

Hodge Clemco Complete Containerised Blast Room Set Up



Stock No	GDB500
Manufacturer	Hodge Clemco
Model	2M Blast Room, 2452NC Blast Machine
Year of Manufacture	2022
Serial	909431 : 11095301 : TK 080727
Condition	From a working environment, Good Condition, Current Model
Work Envelope (WxDxH mm)	2400mm x 12000mm x 2400mm
Work Handling Method	Chain Hoist Loading and Manual Blasting
Other Info	Complete Self Contained Facility
Location	Ilkeston, Derby, UK
External Dimensions (WxDxH mm)	2440 x 12200 x 2500

Description

This complete & contained Hodge Clemco shotblasting set up is made up of all the individual items needed for a stand alone shot blasting facility - just 330 Hours Blasting

Individual Items

1. Hodge Clemco 12 meter Containerised Blast Room
2. Hodge Clemco IND 2452 SGV Blast Machine
- 3.

- Hodge Clemco IND 200P Vacuum Recovery Unit
- 4. Nederman Bag Dust Collector Z50 Type 3000 cfm Dust Extractor 7.5 Kw Fan Set
- 5. Yale VS111 2000kg Manual Chain Block & Tackle

Containerised Blast Room

This containerised blast room offers a practical and cost effective solution where space is limited or a temporary blasting facility is required. Built around standard shipping container sizes, they provide a ready to use blasting environment.

Thanks to their flexible design, this blasting set up also includes a blast machine, recovery system & dust extraction. Fully weatherproof, this blast room can be installed indoors or outdoors, delivering a versatile and efficient blasting solution for a wide range of applications.

Running costs have been measured at just £15/hour (based on compressor fuel costs of £2/litre).

Blast Room

- External dimensions (WxDxH) - 2440mm x 12192mm x 2585mm
- Internal dimensions (WxDxH) - 2390mm x 11991mm x 2350mm
- Runway extension at load end - 3500mm
- Runway rated - 1000kg (according to drawing SWL not marked)
- Fully weather proofed

2452NC Blast Machine

- Overall Dimensions HxWxD: 1320mm x 850mm x 1030mm
- Expendable Abrasive Capacity: 300kg; 0.163m³
- Dry Weight: 180kg

The 2452 blast machine is the largest model in the Hodge Clemco (now part of the Surface Prep UK group) standard range. Approximate weight 180kg. This machine offers twice the capacity of the 2040NC machine, making its use ideal on larger projects. Whilst this unit is readily portable it is commonly used on fixed blast room installations and other jobs where mobility is less important. The 2452 can be used with a complete range of dry abrasives (excluding soda) and is an ideal companion for large industrial repair markets.

Vacuum Recovery Unit IND200P

- An essential part for a blast room system which can save valuable man hours, reduce abrasive wastage, improve the quality of finish and the working environment, this vacuum recovery unit is economic & compact.
- It consists of a small hopper sunk into the blast room floor, abrasive silo and vacuum producing unit.
- The system can allow for up to three hours continuous production before recovery of media is required.
- Expendable abrasive is manually swept into the hopper and retrieved by vacuum into the silo and blast machine.
- During this process the recycled abrasive is cleaned. The fines, dust and oversize contamination are separated from the reusable abrasive.
- This low cost system is the ideal way to convert from an expendable blast media to a full recyclable system.
- External dimensions (WxDxH) - 500mm long x 530mm wide x 1650mm

Nederman Bag Dust Collector - Auto M 50

- Type Z50 3000 cfm
- Dust Extractor 7.5 Kw Fan Set
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Machine Datasheet



Dimensions (WxDxH) - 2240mm x 1050mm x 3250mm (top of air outlet box)

- Height of main body - 2820mm
- All access for maintenance from the front of the unit
- ATEX-certified for explosive dust in categories St1, St2 and St3
- Efficient, automatic electric shaker mechanism
- Weather proof for positioning outdoors
- Filter material - Polyester
- Filter type - Bag
- Number of filter elements - 1
- Power - 15kW
- Weight - 655kg

Yale VS111 Manual Chain Block & Tackle

- Weight capacity - 2000kg (runway to be capable of 1000kg loading)

Applications

- Limited space set up outside to increase manufacturing floor space
- Temporary sites
- Freight & vehicle refinishing
- Indoors or outdoors
- Abrasive blasting of large items
- Surface Preparation
- Coating Removal

Usage

- 330 Hours Blasting
- 910 Hours Total Running

Decommissioning, Moving and Loading

The machine has good access to move and load from one end of it's current location in a building in Ilkeston, Derby, UK. Riley Surface World has excellent partnerships with professional engineers, plant maintenance teams and transport companies that can provide competitive quotations to move this equipment within the UK and Europe

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