

## Rotating brush polisher BRR



### Operating principle

The Sormac rotary brush polisher type BRR consists of 16 brush rollers forming an elongated drum. The drum and rollers rotate separately and have independent adjustable speed controls via a series of heavy-duty V-belts.

The drum is capable of running in two directions and has a spraying pipe within the drum. The spraying direction can be altered, depending on the filling and the running direction of the drum. Each roller has a double bearing arrangement and can be dismantled very quickly by way of a unique clamping device (loosening of expander mechanism at drive and discharge ends).

Access for cleaning and maintenance of the brush polisher is gained through large side doors on either side of the machine. The specially designed infeed prevents damage to delicate products. The retention time in the brush polisher is controlled by means of an adjustable turning valve at the end of the drum.

The motors are built into a separate and hygienic compartment above the peeling area.

### Capacity

The capacity of the brush polisher is in between 5 and 15 tons/hr (11,000 - 33,000 lbs/hr), depending on product, desired dwell time and desired quality of the end product.

### Features

- > quick mounting / de-mounting of the brush rollers
- > all rollers double beared
- > all V-belts run through a V-belt pulley
- > very low noise level
- > motors and drive in separate compartment

### Options

- > shafts and tensioners complete in stainless steel (instead of galvanised steel / aluminium)
- > maintenance-free bearings, complete in stainless steel (only in combination with stainless steel shafts)
- > frame for heightened position
- > integrated control with digital indication of number of revolutions of the drum and brushes
- > platform with stairs
- > waste hopper with waste-water pump
- > water recycle unit
- > brushes with different grades of plastic composite bristles

**Product specification**

The rotary brush polisher type BRR is specially designed for washing/polishing root vegetables like carrots, potatoes and celeriac. The recommended product diameter is between 10 and 250 mm (0,4"-10").

**Technical data**

Installed power:	8,5 kW
Water connection:	1" BSP
Weight:	approx. 2.500 kg (1,136 lbs)
Roller length:	3.000 mm (118")
Roller diameter:	190 mm (7,5")
Number of rollers:	16
Dimensions (LxWxH):	4.800 x 1.500 x 2.500 mm (189"x59"x98")
Infeed height:	1.550 mm (61")
Outfeed height:	800 mm (31")