Vacuum mixers
Mixing, granulating, coating, kneading, dispersing, reacting, cooling, heating, drying (convection drying, hot vapor drying, contact drying), deaerating
All in one machine

Sizes from 1 l up to 7,000 l
Examples

5 liters
7,000 liters

Individual adaptation to specific applications

Preparing
- molding sand*
- grinding wheel compounds
- high performance materials (e.g., lithium-ion battery pastes)
- ceramic materials (e.g., catalysts)
- friction lining mixes
- resin bonded refractory mixes
- cellulose derivatives (CMC, MC)
- substitute fuels

Reacting
- lead acid pastes for batteries*
- soap mixes

Drying
- aqueous or solvent-based filter cakes and slurries
- sludges from electrolytic processes containing recyclable material
- paint sludges
- powerful "rotary evaporator" up to 7,000 liters

Deaerating
- ultra-high performance concrete
- castable slips

More
- reactions in viscoplastic phases, at temperatures between 5 and 250 °C
- mixing and kneading of pasty and highly viscous products

Explosion-proof design possible

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.