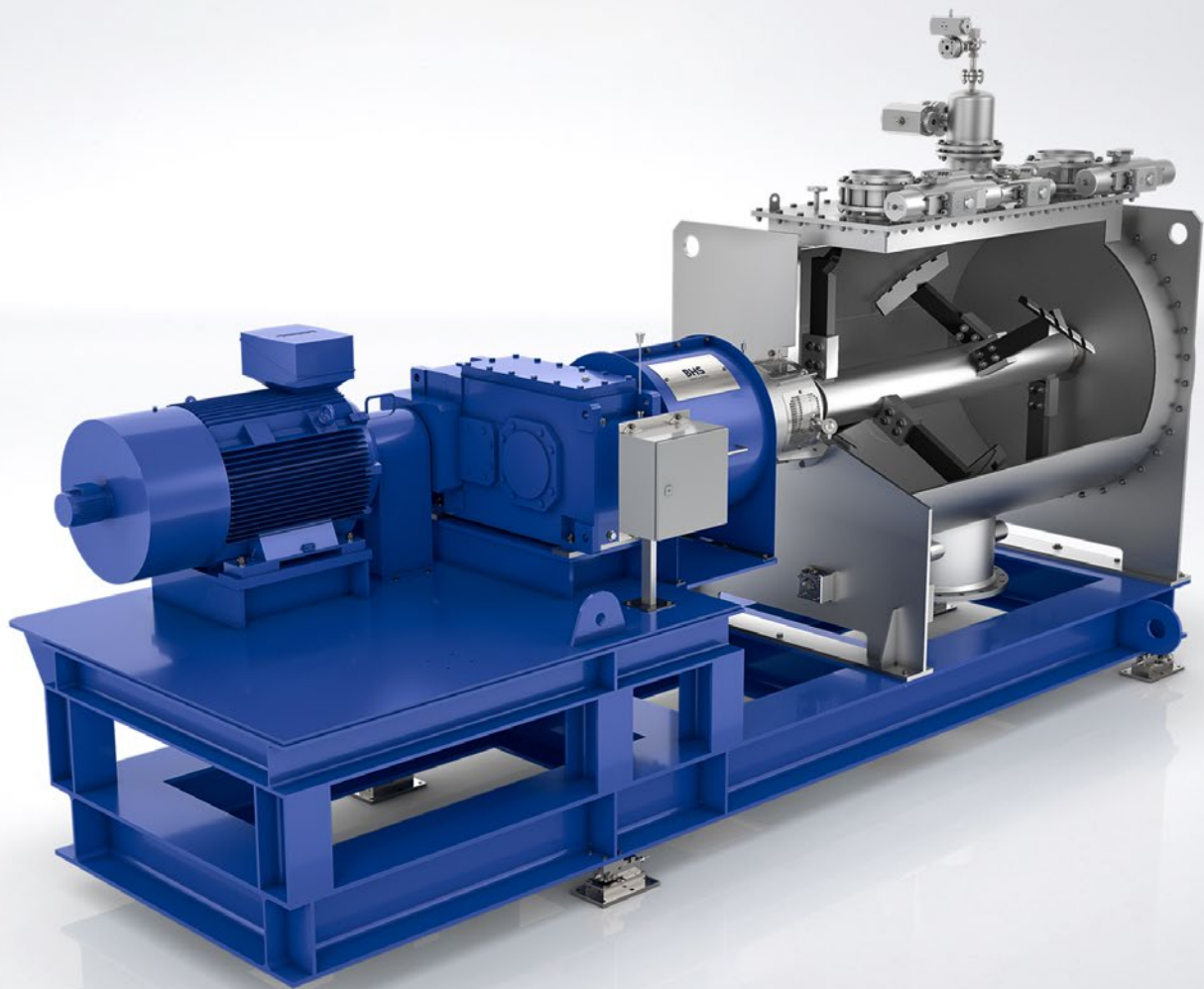


## HORIZONTAL MIXER (HTC/HTK)

Perfect mixing quality  
with short mixing times

TRANSFORMING  
MATERIALS INTO VALUE



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# VERSATILE PROCESS OPTIONS

Producing homogeneous mixtures.

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## Intensive mixing

Homogenizing anything from powder to high-viscosity slurries.

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## Granulating and agglomerating

Producing high strength and a narrow particle range.

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## Moistening and coating

Wetting dry materials evenly with liquids.

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## Disagglomerating

Increasing the mixing intensity with choppers.



## Continuous discharge

Controlling the retention time with special agitators and discharge weirs.



## Heavy-duty design

Special machine designs for abrasive products.

# UNMATCHED HOMOGENIZATION

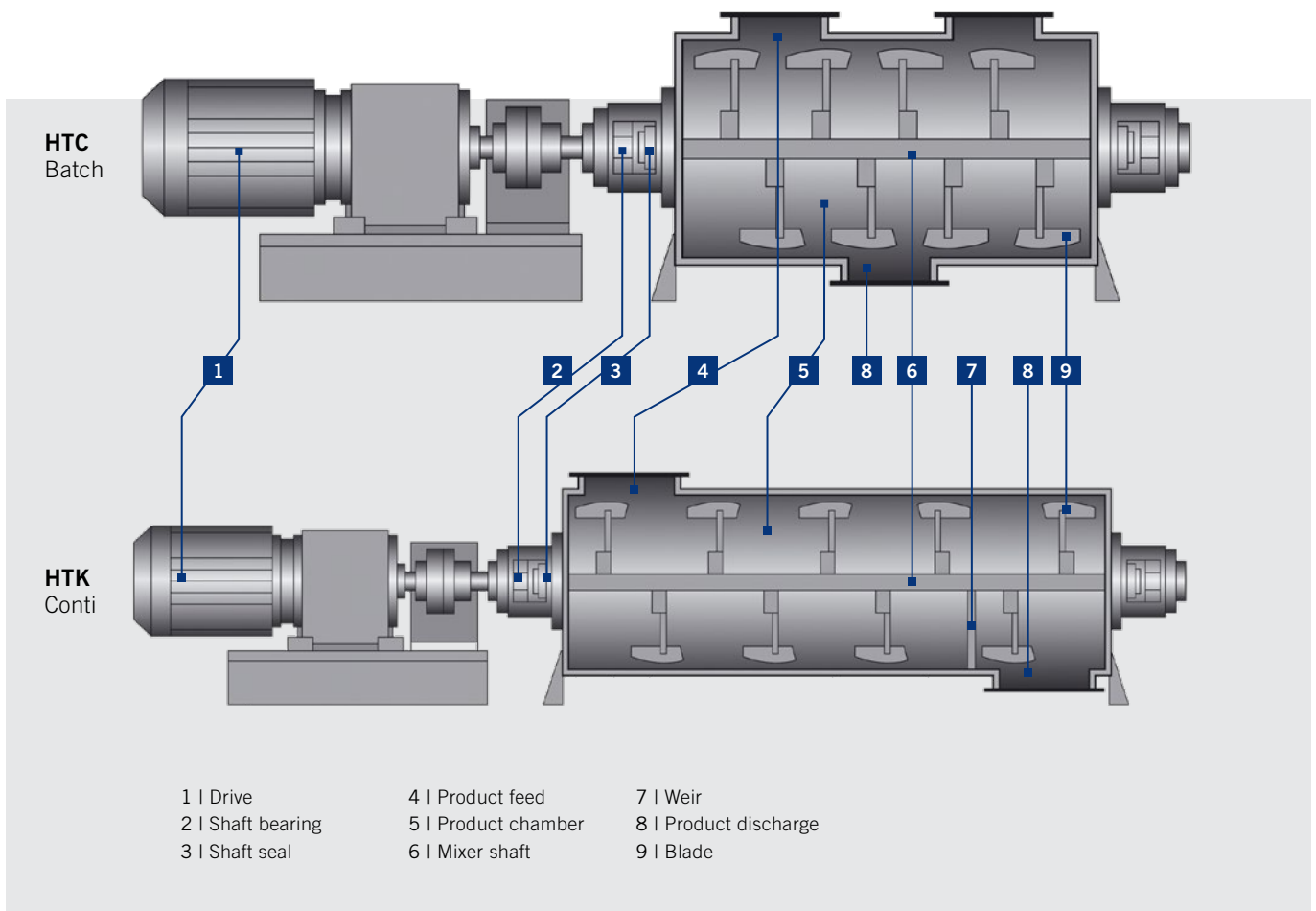
Batch or continuously operated intensive mixer.

BHS **horizontal mixers** are intensive mixers for batch or continuous operation. These mixers operate in the turbulent range, in a three-dimensional fluidized bed generated mechanically. All particles are moved relative to each other via the mixing tools positioned on a horizontally rotating shaft. The mixing tools are designed as blades that cover the entire interior. This prevents dead spaces and keeps all particles in motion at the same time. The result is a homogenous mixture produced in a fast process.

## Advantages

- ✔ Intensive mixing processes, batch or continuous operation
- ✔ Excellent mixing quality
- ✔ Fast, low-residue discharge
- ✔ Consistently reproducible product quality
- ✔ Heavy-duty designs meet demanding requirements

## Mixer design



# TOP PERFORMANCE IN EVERY DETAIL

Benefit from superior technology.

## OPTIMUM MIXING QUALITY 1

- Turbulent mixing principle
- Application-specific mixing tools
- Mixing elements rotate close to the wall

## LOW WEAR 2

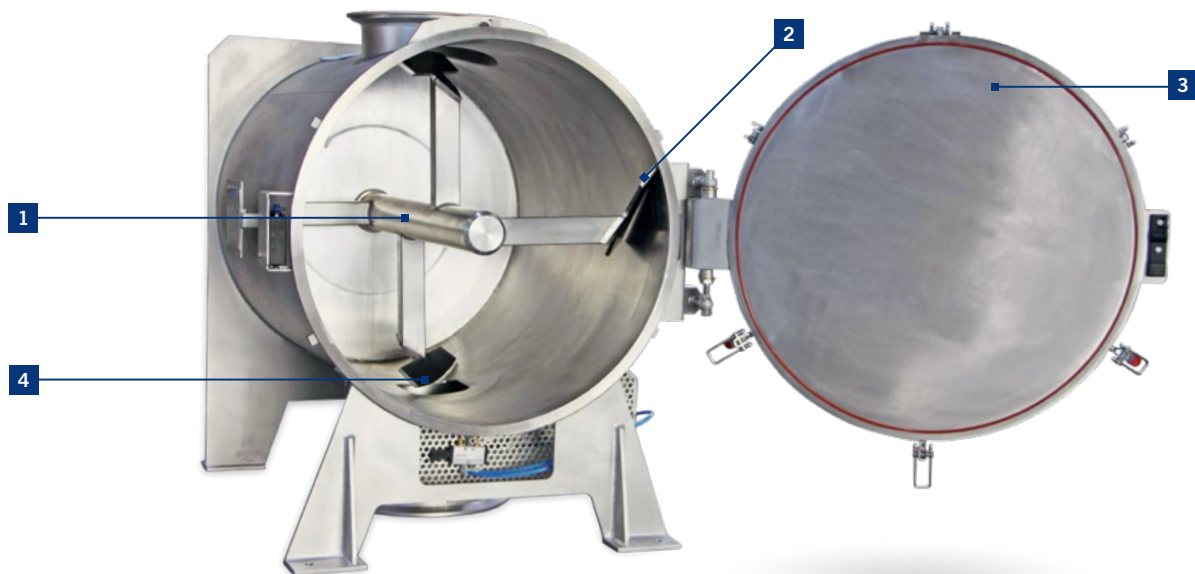
- Shaft seal with purge gas
- Product-specific mixer drum linings
- Tungsten-carbide hardfacing

## EASY MAINTENANCE 3

- Large inspection doors
- Quick-change mixer blades
- Easy seal replacement

## COMPLETE SYSTEM 4




- Metering devices for bulk materials and liquids
- Mechanical and pneumatic conveying systems
- Bulk packaging equipment
- Fully automatic control



 More information

 [www.bhs-sonthofen.com/htc](http://www.bhs-sonthofen.com/htc)

**BHS-Sonthofen GmbH** Process Technology ▪ An der Eisenschmelze 47 ▪ 87527 Sonthofen ▪ Germany

 [www.bhs-sonthofen.com](http://www.bhs-sonthofen.com)  +49 8321 60 99-530  [process-technology@bhs-sonthofen.com](mailto:process-technology@bhs-sonthofen.com)