

## Rosler Trough Vibrator R180/530



Stock No	<a href="#">VF2246</a>
Manufacturer	<a href="#">Rosler</a>
Model	R 180/530 Vibratory Finishing Machine
Year of Manufacture	2016
Serial	72990
Condition	Seen working by RSW, Good Condition, Current Model
Capacity	Total 10 Litres.
Type	Course Finish, Fine Finish or Polish
Other Info	400V 50 Hz
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	1200
External Dimensions (WxDxH mm)	650 x 360 x 600mm

### Description

Rosler R180/530 Vibratory Finishing machine, originally used for medical implant finishing, but suitable for many types of small part finishing to a high standard. These machines can be used for highly polished finished components suitable for any industry including the medical industry.

This direct drive foot mounted system generates powerful vibratory force at relatively low energy costs and allows for a compact cell design. Finish a wide variety of small workpieces produced in small batches or longer units up to 500mm in

length.

- Trough Linings inspected by Riley Engineer - Found to be in excellent condition.
- Acoustic covers.

### **Principles of Vibratory Finishing**

- Vibratory surface finishing takes place in a work bowl or trough placed on coil springs. The vibratory energy is induced by a special vibratory motor that is mounted on the bowl or trough. The vibration creates the typical relative movement of media against parts.
- Vibratory finishing can be used for all metals, many plastics, ceramics, rubber, wood, stone and glass and can help to achieve a wide range of objectives.
- The continuous feeding of water and compound, such as soap, supports the finishing process.
- Excellent results can be obtained for highly delicate and small components as well as for larger mass made and robust components.

### **Typical Applications Include:**

- General deburring.
- Heavy duty radiusing (edge breaking).
- Surface smoothing.
- Polishing.
- De-greasing.
- Surface cleaning.
- Pickling, descaling, de-rusting.

### **Dimensions etc.**

- Work Bowl with lining (Internal dimensions): 180 x 230 x 530 mm (w x d x l)
- External dimensions: 650 x 360 x 600mm (w x l x h)
- Volume: 10 Litres
- Drive power: 0.65 kW
- Drive speed: 3,000 RPM

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