



Mixing homogenizing cell TYPE MHZA



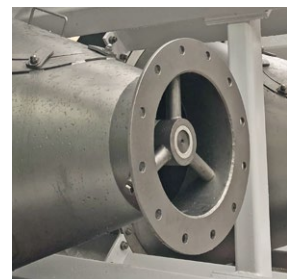
The mixing homogenizing cell TYPE MHZA from Morewa AG is suitable for mixing and homogenizing powders, flakes and granulated products. The simple process control in combination with a very powerful flow rate guarantees a continuous mixing process. The gentle and low-energy operation reduces product handling and costs considerably.

Thanks to the sophisticated design of the system, it is possible to process very fine to coarse particle size distributions as well as variable specific densities. The optimum ratio of mixing volume to throughput leads to a fast and gentle mixing process, which can respond to the different properties of the bulk material.

Mixing of solids in batch operation or in continuous process

The MHZA mixing and homogenizing cell allows, in addition to the traditional batch operation, processing in a continuous mixing process. The mechanism was deliberately designed in order to prevent agglomerate formation - absorption or liquid binding. Mixer size and residence times etc. can be fully adapted to customer requirements.

All in all, the system convinces with efficient process control, high performance, high potential of automation, low space requirement and optimized energy consumption. Its versatility opens up a wide range of possible applications for the user.



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+ Which solids can be mixed (examples)

- meal flours, coffee and milk powder
- plastic granulates
- Raw materials before extrusion
- products that are difficult to flow, such as bran
- components of a mixture grinding before grinding

+ Specification

- Suitable for areas from 1m³ to 25m³
- Round or square
- Silo cells
- Adjustable dwell time

+ Advantages

- Maximum mixing homogeneity, even with very large batch sizes
- Compliance with strict hygiene requirements
- Fast and complete emptying the mixer after the end of the process
- Low space requirement even with large throughputs
- Optional inertization with gas protective layer
- Continuous feeding possible
- Minimizes separation effects
- Thanks to the frequency-controlled drive of the mixer shaft, it can also be used for small filling quantities
- Easy and quick to clean
- Dismountable shaft seals

