

Modular plastic crate washer, capacity 500 to 2000 crates per hour



Stainless steel construction. Designed for thorough washing of plastic crates passing through the machine. Crates are loaded and transported by steel chains in one or two lanes. The latter gives higher throughput in a shorter machine. Several modules are connected in a single process: 1. Pre-washing: 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. Depending on the degree of soiling, this module can include a drum filter to remove larger particles.

2. Main washing: Crates are again washed 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. 3. Disinfection and rinsing: After the main wash, crates enter the rinsing section. Hot water /80-85°C/ is sprayed through a nozzle manifold. Water is supplied directly from the mains. 4. Air blow-off drying module: One to three modules, depending on capacity. Powerful pressurised air removes up to 80% of the water remaining after washing. Crates are conveyed automatically by a steel-chain conveyor. A hot-air drying module, heated by steam or electricity, is available on request. Machines are supplied with electric or steam water heating. Water is reused efficiently by returning it to the preceding module, optimising energy and detergent consumption. Controls are on a separate, easily accessible panel near the machine. Optional: detergent dosing unit.

Technical data

Crate dimensions: 600 x 400 x 150 / 300 mm

Water inlet: 1", 4-6 bar - tank filling

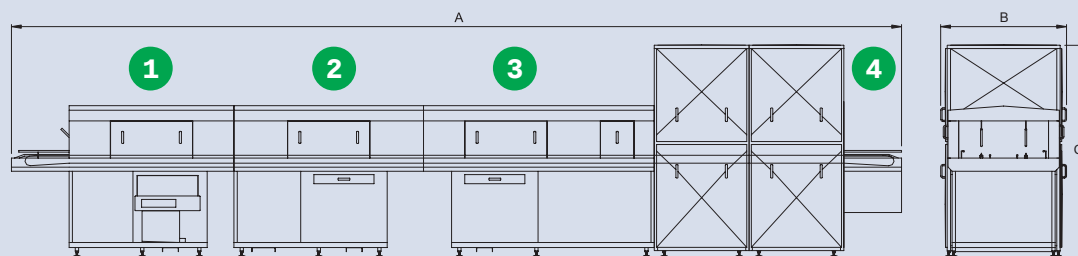
½", 4-6 bar - 80-85°C rinsing water

Water drain: 2"

Power supply: 400V/50Hz

Steam connection: 1", 3 bar, 130°C

Steam consumption: 100-120 kg/h



Item No.	Capacity crates / h	Conveyor type	Dimensions AxBxC (mm)	Water heating	Power, kW
05.11.911.000	1000÷1200	Single lane	9300x1450x2440	electric	74,7
05.11.921.000	1000÷1200	Single lane	9300x1450x2440	steam	29,7
05.16.911.000	1000÷1200	Two lanes	8400x1450x2300	electric	101,5
05.16.921.000	1000÷1200	Two lanes	8400x1450x2300	steam	41,5

Machines with other capacities can be manufactured on request