

Dipping tank DT-140/120



Operating principle

The dipping tank is used for root crops such as potatoes, carrots etc., which require a controlled contact time with water (with or without additives).

The product is collected in 8 compartments within the rotating drum which can accept approx. 25 kg (55 lbs) of product per compartment. The drum is mounted within a stainless steel water holding tank of approx. 1.400 litres (370 gallons). The product can be continually loaded into the machine and each compartment contra rotates submerging everything below the water surface. The discharge of the product is on the opposite side of the infeed.

Rotational dwell times are controlled with average parameters between 1-5 minutes.

The dipping tank is completely manufactured in stainless steel and equipped with a drain valve and two manhole openings for cleaning access.

Capacity

The capacity is dependent on the dwell time and is between 1.000 - 4.500 kg/hr (2,200 - 9,900 lbs/hr) with a dwell time of 5 to 1 minute.

Scope of supply

- > dipping tank with rotating compartments
- > drain valve, and overflow
- > inspection covers on both sides
- > motor reduction gearbox

Features

- > suitable for floating and non floating product
- > dwell times can be simply adjusted by a speed controller
- > very solid construction

Options

- > variable dwell times
- > air injection system for contact intensity

Product specification

The dipping tank processes product with a maximum diameter of 200 mm (8").

Technical data

Voltage:	230 / 400 V, 50/60 Hz, 3 ph
Total installed power:	0.37 kW
Weight:	500 kg (1,100 lbs)
Dimensions (LxWxH):	1.600 x 1.900 x 1.800 mm (63"x75"x71")

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