EIRICH

Preparation Technology for Sintered Metal

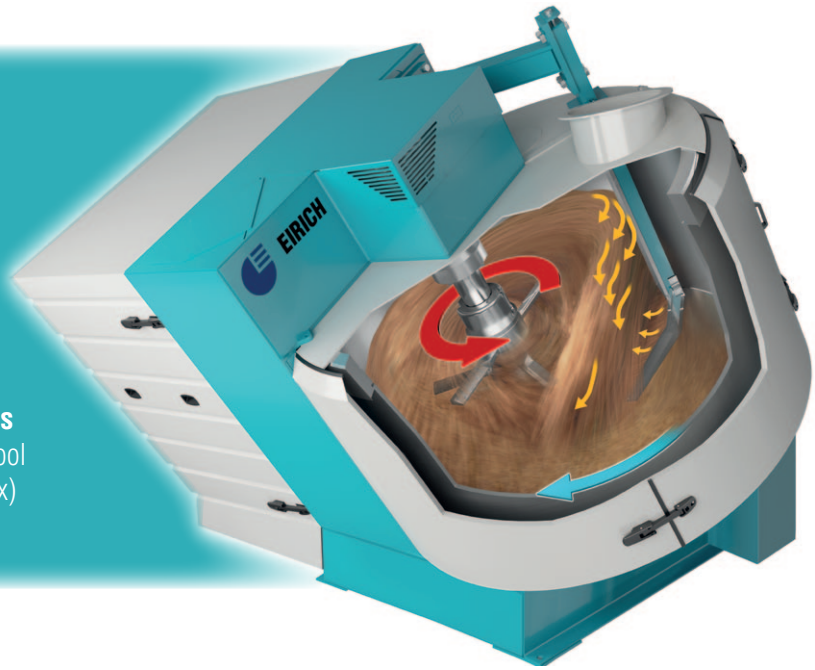
- **Spraying compounds (in ≤ 30 minutes)**
- **Press bodies of suspensions**

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
- The design of the system ensures mixing and kneading nearly without contamination through metal abrasion
- The processing time of spraying compounds is reduced from 5 hours to 30 minutes
- Fast and easy drying of suspensions without a spray tower ("Rotary evaporator" from 5 liters up to 7000 liters)
- Metal powder coating even in the ppm range

Further advantages:

- Operation under inert gas, vacuum technology, user-defined temperature control (heating, cooling)
- Material temperatures up to 250 °C are possible

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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M 1836-2-en 09/2014