



LEADING IN PRODUCTION EFFICIENCY

Mega 86W

THE SOLUTION FOR DEMANDING APPLICATIONS





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The solution for demanding applications

Increased manufacturing productivity and quality requirements drive cleaning applications to meet higher standards. When throughputs are high and fine cleaning is the goal, the **Mega 86W** multi-stage aqueous immersion system offers unmatched capabilities.

Operating costs are reduced through the **Mega 86W**'s isolated treatment chambers. The design offers optimal bath and solution lifetimes. Flexible processing options and features make the **Mega 86W** ideal for cleaning mass-produced bulk components and 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

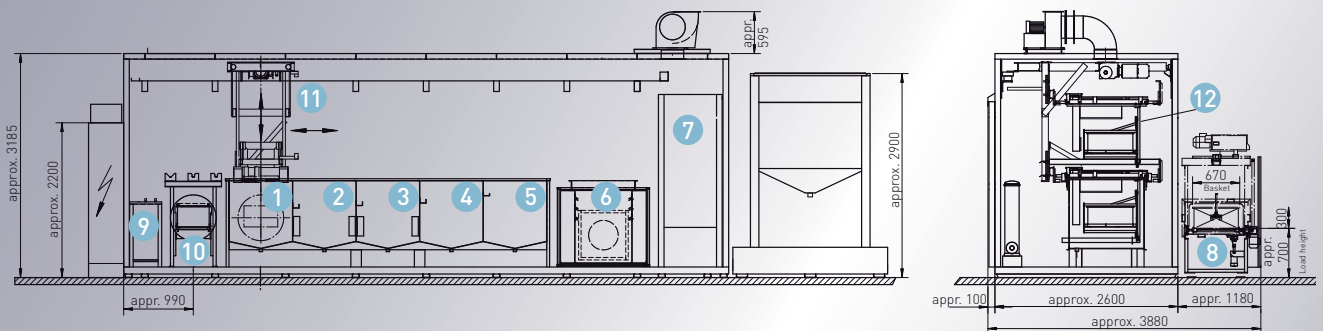
- » Extra rinsing baths
- » Filtration units
- » Injection flood washing
- » Ultrasonic unit
- » Vacuum drying
- » Deionization system for rinse water treatment
- » Settling tank
- » Micro filtration for additional bath treatment
- » Automatic dosing unit

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

Technical Data

OUTSIDE DIMENSIONS OF THE SYSTEM	
Length	8,000 mm
Width	2,600 mm
Width with automatic conveyor	3,880 mm
Height	3,200 mm
Total weight filled	11,000 kg
BASKET	
Length max.	670 mm
Width max.	480 mm
Height max.	300 mm
Batch weight max.	200 kg
Throughput depending on work sequence and treatment time required	approx. 8 – 18 batches/h
Connected load	3 x 400 V/50 Hz
TOTAL LOAD	
According to equipment	106 – 145 kW
Bath capacity	approx. 550 l each
WORKING TEMPERATURE	
Washing, rinsing	50 – 80 °C
Drying temperature	130 °C



- 1 Tank 1
- 2 Tank 2
- 3 Tank 3
- 4 Tank 4
- 5 Tank 5 (OPTION)
- 6 Circulation dryer
- 7 AQUACLEAN
- 8 Condensate tank

- 9 Oil separator
- 10 Frame loader
- 11 Lift truck and trolley
- 12 Rotary drive with rotation frame



LEADING IN PRODUCTION EFFICIENCY

Dürr – Leading in Production Efficiency

Four divisions, one goal: maximum production efficiency for our customers

- » **Paint and Assembly Systems:** Paint shops and final assembly plants for the automotive industry and aerospace construction
- » **Application Technology:** Robot and application technology for applying paint, adhesives and sealants
- » **Measuring and Process Systems:** Balancing technology, cleaning technology and testing, filling and assembly products
- » **Clean Technology Systems:** Exhaust air purification systems, energy efficiency technologies

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