

Centrifuge-based cleaning systems

Tasks

Centrifuge-based cleaning systems are ideal where large quantities of bulk parts must be cleaned, degreased or dephosphated. In this case, high productivity is ensured even with very frequent batch changes.

Principle of operation

The bulk parts to be cleaned are dosed from large containers into centrifuge baskets. These are picked up by automatic lifting trolleys and handed over to individual processing stations.

An equivalent process can be configured as follows:

Dosing out in centrifuge basket - Oil recovery - Degreasing - Dephosphating - Rinsing step 1 - Rinsing step 2 - Rinsing step 3 - Drying - Yielding

Centrifuge-based cleaning systems feature a modular design and can be expanded anytime.

Advantages

- Excellent cleaning results
- Virtually no mixing of parts as they remain in the same basket during the whole process
- Modular design
- Low risk of parts damage
- High productivity even with frequent batch changes
- Very large flexibility in the range of components
- Little water consumption
- Very long bath lifetimes

Examples of use

- As a central cleaning system
- As a pretreatment before coating processes
- Cleaning and dephosphating before annealing
- Cleaning between different production steps

Range of components

- Screws
- Nuts
- Rivets
- Stamped and bent parts
- Turned parts

