

# EcoCBase C2



The Basic Solution



Ecoclean

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## The Basic Solution

The EcoCBase 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.

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
- Injection flood washing
- 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

## 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 (10 / 20 W/l)
- Automatic feed
- Manual feed



## Advantages

- Sophisticated, redundant safety equipment for using solvents with a flash point > 55° C
- Vacuum distillation for optimal solvent preparation
- Double solvent filtration during filling and emptying of working chamber

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## Technical Data

### Outside Dimensions of the System

Width basic machine	approx. 2.300 mm
Width incl. additional modul for distillation & pre-wash tank	approx. 2.800 mm
Depth	approx. 1.600 mm
Height	approx. 2.000 mm
Feed height	approx. 850 mm

### Basket

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

**Connected Load** 3x400V/50Hz

### Basic System

Motor power	approx. 9 kW
Heating power	approx. 9 kW
Total load	approx. 18 kW

### Solvents which can be used

Aliphatic and naphthenised hydrocarbons, flash point > 55°C

### Capacity of Basic System

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

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