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Drying centrifuges

Tasks

Dryer centrifuges are used to galvanically dry refined, washed or coated parts. To do so, clearly definable as well as most uniform part temperatures must be reached and water-created recesses reliably dried without any moisture remaining on them.

Principle of operation

Depending on the basket diameter, drying centrifuges spin parts at a speed of 350 to 700 revolutions per minute. This results in a large amount of liquid being removed without evaporating, which entails very low water consumption. For the parts to be rolled, the centrifuge is slanted by up to 60 degrees after spinning according to need. At the same time, hot air is blown onto the parts to be treated by means of fans, thereby drying them uniformly and gently.

Advantages

- Very efficient thanks to spinning with high centrifugal forces
- Tilt position allowing for uniform heat distribution
- No material build-up on adding sections
- Automatically loading and unloading
- Good value purchase

Examples of use

- Drying after galvanising
- Baking of lubricant coatings
- Drying after cleaning or dephosphating

Range of components

- Screws
- Nuts
- Rivets
- Stamped and bent parts
- Springs
- Ring washers