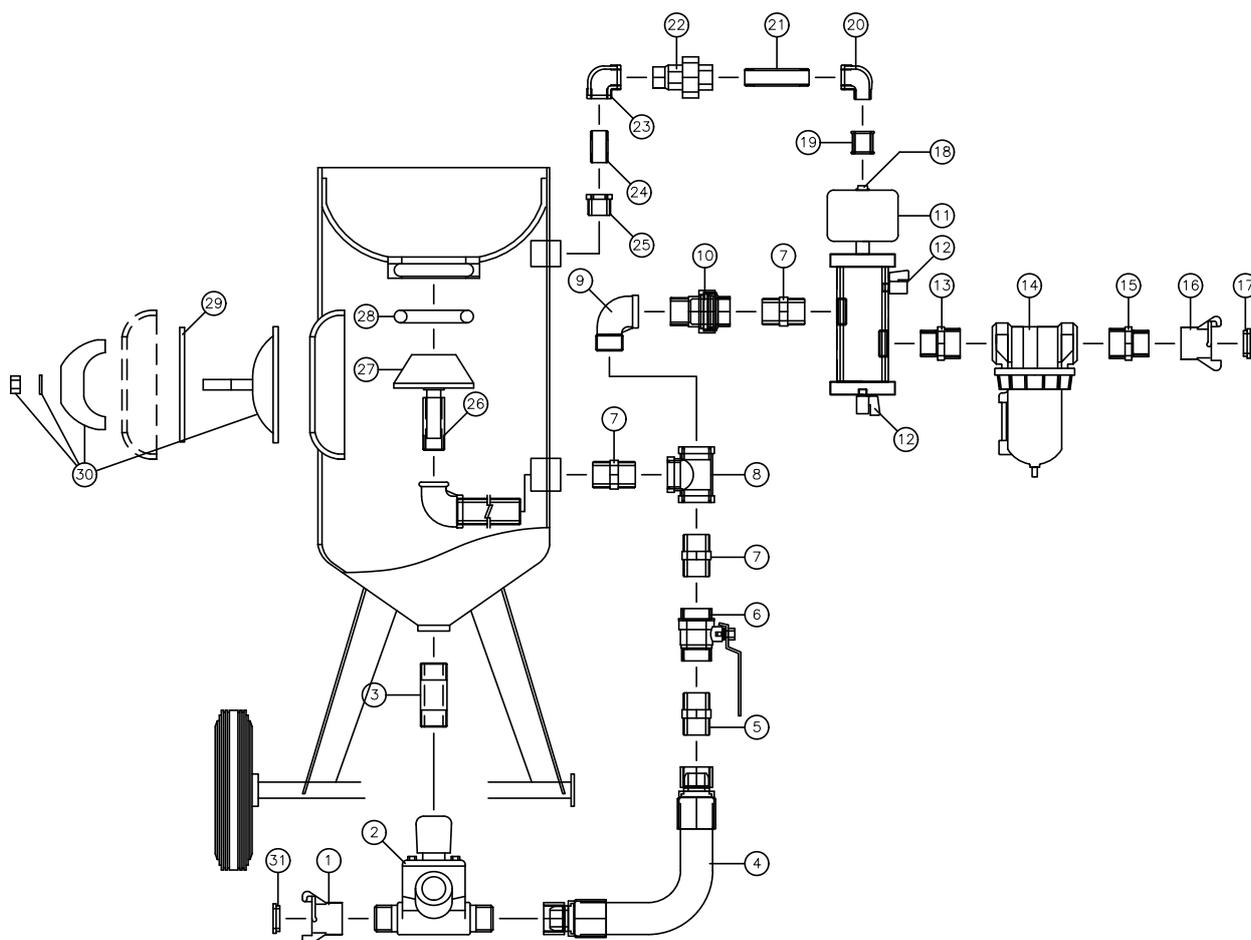
## Technical data

Capacity:	50ltr
Max. system pressure:	12bar
Min. system pressure:	5bar
Max. compressed air temperature:	50°C
Min. compressed air temperature:	5°C
Max. ambient temperature:	50°C
Min. ambient temperature:	5°C
Dimensions (dia. x height):	358 x 1135mm

# BLAST MACHINE (RED) 50LTR – DRAWING AND PART LIST

## Blast Machine (red) 50ltr – Parts

Item	Part no.	Description	Item	Part no.	Description
1	ABPOT9C	1½" quick coupling	17	ABCOBW7	Couple gasket
2	ABPOTMGV	Micro valve	18	ABPOTRCV12073	¾" MI nipple
3	ABPOT8A6	600PSI 1¼" steel nipple	19	ABPOT1065	¾" MI socket
4	On request	Pusher hose	20	ABPOT88	¾" MI M/F 90° bend
5	ABPOT8A	1¼" high pressure nipple	21	On request	¾" pipe (long)
6	ABPOT21	1¼" F/F ball valve	22	ABPOT75	¾" M-F union
7	ABPOTN2	1¼" MI nipple	23	ABPOT1090	¾" MI F/F 90° bend
8	ABPOTO67	1¼" equal tee	24	On request	¾" pipe (short)
9	ABPOT028	1¼" F to 1¼" M 90° bend	25	ABPOT99	1" – ¾" MI bush
10	ABPOT124	1¼" M-F union	26	ABXPIPE3	1" pipe (internal)
11	ABPOTRCV125	Remote control valve	27	ABPOT2	Pop up valve
12	ABPOT21	1¼" ball valve	28	ABPOT5	Pot sealing ring
13	ABPOT63	1¼" to 1½" nipple	29	ABPOTNC11	Door hatch gasket
14	ABPOTMT38	1½" moisture trap complete	30	On request	Door (complete)
15	ABPOT90	1½" to 1" M/F bush	31	ABCOCG1	1½" coupling gasket
16	ABCOBW10	1" claw coupling			



# AIRBLAST EUROSpray BLAST MACHINES 100LTR

All our Redline blast pots are designed to guarantee fast filling, unrestricted airflow and easy access for inspection and maintenance. High precision abrasive metering valves give accurate delivery of all types of blasting media.

## Features:

- Concave head and conical bottom allows easy filling and easy flow of all types of abrasives.
- Heavy duty pop-up valve to give quick response to pressurisation.
- Lifting eyes for easy mobility.
- Specially designed Hose Connection for easy maintenance.
- Mobility – all machines mounted on large rugged wheels for easy manoeuvrability on site.
- Working pressure of 12bar.
- A full range of Abrasive Metering Valves are available. Standard fitted with:
  - RCV-125 pneumatic operated Remote Control System incl. DMH-125 Deadman Handle and 10m or 20m twin-line control hose c/w couplings. Highly efficient Clearline Moisture Separator to prevent the entry of moisture and oil from the compressor into the blast pot.
- All machines are CE approved and supplied with full international test certification.

## Technical data

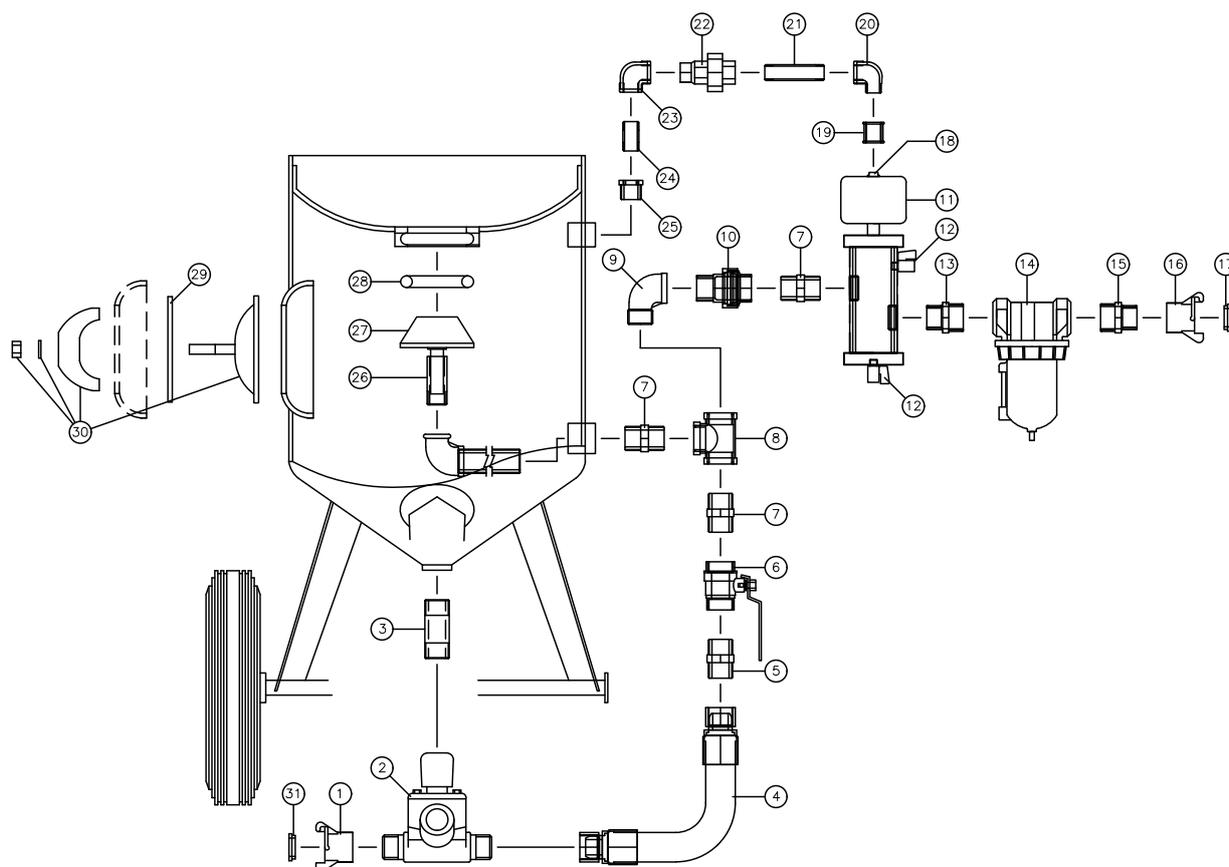
Capacity:	100ltr
Max. system pressure:	12bar
Min. system pressure:	5bar
Max. compressed air temperature:	50°C
Min. compressed air temperature:	5°C
Max. ambient temperature:	50°C
Min. ambient temperature:	5°C
Dimensions (dia. x height):	508 x 1145mm
Weight (bare and empty):	105kg



# BLAST MACHINE (RED) 100LTR – DRAWING AND PART LIST

## Blast Machine (red) 200ltr – Parts

Item	Part no.	Description	Item	Part no.	Description
1	ABPOT9C	1½" quick coupling	17	ABCOBW7	Couple gasket
2	ABPOTMGV	Micro valve	18	ABPOTRCV12073	¾" MI nipple
3	ABPOT8A6	600PSI 1¼" steel nipple	19	ABPOT1065	¾" MI socket
4	On request	Pusher hose	20	ABPOT88	¾" MI M/F 90° bend
5	ABPOT8A	1¼" high pressure nipple	21	On request	¾" pipe (long)
6	ABPOT21	1¼" F/F ball valve	22	ABPOT75	¾" M-F union
7	ABPOTN2	1¼" MI nipple	23	ABPOT1090	¾" MI F/F 90° bend
8	ABPOTO67	1¼" equal tee	24	On request	¾" pipe (short)
9	ABPOT028	1¼" F to 1¼" M 90° bend	25	ABPOT99	1" – ¾" MI bush
10	ABPOT124	1¼" M-F union	26	ABXPIPE3	1" pipe (internal)
11	ABPOTRCV125	Remote control valve	27	ABPOT2	Pop up valve
12	ABPOT21	1¼" ball valve	28	ABPOT5	Pot sealing ring
13	ABPOT63	1¼" to 1½" nipple	29	ABPOTNC11	Door hatch gasket
14	ABPOTMT38	1½" moisture trap complete	30	On request	Door (complete)
15	ABPOT90	1½" to 1" M/F bush	31	ABCOCG1	1½" coupling gasket
16	ABCOBW10	1" claw coupling			



# AIRBLAST EUROSPray BLAST MACHINES 200LTR

A robust blast machine designed to guarantee fast filling, unrestricted airflow and easy access for inspection and maintenance. High precision abrasive metering valves give accurate delivery of all types of blasting media.

## Features:

- Concave head and conical bottom allows easy filling and easy flow of all types of abrasives.
- Heavy duty pop-up valve to give quick response to pressurisation.
- Lifting eyes for easy mobility.
- Specially designed Hose Connection for easy maintenance.
- All machines mounted on large rugged wheels for easy manoeuvrability on site.
- Working pressure of 12bar.
- A full range of Abrasive Metering Valves are available. Standard fitted with:
  - RCV-125 pneumatic operated Remote Control System incl. DMH-125 Deadman Handle and 10m or 20m twin-line control hose c/w couplings.
  - Highly efficient Clearline Moisture Separator to prevent the entry of moisture and oil from the compressor into the blast pot.
- All machines are CE approved and supplied with full international test certification.

## Technical data

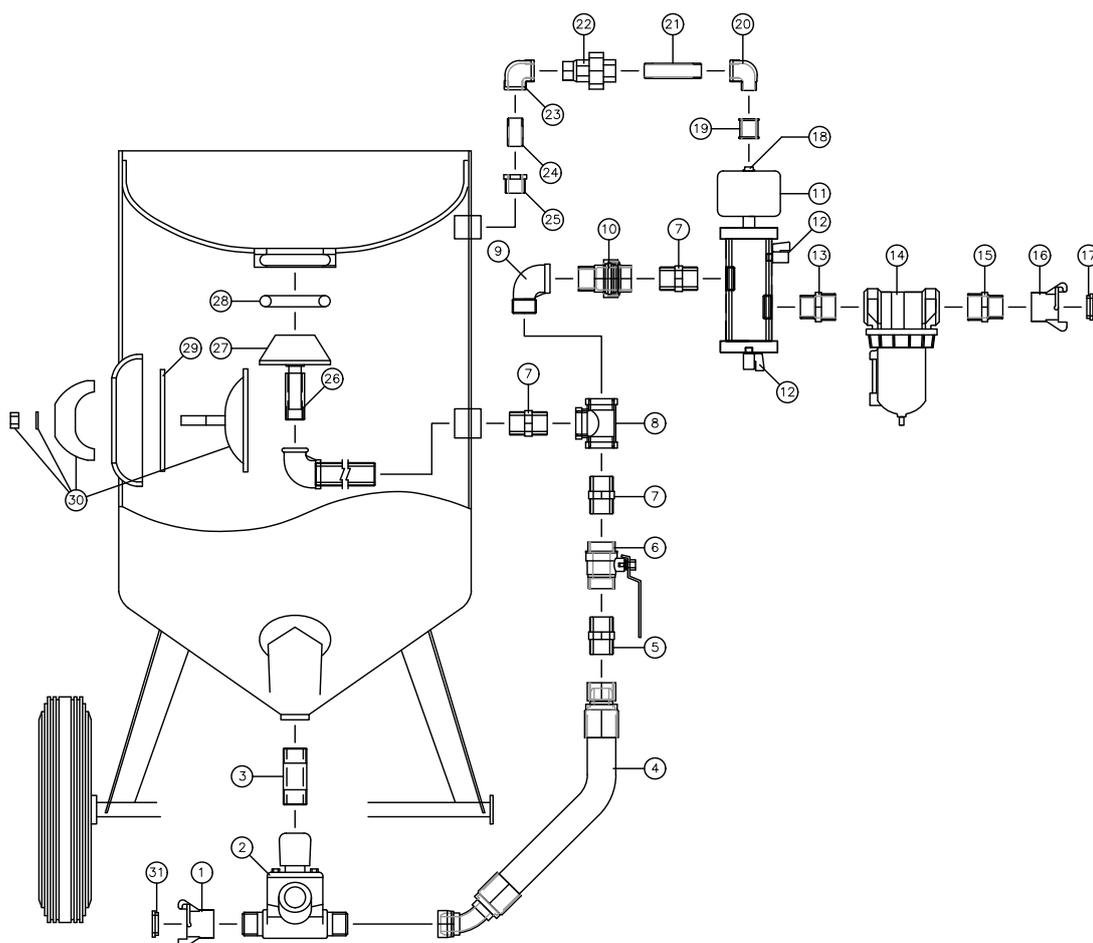
Capacity:	200ltr
Max. system pressure:	12bar
Min. system pressure:	5bar
Max. compressed air temperature:	50°C
Min. compressed air temperature:	5°C
Max. ambient temperature:	50°C
Min. ambient temperature:	5°C
Dimensions (dia. x height):	615 x 1423mm
Weight (bare and empty):	161kg



# BLAST MACHINE (RED) 200LTR – DRAWING AND PART LIST

## Blast Machine (red) 200ltr – Parts

Item	Part no.	Description	Item	Part no.	Description
1	ABPOT9C	1½" quick coupling	17	ABCOBW7	Couple gasket
2	ABPOTMGV	Micro valve	18	ABPOTRCV12073	¾" MI nipple
3	ABPOT8A6	600PSI 1¼" steel nipple	19	ABPOT1065	¾" MI socket
4	On request	Pusher hose	20	ABPOT88	¾" MI M/F 90° bend
5	ABPOT8A	1¼" high pressure nipple	21	On request	¾" pipe (long)
6	ABPOT21	1¼" F/F ball valve	22	ABPOT75	¾" M-F union
7	ABPOTN2	1¼" MI nipple	23	ABPOT1090	¾" MI F/F 90° bend
8	ABPOTO67	1¼" equal tee	24	On request	¾" pipe (short)
9	ABPOT028	1¼" F to 1¼" M 90° bend	25	ABPOT99	1" – ¾" MI bush
10	ABPOT124	1¼" M-F union	26	ABXPIPE3	1" pipe (internal)
11	ABPOTRCV125	Remote control valve	27	ABPOT2	Pop up valve
12	ABPOT21	1¼" ball valve	28	ABPOT5	Pot sealing ring
13	ABPOT63	1¼" to 1½" nipple	29	ABPOTNC11	Door hatch gasket
14	ABPOTMT38	1½" moisture trap complete	30	On request	Door (complete)
15	ABPOT90	1½" to 1" M/F bush	31	ABCOCG1	1½" coupling gasket
16	ABCOBW10	1" claw coupling			



# AIRBLAST EUROSPRAY MINI BLASTERS

There is always a need for blasting small areas in a simple way. A unique solution to this is the Airblast Eurospray Mini Blaster. The AMB is economical and has been taken into daily use by professional blasting companies, shipping companies and offshore industries worldwide.

The AMB has the following advantages:

- Low air consumption - no need for a large and expensive air compressor.
- An air pressure regulator to help blast all surfaces: steel, aluminium, wood, plastic, glass, etc.
- Aluminium construction - lightweight and robust.

The AMB can easily be operated by one person, and can be filled with abrasive without the use of tools. Blasting is simple due to the abrasive flow regulator and deadman switch mounted at the nozzle. The AMB is CE-approved and is made in accordance with safety regulations.



## Removal of corrosion – cleaning of metal

The AMB removes corrosion and cleans metal in a rapid, easy and professional way. The unit is especially useful for cleaning of welding seams, removal of slag and old paints.

### Technical specifications

	AMB-13	AMB-28
Air pressure	2–7bar	2–7bar
Air requirement	see table below	see table below
Hose ID	3/8"	1/2"
Hose lengths	3m	6m
Tank capacity	13ltr	28ltr
Nozzle size	3.0mm	4.5mm
Weight (empty)	12kg	29kg

### Air consumption nozzles Airblast Eurospray Mini Blaster (l/min @ 20°C)

Pressure (bar)	4	5	6	7	8
Nozzle (mm)					
2.5	255	281	305	327	348
3	368	406	440	472	502
3.5	502	553	600	644	684
4	657	725	786	843	896
4.5	835	920	998	1070	1137
5	1036	1141	1237	1326	1409
5.5	1262	1390	1506	1614	1714
6	1516	1669	1807	1936	2055
6.5	1803	1982	2145	2296	2437

The air consumption figures above are based on maximum theoretic airflow possible. To achieve these numbers you will have to use an air compressor that is capable of releasing these values and also include extra 15% that often is lost from the air compressor to the blast nozzle. We recommend a minimum air supply hose of 1/2" or preferable 3/4".

# RCV-125 REMOTE CONTROL SYSTEM

The RCV-125 pressure-release pneumatic system operates on the return-air principle. A handle installed at the nozzle connects pneumatically to inlet and outlet valves on the blast machine. With the safety petcock on the inlet valve closed, the operator depresses the handle which opens the inlet valve and closes the outlet to start blasting; releasing the handle reverses the process and blasting stops. This safety system stops blasting should the operator lose control of the nozzle. And when the blast session is over, the safety petcock is opened to prevent activation, even when the handle is depressed.

For applications that require frequent starts and stops, machines should be equipped with pressure-hold pneumatic remote controls, which keep the blast machine under pressure but allow the operator to start and stop blasting as frequently as needed. The machine is pressurised and depressurised manually, and the remote control handle controls the on/off of the abrasive and air independently. These systems are available in pneumatic and electric models.



Part no.	Description
AB1200000	RCV-125/20 1¼" Remote Control Valve complete including: Silencer/Muffler
AB1201000	RCV-125/40 1¼" Remote Control Valve complete including: Silencer/Muffler
AB1202000	RCV-125/B Remote Control Valve only (Silencer included)
AB1203000	DMH-125 Deadman Handle for twin line remote control operation

Twin Line Hose Assemblies	
Part no.	Description
AB1144400	Twin hose coupled, length of 10m and 20m

## POTRCV125

– Remote Control Valve RCV125

## POTDMH12030A

– Deadman Handle

## POTDMH22RG

– Deadman Handle (Flipover version)

### Remote Control Valve

- Works on the return air principle
- Keeps operator safe and ensures efficient use of media
- Full range of spares available

### Deadman Handle

- Available in both push down and flipover style
- Essential for keeping the blast pot safe
- Allows the operator to start and stop blasting as frequently as needed
- Stops blasting should the operator lose control of the nozzle

### Deadman Lines

- Colour coded red and yellow ¼"

### Available in 10 and 20m

- Comes with fittings to connect straight onto deadman handle and control valve

### Pressure hold option

- Fit to existing pots. Please call the sales team to discuss pricing options

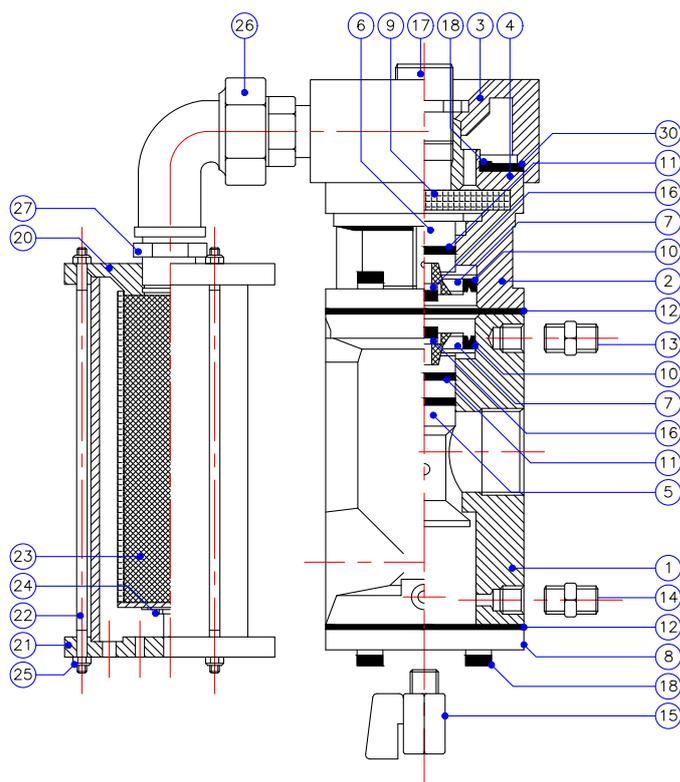


# RCV-125 REMOTE CONTROL SYSTEM

## RCV-125 Remote Control Valve – Parts list

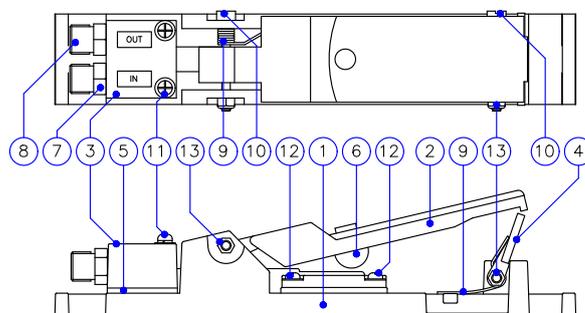
Item	Part no.	Description	Qty
01	AB1206000	Valve housing	1
02	AB1206100	Bleed-off cylinder housing	1
03	AB1206200	Bleed-off manifold	1
04	AB1206300	Top cover	1
05	AB1206400	Inlet valve	1
06	AB1206500	Bleed-off cylinder	1
07	AB1206600	Piston	2
08	AB1206700	Bottom plate	1
09	AB1206800	Diaphragm*	1
10	AB1206900	Piston seal*	2
11	AB1207000	O-ring*	3
12	AB1207100	Packing*	2
13	AB1178000	Brass hex nipple 1/4"	1
14	AB1178000	Brass hex nipple 1/4"	1
15	AB1152000	Ball valve 1/4"	2
16	AB1207200	Piston screw 8 x 15	2
17	AB2225400	Hex nipple 3/4"	1
18	AB1207400	Screw 8 x 25	12
19	AB1207600	Silencer housing	1
20	AB1207700	Silencer top cover	1
21	AB1207800	Silencer bottom plate	1
22	AB1207900	Silencer housing pin 5 x 215	3
23	AB1208000	Silencer cartridge	1
24	AB1208100	Silencer cartridge support	1
25	AB1208600	Nut	6
26	AB1208400	Union elbow	1
27	AB2225400	Hex nipple 3/4"	1
28	AB1208700	Check valve (not shown)	1
29	AB1207500	Plug 1/4" (not shown)	1
30	AB1209600	O-ring*	

\*Items are included in RCV-125 Repair kit (art.nr. AB12050) in quantities shown



## DMH-125 Deadman Handle – Parts list

Item	Part no.	Description	Qty
01	AB1203100	Handle body	1
02	AB1203200	Lever	1
03	AB1203300	Pneumatic manifold	1
04	AB1203400	Lever safety lock	1
05	AB1203500	Gasket	1
06	AB1203600	Rubber insert	1
07	AB1203700	Reduction nipple 1/4" x 1/8" (restricted)	1
08	AB1203800	Reduction nipple 1/4" x 1/8"	1
09	AB1203900	Spring	2
10	AB1204000	Screw 5x40	2
11	AB1204100	Screw 4x25	2
12	AB1204200	Screw 4x10	4
13	AB1204300	Lock nut	2



# RCV-50 REMOTE CONTROL SYSTEM

The RCV-50 pressure-release pneumatic system operates on the return-air principle. A handle installed at the nozzle connects pneumatically to inlet and outlet valves on the blast machine. With the safety petcock on the inlet valve closed, the operator depresses the handle which opens the inlet valve and closes the outlet to start blasting; releasing the handle reverses the process and blasting stops. This safety system stops blasting should the operator lose control of the nozzle. When the blast session is over, the safety petcock is opened to prevent activation, even when the handle is depressed.

For applications that require frequent starts and stops, machines should be equipped with pressure-hold pneumatic remote controls, which keep the blast machine under pressure but allow the operator to start and stop blasting as frequently as needed. The machine is pressurised and depressurised manually, and the remote control handle controls the on/off of the abrasive and air independently. These systems are available in pneumatic and electric models.



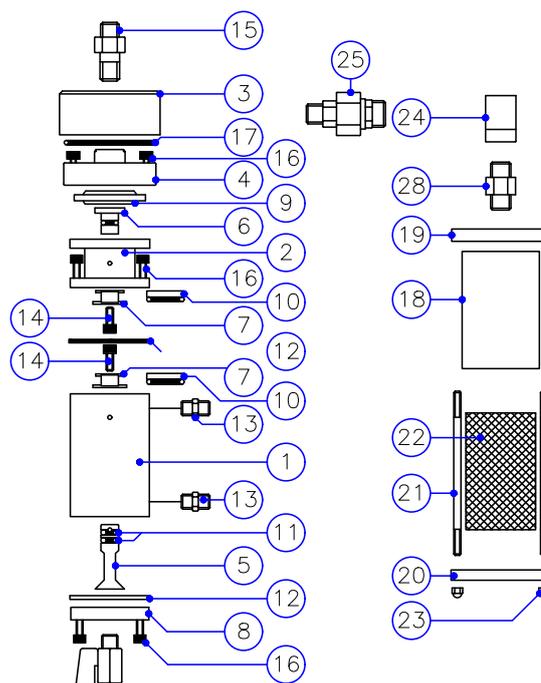
Part no.	Description
AB1122000	RCV-50 Remote Control Valve ½", complete
AB1122001	RCV-50/B Remote Control Valve ½", bare (excluding Silencer)
AB1122202	Silencer assembly
AB1203000	DMH-125 Deadman Handle for twin line remote control operation (for parts see data sheet RCV-125)

RCV-50 Remote Control Valve – Parts list			
Item	Part no.	Description	Qty
01	AB1122010	Valve housing	1
02	AB1122020	Bleed-off cylinder	1
03	AB1122030	Bleed-off manifold	1
04	AB1122040	Top cover	1
05	AB1122050	Inlet valve	1
06	AB1122060	Bleed-off cylinder	1
07	AB1122070	Piston	2
08	AB1122080	Bottom plate	1
09	AB1122090	Diaphragm*	1
10	AB1122100	Piston seal*	2
11	AB1122110	O-ring*	3
12	AB1122120	Packing*	2
13	AB1178000	Brass hex nipple ¼"	1
14	AB1122130	Piston screw M6 x 15	1
15	AB1122140	Nipple ½" BSP (M) x ¾" BSP (M)	2
16	AB1122150	Cap screw M6 x 20	2
17	AB1122160	O-ring*	1
18	AB1122170	Silencer housing	12
19	AB1122180	Silencer top plate	1
20	AB1122190	Silencer bottom plate	1
21	AB1122200	Silencer housing pin 5 x 215	1
22	AB1122210	Silencer cartridge	3
23	AB1122220	Lock nut	1
24	AB1122230	Union elbow	1
25	AB1122240	Union	1
26	AB1122250	Nipple ⅜" BSP (M) x ⅜" BSP (M)	1
27	AB1152000	Plug ¼" (not shown)	1
28	AB1152000	Ball valve ¼"	1

\*Items are included in RCV-50 Repair kit (art.nr.AB1122203) in the quantities shown.

### Pressure hold option

Fit to existing systems, please call sales team for a price.



# CLEARLINE WATER FILTER/MOISTURE SEPERATOR

Airblast Eurospray blasting machines feature a highly efficient Clearline Moisture Separator.

The moisture separator prevents moisture and oil from the compressor entering the blast machine.

Often this is especially necessary when using old compressors, working at low temperatures or at a large distance from the compressor.

The Clearline Moisture Separator eliminates up to 98% of the condensate and oil from compressed air. This prevents the abrasive becoming damp and clogging the machine.

Available in the sizes 1/2" and 1 1/2".



## Clearline Water Filter/Moisture Seperator

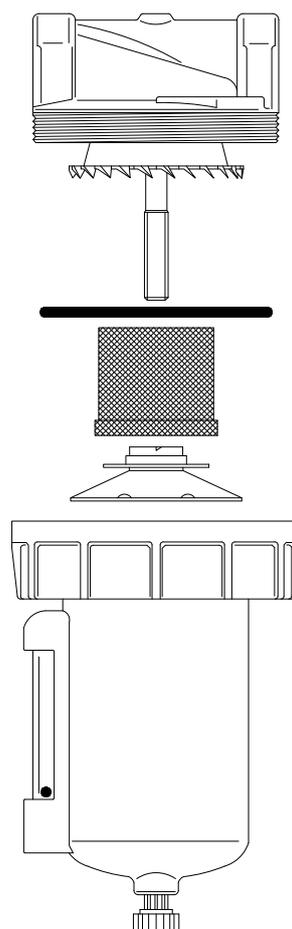
Part no.	Description
AB4056001	Clearline 1/2" for use with 1028 blast machine with 1/2" piping
AB4057000	Clearline 1 1/2" with manual drain for use with blast machines with 1 1/4" piping
AB4058000	Clearline 1 1/2" Automatic with automatic drain for use with blast machines with 1 1/4" piping

## Spare parts Clearline 1 1/2"

Part no.	Description
AB4057600	Bowl kit and sight glass, includes:
	- Bowl
	- Sight glass assembly
	- O-ring
	- Manual drain assembly
AB4058100	Automatic drain option
AB4057300	40 micron filter

## Spare parts Clearline 1/2"

Part no.	Description
AB4056002	Meta bowl, sight glass and manual drain
AB4056003	Particle filter element



# AP-7 ABRASIVE CONTROL VALVE

The Airblast Eurospray AP-7 Abrasive Control Valve 1/2" is used to provide precise metering of abrasive from the blast pot to the blast hose.

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.

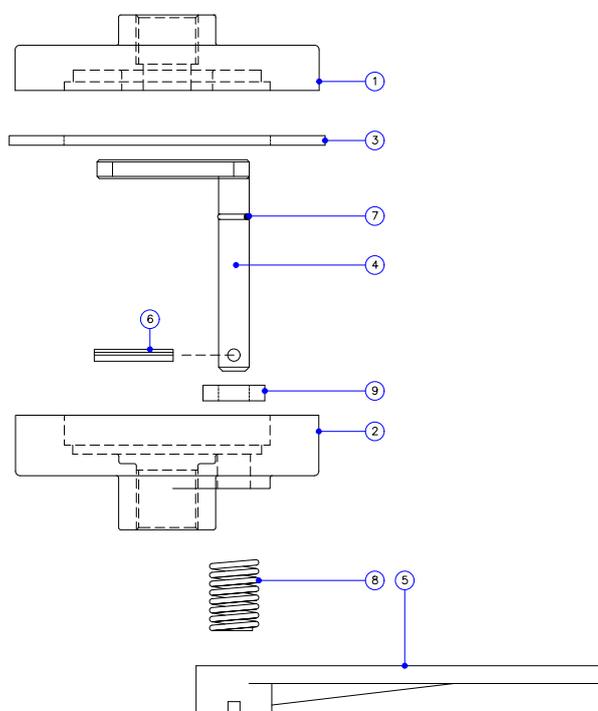
The AP-7 Abrasive Control Valve is best suited to blasting applications using expendable type abrasives, such as crushed glass and copper slag.

Airblast Eurospray offers a full selection of metering valves. Contact us to discuss which metering valve is most suitable for your specific application.



Part no.	Description
AB6026000	AP-7 Abrasive Control Valve 1/2"

AP-7 Abrasive Control Valve – Parts list			
Item	Part no.	Description	Qty
01	AB6027000	Top casting	1
02	AB6028000	Bottom casting	1
03	AB6029000	Valve body gasket	1
04	AB6030000	Metering plate and stem	1
05	AB6031000	Handle	1
06	AB6032000	Spring pin	1
07	AB6033000	O-ring	1
08	AB6034000	Spring	1
09	AB6035000	Washer	1



# FLAT SAND VALVE

The Airblast Eurospray Flat Sand Valve is used to provide metering of abrasive from the blast pot to the blast hose. With its unique 45° design, the FSV Flat Sand Valve permits a smooth, natural flow of abrasives into the blasting air stream.

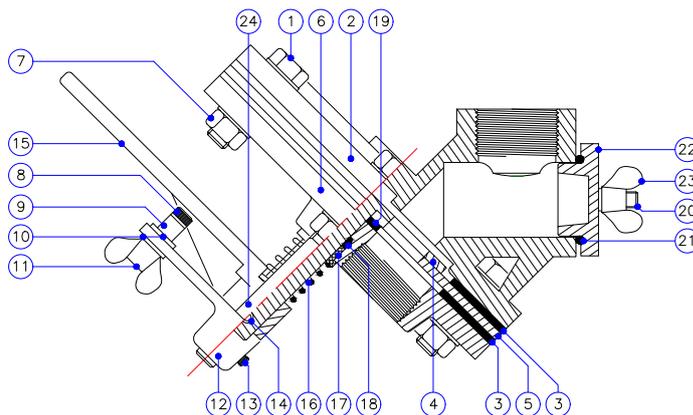
The FSV Flat Sand Valve is best suited to blasting applications using expendable type abrasives, such as crushed glass and copper slag.

Airblast Eurospray offers a full selection of metering valves. Contact us to discuss which metering valve is most suitable for your specific application.



Part no.	Description
6001000	FSV Flat Sand Valve 1 1/4"

FSV Flat Sand Valve – Parts list			
Item	Part no.	Description	Qty
01	AB6002000	Bolt M12 x 45mm	4
02	AB6003000	Upper body	1
03	AB6004000	Rubber gasket	2
04	AB6005000	Valve	1
05	AB6006000	Disc	1
06	AB6007000	Lower body	1
07	AB6008000	Nut M12	8
08	AB6009000	Head cap screw M6 x 25mm	1
09	AB6010000	Handle bolt spacer	1
10	AB6011000	Washer 6 mm	2
11	AB6012000	Wing nut M6	1
12	AB6013000	Gauge unit	1
13	AB6014000	Set screw M6	2
14	AB6015000	Handle pin	1
15	AB6016000	Control handle	1
16	AB6017000	Compressing spring	1
17	AB6018000	Packing gland	1
18	AB6019000	Packing	1
19	AB6020000	Gasket	1
20	AB6021000	Inspection plate bolt M8 x 35mm	2
21	AB6022000	O-ring	1
22	AB6023000	Inspection plate	1
23	AB6024000	Wing nut M8	2
24	AB6025000	FSV bolt	2



# SGV STEEL GRIT VALVE

The Airblast Eurospray SGV Steel Grit Valve is used to provide metering of abrasive into the compressed air flow at the outlet of a blast machine.

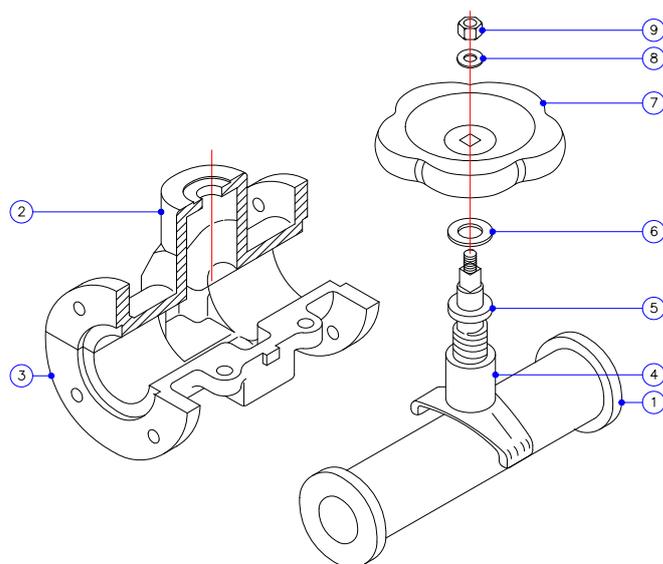
The SGV Steel Grit Valve is suitable for metering heavy or aggressive abrasive materials, such as steel shot and grit, chilled iron grit or aluminium oxide. The SGV Steel Grit Valve design prevents the valve body from coming into contact with the abrasive stream. The abrasive stream only touches the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

Airblast Eurospray offers a full selection of metering valves. Contact us to discuss which metering valve is most suitable for your specific application.



Part no.	Description
AB6062000	SGV Steel Grit Valve 1"

SGV Steel Grit Valve – Parts list			
Item	Part no.	Description	Qty
01	AB6062100	Rubber sleeve 1" ID	1
02	AB6062200	Upper body	1
03	AB6062300	Lower body	1
04	AB6062400	Plug	1
05	AB6062500	Control system	1
06	AB6062600	Washer	1
07	AB6062700	Control handle	1
08	AB6062800	Washer	1
09	AB6062900	Nut	1
	AB6063000	Flange (not shown)	2



# GVA ABRASIVE MEMBRANE VALVE

The Airblast Eurospray GVA Abrasive Membrane Valve is used to provide precise metering of abrasive into the compressed air flow at the outlet of a blast machine.

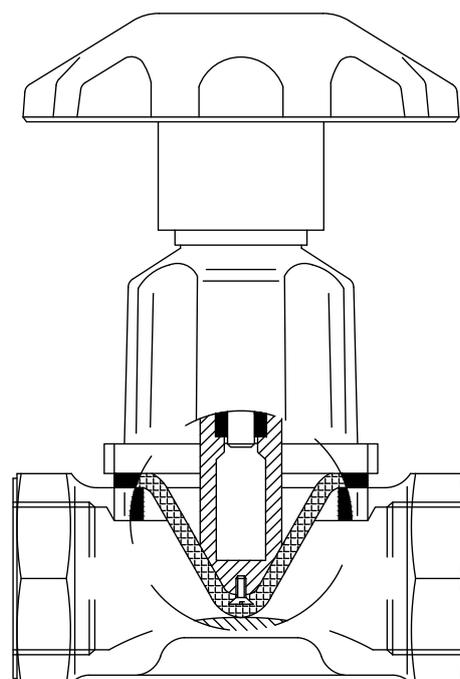
The GVA Abrasive Membrane Valve design prevents the valve top body from coming into contact with the abrasive stream. The abrasive stream only touches the valve bottom and the membrane, which may be quickly replaced when worn. The abrasive is metered by means of closing the membrane by a metering screw.

Airblast Eurospray offers a full selection of metering valves. Contact us to discuss which metering valve is most suitable for your specific application.



Part no.	Description
AB6070000	GVA 12 - Abrasive Membrane Valve ½"
AB6070500	GVA 25 - Abrasive Membrane Valve 1"
AB6071000	GVA 32 - Abrasive Membrane Valve 1¼"
AB6071500	GVA 38 - Abrasive Membrane Valve 1½"

GVA Abrasive Membrane Valves – Parts list	
Part no.	Description
AB6071100	Membrane for GVA-25, GVA-32 and GVA-38
AB6071200	Membrane for GVA-12



# AMV – AIRBLAST EUROSPRAY MICRO VALVE

The AMV Airblast Eurospray Micro 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 savings due to virtually no abrasive wastage.

Suitable for use with all types of abrasives such as garnet, fine mesh aluminum oxide, as well as steel shot and grit, the AMV uses considerably less abrasive when compared with other valves - combined with maximum blasting productivity and reduced downtime.

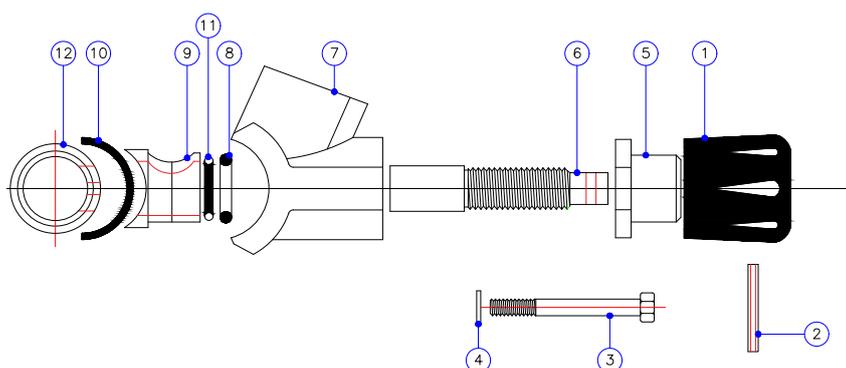
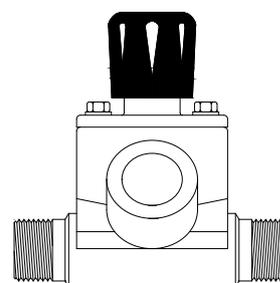
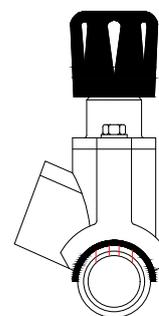
### Features:

- Low profile design.
- Rugged non-corrosive body.
- Urethane sleeve protects valve core.
- Case hardened nipples provide superior wear resistance.
- Easy to maintain, fewer replacement parts.
- Infinite metering capabilities.
- Hardened steel plunger for long operating life.
- Complete range of replacement parts available.



Part no.	Description
6080000	Microvalve 1¼" with urethane sleeve

AMV Abrasive Metering Valve – Parts list			
Item	Part no.	Description	Qty
01	AB6081000	Control knob	1
02	AB6081500	Spring pin*	1
03	AB6082000	Bolt*	2
04	AB6082100	Flat washer*	2
05	AB6082500	Top body	1
06	AB6083000	Plunger	1
07	AB6083500	Valve body	1
08	AB6084000	Plunger seal*	1
09	AB6084500	Urethane sleeve*	1
10	AB6085000	Gasket*	2
11	AB6085100	O-ring*	2
12	AB6086600	Pipe nipple 1¼" M x 1¼" M	1
	AB6087000	Repair kit (consists of *marked items)	



# 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 cut-off 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.

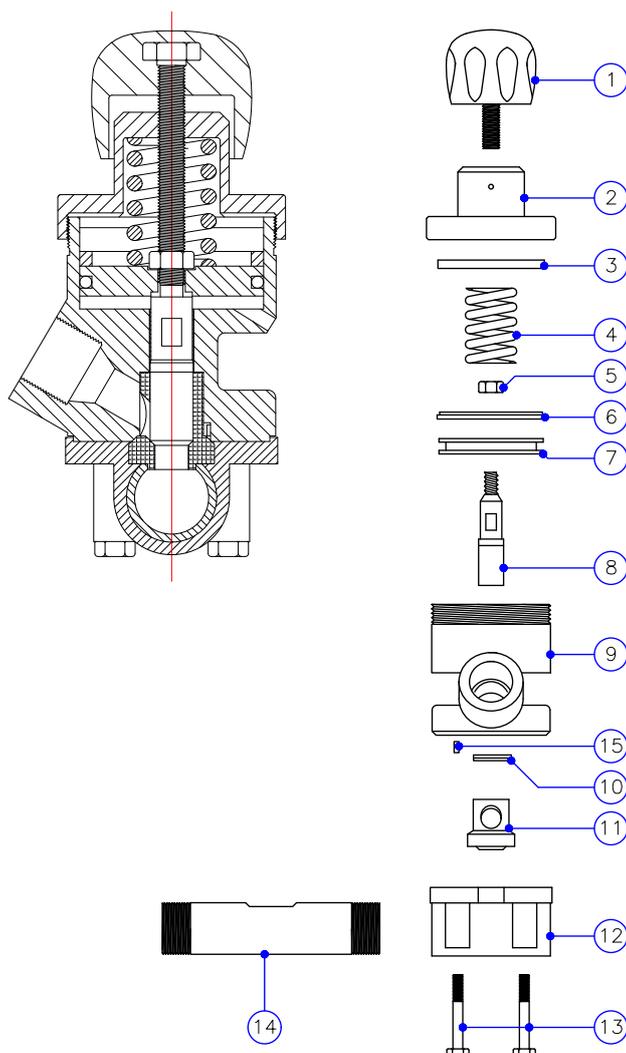
## Features

- Control knob precisely controls abrasive flow.
- Standard urethane sleeve for normal operation, or optional tungsten carbide sleeve for extended life.
- Design minimises air turbulence in mixing chamber, providing even media flow.
- A short path helps ensure constant abrasive media flow.
- Orifice is sized for precise metering of abrasive.
- Rugged, non-corrosive body.



Part no.	Description
AB6088000	Thompson Valve 1" with Tungsten Carbide sleeve
AB6088500	Thompson Valve 1" with Urethane sleeve
AB6089000	Thompson Valve 1¼" with Tungsten Carbide sleeve
AB6089500	Thompson Valve 1¼" with Urethane sleeve
AB6090000	Thompson Valve 1½" with Tungsten Carbide sleeve
AB6090500	Thompson Valve 1½" with Urethane sleeve

Abrasive Metering Valve – Parts list					
Item	Part no.	Description	TC	U	Qty
01	AB6091000	Control knob			1
02	AB6091100	Cap			1
03	AB6091200	Bump ring			1
04	AB6091300	Spring			2
05	AB6091400	Nut			1
06	AB6091500	Piston seal	*	**	1
07	AB6091600	Piston			1
08	AB6091700	Tungsten Carbide plunger	*	**	1
09	AB6091800	Cylinder			1
10	AB6091900	Plunger seal	*	**	1
11a	AB6092900	Tungsten Carbide sleeve	*		1
11b	AB6092000	Urethane sleeve		**	1
12	AB6092100	Base			1
13	AB6092200	Bolt			2
14a	AB6092300	Pipe nipple 1" M x 1" M			1
14b	AB6092400	Pipe nipple 1¼" M x 1¼" M			1
14c	AB6092500	Pipe nipple 1½" M x 1½" M			1
15	AB6099250	Sleeve pin			1
	AB6093000	Repair kit for TC sleeve, consists of *marked items			
	AB6093100	Repair kit for U sleeve, consists of **marked items			



## THOMPSON VALVE II

The Thompson Valve II is a next-generation Thompson Valve designed to provide the ultimate in metering performance. It is a normally closed, self sealing, abrasive metering valve with 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 cut-off 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. The Thompson Valve II is ideal for multiple outlet use and is easily adaptable to most existing blasting systems. A lower overall profile allows more room between valve and blast pot for easy access.

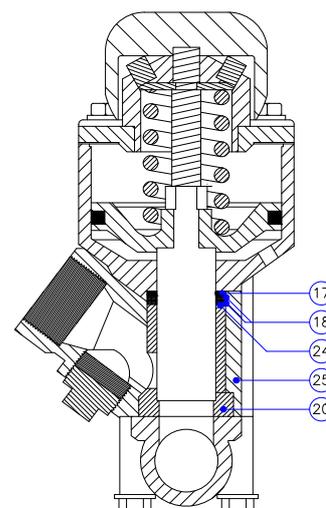
Building on the original, market leading Thompson Valve, the Thompson Valve II offers an even higher level of performance, enhanced serviceability and longer life.

### Features

- Spring is preloaded with spring retainer (not shown). Allows for easy spring replacement.
- Triple plunger seals prevent media from entering piston chamber and extend valve life.
- Bolt-on cap provides easier service access to piston and piston seal.
- A short path helps ensure constant abrasive media flow.
- Orifice is sized for precise metering of abrasive.
- Rugged, non-corrosive body.
- O-ring on sleeve prevents media entrapment, reduces sliding friction.
- Larger seat allows for better media flow into the air stream. A shallower seat angle prevents media from being trapped under the plunger, extending part life.
- Middle section is separate from cylinder to provide easier removal of sleeve, plunger seal and seat during service.

Airblast Eurospray offers a full selection of metering valves. Contact us to discuss which metering valve is most suitable for your specific application.

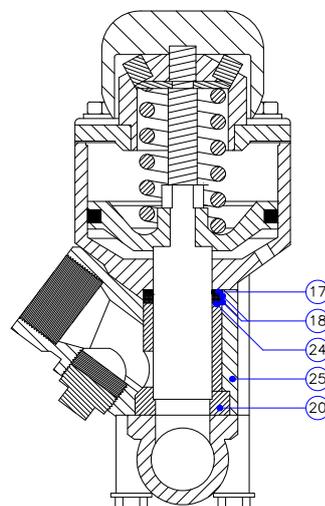
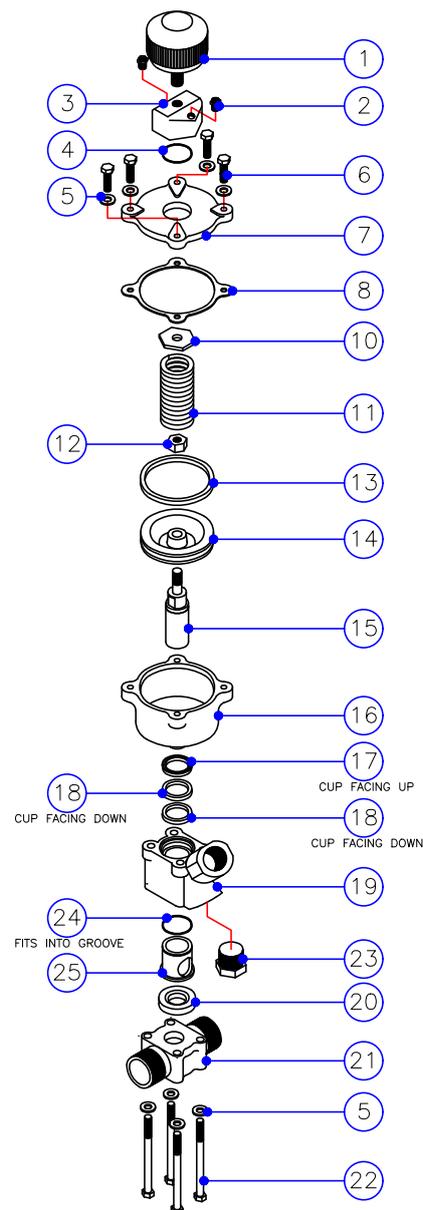
Part no.	Description
AB6093200	Thompson Valve II - 1" w/Tungsten Carbide sleeve
AB6093300	Thompson Valve II - 1" w/Urethane sleeve
AB6093400	Thompson Valve II - 1¼" w/Tungsten Carbide sleeve
AB6093500	Thompson Valve II - 1¼" w/Urethane sleeve
AB6093600	Thompson Valve II - 1½" w/Tungsten Carbide sleeve
AB6093700	Thompson Valve II - 1½" w/Urethane sleeve



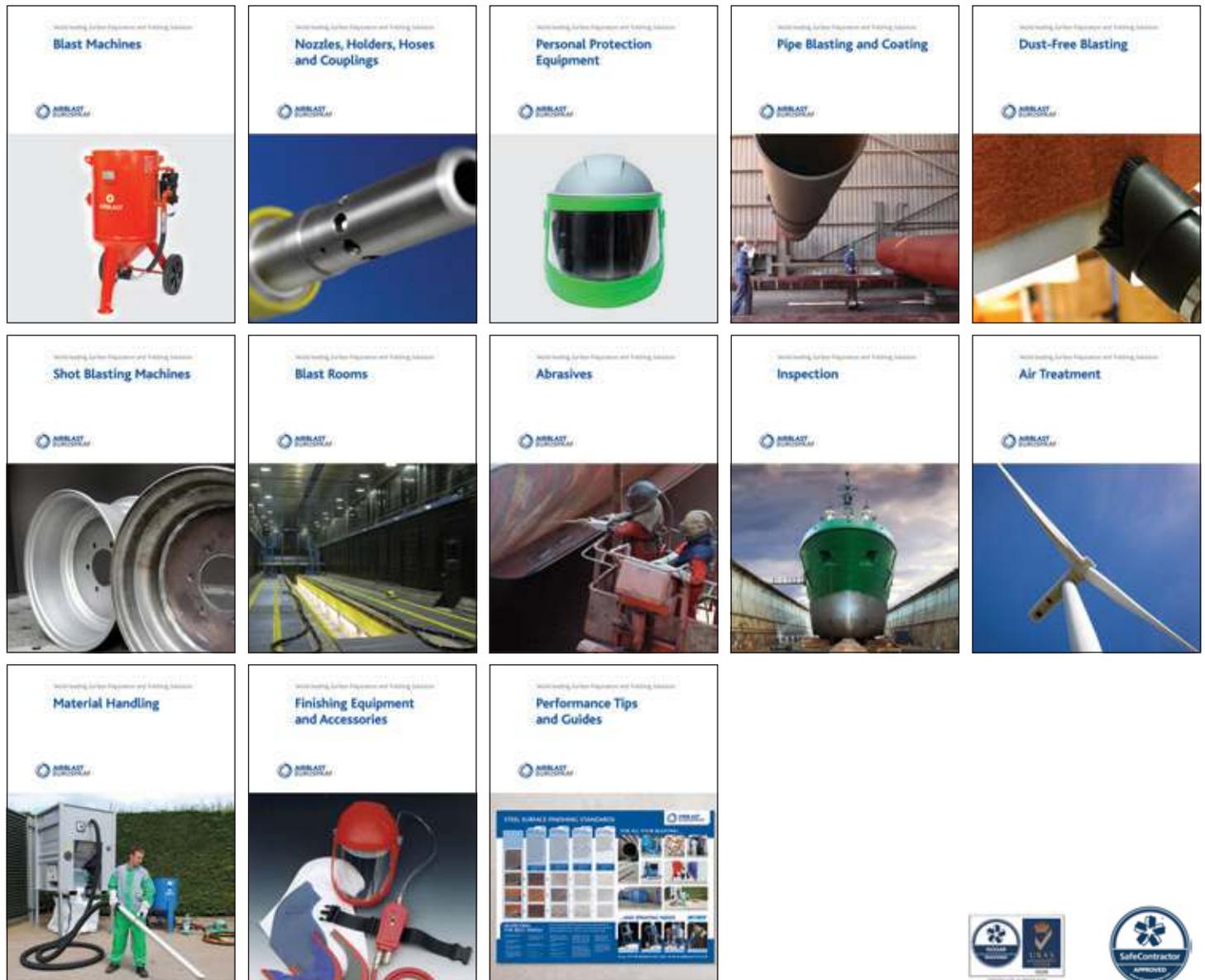
# THOMPSON VALVE II

## Abrasive Metering Valve – Parts list

Item	Part no.	Description	TC	U	Qty
01	AB6099010	Control knob			1
02	AB6099020	Breather vent			1
03	AB6099030	Spring retainer			1
04	AB6099040	O-ring	*	**	1
05	AB6099050	Washer			1
06	AB6099060	Hex bolt, 3/8" UNC x 1 1/4" Lg.			1
07	AB6099070	Cap plate			1
08	AB6099080	Cap gasket	*	**	1
10	AB6091200	Bump ring			1
11	AB6099090	Spring			1
12	AB6099100	Nut			1
13	AB6091500	Piston seal	*	**	1
14	AB6099110	Piston			1
15	AB6099120	Tungsten carbide plunger	*	**	1
16	AB6099130	Cylinder			1
17	AB6091900	Plunger seal (1x)			1
18	AB6099140	Plunger seal (2x)			2
19	AB6099150	Body			1
20	AB6099160	Seat			1
21a	AB6099170	Base 1" NPT			1
21b	AB6099180	Base 1 1/4" NPT			1
21c	AB6099190	Base 1 1/2" NPT			1
22	AB6099200	Hex bolt, 3/8" UNC x 4 3/4" Lg.			1
23	AB6099210	Plug			1
24	AB6099220	O-ring			1
25a	AB6099230	Tungsten carbide sleeve	*		1
25b	AB6099240	Urethane sleeve		**	1
26	AB6099250	Sleeve pin			1
	AB6093800	Repair kit for Tungsten Carbide sleeve, consists of *marked items			
	AB6093900	Repair kit for Urethane sleeve, consists of **marked items			



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