

Oil recovery systems

Tasks

Forplan oil recovery systems are used to collect the oil used in production processes, making it possible to re-use up to 95 percent thereof. Furthermore, by centrifuging, large amounts of oil can be prevented from affecting subsequent cleaning processes and reducing bath lifetimes. Therefore, oil recovery feature great potential savings.

Principle of operation

Oily parts are fed continuously or in batches into centrifuge baskets. In deoling centrifuges, parts are spun at high speed, so that oil detaches from them via centrifugal forces.

To spin off highly viscous oils, parts can be heated during the centrifugal operation.

Advantages

- Cost savings through lower oil consumption
- Longer bath lifetimes due to smaller oil input
- No oil spills in transport boxes
- No dirty indoor surfaces or loading areas because of leaky transport containers

Examples of use

- Oil recovery directly after pressing
- Oil recovery directly after rolling
- Oil recovery before the cleaning process
- Oil recovery after the quenching bath

Range of components

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

