

Trolley Washing Machine



The HILLERSLEV Trolley Washing Machine is a semi automatic washing machine for standard smoke trolleys. The machine has a capacity of about 10-20 trolleys per hour.

A special designed nozzle bar system is guided vertically close to the 4 sides of the trolley. This secures an optimal cleaning of the all surfaces even without removing loose shelves. The nozzle bar is divided in two; one bar for cleaning and one bar for rinsing. The cleaning bar is furthermore divided in two separate systems in order to cover all surfaces of the trolley with high pressure.

The trolleys are manually pushed into the washing cabin and when the doors are closed the following washing program is carried out:

1. Hot water wash 55-60 °C, added cleanser, re-cycled with a 15kW pump at 9 bars.
2. Rinsing with clean tap water through 2x25 nozzles. The rinsing water is either pumped to the soap solution tank, where it is used as supplement, or it is guided to floor drain.
3. As an option a disinfectant can be added to the rinsing water.

The program is free programmable as washing time, rinsing time and disinfections time can be adjusted from the display.

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Power consumption:

Electricity (motors):	14 kW 3x400VAC 50 Hz 0+Ground
Water:	10-15 l/trolley
Heat:	75 kW
Compressed air:	½ “ 7 bars

Construction:

The door and the cabinet are insulated with 50 mm mineral wool covered by stainless steel plate. The nozzle bar has two individual nozzle systems for respectively recycled soap solution(2x25 pc. Ø4mm) and rinse water (16 pc. Ø 0.5mm). In the top of the washing cabin is placed a suction pipe for removing vapour.

The soap solution tank is insulated with 50 mm mineral wool, too. It is furthermore equipped with an overflow pipe and tap for emptying. The water level is controlled automatically with a level sensor and an electrical valve. The water is heated by stem, central heating system, natural gas or by electrical heating elements. The water temperature is automatically controlled in the range of 30-70°C. The recycled water is filtered continuously a filter plate which easily can be removed for cleaning.

The washing cabin is as standard supplied with two doors that allow the machine to be installed as a corridor between unclean and clean area.

Dimensions:

