

Compact 80S



The Universal Solution



EcoClean

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Use of chlorinated hydrocarbons in the cleaning of industrial parts is being questioned increasingly, particularly on account of the very rapid change in legislation. Nevertheless, chlorinated hydrocarbon cleaning systems are frequently the optimum solution for applications where excellent results have to be achieved for various materials with different degrees of soiling and different throughputs.

For such universal fields of application the Compact 80S cleaning system is ideal owing to its new process-air flow displacement (PAFD). As a state-of-the-art system solution the Compact 80S cleaning system meets all the requirements for quality of cleaning, user-friendly operation, industrial safety and environmental protection.

Equipment and Process

- Cleaning and drying process in a vacuum-proof, closed work chamber
- Circulation filtration
- Spray washing
- Work chamber is fed from the front, manually or automatically
- Automatic work chamber door locking
- Multiple monitoring of safety-relevant temperatures and pressures in the tanks
- Rotation and swivel movements to support the cleaning and drying effect
- Patented Process Air Flow Displacement into storage cell
- No activated charcoal filter required
- Continuous solvent treatment by integrated vacuum distillation
- Residual distillation unit
- Water separation
- Siemens S7 control system for custom programming of process sequences
- Error diagnosis via plain text display on operator control panel
- Closed system housing with maintenance doors for optimum access

Optional Extras

- Second flood tank for fine cleaning or preservation
- Ultrasonic unit
- Automatic feed
- Automatic basket lid placement



Advantages

- Efficient vacuum drying for complex workpiece geometry
- Exhaust air-free operation due to Process Air Flow Displacement
- Operation of system without any shift limitations
- Cooling water-free operation due to air-cooled condensers
- Water cooling possible
- Vacuum distillation for optimum solvent treatment

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Technical Data

Outside Dimensions of the System

Width	approx. 4,120 mm (162.2")
Depth	approx. 1,600 mm (63")
Depth with automatic feed	approx. 2,950 mm (116.1")
Height	approx. 2,650 mm (104.3")
Feed height	approx. 850 mm (33.5")

Basket

Length	approx. 530 mm (20.9")
Width	approx. 320 mm (12.6")
Height	approx. 200 mm (7.9")
Batch weight max.	75 kg (165 lb.)

Throughput depending on work sequence
and treatment time required approx. 11 batches/h

Connected Load 3x400V/50Hz (3x480V/60Hz)

Standard System

Motor power	approx. 14 kW
Heating power	approx. 17,5 kW
Total load	approx. 33,5 kW

Solvents which can be used

Trichlorethylene/Perchloroethylene

Capacity of Standard System

With 1 flood tank approx. 350 l (92.5 gal.)

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