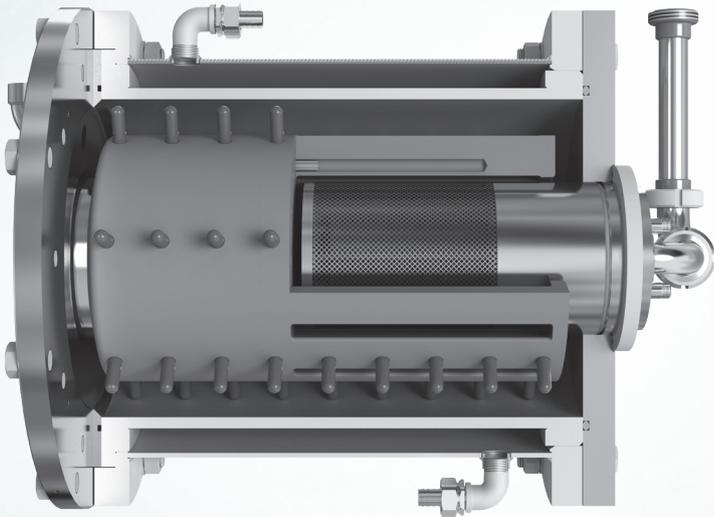


NETZSCH

Proven Excellence.

UP

UPGRADE



NEOS

Optimization Package for ZETA[®] Agitator Bead Mills

Double your Production Capacity

Business Unit
GRINDING & DISPERSING

The Optimization Package for ZETA® Agitator Bead Mills

Double your Production Capacity

The newly developed *NEOS* grinding system is also available as a conversion kit for your existing *ZETA*® System agitator bead mill.

The basis of this customized optimization package is your existing machine configuration and your current production process. With the new rotor geometry and optimal grinding chamber cooling, the power input will be increased significantly with the *NEOS* grinding system, which means that you will see a substantial increase in production.

The NETZSCH-*CERAM C* inner tank ensures that the required product temperature is maintained. The premium package includes a grinding chamber with counter-elements, which helps increase the power input with very small grinding beads and/or low viscosities. For the *NEOS 20* and *NEOS 50*, a cooled agitator shaft ensures increased heat transfer.

In each individual case, it must be determined whether a more powerful drive motor is required to achieve the objectives mentioned above. We will assist you in the assessment of your *ZETA*® agitator bead mill and selection of the Optimization Package.

The Optimization Package includes the following services:

- Assessment of the actual process data for your *ZETA*® agitator bead mill
- Conversion
- Re-commissioning
- Optimization of the machine parameters
- Training of your staff



Your Benefits

- from 30% up to more than 100% increase in productivity compared to *ZETA*® agitator bead mills
- significantly higher power input at least double the volume throughput for optimal operation in circulation mode
- efficient cooling in the processing chamber means low product temperature despite higher power input
- stable production process even with the smallest grinding media
- retrofitting existing machines means low investment costs
- high system availability and planning reliability for your operation

Optimization Package	Standard	Standard +	Advanced	Advanced +	Premium	Premium +
Model (your existing machine)	<i>ZETA</i> ® 2 (7,5 kW) <i>ZETA</i> ® 10 (22 kW)	<i>ZETA</i> ® 2 (4/5,5 kW) <i>ZETA</i> ® 10 (18,5 kW)	<i>ZETA</i> ® 25 (37 / 45 kW) <i>ZETA</i> ® 60 (75 kW)	<i>ZETA</i> ® 25 (37 kW)	<i>ZETA</i> ® 25 (45 kW) <i>ZETA</i> ® 60 (90 kW)	<i>ZETA</i> ® 25 (37 kW) <i>ZETA</i> ® 60 (75 kW)
Model (new)	<i>NEOS</i> 2 (7,5 / 15 kW) <i>NEOS</i> 10 (22 kW)	<i>NEOS</i> 2 (7,5 kW) <i>NEOS</i> 10 (22 kW)	<i>NEOS</i> 20 (37 / 45 kW) <i>NEOS</i> 50 (75 kW)	<i>NEOS</i> 20 (45 kW)	<i>NEOS</i> 20 (45 kW) <i>NEOS</i> 50 (90 kW)	<i>NEOS</i> 20 (45 kW) <i>NEOS</i> 50 (90 kW)

Agitator shaft material: steel, *ZETA*® manufactured in 2000 or later), special designs on request!
Pump designs are not taken into consideration and must be requested separately. In some cases, additional components such as mechanical seals, bearings, etc. may be required.

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