

Crate washing machine



Stainless steel construction. Universal washer for crates and packaging items of various sizes. Maximum crate dimensions: 600 × 400 × 450 mm; machine opening: 630mm. Crates pass through on a steel-mesh conveyor with adjustable speed. Special holders secure them during transport. To customise the holders, the customer supplies sample crates, or detailed drawings and crate weights. The machine includes: detergent dosing unit; touchscreen controls; automatic filling and emptying of the detergent tank; removable side covers for easier cleaning; crate infeed and outfeed guides; a tank cover for easy cleaning.

The machine has two sections: washing and rinsing. In the washing section, crates are cleaned with recirculating detergent solution heated to 50-55°C. A temperature controller regulates the temperature. The solution is held in the machine's tank and sprayed evenly onto the crates through a nozzle system. Nozzles beneath the crates reciprocate for more effective cleaning. Before returning to the tank, the solution passes through a filter screen that is easily removed and cleaned. After the main wash, crates move to the rinsing section. Hot water /80-85°C/ is sprayed through a nozzle manifold. Fresh water enters from the mains; after rinsing, it flows into the main washing tank to replenish the cleaning solution. Dirty water leaves through the machine's drain. Water heating can be electric or steam-powered.

Technical data

Capacity: up to 150 crates/h; (depending on crate size and soiling)

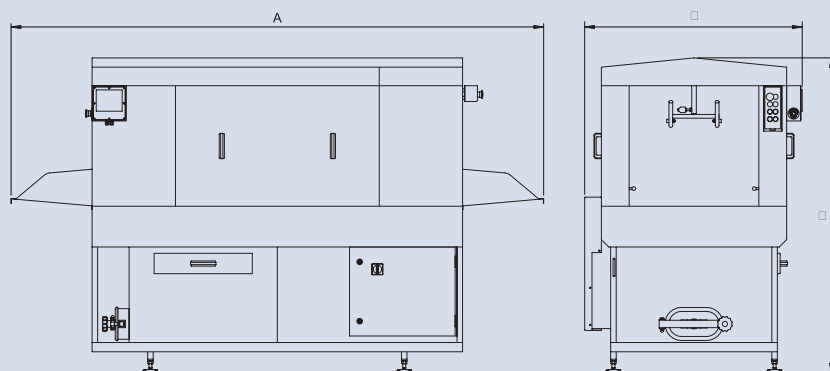
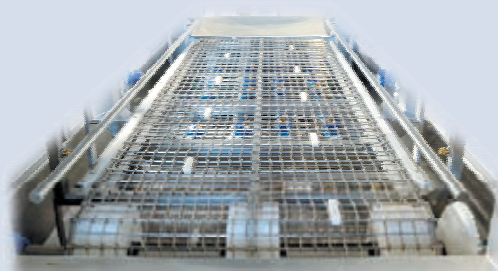
Water inlet: 1", 4-6 bar

Water drain: 1 ½"

Power supply: 400 V, 50 Hz

Steam connection: 1", 3 bar, 130°C

Steam consumption: 50...80 kg/h



Item No.	Dimensions	Water heating	Power, kW
05.91.310.000	2900x1100x1700	electric	15,4
05.91.320.000	2900x1100x1700	steam	3,4