EIRICH

Preparation Technology for Sand-Lime Bricks

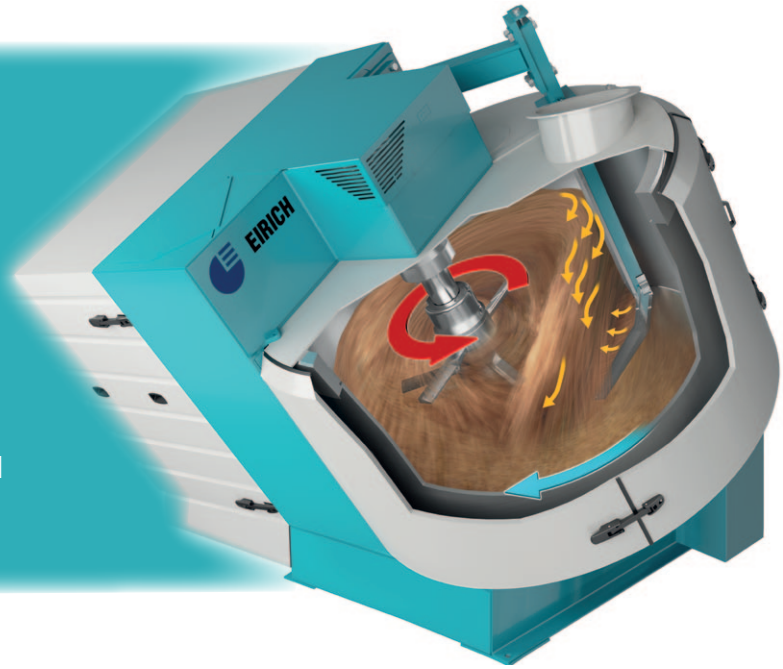
for premixing and follow-up mixing

The unique working principle

Rotating mixing pan
for material transport

Variable-speed mixing tool, slow to fast
for mixing, kneading and disagglomerating

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:

- The mixing tool can be run variably, at low or high speed
- The input of power into the mix can thus be controlled specifically
- During premixing, medium tool speeds allow
  - water to be distributed completely
  - quicklime to be intensively wetted and activated
  - grains of sand to be evenly coated with quicklime suspension / hydrated lime
- During secondary mixing, high tool speeds allow
  - agglomerates to be disintegrated perfectly
  - pigments to be admixed streak-free
  - clay and loam agglomerates to be disintegrated perfectly

Further advantages:

- Short mixing times
- Constant automatic correction of water addition and sand or lime addition
- Sand moisture measurement with correction programs
  - sand / water correction (moisture measuring in the silo)
  - lime / water correction (moisture measuring in the mixer)
- Mixers, scales and control system of own production
- System design and processing completely by our own company, from the first draft up to the turnkey system
- During secondary mixing, even continuous mixing of high quality is possible

EIRICH customers report their experience:

- Savings on quicklime at constant strength properties
- When producing colored bricks, scrap due to surface defects is reduced substantially
- During secondary mixing, even partial quantities can be mixed in high quality

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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