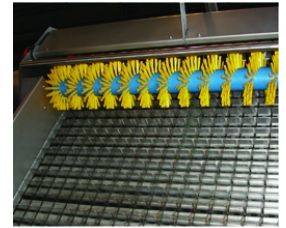


Process cutter WSS



Operating principle

The Sormac process cutter type WSS is constructed for cutting large quantities parallel type carrots, e.g. for manufacturing baby carrots.

The carrots are cut to a pre-determined fixed size, mostly 50 mm (2"), and all undersized pieces that are too short for further processing can be removed from the production by an additional vibratory grader or piece remover.

The machine consists of a number of stainless steel elevator trays, which are mounted on two drive belts. The carrots are elevated by these trays which are slotted at 50 mm (2") increments to allow the free passage of rotating knives which cut through the carrots at right angles.

A rotating spiral brush takes care that the carrots are well positioned in the trays and all excessive carrots are removed.

Capacity

The capacity of the process cutter depends on an equal delivery over the whole width of the machine, with a practical top production rate up to 5 tons/hour (11,000 lbs/hr).

Features

- > simple and robust construction
- > manufactured of stainless steel, including the trays
- > minimal wearing parts

Options

- > several cutting lengths (standard 50 mm / 2")
- > infeed conveyor
- > piece removal drum or chute length grader

Product specification

The process cutter can accommodate carrots up to a diameter of 30 mm. For a good working the carrot tops have to be removed.

Technical data

Voltage:	230/400 V, 3 phase, 50/60 Hz
Total installed power:	2.2 kW
Weight:	950 kg (2,090 lbs)
Dimensions (LxWxH):	2.100 x 1.800 x 2.400 mm (83" x 71" x 94")
Infeed height:	1.720 mm (68")