Mixing Technology for Factory-Produced Dry Mortar

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
- High tool speeds allow
  - fibers to be disintegrated optimally
  - pigments to be ground perfectly and mixed-in streak-free
  - very small amounts of additives to be mixed-in optimally
- Medium tool speeds allow high-quality mixtures to be produced
- Low tool speeds allow lightweight aggregates to be mixed-in gently

Further advantages:

- The mixers can optionally be supplied with a proven automatic pneumatic interior cleaning system

- Mixing processes / mixing speeds can be adjusted to the respective formula

Advantages compared to horizontal mixers:

- Completely different mixing principle: No problems regarding axial mixing, no demixing effect on long mixing times
- The mixer efficiency is independent from the arrangement of the component feeding units
- Finest materials / pigments can be mixed even in smallest quantities (up to ppm values) without using cutter heads
- Liquids (e.g. dust binders) are added without atomizing and mixed in very quickly

EIRICH customers report their experience:

- The mixing result / the mixing quality remain unchanged even if only partial quantities are mixed, down to 30 % of the nominal capacity
- Clearly less wear compared with cylindrical mixers
- The dust binder consumption is reduced by up to 50 % (better distribution)

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.