

# The Compact Solution

Minio 85C



**ECOCLEAN**  
*technology that inspires*

# The Compact, Low-Cost Solution that Takes Up Minimal Space

As highly effective cleaning media, non-halogenated hydrocarbons allow safe and economical use of solvents for removing oils, greases and swarf between or after manufacturing processes. Both small companies, with comparatively low production capacities, and large companies, with decentralized cleaning stations benefit from the sophisticated process technology of the Minio 85C.

Many different processing options are available with immersion, vapor degreasing and vacuum drying providing optimal conditions to meet the requirements expected of modern manufacturing processes in terms of quality and functionality. This small system, with a suitably sized basket, is generally operated with double filtration (flood tank – working chamber and working chamber – flood tank).

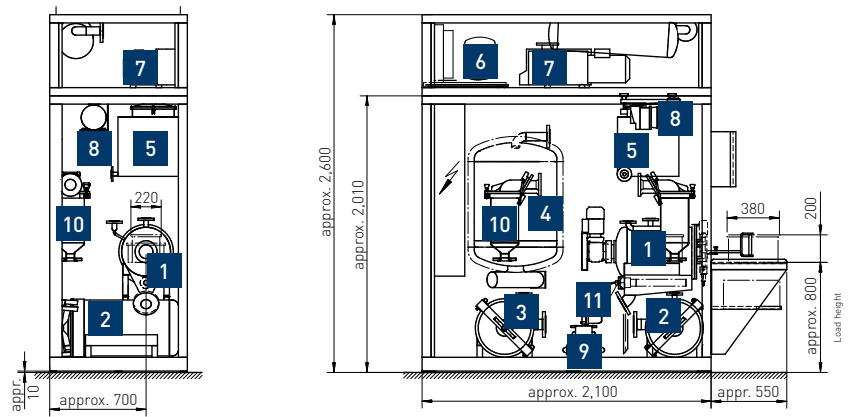
- + Sophisticated, redundant safety equipment
- + Standard application non-flammable solvents
- + Other solvents possible
- + Virtually emission-free operation, environmentally-friendly process
- + Cooling water-free operation due to air-cooled condensers
- + Water cooling possible
- + Vacuum distillation for optimum solvent treatment
- + Double filtration during filling and emptying of the working chamber



## OPTIONAL EXTRAS

- Ultrasonic unit
- Modem
- Visualization

- 1 Work chamber
- 2 Flood tank I
- 3 Flood tank II
- 4 Vacuum distillation
- 5 Water separator
- 6 Cooling unit
- 7 Vacuum unit drying
- 8 Process vacuum unit
- 9 Flood pump
- 10 Filter
- 11 Ultrasonic unit (OPTION)



## Equipment and process

- Cleaning and drying process in a closed work chamber
- Second flood tank for fine cleaning
- Circulation filtration with high-power injection flood washing
- Manual work chamber loading at the front
- Manual door lock on the work chamber
- Multiple monitoring of safety-relevant temperatures and pressures in the tanks
- Rotation and swivel movements of the parts baskets to support the cleaning and drying effect
- Continuous solvent treatment by vacuum distillation
- Siemens S7 control system for customised programming of the processes
- Error diagnosis with plain text display on the control panel
- Minimization of energy input due to heat recovery
- Amplified maintenance and cleaning openings in the tanks
- Closed equipment housing with maintenance doors for optimum access

## Technical data

### OUTSIDE DIMENSION OF THE SYSTEM

<b>Width</b>	1,000 mm
<b>Depth</b>	2,100 mm
<b>Depth with manual loading</b>	2,650 mm
<b>Height</b>	2,600 mm
<b>Loading height</b>	800 mm

### BASKET

<b>Length</b>	320 – 380 mm
<b>Width</b>	220 mm
<b>Height max.</b>	150 – 200 mm
<b>Batch weight</b>	50 kg
<b>Throughput depending on work sequence and treatment time required</b>	approx. 9 batches/h

<b>Connected load</b>	3 x 400 V/50 Hz
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### BASIC SYSTEM

<b>Motor power</b>	13 kW
<b>Heating power</b>	6 kW
<b>Total connected load</b>	19 kW

### SOLVENTS WHICH CAN BE USED

Aliphatic and naphthenic hydrocarbons, non flammable (other solvents possible)

<b>Filling capacity</b>	approx. 400 l
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## Our Locations Worldwide



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