

Wheelabrator Waffle Floor Blast Room with Extractor & Pressure Pot



Stock No	SF1108
Manufacturer	Wheelabrator
Model	Waffle Floor Blast Room
Year of Manufacture	2001
Serial	VB 10193
Condition	From a working environment, Seen working by RSW, Good Condition
Work Envelope (WxDxH mm)	3000 x 3000 x 3000
Work Handling Method	Manual
Location	Glasgow, Scotland, UK
External Dimensions (WxDxH mm)	Footprint ≈ 6000 x 6500mm

Description

The Wheelabrator heavy duty waffle blast room is an industrial abrasive blasting system designed for processing large components, fabrications and steelwork. Featuring a waffle floor abrasive recovery system, dust extraction and a pressure pot with an integrated rubber lined cyclone, it provides a solution for heavy duty surface preparation and abrasive recycling.

The blast room uses a grated waffle floor to recover spent abrasive and dust through pneumatic extraction, reducing the need for mechanical conveyors and deep under floor pits. Airflow draws dust away from the operator to support visibility within the working area, while recovered abrasive is separated and returned to the blasting system for reuse.

With internal dimensions of approximately 3000 × 3000 × 3000mm, the room is suited to applications involving large welded assemblies, fabrications and other substantial components.

Key Features & Benefits

- **Heavy duty blast room:** Designed for industrial surface preparation of large components and assemblies.
- **Waffle floor recovery system:** Uses pneumatic airflow to collect spent abrasive through the floor grating for recycling.
- **Reduced mechanical handling:** Minimises the need for bucket elevators and screw conveyors, reducing mechanical wear.
- **Downdraught ventilation:** Helps draw dust away from the operator and maintain visibility during blasting.
- **Flexible installation:** Waffle floor systems can often be installed without extensive deep-floor excavation.
- **Spacious working area:** Internal dimensions of approximately 3000 × 3000 × 3000mm.
- **Rubber lined cyclone and pressure pot:** Designed to support abrasive separation and delivery within the blasting system.

Dust Extraction System

The blast room is supplied with a Camfil Farr dust extractor, providing extraction to help manage airborne dust generated during blasting.

- **Manufacturer:** Camfil Farr
- **Model:** GS-4 Tenkay Gold Series Dust Collector
- **Serial No.** 20013
- **No. of Cartridges:** 4
- **Duty:** 3600 cfm
- **Fan motor:** New 15kW roof mounted motor installed
- **Silencer** - Included (tbc)
- **External dimensions:** 1500 × 1500 × 5000mm (approximately)
- **Year of manufacturer:** 2001

Cyclone & Pressure Pot

The system includes a fully rubber-lined cyclone integrated with the pressure pot, supporting abrasive separation and delivery for the blasting process. The recovery system is designed to return reusable media to the blasting circuit, helping reduce abrasive waste and support efficient operation.

Please Note - The rotatory table as seen in the interior photos is **not** included.

Includes professional disconnection & loading to suitable transport.

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