



HOSOKAWA BEPEX GmbH

Technologies for compaction, briquetting, extrusion and spheronization



BEXMILL in Isolator

Technology for High Potential Pharmaceuticals and Chemicals

By integrating the proven conical mill (BEXMILL) into an isolator, Hosokawa Bepex has succeeded in meeting the stringent demands of the pharmaceutical industry with respect to product and personal protection when processing high potential pharmaceuticals and chemicals.

The BEXMILL is suitable for a wide range of applications:

- Deagglomeration
- Crushing of roller compacted flakes
- Grinding of oversized particles
- Sizing of product at the inlet of an air jet mill

Various mill screens, round hole or rasp type are available to accomplish any process requirement. The minimal airflow does not require additional filter systems.

The BEXMILL does not need any dosed feed, but can totally be flood fed.

For isolator purposes, two sizes are available which are also ideal for R&D work.

The mill is suitable for ATEX-Zone 1/21.

The isolator is operated under negative pressure and permits an "operator exposure level" OEL of $< 1 \mu\text{g}/\text{m}^3$.

The α/β transfer system permits low-contamination inward and outward transfer.

The isolator is made completely of stainless steel AISI 316 L with an inside surface roughness of $R_a \leq 0.8 \mu\text{m}$.

The system is also equipped with an integrated WIP (washing in place) cleaning system.

