



Innovative rustfrie løsninger

Boxwashing Machine





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BW 200 Boxwashing Machine

General discription:

The machine is designed and constructed for the washing and drying of plastic boxes within the food industry and is as standard able to handle boxes with length/width 600mm x 400 mm and with minimum/maximum height of 120mm/350mm. (other box-sizes on request) The machine, made from stainless steel(AISI 304) is constructed in modules, which allows customers to build a machine with a capacity which suits their requirements. Furthermore, it allows for a later extension of a machine and increase in washing capacity if required.

The available modules are:

Inlet Module where the boxes are placed upside down. This module contains the adjustable sprockets for the conveyor chain.

-Pre-washing Module with tank, pump and filter system for the recycled water. The module can be supplied with pumps with capacities from 3-15 bar pressure. This module can as option be supplied with thermostat controlled water heating by electric heating element of 30 kW capacity or alternatively by steam-injection or steam-coil system.

-Main-washing Module with tank, pump, filter system and detergent-dosingunit, for the recycled water. The module can be supplied with pumps with capacities from 3-15 bar pressure. This module features thermostat controlled water heating by electric heating element of 30 kW capacity or alternatively by steam-injection or steam-coil system.



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-**After Flush** where the boxes are flushed with fresh water so that all detergent residues are rinsed off.

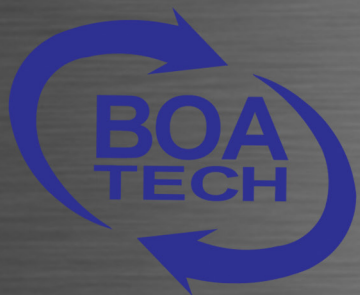
-**Final Flush/Disinfection Module** where the boxes can be flushed and disinfected by means of heated water (+85 degr.)

-**Cold air drying Module** where the boxes are blow-dried by means of a 4 kW fan via a set of air-nozzles.

-**Hot air drying Module** where the boxes are blow-dried by means of heated air, coming from a 4 kW fan via a set of air-nozzles. The air is heated by means of a 14.4 kW heating element.

-**Outlet Module** where the boxes come out after cleaning and drying. This module contains the gear motor for the conveyor chain.

The machine will be supplied with a control panel constructed of stainless steel (AISI 304) containing all electrical components inclusive of a programmable logical computer (Omron PLC or according to customer preference) for controlling the machine.



Technical Data & Advantages

BW 200, STANDARD EQUIPMENT:

- Stainless steel conveyor with adjustable speed by means of a frequency converter.
- Thermostat controlled steam- or electrical heating (40°C - 60°C).
- Automatic Water Filling.
- Dry Run Protection.
- Double Filter Tray (1mm or 2mm opening according to requirement).
- 4 kW Drying Fan.

OPTIONAL EQUIPMENT:

- Self-cleaning rotating drumfilter
- Vapour-exhaustion fan
- Warning-light
- Holder for detergent-can



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