



SINGLE CHAMBER FLOODING FACILITIES FOR NONHALOGENATED SOLVENTS AND MODIFIED ALCOHOLS

- Redundant, system-independent design of the querying procedure for safety relevant parameters such as pressures and temperatures
- Extermination of the work chamber door seal before every work cycle
- TÜV-verified safety concept
- Energy-saving construction (heating of flood tanks achieved by heat recovery via solvent vapour)
- Facility configured for use of nonhalogenated solvents or modified alcohol



Cleaning facility „advantage“ for standard applications

FIELDS OF APPLICATION

Halogen-free solvents, so-called hydrocarbons, show similar cleaning properties as the classic chlorinated hydrocarbon solvents and therefore are eminently suitable for degreasing tasks. However, if the facility is correspondingly equipped, ultra-fine cleaning tasks are also easy to perform.

*experienced
competent
environment-conscious*



FACILITY TECHNOLOGY

The closed facility system is operated under vacuum, resulting in a cleaning process working above the flash-point of the solvent, therefore obtaining optimum cleaning and drying results.

Tightness of the facility system is monitored during facility operation via the constantly applied vacuum.

The parts are placed in baskets and cleaned in a hermetically sealed working chamber. The cleaning is effected by flooding the working chamber with hot solvent, either with pressure media circulation and/or ultrasound followed by steam degreasing.

An internal distillation facility ensures continuous conditioning of the cleaning media fed into the circuit. The cleaned parts are dried by means of vacuum in the working chamber.

The energy for conditioning the cleaning media via distillation is recycled several times by means of heat recirculation, thus ensuring minimal running costs due to the long life time of the solvent.

EQUIPMENT VARIANTS

- Special sizes according to customer requirements
- Automatic loading and unloading device
- Ultrasound, media circulation or pressure media circulation device
- Additional storage tanks for high purity requirements or for preservation
- Integrated vacuum bypass distillery for continuous oil discharge (residual distillation)

TECHNICAL DETAILS

	RCTS 037-022-020	RCTS advantage	RCTS 067-048-030
Basket size [mm]	370x220x200	530x320x200	670x480x300
Throughput [Ch/h]	approx. 7	approx. 9	approx. 10
Batch weight [kg]	30	50	120
Set-up area of basic facility [mm]	2.120 x 1.240	2.850 x 1.400	4.000 x 2.000
Connected load [kW]	approx. 16	approx. 19	approx. 50

OUR DELIVERY RANGE

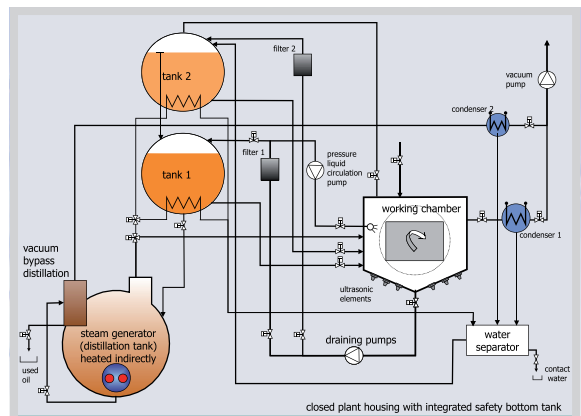
Cleaning and degreasing facilities for aqueous media, halogenated and nonhalogenated solvents.



Standard facility for basket size 670x480x300 mm



Special facility with a throughput of up to 75 baskets an hour



Schematic drawing RCTS process sequence



Our factory premises in the valley of the Enz Valley