

Drum continuous flow cleaning systems

Tasks

Drum continuous flow cleaning systems are ideal where parts are cleaned in a line between two processes. Moreover, these machines are particularly suitable when large batches of a part type are subjected to a cleaning process.

Forplan offers a very large array of drum continuous flow cleaning systems.

Principle of operation

Bulk goods are transported by means of a dosing unit into a rotating drum in which an Archimedean spiral brings the parts forward. In the drum, the parts are sprayed with large amounts of washing solution kicking off the cleaning process, which is supported by the parts mutual rubbing.

An equivalent process using an Archimedean spiral can be configured as follows:

Degreasing - Dephosphating - Rinsing step 1 - Rinsing step 2 - Rinsing step 3 - Drying

Advantages

- Excellent cleaning results if properly configured
- Direct link between different production steps
- Good value purchase

Examples of use

- Inline cleaning between pressing and rolling
- Cleaning and dephosphating before annealing
- Cleaning after pressing
- Cleaning after rolling
- Cleaning as a pretreatment before coating

Range of components

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

