Wheelabrator SmartLine Round Bowl Vibratory Machine

Sorry, this machine is no longer available

We might be able to meet your requirements with other Vibratory Deburring & Polishing Machines machines.

Stock No	VY1209J
Manufacturer	Wheelabrator
Model	RVS-3
Year of Manufacture	2019
Serial	20516 & 20519
Condition	Seen working by RSW, Ex demonstration, Current Model
Capacity	330 Litres gross, 210 Litres net
Type	Bowl with separator
Other Info	Footprint 2100 x 3500 x 3000 mm
Weight (kgs)	490
External Dimensions (WxDxH mm)	1286 x 1286 x 1162 & 1900 x 2385 x 2956

Description

Easy to Separate and Unload

RVS series offers the very highest specification including all key extras as standard

The Wheelabrator Vibro RVS-3 (330/210 litre) vibratory bowl with separation and unload is designed for processing both smaller-medium size components and lower volume batches as well as protypes. Well suited for process metallic components and Additive Manufactured 3D printed components alike.

The programable touch screen control panel and frequency inverter variable speed drive 870 – 1500 rpm coupled with the CMS-80 water and compound metering system gives the operator ultimate control over the process.

The extra deep acoustic noise reduction semi-enclosure offers excellent noise suppression over the standard vibro lid (noise reduction of up to 10 dB depending on media selection and components).

The RVS-3 machine is positioned at a very comfortable operator working height and has a manual operated and reinforced unload flap, which provides lift to the spacious interchangeable separation sieve screen providing efficient evacuation of components and return of media to the process bowl. A high level specification finishing machine with key extras as standard.

Suitable for a wide range of applications including:

- Deburring
- Flash Removal
- Polishing
- Grinding
- Smoothing
- Superfinishing
- Edge Breaking
- Surface Blending
- Pre-Anodised and Chemical Plate Finishes
- Metallics, Ceramics and Additive Manufactured 3D Printed Components

Main Features:

- 330/210 litre two-part moulded cast polyurethane lining for inner chamber protection
- Manually operated and reinforced unload flap
- Components and media separation sieve screen
- Oil and abrasion resistant working bowl for longer life
- Extra deep acoustic noise reduction semi-enclosure
- Touch screen control panel for simplified operation
- Variable speed frequency invertor for optimum process control with quick turn speed dial
- CMS-80 Meter Unit to ensure controlled delivery of water and liquid compound dosing
- Compact equipment stand for control panel and metering station
- Double flange vertically mounted drive motor featuring long life bearings for increased durability

Included:

- RVS-3 vibratory bowl

- Extra deep acoustic noise reduction semi-enclosure
- Touch screen control panel with variable speed dial
- CMS-80 water and compound metering station
- Freestanding control panel and metering station stand

Technical Details:

- Ex-demo 2017 machine with only 77 runtime hours (almost like new)
- 330 Litre gross chamber
- 210 Litre net process chamber
- Chamber width 330mm
- 2 kW drive motor (16 Amp)
- Frequency Invertor - Variable Speed Drive 870 – 1500 rpm
- 230v Blue Euro 3-Pin (2+E) socket
- Theoretical maximum diagonal component dimension = 286 mm (ideal batch maximum diagonal 143 mm)

A very versatile finishing machine with components separation and unload. What's not to like about this fantastic workhorse of a machine.

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