

Mega 86W



The Solution for Demanding Applications



Ecoclean

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Constantly increasing requirements in terms of productivity and quality for manufacturing and assembly parts mean that cleaning systems as well have to provide solutions which meet these high standards.

For applications where high throughputs and/or high qualities of finish have to be achieved by fine cleaning in multi-stage aqueous immersion cleaning processes the Mega 86W cleaning system offers a wide variety of possibilities.

Integrated treatment facilities and a largely closed material cycle provide optimum bath lifetimes and a minimisation of operating costs. On account of the various processes and features available the Mega 86W cleaning system is used for mass-produced bulk items just as successfully as for fine cleaning of injection system parts or medical components.

Equipment and Process

- Multi-stage washing and rinsing process with hot-air drying
- Area-coverage cleaning due to immersion cleaning process
- Parts baskets can be rotated, oscillated, raised and lowered in order to support the cleaning and drying effect
- Automatic parts basket lid placement
- All stainless steel pipework
- Waste water-free operation due to integrated treatment unit AQUACLEAN
- Throughput can be increased with extra rotation frames
- Conveyor unit is driven by maintenance-free servo motors
- Custom programming of process sequences
- Error diagnosis via plain text display on operator control panel
- Closed system housing with large sliding doors for optimum access
- Automatic conveyor

Optional Extras

- Extra rinsing baths
- Filtration units
- Injection flood washing
- Ultrasonic unit
- Vacuum drying
- Deionisation system for rinse water treatment
- Settling tank
- Micro filtration for additional bath treatment
- Automatic dosing unit



Advantages

- Waste water-free during operation
- Maximum bath life due to continuous treatment
- Minimum energy input due to heat recovery
- Minimum volume of waste for disposal due to concentration of residues
- Low consumption of cleaning media
- Flexible adaptation to throughput and cleaning quality

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Technical Data

Outside Dimensions of the System

Length	approx. 8,000 mm (315")
Width	approx. 2,600 mm (102.4")
Width with automatic conveyor	approx. 3,800 mm (149.7")
Height	approx. 3,200 mm (126")
Total weight filled	approx. 11,000 kg (24,250 lb)

Basket

Length max.	approx. 670 mm (26.4")
Width max.	approx. 480 mm (18.9")
Height max.	approx. 300 mm (11.8")
Batch weight max.	200 kg (440 lb)
Throughput depending on work sequence and treatment time required	approx. 8–18 batches/h

Connected Load 3x400V/50 Hz (3x480V/60 Hz)

Total Load

According to equipment 106–145 kW

Bath Capacity approx. 550l each (145 gal.)

Working Temperature

Washing, rinsing	approx. 50–80°C (131–176°F)
Drying temperature	approx. 130°C (266°F)

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