

## Hodge Clemco Enviroclean Series 1000 Pressure Fed Blast Cabinet



Stock No	<a href="#">SE1069</a>
Manufacturer	<a href="#">Hodge Clemco</a>
Model	Enviroclean Series IND1000
Year of Manufacture	2015
Serial	153
Condition	From a working environment, Good Condition
Work Envelope (WxDxH mm)	1000 x 700 x 800mm
Work Handling Method	Manual
Other Info	Access From Left or Right Hand Doors
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	1200x1050x1950 cabinet, 900x1200x1900

### Description

Pressure feed hand blast cabinets are ideal for shot peening and an essential when removing heavy corrosion, tough coatings or when high production rates are required. Cleaning rates are up to 5 times the speed of a suction cabinet and are suitable for use with heavier, long life abrasives such as iron and steel.

Pressure feed machines are commonly used in high production environments or on applications such as alloy wheel refurbishment and cleaning heavy castings.

## **Compact Design & Easy to Adapted to Your Process**

Inside the blast chamber of a blast finishing system, component surfaces are treated by the impact of media (angular or spherical particles) fired through precisely positioned adjustable air operated blast guns and nozzles.

This machines provide continuous, selective or overall surface treatment or finishing of components.

A pressure feed media delivery system, media separator and dust extraction system make up a complete free standing installation which is specified to match each application.

## **Typical Applications Include:**

- Deburring
- Cosmetic finishing
- Shot peening
- Deflashing
- Glass etching
- Surface preparation

## **Cyclone & Dust Collector**

The quality of the surface finish produced on components is influenced by the condition of the recirculating media. All blast media changes its size, weight and shape after repeated impacts on the components and a consistent mix of particle size is required to maintain uniform results. This is achieved by specifying an appropriate cyclone reclamator. This allows heavier re-useable media to continuously recirculate to the blast guns whilst removing the under size particles and dust.

By using high efficiency cartridge filters the latest generation of dust collectors provide good visibility in the blast chamber and a clean operating environment in the workshop. The extracted airflow drawn by the dust collector is carefully balanced with either the media reclamator or directly with the cabinet to ensure that a minimum of reusable blast media is removed.

## **Cyclone**

- Dimensions: 750mm x 750mm x 2200mm
- Media sieve and recovery system.
- More effective and economic use of blast media.
- Improved process and environmental control.
- Higher consistency of part finish.
- Improved cabinet visibility.
- Essential for many of the more critical operations including peening.
- Adaptable for most types of blast media.
- Ideal for plastic media blasting (PMB).
- For use with abrasive as well as non-abrasive media.



- A cyclone can be specified for use with all blast cabinets with appropriate dust collector models.
- Volume - 0.056m<sup>3</sup>
- Working pressure - 8 Bar

#### **Dust Collector**

- High quality Dantherm, reverse pulse jet cartridge cleaning, dust extractor.
- Four cartridge filters.
- Large 70 litre dust collection bucket.

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