

Washing machine for  
E1-E3 crates & H1 pallets with  
With blower  
steam

Art.-Nr.: 1.577.37



### **Washing machine for 380 crates & 160 H1 pallets**

The machine is a pass-through washing machine designed for cleaning of E1-E3 plastic crates and H1 pallets. It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food according to the standard. The machine consists of an input transporter, a washing and rinsing section, air-blasting and an output, a passive transporter. The washing is performed by means of a centrifugal pump and adjustable nozzles. The automatic dosing of the detergent is a standard integration. Washing is performed with water circulation in a closed filtered cycle. General water supply is used for rinsing. The tank is equipped with manually cleaned filter (drum filter-option) for catching bigger particulars. The water (detergent solution) for washing is heated by means of electric heaters or a steam injector. The desired water temperature for washing can be adjusted between 30-60°C via a thermostat. General water supply is used for rinsing. The water used during the rinsing process is afterwards led away into the main tank and thus the water inside is constantly refreshed. The air-blasting is performed by nozzles of the air-blade type, supplied by centrifugal fans. The crates are transported, placed transversely with their bottoms up. The pallets-lengthwise (if necessary, special devices are installed on the pallets), with the platform facing down, adjustable. The gear motor is equipped with a sliding connector to prevent eventual injuries to the personnel from the transport chain. The control panel can be mounted either on the left or on the right side of the machine in accordance with the customer requirements

#### **Options:**

- Automatic system for detergent filling and dosing ( with concentration measurement)
- Flange Ø150 for plugging to steam offtake
- blower – flange, fan, control;
- Chemical disinfection- including disinfectant in the rinse
- Thermal disinfection (additional rinsing section)- hot water 82°C is provided from the customer;
- safety switches;
- drum filter in the pre-washing zone.

It is possible to produce non-standard equipment depending on the customers' needs and requirements.

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**Technical data:**

performance:	320 – 380 crates/h, 120-160 pallets/ h
Steam heating:	3- 12 bar/ 135°C
power supply:	400V/3P/50Hz
voltage control:	24V DC
protection type:	IP 65
tank:	~ 400 l
Pump:	7,5 kW / 60 m <sup>3</sup> /h / 3-4 bar/ IP 55
Water inlet:	R 1”
Water outler:	R 1½“
blower:	2 x 3 kW
protection type:	0.55 kW / IP 55
Installed power:	15 kW
dimensions (LxWxH):	8050 x 1550 x 1850 mm



## Technische Zeichnung

