

The Basic Solution

EcoCbase S | EcoCbase M

The EcoCbase series offers the ideal entry point into solvent cleaning – compact, economical, and suitable for smaller capacities.



The EcoCbase series stands for powerful and economical parts cleaning with non-halogenated hydrocarbons and modified alcohols. These cleaning media enable the reliable removal of oils, greases, emulsions, and chips—efficiently and reliably.

The systems are used both between and after manufacturing processes and are ideal for small businesses with lower capacities as well as for decentralized cleaning stations in larger production environments.

The EcoCbase series is the ideal entry point into cost-efficient solvent cleaning – flexible, sustainable, and tailored to your requirements.

+ Tried and tested entry-level solution:

Benefit from Ecoclean's many years of expertise – also with compact systems for smaller batches and limited production volumes.

+ Flexibly adaptable:

For a wide range of applications, from preliminary cleaning to intermediate cleaning and final cleaning

+ Future-proof system concept:

Suitable for use with hydrocarbons and modified alcohols.

+ Small installation size:

Compact design allows installation even in rooms with low ceilings (EcoCbase S: > 2 m height, 1.4 m width)

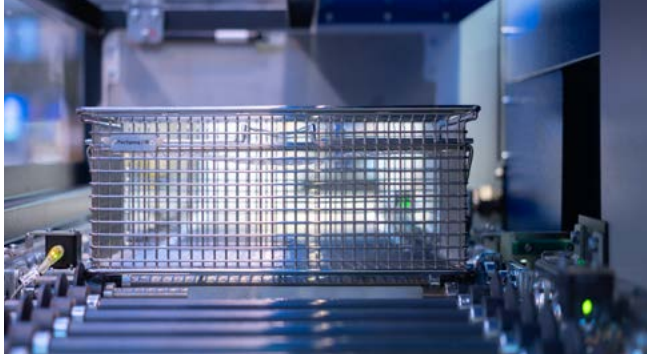
+ Advanced features:

Options such as Pulsated Pressure Cleaning (PPC), Ultrasound Plus, and automatic oil discharge (with EcoCbase S) ensure process reliability and efficiency.

+ Energy-efficient process design:

New heat recovery features help reduce energy consumption and operating costs.





SYSTEM TECHNOLOGY AND PROCESSES

- Single-chamber full vacuum cleaning system for cleaning components with hydrocarbons and modified alcohols
- Vacuum process for cleaning, distillation, and drying; filling/emptying via built-in vacuum technology
- Multiple monitoring of safety-related temperatures and pressures in the containers
- Double full-flow filtration, bypass
- Heat recovery
- 1-tank or 2-tank system
- Combinable cleaning methods: spray cleaning, immersion/ injection flood washing, ultrasonic cleaning
- PPC (Pulsated Pressure Cleaning) and Ultrasound Plus (US+)
- Front loading of the working chamber, manual or automatic
- Movement of goods to support the cleaning and drying effect
- Continuous separation of light distillates and water
- Automated oil discharge to reduce downtime
- PLC control (Siemens) for individual programming of process sequences
- Error diagnosis via plain text display on the control panel
- Maintenance with Remote Service
- Optional water or air cooling possible
- Optimized installation dimensions, taking into account maintenance-friendly aspects
- Design packages available

TECHNICAL DATA

EcoCbase Series	EcoCbase S	EcoCbase M
External dimensions (LxWxH), approx.	2,000 x 1,400 x 2,140 mm	2,500 x 1,600 x 2,300 mm (1-Tank)
Transport height, approx.	1,940 mm	2,100 mm
System weight, approx.	2,500 kg	2,500 kg
Batch size (LxWxH)	380 x 220 x 200 mm	530 x 320 x 250 mm
Batch weight, max.	30 kg	50 kg
Throughput	4 - 8 batches/h	4 - 8 batches/h
Heating output	6 kW	6 kW
Total connected load, approx.	18 kW	18 kW
Electrical connection	3x 400 V/ 50 Hz	3x 400 V/ 50 Hz
Filling capacity, approx.	1-Tank: 200 l 2-Tank: 280 l	1-Tank: 300 l
Cooling	Cold water / optional: air cooling	Cold water / optional: air cooling
Vapour degreasing	yes	yes
Process	Hydrocarbon & modified alcohol	Hydrocarbon & modified alcohol