

WASHING MACHINE FOR CRATES with capacity up to 240 pcs./h and 320 pcs./h

The machines are pass-through tunnel machines and are designed to clean standard E1-E3 plastic crates (or similar products) with max. capacity of up to 240 and 320 pcs./h.

They consist of washing and rinsing zone. The washing is performed by centrifugal pump and adjustable (by hand) nozzles. The washing agent is added manually in the tank before starting the machine (option – automatic dosing system). The tank is equipped with manually cleaned filter for catching the bigger soils. The water for washing can be heated by electric heaters or an injector for direct steam. The desired water temperature can be adjusted between 30-60°C via thermostat. For the rinsing is used general water supply. After the rinsing this water is used also for refreshing and additional filling of the washing tank.

The crates are transported through the zones by a motor driven chain (transport speed is smoothly adjustable). The gear motor is equipped with sliding connector to prevent eventual injuries to the personnel.

The control panel can be mounted either on the left or on the right side of the machine – in accordance with the customer requirements.

The machines are made of stainless steel 1.4301 (AISI 304) and comply with the Council Directives 2006/42/EC and 2006/95/EC, and USDA regulations.

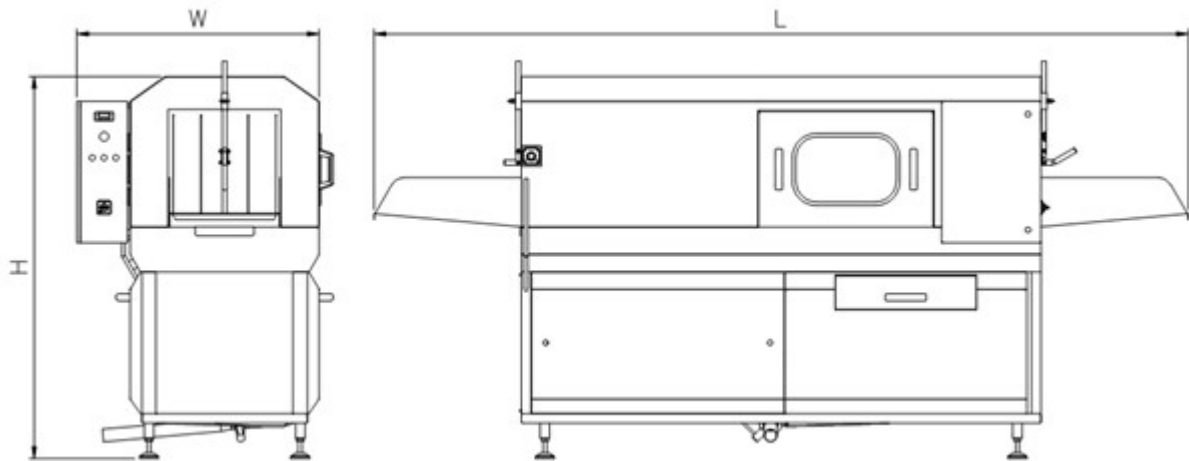


Technical data:

Max. capacity	240 pcs./h		320 pcs./h	
	Art. numbers	20.0002.00	20.1002.00	20.0003.00
Dimensions of the crates	600x400x120-400 mm		600x400x120-400 mm	
Power supply	400 V/3 Ph/50 Hz		400 V/3 Ph/50 Hz	
Control voltage	24 V DC		24 V DC	
Installed power	27 kW	5 kW	27 kW	5 kW
Heating	2x11 kW	3 bar, 130°C	2x11 kW	3 bar, 130°C
Drive	0,25 kW		0,25 kW	
Pump	4 kW/33 m ³ /h/3 bar		4 kW/33 m ³ /h/3 bar	
Adjustable washing nozzles	38 pcs.		38 pcs.	
Tank volume	300 l		300 l	
Water inlet	min. 3 bar		min. 3 bar	
Water outlet	Ø50		Ø50	
Others			cross crates moving	

Optional:

- Automatic dosing system for detergent filling and dosing (with concentration measurement);
- Flange Ø150 for connecting to aspiration;
- Ventilation – flange, fan, control;
- Chemical disinfection – including disinfection agent in the rinsing;
- Thermal disinfection (additional rinsing zone) – hot water 82°C is provided by the customer;
- Safety switches on the side covers.



Dimensions:

Max. capacity	240 pcs./h	320 pcs./h
Length	3450 mm	3450 mm
Width	1050 mm	1300 mm
Height	1650 mm	1650 mm