

Rosler VB-150H Semi-automatic Vapour Blast Machine



Stock No	SA915
Manufacturer	Rosler
Model	VB150H
Year of Manufacture	07.2018
Serial	FR 35.000023-82559
Condition	From a working environment, Seen working by RSW, Excellent Condition
Work Envelope (WxDxH mm)	1350 x 1440 x 1150 Above Table
Work Handling Method	Semi-Automatic Power Out Work Table
Other Info	Commissioned Only, Not run in production
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	3220 x 2520 x 2220

Description

Rosler VB-150H Semi-automatic Vapour Blast Machine

Rosler is the market leader in surface finishing equipment and consumables and has a long history of producing machines and processes of the highest quality.

Former Rolls Royce Machinery

This plant is one of several machines acquired during Rolls Royce's reorganisation of their manufacturing facility at Inchinnan, UK.

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.

Special surface finishes can be achieved through the enrichment of the process water with ceramic and mineral abrasives. In addition, through the wet blasting method, blasting of materials is possible which should not come into contact with the air for Health and Safety reasons.

The significant advantages of wet blasting are:

- No dust
- Ability to use fine abrasives
- Low abrasive consumption due to the protective water layer (suitable for shot peening)
- Low risk of embedding (particularly for soft metals)

This wet blasting machine, manufactured in 2018, commissioned only but never used in production, this is effectively an unused machine and has fractional hours run with Powered Turntable Ø 1000 x 860 High

Completely manufactured from Stainless Steel, this wet blasting machine and method is typically used for surface improvement, cleaning, stripping, preparation of coatings, deburring, and shot peening. Wet blasting is especially well suited for finishing delicate, precision produced parts.

35 KW rating

The work station houses a sturdy 1000mm diameter powered rotary turntable as a base for processing components and is housed in a cabin some 1350mm wide. After processing, the rotary table is then transferred to a rinsing station to the side of the machine to enable the operator to rinse off the components.

The powered rotary turntable is transferred to the wash station under operator control, where a manually operated wash gun can effectively wash off any remaining debris.

Operation and control of the machine are made through a small control panel at the front of the machine and by foot pedals, enabling efficient operation at all times.

A powerful pump feeds the water and media mix to the blast gun which the operator uses to process the components within the cabin, which is brightly lit from the top by lighting housed in a fully sealed unit on top of the machine.

Examples of products for the wet blasting process.

- Aluminium diecast parts
- Drills
- Stainless steel surfaces for the food industry
- Stainless steel components
- Precision casting parts

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Machine Datasheet



- Carbide tips
- Implants
- Vanes
- Motor housing
- Surgical instruments
- Forged parts (Aerospace)
- Turbine blades
- Turbine discs (rings)
- Tools

Operational manual and wiring schematics included.

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



Surface
Engineering
Association

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