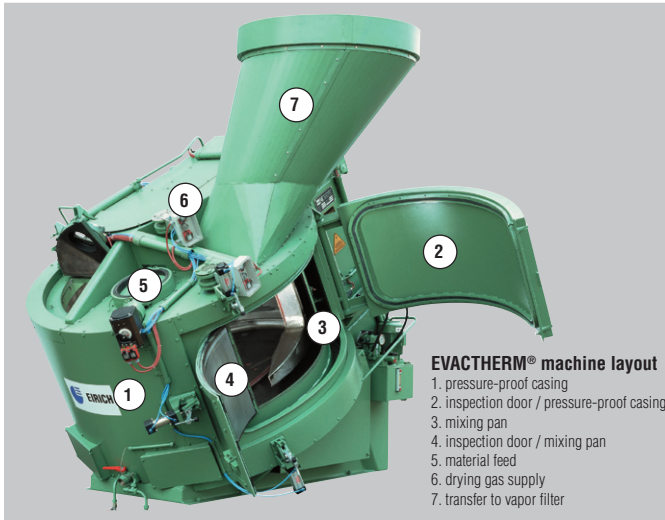


# Vacuum mixers

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

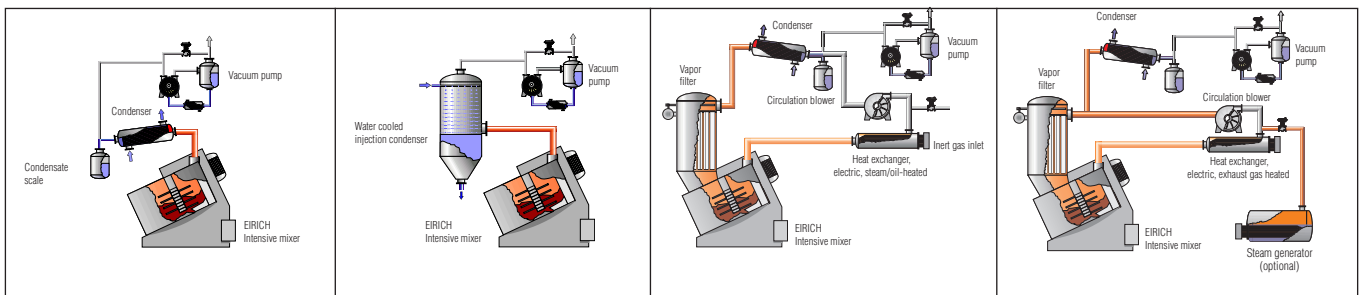


5 liters



7,000 liters

## Individual adaptation to specific applications



## Proven technology – used a hundred times all over the world

### 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

\* here the vacuum technology is also used for cooling

### 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.

**Eirich Machines, Inc.**

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**MIXING TECHNOLOGY**