

Wheelabrator Vacublast Ventus 92 PR Pressure Fed Shot Blasting Cabinet



Stock No	SE1070
Manufacturer	Wheelabrator
Model	Ventus 92 PR
Year of Manufacture	2008
Serial	000306
Condition	From a working environment, Excellent Condition, Current Model
Work Envelope (WxDxH mm)	640 x 900 x 740mm
Work Handling Method	Manual
Other Info	Excellent Media Recovery & Dust Control
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	250 + 500
External Dimensions (WxDxH mm)	975 x 1000 x 1780mm

Description

A trusted choice in the aerospace and medical industries where maintaining abrasive integrity is critical, this Ventus 92 PR pressure fed air blast cabinet is renowned for its versatility. Delivering consistent, high-quality finishes across a wide variety of applications.

Former Aerospace Engine Repair Company Based in the U.K.



Their worldwide reputation for quality is reflected in the machinery and maintenance of their manufacturing plant. Many of these machines include features that are necessary for the manufacture and servicing of high quality engine components, but can provide a benefit to any industry.

The design is user friendly with large armlets, a wide opening R/H door, easy access pressure control, and internal lighting.

The Ventus has the ability to blast at up to 100psi with a wide range of abrasives and would have an average consumption of 82cfm at this pressure with an average size nozzle.

The sophisticated cyclone system enables the cut point of the separation of reusable abrasive from waste to be accurately set allowing maximum separation of the reusable abrasive and the waste dust. With the aerated feed system, the abrasive blasting stream can be set accurately and consistently even at low blasting pressures making this a very versatile machine.

The Vacublast pressure-fed hand blast cabinet is essential when removing heavy corrosion, tough coatings or when high production rates are required. Cleaning rates are up to 5 times the speed of suction cabinets and are suitable for use with a wide range of abrasives such as steel shot, aluminium oxide, glass bead, plastic, and walnut shell to name but a few.

Applications

- Rust and heat scale removal
- Paint stripping
- Surface texturing
- Preparation for painting, bonding and plating
- Corrosion removal
- Shot peening
- General component cleaning
- Cosmetic finishing
- Mould cleaning
- Glass etching

Blast Chamber

The cabinet has an access door located on the right side of the cabin and offers an effective seal to the chamber for a leak-free operation. Complete with a matching reverse pulse dust control plant, for the removal of the dust from the cabinet and provide the power to run the media recovery system. This table has the advantage of being on a cranked arm, which can be rotated out of the cabin for loading and unloading parts.

Additional Cabinet Features

- Internal lighting.





- Large viewing window.
- Large operator armlets.
- 600mm manual rotary table.
- Simple and safe foot pedal blast control.
- 30 litre pressure pot fed by cyclonic separator cabinet mounted blasting pressure regulator.

The blast media is drawn through the base hopper and passed through a cyclonic separator where the amount of waste separation can be controlled by the setting of the air wash eductor. The air wash is set to retain the reusable media and reject the undersized and waste dust to the dust collector. The reusable media passes from the cyclone separator over a full-width vibrating debris screen whose surface is coated in heavy gauge rubber, which removes any oversized particles and debris from the process.

Located at the bottom of the storage hopper is the 30ltr pressure vessel which stores the blast media ready for use.

Extractor

The separate extraction unit houses twin pleated filter cartridges, whose condition is maintained by a reverse pulse air jet cleaning system. The extractor is also fitted with an ATEX explosion panel and an ATEX compliant fan.

Pressure feed machines are commonly used in high production environments or on applications such as peening, surface coatings removal, surface preparation, and cleaning.

Power

- 1.1kW
- 380-420V
- 50Hz
- 3Ph

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.