

Mixing Technology for Glass Batches

The unique working principle

Rotating pan

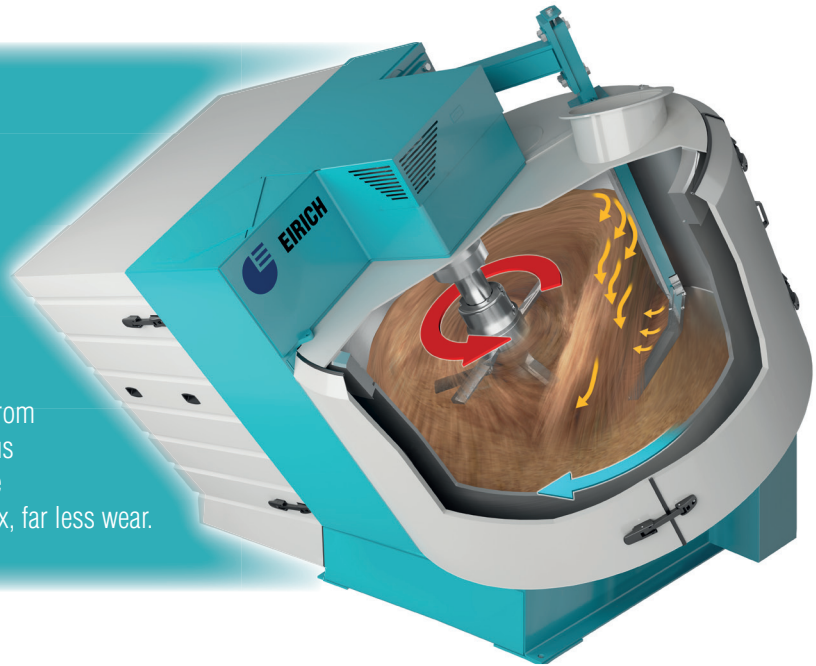
for transporting the process material

Variable-speed mixing tool, slow to fast,

for mixing and granulating

The results

Separation of the material transport from the mixing operation creates numerous advantages compared to other, simple mixing systems: a better quality of mix, far less wear.



This mixing principle offers the following options:

- At high tool speeds (compared to other mixing systems)
 - agglomerates are disintegrated to optimum effect
 - additives required in very small quantities are effectively mixed in without premixing
 - liquids (e.g. water, caustic soda, water glass, glycerin) are uniformly distributed
- The mixer is suitable not only for mixing but also for coating and granulating, that means granules can be produced in the mixer e.g. from filter dust
- Sequential mixing for future-orientated production
- Continuous intensive mixing, e.g. directly in front of the batch charger

Further advantages:

- Mixing cycles / mixing speeds adjustable to new technologies
- Demixing-free mixing without dead spaces in the mixer
- Raw materials with various densities and particle sizes can be mixed without difficulty
- Little wear compared to other mixing systems
- Easy steam addition

EIRICH customers tell from experiences:

- Short mixing time, unsurpassed homogeneity of glass batches, high quality and uniform reproducibility of mixes
- Ideal for „low iron“ task
- Better distribution of water
- Reduction of rejects thanks to better homogeneity of glass batches
- Increase of furnace pull without loss of quality
- Reduction of melting energy

**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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GLASS