EIRICH

Preparation Technology for Hardmetal

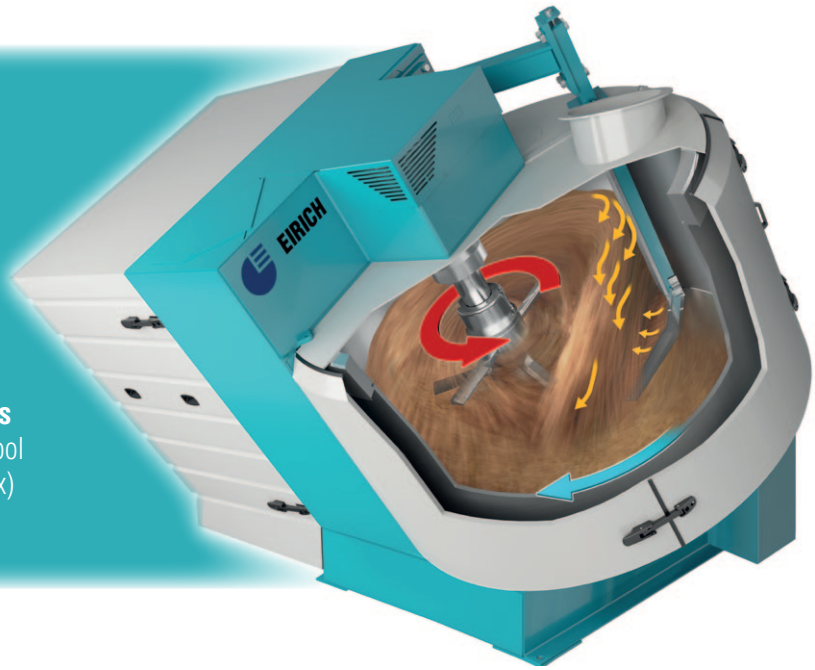
- **Kneading of extrusion mixes**
- **Vacuum drying of suspensions**
- **Powder coating with binders and sliding agents**

The unique working principle

Rotating pan
for material transport

Variable-speed mixing tool, slow to fast
for mixing, kneading, etc.

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:

- Mixing, granulating, coating, kneading, dispersing in one and the same mixer
- Effective power input, intensive mixing and kneading work
- Mixing without segregation of material components
- Disagglomerating of very fine materials
- Mixing without dead spaces in the mixer
- Short process times
- Mixing, drying and kneading nearly without contamination through metal abrasion (hardmetal tool design available)

Further advantages:

- Plasticizing with paraffin wax / celluloses or synthetic polymers within a few minutes
- Vacuum drying, heat input by contact heating or friction
- Operation under inert gas or explosion protection possible
- Plasticizing / hot coating at material temperatures of up to 250 °C

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

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