

## AB-1070

### Dust Free Vacuum Blast System



#### AB-1070

The AB-1070 vacuum blast machine is an environmentally friendly dust free blasting solution which is easy to use, versatile and powerful.

The use of steel abrasive provides cost effective, efficient and powerful blasting as well as close control of the surface preparation.

Easily inter-changeable blast head fittings allow a variety of surfaces to be blasted including: flat, inside & outside corners, small & large diameter pipes etc.

Additional accessories are available for specific applications such as to blast large horizontal surfaces or the edges of steel plates.

As the process is safe and dust free other production processes can be carried out close to the blasting operation.

#### Features

- "Stand alone" unit includes automatic dust extraction and abrasive recycling system
- Quickly interchangeable blast head fittings to blast different surface shapes
- Fully pneumatic
- Allows blasting from low to high pressure (1 – 8 bar)
- Maximum hose length of 35 meters
- Can be incorporated into an automatic on-line blasting process

#### Benefits

- Totally dust free environmentally friendly blasting
- Other job site operations can be conducted close to the blasting area
- Zero dust contamination on the job site
- Many common shapes can be blasted with ease
- Low operation cost due to the use of steel abrasive
- Flexible and versatile

Surface	Abrasive type	Abrasive size	Obtained surface quality	Average production capacity per hour
<b>Steel: millscale, coatings and or corrosion</b>	Alu-oxyde Chilled iron Steel grit	0.8-1.2 mm. G17 / G24	SA 2½ (SP10)	2 - 9 m <sup>2</sup>
<b>Steel: heavy corrosion</b>	Alu-oxyde Chilled iron Steel grit	0.8-1.2 mm. G17 / G24	SA 2½ (SP10)	1 - 8 m <sup>2</sup>
<b>Steel: blasted with shot primer</b>	Alu-oxyde Chilled iron Steel grit	0.8-1.2 mm. G17 / G24	SA 2½ (SP10)	3 - 9 m <sup>2</sup>
<b>Steel: Chlorinated rubber coating</b>	Alu-oxyde Chilled iron Steel grit	0.8-1.2 mm. G17 / G24	SA 2½ (SP10)	0,5 - 5m <sup>2</sup>
<b>Weld seams: steel</b>	Alu-oxyde Chilled iron Steel grit	0.8-1.2 mm. G17 / G24	SA 2½ (SP10)	80 - 120 mtr/hr. (50 mm. width)

\*) All mentioned values are averages and may vary due to surface conditions, abrasive quality, machine use and experiences of the operator.

### TECHNICAL SPECIFICATIONS AB-1070

	Pneumatic Single Chamber
Blast media capacity (ltr.)	40 (24)
Max. hose length (mtr.)	25-35
Empty weight (kgs.)	525 (500)
Dimensions in cm. (WxLxH)	1570 x 750 x 1860
Max. working pressure (bar)	1.5 - 8.0
Recommended compressor size (ltr/min.)	3500 - 10000
Average width blast pattern (mm)	50/75
Max. abrasive size (mm)	1.5

### Vacuum blasting machine AB-1070

Delivery includes:

- 15 m hose set consisting of a blast hose, abrasive recovery hose, a double line control hose with trigger and all necessary hose connectors.
- Hardened aluminium blast head, a blast head inner tube flat, a blast head inner tube 90 and a 6,4 mm boron carbide nozzle.
- Set of standard brushes (brush flat, brush 90° inner corner and brush 90° outer corner).
- Adjustable venturi and pressure gauge for air driven version
- Operator's manual in English
- Warranty

### Options and accessories:

- Extension blast hose set of 10m
- Extension blast hose set of 15m
- Extension blast hose set of 20m
- Large blast head incl. Borium Carbide Nozzle
- Floor trolley for large blast head