

DKXX Twin-shaft batch mixer

For sand-lime brick

TRANSFORMING
MATERIALS
INTO VALUE

The new DKXX sand-lime brick mixer with a rubber trough is a convincing product

The twin-shaft batch mixer of type DKX made by BHS-Sonthofen are less subject to wear and tear than conventional mixing systems due to their design. With its rubber trough, the DKXX is the ideal choice for operation as a main mixer for highly abrasive sand-lime brick mixtures. Thus using a sand-lime brick mixer by BHS-Sonthofen will save you money and manpower.

Mixers in the DKXX series are available with immediate effect with capacities ranging from 1,000 to 6,500 l.

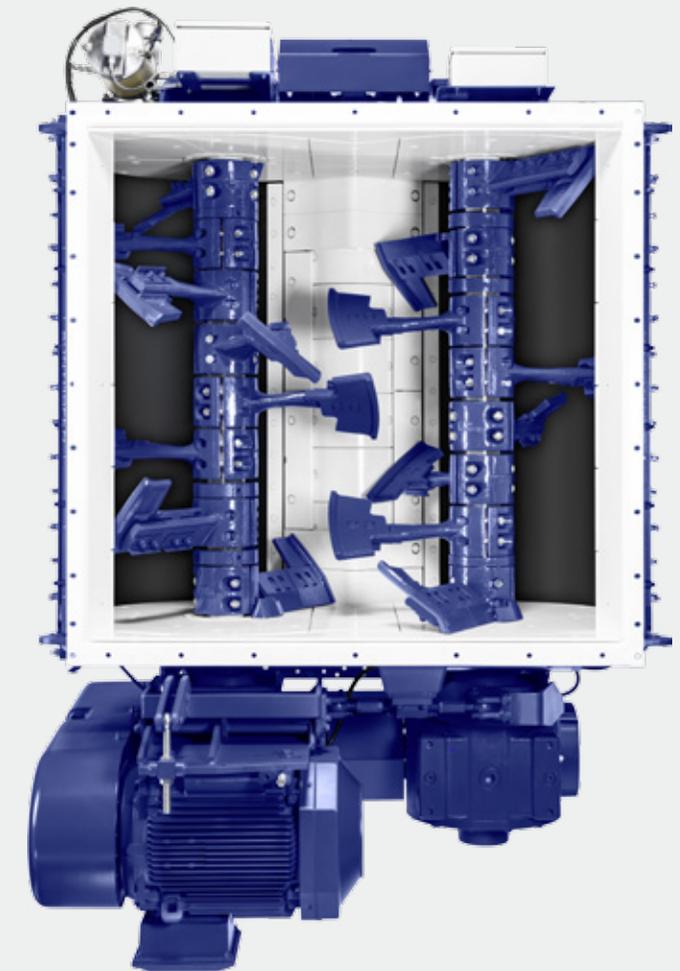
Twin-shaft batch mixer DKXX 2600 as the main mixer at the sand-lime brick plant Hermann Peter KG, Germany



BHS-Sonthofen worldwide



www.bhs-sonthofen.com



LESS WEAR AND TEAR DURING MIXING OF SAND-LIME BRICK PRODUCTS

Significant less wear and tear after using the new sand-lime brick mixer with a rubber trough

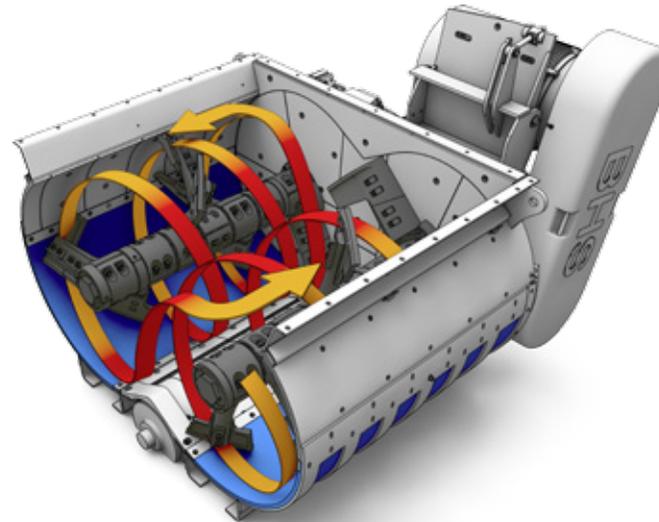
Constantly having to replace worn parts is inconvenient and expensive. But can wear and tear in the mixer be reduced to save maintenance costs? And what additional benefits do sand-lime brick manufacturers gain from using a special mixer with a rubber trough?

Michael Peter, CEO of Hermann Peter KG, has an answer to this question, as he has recently been using the newly developed twin-shaft batch mixer with a rubber trough developed by BHS-Sonthofen.

The decisive factor is a long lifetime despite dealing with very abrasive materials

Many manufacturers of sand-lime brick products complain about the high level of wear and tear in the mixer. The reason for this is the fine sand, which has the effect of sandpaper between the mixing tools and the walls of the trough. "Our greatest challenge is to find a mixing system that withstands the strongly abrasive material for as long as possible. This is the only way in which we can minimize the time and cost of replacing wearing parts," Mr Kautz, Production Manager of Hermann Peter KG, sums up the situation.

As Hermann Peter KG has been operating a BHS-Sonthofen twin-shaft batch mixer for the past 45 years, the company has long been convinced of the benefits of this unique, three-dimensional mixing principle of the BHS mixer. It was clear to Michael Peter that it would once again have to be a BHS-Sonthofen twin-shaft batch mixer that would be able to meet the challenges of a sand-lime brick producer.



Three-dimensional mixing principle of the DKXX

The new twin-shaft batch mixer with a rubber trough

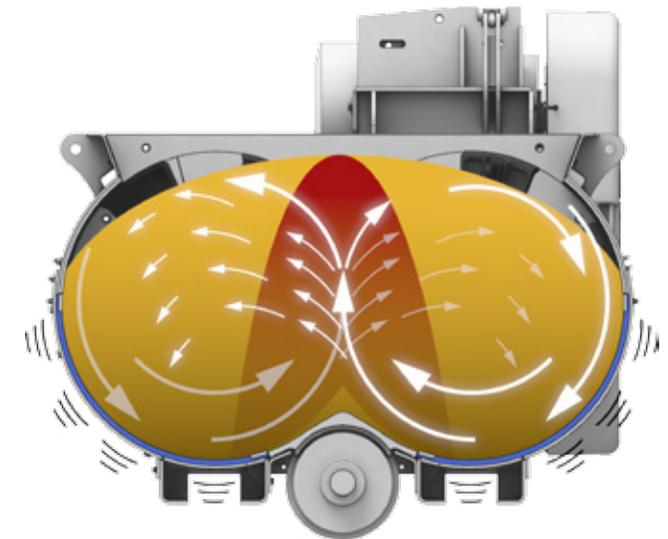
Following weeks of intensive development, the DKXX twin-shaft batch mixer was specially manufactured for the production of sand-lime mixtures as yet another variant of the worldwide proven DKX twin-shaft batch mixer.

Special feature: instead of a steel trough, BHS-Sonthofen manufactures the sand-lime mixers with a rubber trough, which pulsates during mixing and thus effectively prevents caking of the sticky mixing product. This not only reduces the wear and tear on the blades and the trough lining, but also the power consumption of the motor.

Advantages of the new DKXX sand-lime brick mixer by BHS-Sonthofen

In comparison with conventional mixers used in the sand-lime brick industry to date, the DKXX has several advantages:

- » Long lifetime despite very abrasive materials
- » More intensive material exchange due to the three-dimensional mixing principle
- » High homogeneity of the mixing product – batch by batch
- » High utilization rate of the lime used
- » High packing density of the mixture
- » Shorter mixing times with lower energy requirements
- » Reduced maintenance due to easy exchange of wearing parts



Mixture movement and pulsating rubber trough of the DKXX