ABT - Portable Dust Free Blast Machines

AIRBLAST



The Airblast range of Portable Dust Free Blast Machines are environmentally friendly, easy to use, versatile and powerful units designed to prepare both steel and concrete surfaces prior to coating application. All the machines utilse a centrifugal wheel blast system combined with a filter to recover and recycle abrasives. The machines achieve high production dust free blasting with all dust and other surface based contaminants contained within the machine by means of a high capacity dust collector. The surface finish achieved can be adjusted by the size and type of steel abrasive used in combination with the travel speed.

The ABT Portable Dust Free Blast Machines feature the following advantages:

- Environmentally friendly fully enclosed dust free blasting system
- Low noise for minimum site disruption
- Low operation cost
- High production rate
- Single operator functionality
- Safe operation allows other jobs to be completed in the area being blasted
- Allows safe removal of most types of toxic waste
- Perfectly prepares the surface prior to coating application
- Controllable surface profile reduces coating wastage

Key Features:

◇ User friendly control panel
◇ AC inverted drive with integrated brake for speed control on slopes
◇ Suitable for use on steel and concrete to remove markings, failed coatings, rust, other contaminants, and prepare the surface for coating
◇ Supplied complete and ready to use including magnetic sweeper

ABT Portable Dust Free Blast Machine & Dust Collector Specifications			
Blast Machine Model	ABT-P320	ABT-P550	ABT-P850
Blasting width (mm)	320	550	850
Travel speed (m/min)	0 - 9 / 0 - 3	0 - 9 / 0 - 3	0 - 9 / 0 - 3
Concrete blasting (m²/hr)	170	290	450
Steel plate blasting (m²/hr)	57.6	99	153
Blast motor power (kw)	11	2 x 11	2 x 15
Power supply	415v 3 phase/ 50Hz or 60Hz	415v 3 phase/ 50Hz or 60Hz	415v 3 phase/ 50Hz or 60Hz
Dust hose outlet (mm)	150	150	200
Dimension (LxWxH) (mm)	2075 x 511 x 1430	2070 x 730 x 1435	2150 x 1042 x 1590
Weight (kg)	464	684	880
Max tank hole diameter (mm)	600	720	1300
Dust Collector Model	ABT-DC320	ABT-DC550	ABT-DC850
Filter cartridge (pcs)	8	8	11
Fan motor (kw)	4	4	7.5
Air compressor (kw)	2.2	2.2	3
Power supply	415v 3phase/ 50Hz	415v 3phase/ 50Hz	380v 3phase/ 50Hz
Dust hose inlet (mm)	150	150	200
Dimension (LxWxH) (mm)	1840 x 868 x 1520	1840 x 868 x 1520	1940 x 868 x 1520
Weight (kg)	557	557	636

Main Components		
S/N	Main part	Brand
1	Walking Drive System	Schneider
2	Soft Start	Rockwell or ABB
3	Shot Blasting Machine Motor	WEG
4	Phase Failure Protection System	OMRON
5	Leakage Protection System	Schneider

Note: Airblast reserve the right to use alternative equivalent brands should the above-mentioned brands are not available during production.

Ordering Information	
Part No.	Description
8507320	ABT-P320 complete with dust collector ABT-DC320
8507550	ABT-P550 complete with dust collector ABT-DC550
8507850	ABT-P850 complete with dust collector ABT-DC850
85085MS320	Airblast Magnetic Sweeper

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