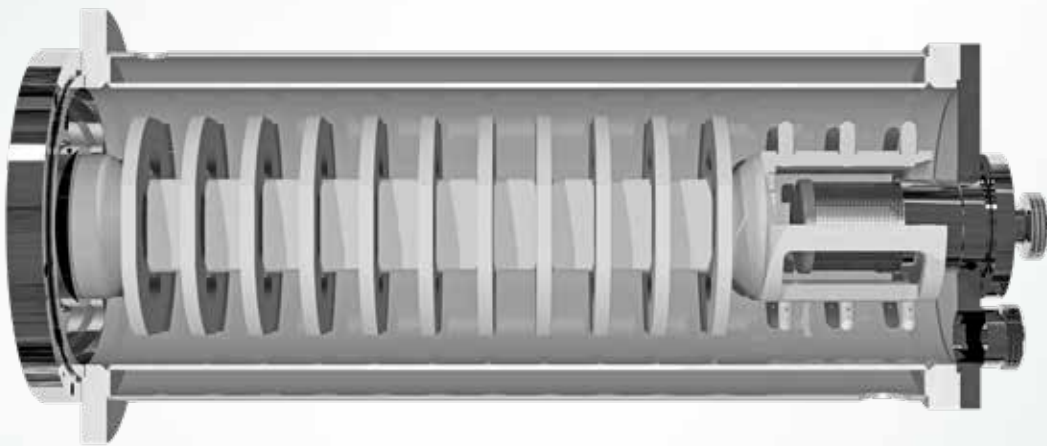


**NETZSCH**

Proven Excellence.

# UP UPGRADE



## *DISCUS INTENSIVE*

The Optimization Package for *Discus* & LME Agitator Bead Mills

With innovation and proven technology for higher production output

# The Optimization Package for *DISCUS* & LME Agitator Bead Mills

The newly developed *DISCUS INTENSIVE* grinding system is also available as a conversion kit for your existing *DISCUS* and LME agitator bead mill.

The basis of this individual optimization package is your existing machine configuration and your current production process. Thanks to the new rotor geometry and the optimal selection of state-of-the-art materials, the *DISCUS INTENSIVE* grinding system considerably increases the power input. This means a significant increase in production is achieved.

The NETZSCH-*CERAM C* inner tank ensures notably better cooling and adherence to the required product temperature with higher performance. The new innovative rotor geometry changes the grinding chamber volume with the same container size. The new, controlled product flow prevents coarse particles even during continuous passage operation.

We support you with the appraisal of your *DISCUS* and LME agitator bead mill and selection of the optimization package, including an examination of the profitability of the conversion.

## The Optimization Package includes the following services:

- appraisal of the actual process data of your *DISCUS* / LME agitator bead mill
- conversion
- re-commissioning
- optimization of the machine parameters
- training your employees



## Your advantages:

- increase in production performance of 30% and more compared to previous *DISCUS* and LME agitator bead mills
- much higher power input, considerable increase in volume throughput
- low product temperature due to efficient cooling in the processing chamber
- stable production process
- low investment costs through conversion of existing machines
- high system availability and planning security for your company

	Grinding Chamber Volume [dm <sup>3</sup> ]	Batch size [l]	Drive power [kW]	Typical throughput rate [kg/h]
<i>LABSTAR</i>	0,75	1.5 - 5	3	5 - 50
<i>DISCUS 4</i>	3.6	10 - 100	7.5	18 - 180
<i>DISCUS 30</i>	26	100 - 500	22 / 30	70 - 750
<i>DISCUS 60</i>	54	200 - 1,000	45	140 - 1,500
<i>DISCUS 150</i>	150	500 - 2,500	75 / 90	250 - 2,500

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