

The Barwell SpinTrim is a simple and cost-effective method of deflashing small rubber parts. It can be used as a single process operation or as a cost reducing first stage before cryogenic deflashing for parts with excessive flash.

## barwell *Spin Trim*

Rubber deflashing machine

- An affordable system of mechanically deflashing rubber parts that provides quick pay back and improved finish quality
- A very compact and quick solution of rubber deflashing
- A simple method of operation and exceptionally easy to maintain
- A system that eliminates safety risk and time taken with manual trimming



CE

## Rubber Deflashing Machine

Ideal for small rubber parts with tear trim

- Capacity 14L (usable volume 4L)
- For loads of a maximum of 1 kg
- Up to 7000 rpm spin speed
- Adjustable cycle time
- Supplied with 7 vacuum screening plates for process flexibility
- High quality Omron PLC and inverter
- Multi-language simple to use colour operator interface angled for easy viewing
- Stores up to 20 process set-ups
- Insulated for sound reduction
- CE compliant with special built-in safety features



...a lifetime of reliability and support

## When should I use the barwell SpinTrim?

The SpinTrim is ideal for the high quality deflashing of small to medium size rubber parts that do not have excessive flashing or for more excessively flashed product when the application does not require a pristine finish.

- 'O' Rings
- Grommets
- Seals
- Gaskets
- Caps
- Other small rubber parts

It separates the sprue and the unwanted flash surrounding the product in a very short period of time (usually about one minute) and offers considerable cost, time and quality and safety advantages over hand-cutting, grinding, chemical use or tumbling methods of deflashing.

It can be used as a cost-effective first stage process for the deflashing of more complex parts or those with excessive flash prior to using a Barwell Freeze Trim cryogenic deflashing machine.

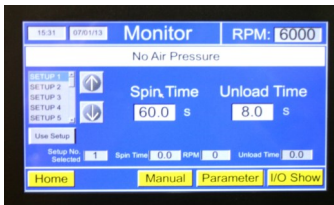
The benefit of having a two-stage process is that it reduces the time taken during cryogenic deflashing, including the amount of nitrogen used, which reduces operational costs. It also means that a higher quality part is produced as the cryogenic and media blasting process can concentrate on polishing and fine trimming the products.



*The Spin Trim can be used in conjunction with the Barwell Freeze Trim cryogenic deflashing machine.*

## How does it work?

The process is quick and requires minimal skills by the operator. An appropriate vacuum screening plate is selected and fitted dependent on the size and type of product being deflashed. Parts are then placed into the three compartment safety chamber - allowing for the next batch of parts to be deflashed immediately after the first.



The chamber should only be filled to about a third of its capacity for effective spinning.

Once secured in the spin chamber and the cycle

settings have been made an internal mechanically propelled disc spins the rubber parts at high speed resulting in the excess flash being removed and the sprue connections being broken.

The small flash is sucked away by an integral vacuum and the deflashed parts and larger flash including sprue exit via a chute into a dump bin (or a separator unit).

## Waste Separator

The separator has 14 perforated sheets of differing hole sizes (6-32mm) so you can set the separator up for each product.

The upper sheet allows the good parts and small flash to fall through. The lower sheet then allows this flash to fall to the bottom, leaving the deflashed parts in the middle of the separator.

Boxes at the end collect the deflashed parts and flash. The large flash is manually removed for the upper sheet by hand or vacuum. This optional extra will save labour time and cost in sorting out the parts, and is compact and very efficient and simple to operate

## Spin Trim Technical Information

Dimensions	Length: 1700 mm Width: 550 mm Height: 1100 mm
Weight	310 kg
Power Supply	380V-440V 3 phase, neutral and earth. Total maximum connected load 5kW. 220V single phase for the vacuum machine
Air Supply	1/4" BSP Maximum permissible pressure of 85 psi
Capacity Size	14L (maximum chamber fill 4L)
Maximum rpm	7000 rpm



**NEW!**

*Barwell Take-Off Waste Separator*

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