

EcoCbase C2/P2

The Basic Solution



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The Basic Solution

The EcoCbase C2 uses non-halogenated hydrocarbons as highly effective cleaning media for removing oils, greases, emulsions and swarf. The machine can be used between or after manufacturing processes, either in small factories with comparatively low production capacities or in large factories with decentralised cleaning stations.

Even greater flexibility is offered by the EcoCbase P2, which uses polar and partially polar solvents.

Removal of large quantities of oil or swarf from mass produced parts or particles of dirt with a defined size in fine cleaning can be achieved by selecting the appropriate filtering system and other application-dependent optional extras.

Equipment and process

- Cleaning and drying process in an enclosed working chamber
- Circulation filtration
- Bypass filtration
- Spray cleaning
- Emulsion separation
- Manual or automatic feed of the working chamber from the front
- Multiple monitoring of safety-relevant temperatures and pressures in the tanks
- Rotational and swivel movement to assist cleaning and drying process
- Continuous separation of low boiling substances and water
- Siemens S7 compatible control for individual programming of the process sequences
- Error diagnosis via plain text display on operator control panel
- Large maintenance and cleaning openings in the tanks
- Closed system housing with maintenance doors for optimum access

Technical data

OUTSIDE DIMENSIONS OF THE SYSTEM

Width basic machine	2,300 mm
Width incl. additional module for distillation & pre-wash tank	2,800 mm
Depth	1,600 mm
Height	2,000 mm
Feed height	850 mm

BASKET

Length	530 mm
Width	320 mm
Height max.	200 mm
Batch weight max.	50 kg
Throughput depending on work sequence and treatment time required	approx. 7 charges/h

BASIC SYSTEM

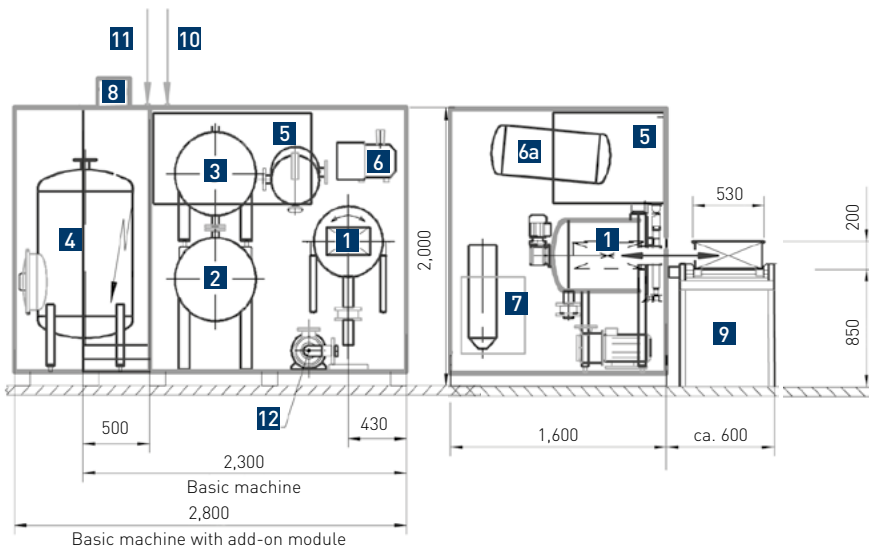
Motor power	9 kW
Heating power	9 kW
Total load	18 kW
Connected load	3 x 400 V/50 Hz

SOLVENTS WHICH CAN BE USED

Aliphatic and naphthenised hydrocarbons as well as polar and partially polar solvents, non flammable (other solvents possible)

CAPACITY OF BASIC SYSTEM

With 1 flood tank	approx. 230 l
Distillation unit	approx. 135 l



- 1 Working chamber
- 2 Flood tank I
- 3 Flood tank II (OPTION)
- 4 Vacuum distillation unit (OPTION)
- 5 Refrigeration unit
- 6 Vacuum unit
- 6a Drying condenser
- 7 Water separator
- 8 Ultrasonic unit (OPTION)
- 9 Manual feed (OPTION)
- 10 Electrical feed
- 11 Compressed air connection
- 12 Non-chokable pump

+ Sophisticated, redundant safety equipment

+ Standard application non-flammable solvents

+ Other solvents possible

+ Vacuum distillation for optimal solvent preparation

+ Double solvent filtration during filling and emptying of working chamber

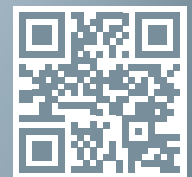
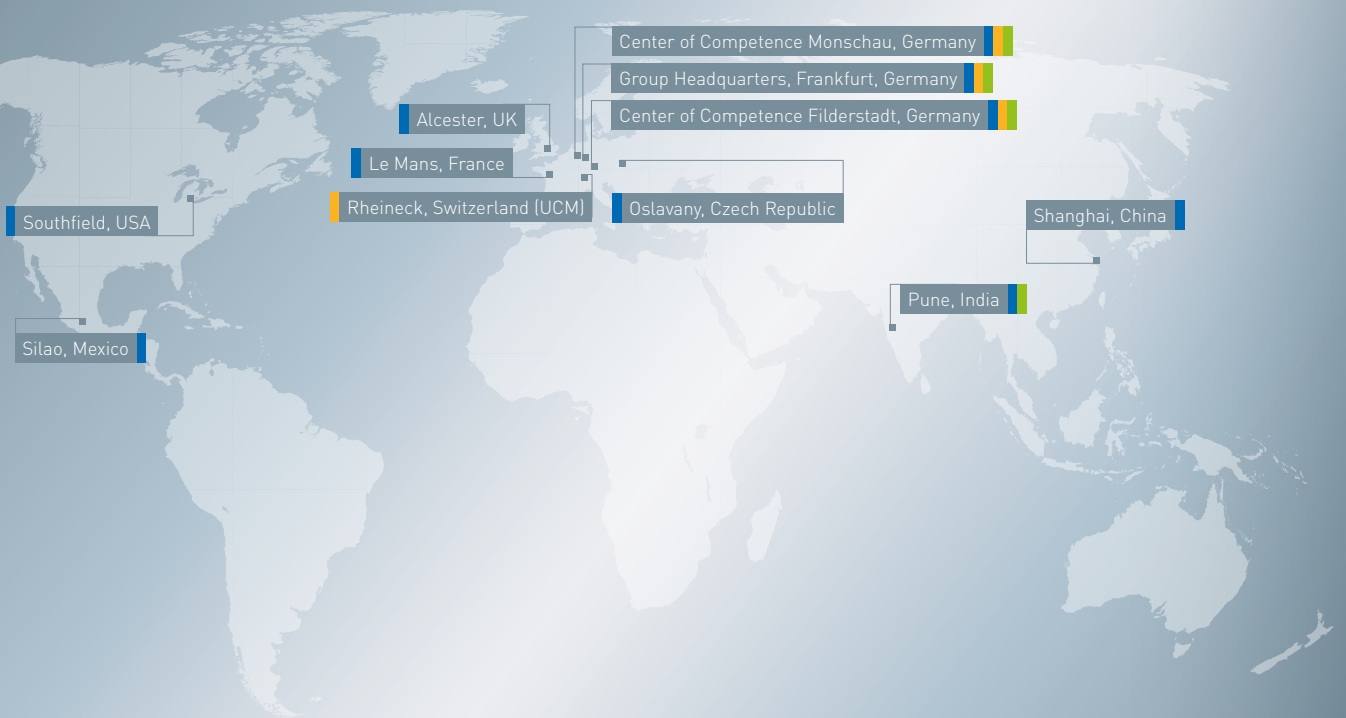


Optional extras

- Minimized energy input through heat recovery
- Continuous solvent treatment (vacuum distillation)
- Second flood tank for pre-cleaning including distillation
- Combination filter for bag (Topline) or cartridge filter
- Ultrasonic device with simultaneous filtration (10/20 W/l)
- Manual feed



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