

AB-1050

Dust Free Vacuum Blast Machine



AIRBLAST



AB-1050

The AB-1050 vacuum blast machine is an environmentally friendly dust free blasting solution which is easy to use and versatile.

The use of recyclable abrasives provides cost effective and efficient 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 and outside corners.

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

Available in fully pneumatic and electro-pneumatic version.

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 – 7 bar)
- Maximum hose length of 5 meters
- Can be incorporated into an automatic on-line blasting process
- Easy injection blast principle

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 recyclable abrasive
- Flexible and versatile

	Abrasive type	Obtained surface quality	Average production capacity per hour
STEEL SURFACE			
Corroded steel, shot primer, light coatings and millscale	Aluminium oxide, garnet	SA 2½ (SP10)	1,2 - 1,5 m²/hr.
Heavily corroded steel, heavy coatings, chlorinated rubber coating	Aluminium oxide, garnet	SA 2½ (SP10)	0,5 - 1,0 m²/hr.
Steel weld seams	Aluminium oxide, garnet	SA 2½ (SP10)	50 - 60 mtr./hr.
Stainless steel weld seams (decolourisation)	Glass beads	Polishing	40 - 50 mtr./hr.
CONCRETE SURFACE			
Bricks, natural stones. Cement film, light coating or graffiti removal	Aluminium oxide, olivine sand	Cleaning	1,5 - 2 m²/hr.
Removal of heavy coatings	Aluminium oxide, garnet	Removal of paint layer	0,5 - 2 m²/hr.
Cleaning without damaging	Walnut shell, olivine sand	Cleaning	1,0 - 2 m²/hr.

*) All mentioned values are averages and may vary due to surface conditions, type of abrasive, abrasive quality, machine use and experiences of the operator. Do not use non recyclable abrasive or sand.

TECHNICAL SPECIFICATIONS AB-1050

	Pneumatic
Blast media capacity (ltr.)	28
Max. hose length (mtr.)	5
Empty weight (kgs.)	68
Dimensions in cm. (W x L x H)	530 x 610 x 1400
Max. working pressure (bar)	3 - 7
Recommended compressor size (ltr/min.)	3500
Average width blast pattern (mm)	28/32
Max. abrasive size in mm.	1.2

Vacuum blasting machine AB-1050

Delivery includes:

- the complete blasting unit
- 5 m blast hose set consisting of a blast gun with 12 mm BC blast nozzle
- grit supply hose
- 2" vacuum hose
- air connector
- 3 standard brushes (brush flat, brush 90° inner corner and brush 90° outer corner)
- operator's manual in English
- export packaging

Machine options and accessories:

*) Pneumatic filter cleaning system. Beside the standard flat and corner brushes there are special shaped brushes available. Prices on request.