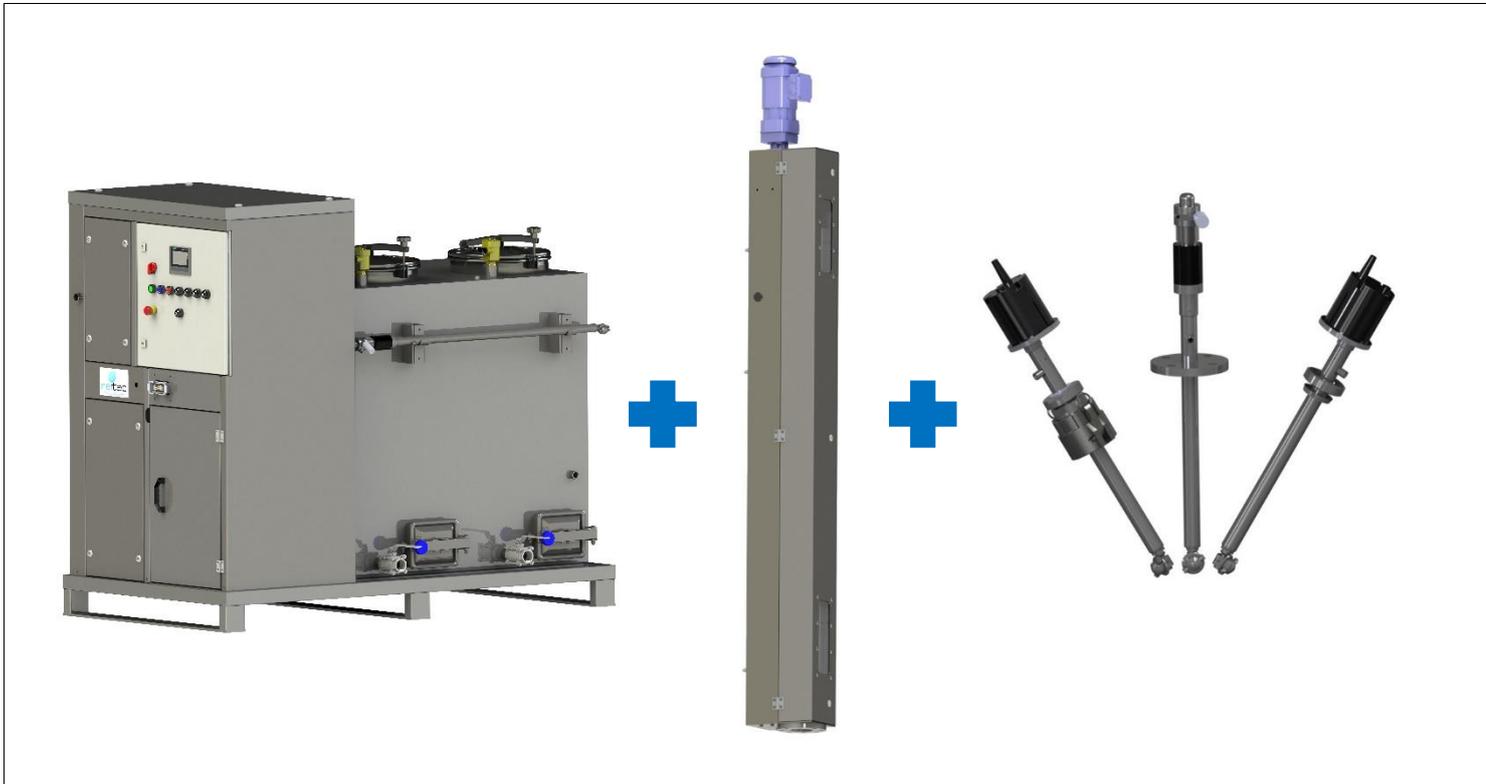


# High pressure solvent pump



- Washing and rinsing in circulation
- Integration into existing process flows
- Version according to ATEX for the Ex area zone 1

## High pressure solvent pump



### DESCRIPTION

The two reservoirs (washing and rinsing) with level monitoring are installed and piped parallel to the motor-pump combination.

The return line from the tank outlet of the tank to be cleaned is connected to the suction connection of the diaphragm pump on the pump unit. The membrane pump conveys the cleaning medium via the first valve unit either into a separate tank provided by the customer or via a second, downstream unit, depending on the program either via a filter into the washing tank or into the rinsing tank.

All ball valves are pneumatically driven.

Both storage tanks are each equipped with a manhole cover, a dirt flap and a ball valve on the bottom outlet.

The cleaning medium is supplied to the high-pressure pump via a 3-way ball valve. On the pressure side, the high-pressure pump is connected to the corresponding cleaning device or moving unit via supply lines via pipeline or hose. The command and signaling devices required for operation are installed on the cleaning station itself.

Optionally, the system can also be switched on and off via a wired remote control and also stopped in an emergency.

# High pressure solvent pump

## FEATURES

- Washing and rinsing in circulation
- automatic program run over freely adjustable times
- Residual emptying into on-site containers
- additional suction from external containers
- Integration into existing process flows
- Operation with different cleaning media
- Version according to ATEX for the Ex area zone 1

## TECHNICAL SPECIFICATIONS

- **Pump:**  
Piston diaphragm pump, stainless steel pump head, PTFE diaphragm,  
Flow rate 50 l/min. at 50 bar
- **Power supply:**  
Drive motor: 6.6kW, voltage: 400V/ 690V, protection class: IP54
- **Ex protection:**  
EEExII T3 with safety valve,  
Pressure switch to avoid pressure peaks over (~ 50 bar) and under pressure switch  
(~ 20 bar - "hose rupture protection and dry-running protection"),  
Membrane book monitoring according to ATEX integrated in the control
- **Dimensions:**  
approx. 1900x1000x1500mm LxWxH
- **Tank contents:**  
Wash tank: 400l, rinse tank: 200l
- **Weight (empty):** 600kg

## ACCESSORIES FOR CLEANING EQUIPMENT

- Orbital cleaners with different drives such as electric, pneumatic, hydraulic
- Cleaning devices in various materials such as stainless steel, titanium, Hastelloy
- Cleaning devices in Ex design
- Traversing units can be moved pneumatically or via a spindle in an Ex version