



EIRICH

Preparation of products with various consistencies in a single machine

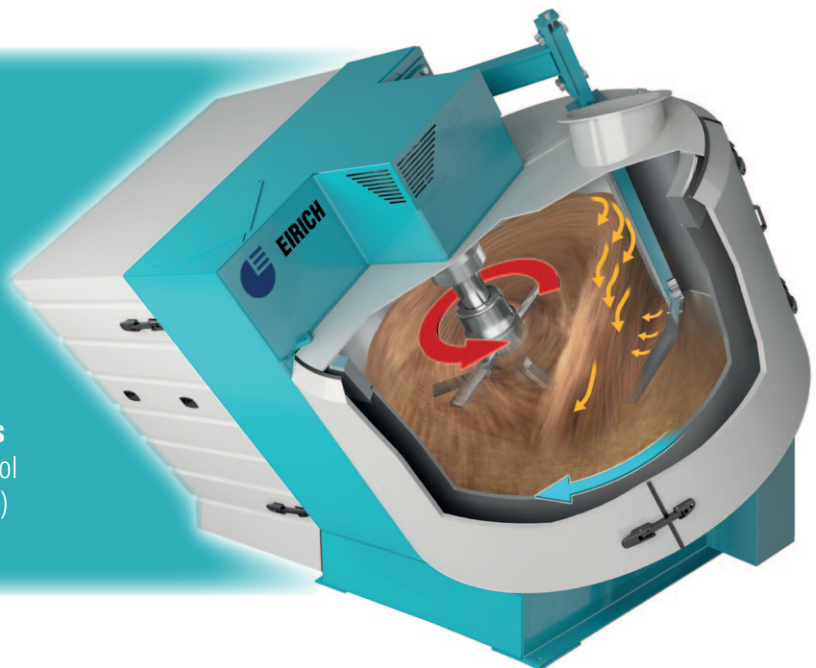
- in the ceramic industry
- in the refractories industry
- in the building industry
- for any other applications

The unique working principle

Rotating mixing pan
for material transport

Variable-speed mixing tool, slow to fast
for mixing, granulating, kneading, disagglomerating

Separation between material transport and the mixing process
This allows the speed of the mixing tool (and thus the power input into the mix) to be varied within wide limits.



This working principle offers the following options:

- The mixer is suitable for mixing as well as granulating, kneading and dispersing
- It is possible to use one and the same mixer for producing products with various consistencies, such as
 - dry mixes
 - granules
 - press bodies
 - plastic bodies
 - dispersions
- Mixing without separating the mixture: 100 % material agitation on each revolution of the mixing pan
- Optimal mixing results without measuring heads rotating at high speeds

Further advantages:

- Substantially simplified production systems, no duplicate inventory, feeding, and weighing
- It is often possible for several production stages performed one after the other in various units to be carried out in a single machine
- Short process times
- Cooling in the mixer is possible
- Heating the mixer is possible
- Mix temperatures of up to 250°C are possible
- Sizes from 1 liter

**Top-name manufacturers around the world work with EIRICH mixing technology.
We would be glad to provide references on request. EIRICH is a research partner for universities.
Put us to the test. We would be glad to tell you more.**

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MIXING TECHNOLOGY