

EcoCMax



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EcoCMax is a highly efficient cleaning system that offers two outstanding characteristics. Its extensive equipment provides a wide range of applications in cleaning parts aimed at customers' present and future needs. Additionally, the consistently high treatment performance of the cleaning media guarantees a stable bath quality and thus reliable cleaning results.

EcoCMax is a single-chamber aqueous cleaning system. A 3-stage cleaning process, including drying, takes place in the vacuum-proof work chamber. The set-up of the cleaning program can easily be adjusted to accommo-

date the degree or type of workpiece contamination. Whether for removing persistent dirt or fine cleaning, the flexible application of spray washing, injection flood washing (IFW) and ultrasonic cleaning – individually or in combination – ensures the cleanliness of parts in all cases.

Furthermore, the consistently high treatment performance of the cleaning media is outstanding. The filter system and cascade guidance can be flexibly adjusted by the operator. The system provides a consistently stable bath quality and thus reliable cleaning results. 



Equipment and process

- Single-chamber cleaning system with 3-stage cleaning process and drying in a vacuum-proof work chamber
- Flexible adaptation of the cleaning program with spray cleaning, injection flood washing (IFW) and ultrasonic cleaning, usable in all combinations depending on requirements
- System is fed from the front, manually or automatically
- Permanent high-quality cleaning media condition due to systematic treatment performance:
 - Full-flow filtration during the filling and emptying of the chambers along with continuous bypass filtration for the flood tanks
 - Integrated oil separator for treating the cleaning baths
 - Evaporator with heat recovery for the treatment of the rinsing baths (AquaClean System)



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Technical data

Outside dimensions of the system

Width	6,000 mm
Depth	2,000 mm
Height	2,500 mm
Feed height	approx. 850 mm

Basket

Length	670 mm
Width	480 mm
Height	300 mm

Batch weight

(Fine cleaning max. 50 kg)	max. 150 kg
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Throughput

with 3-stage cleaning process with hot air and vacuum drying	up to 7.5 batches/h
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Working temperature

Cleaning	up to 80 °C
Drying	up to 140 °C
Capacity of system	approx. 1900 l

Connected load	3 x 400 V / 50 Hz
Total load	80 kW

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