



machine description ::

A drum washer with an integrated destoner is designed for cleaning of unpeeled vegetables such as potatoes, carrots, beetroot, celery, parsnip and other.

A destoner is a machine which uses gravity to remove earth and stones from products. It is filled with water. The engine drives a propeller which forces the water up while moving the product to the washer. Stones and earth fall to the bottom to the exit conveyor of stones and dirt.

The drum washer has a specially formed drum suspended on special V-belts, driven by a large diameter shaft connected to a three phases engine with adjustable revolution speed.

The drum is made of perforated stainless steel with a spiral rubber hose located inside the drum, which ensures rotating of the product and its flow towards the exit conveyor. The earth is removed from the product thanks to its rotation in the semi-filled drum. This machine is equipped with a door controlled by a servo motor which ensures the smooth flow of the product and with an auger conveyor running along the whole length of the machine.

The level of water in the washer drum can be adjusted to the required level. The side of the machine features a door for monitoring or cleaning of the machine.

The exit conveyor is equipped with a self-draining belt driven by an engine of a constant speed and with a final rinse.

technical data ::

type	3512
washer drum	diameter 1000 or 1200 mm length 3000 to 5000 mm
electric requirement	400 V, N, PE, 50 Hz, 32A
air requirement	according to the requirements for controlling of the outlets, operating pressure 6 bars
power consumption	12,5 kW
machine dimensions	(L x w x h) 7500 x 1400 x 3000 mm
weight of the machine	4000 kg

output capacity ::

8 – 20 t/hr
based on the length and diameter of the drum and the quality of the product input



