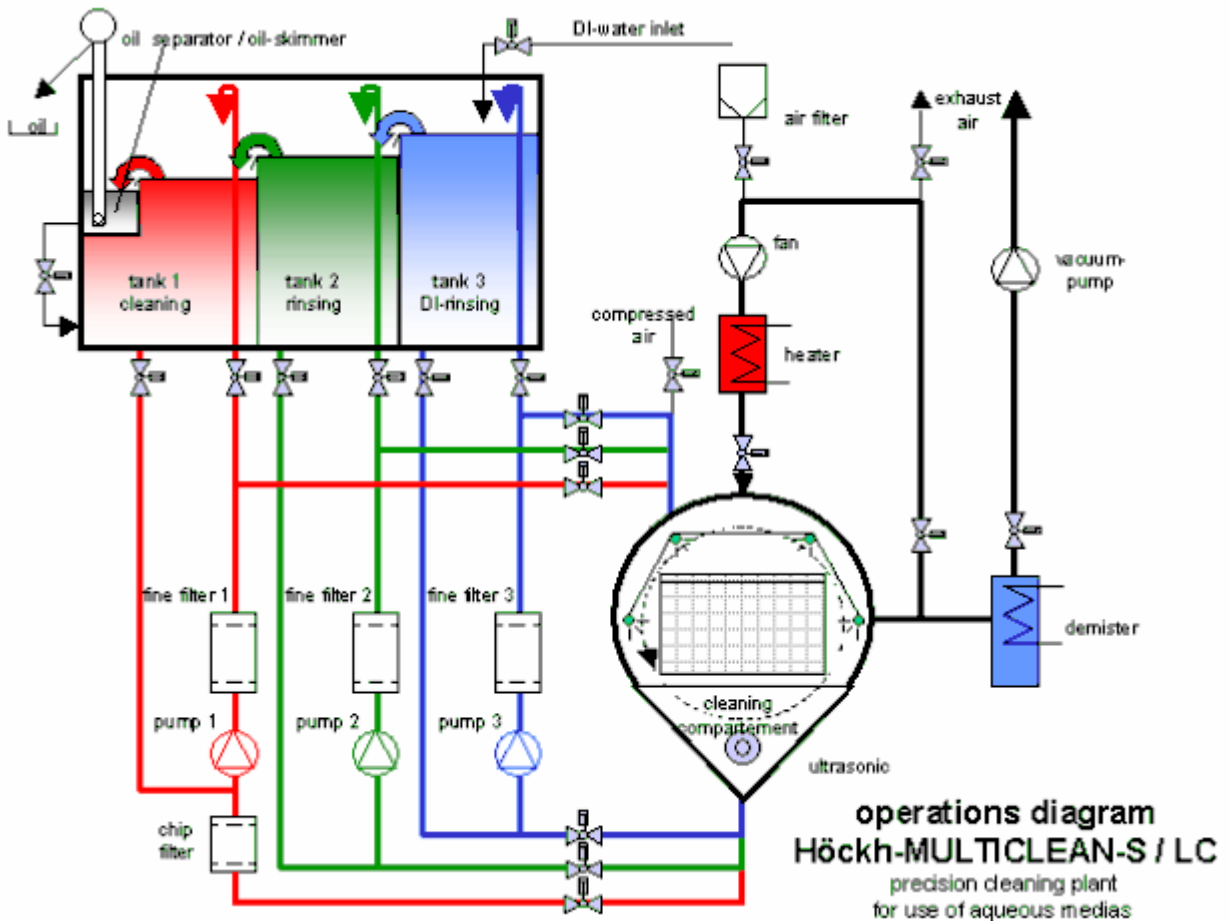


Process description MULTICLEAN-S



Typical washing cycle of a MULTICLEAN-W plant for parts cleaning with aqueous media:

- **Loading**
Alternative manual or automatic loading by load carrier
- **Wash from reservoir 1**
By means of a pump the washing media is pumped from reservoir 1 to the process compartment. Depending from plant type several technologies are available:
 - a) The goods are flooded from above through a special slot at the top of the compartment over the whole length of the load till the operating level of the compartment is reached. Additionally the cleaning can be supported by use of ultrasonic (option) and/or Turbo Jet.
 - b) The parts are sprayed by a spray headers arranged on the process compartment perimeter.
 At the end of the cycle the washing media is pumped back in the reservoir by passing through a fine filter.
- **Post-wash from reservoir 1**
A short spray operation rinses the parts and removes particles from the surface and cleans the outlet of the chamber.
- **Rinse from reservoir 2**
As above, but with media from reservoir 2
- **DI-water rinse from reservoir 3 (option)**
As above, but with DI-water from reservoir 3.
A rinse process with DI-water is always necessary when spot-free parts are required.
- **Hot air drying**
The goods are dried with warm air
- **Vacuum drying**
By further depression of the process compartment the water evaporates from the parts. Afterwards the chamber is aerated to ambient atmosphere.
- **Unloading**