

AirBlast EBE 500 VH Shot Blast Machine

AIRBLAST EBE 500 VH Vertical Portable Shot Blast Cleaning Machine



The AIRBLAST EBE 500 Vertical is designed to suspend from a crane or with a winch system and works in an up or down pattern to clean and profile vertical steel surfaces. It is operated by remote control from a mobile control station.

Applications

AIRBLAST EBE Portable Shot Blast Cleaning Systems are the Surface Preparation Industry's most effective and environmentally friendly method of removing paint, coatings and other contaminants from steel surfaces.

The AIRBLAST EBE 500 VH is a portable abrasive blasting system designed to clean and profile large vertical steel surfaces. With a blast pattern of 500 mm, this electrically machine is suspended by a crane or rigging system and works in an up and down blasting direction.

Technology

The AIRBLAST EBE 500 VH operates by throwing steel **shot** or **grit** at a high velocity onto the surface to be cleaned. This is achieved through centrifugal force, by a wheel with removable paddle-type blades, which revolves at high speed. Abrasive travels along the radial length of the blade and is then thrown at a high velocity onto the surface to be cleaned. Once the abrasive impacts the surface (thereby cleaning it), abrasive and debris are mechanically reclaimed within the machine. Debris is separated from abrasive within the machine on continuous basis. The re-usable abrasive is separated from the dust and debris and is transported through a hose to the dust collector where it can be disposed of later. The dust collector has an on-board compressor, which provides continuous pulsate filter cleaning.

AIRBLAST EBE 500 VH
 Vertical Blast Cleaning Specifications

Blast Cleaning Machine	AIRBLAST EBE 500 VH	500 VH Winch System
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Blast pattern	500 mm	
Travel speed	0,5—30 mtrs./min.	0,1—20 mtrs./min.
Remote control	from mobile control station	controlled by crane or winch system
Production rates	near white SA 2.5 up to 40—70 m ² /hr.	
Turbine power	18.5 kW/25 kW/26.5 kW	
Weight	1650 kg.	1000 kg.
Dust Collector	DA500-UNI	



Filter cleaning	continuous pulsejet	
Weight	375 kg.	
Dimensions D x W x H	1750 x 800 x 1490	
Suction hose	Ø 150 mm	
Max. length of suction hose	up to 60 mtr.	
Power requirements	400-440-480 Volt / 60 Hz / 63 Amp	
Generator power requirements	60 KVA	