

## WASHING MACHINE FOR CRATES WITH PRE-WASHING with capacity up to 450 pcs./h and 600 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 450 and 600 pcs./h.

They consist of zones for pre-washing, washing and rinsing. Pre-washing and washing processes are performed in identical way – by centrifugal pumps and adjustable (by hand) nozzles. The washing agent is added manually in the tanks before starting the machine (option – automatic dosing systems). The tanks are equipped with manually cleaned filters for catching the bigger soils. The water in both tanks can be heated by electric heaters or a injectors 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 main 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.

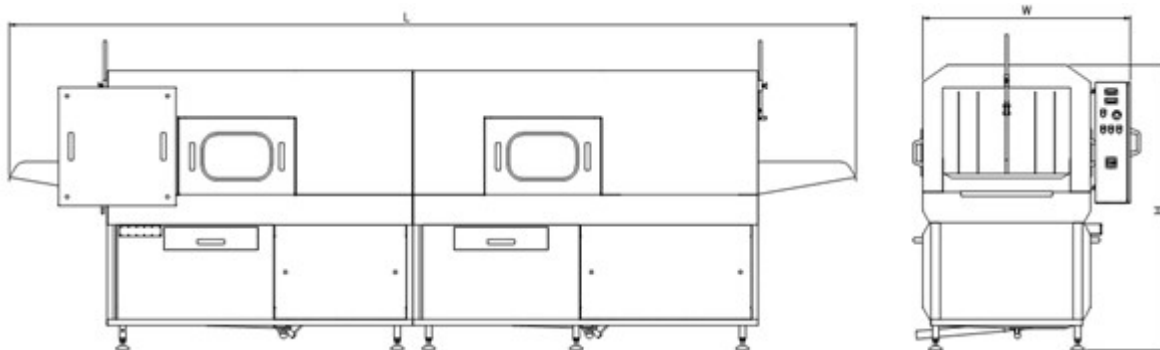


### Technical data:

<b>Max. capacity</b>	<b>450 pcs./h</b>		<b>600 pcs./h</b>	
Art. numbers	20.0004.00	20.1004.00	20.0006.00	20.1006.00
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	53 kW	9 kW	53 kW	9 kW
Heating	4x11 kW	3 bar, 130°C	4x11 kW	3 bar, 130°C
Drive	0,37 kW		0,37 kW	
Pump	2x4 kW/33 m <sup>3</sup> /h/3 bar		2x4 kW/33 m <sup>3</sup> /h/3 bar	
Adjustable washing nozzles	2x38 pcs.		2x38 pcs.	
Tank volume	2x400 l		2x400 l	
Water inlet	min. 3 bar		min. 3 bar	
Water outlet	2xØ50		2xØ50	
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;
- Drum filter in the pre-washing zone.



### Dimensions:

Max. capacity	450 pcs./h	600 pcs./h
Length	5400 mm	5400 mm
Width	1050 mm	1300 mm
Height	2000 mm	2000 mm