

Preparation of Glass Batches

Eirich intensive mixers produce batches of greater homogeneity in shorter mixing cycles

- excellent batch quality
- reliable operation
- low maintenance





**worldwide unique
mixing principle**



A homogeneous batch The key to quality glass

Glass batches consist of many individual components which in some cases differ considerably in terms of their ratio in the formula,

- bulk density or specific density
- particle size distribution
- grain form, slubility and wetting characteristics
- tendency to form agglomerates

The main function of the mixing machine is to produce a batch of optimum homogeneity and lowest possible demixing tendency. Eirich intensive mixers are high performance machines adapted to the specific requirements of the glass industry. Whatever your application, with Eirich intensive mixers you will achieve excellent results in terms of batch homogeneity, availability and economy. Be it in production or for development and/or test purpose in the laboratory.

It's all in the mix!

The Eirich mixing principle with its special characteristics

1. rotating mixing pan
2. rotating mixing tool (rotor and/or shear depending on the application)
3. stationary multi-purpose wall-bottom scraper produces a verifiable better homogeneity of the mix.

Design advantages

- Good access to all components (no drives inside the mixing chamber)
- Low number of mixing tools
- Easy replacement of wear parts
- Application-specific choice of materials
- Long service life thanks to low wear (less contamination of the batch)
- High throughput rate
- Easy cleaning

Oractice-proven accessories

- Stationary stearn lance to heat the batch
- Individual wear protection





The range

The range of effective volumes is 1 liter for laboratory mixers up to 12000 liter for production machines.

Proven and trend-setting preparation technology

- Shorter mixing times increase the plant output
- Less reject due to improved homogeneity and de-agglomeration
- Replacement of simple mixing systems optimizes the premixing of minor components at low investment cost
- Direct addition of small and minor components into an Eirich master mixer increases the flexibility of the plant
- Pelletizing of dust, raw materials or batch reduce
 - mixing during transport
 - dust development at the batch charger and the melting furnace area
 - melting energy
- Sequential mixing for efficient melting
- Continuous mixers for secondary mixing and moistening directly upstream of the batch charger

Do you have any questions?

Please do not hesitate to contact us.



The Eirich Group, with Maschinenfabrik Gustav Eirich as its strategic centre in Hardheim, is a supplier of machines, plants and services for mixing technology, granulating/pelletising, drying and fine grinding. Our core competences are methods and processes for the preparation of pourable materials, slurries and sludges. We are a family-run company with 16 locations worldwide.

You can find more information on:

www.eirich.com