

BEXMILL ABM

High Capacity and Versatile Production



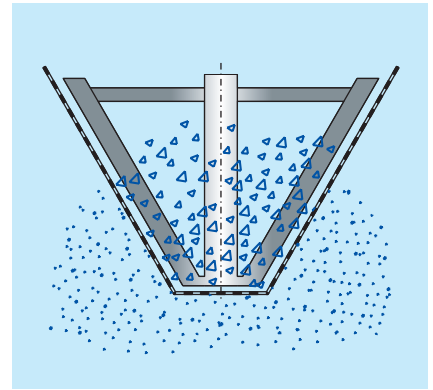
The BEXMILL ABM series offers you a variety of production capabilities. Our machines can handle both small laboratory requirements and large production rates of up to 8 tons per hour.

Because our machines are versatile, they can be delivered with many accessories and in different configurations. For example, machines are available in both portable or stationary designs.

The BEXMILL can be operated in a continuous or batch process. Granulation takes place between the conical rotor and screen. Soft to medium hard flakes in a variety of sizes can be granulated in one pass.

Your required particle size can be achieved using a variety of interchangeable screens. This gentle size reduction avoids product damage and generates a minimal amount of fines.

You can change screens quickly without any tools to avoid costly downtime. Either way, the BEXMILL maximizes process effectiveness while reducing process costs.

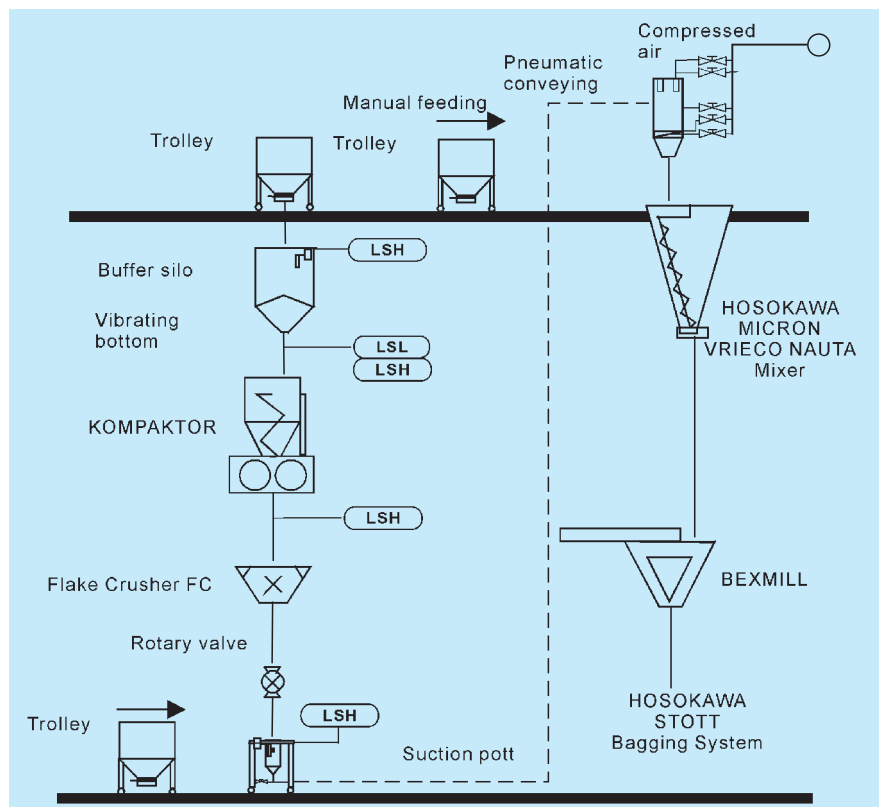


Hosokawa Alpine technology is more than granulation and agglomeration technology. We offer complete technical solutions from product feeding through to packaging. We can plan and manage the entire project from conception through to training.

Technical Data

Model	Drive kW	Through put kg/h Min. / Max.
ABM 150	1,5	20 / 200
ABM 200	4,0	100 / 1000
ABM 300	7,5	500 / 4000
ABM 400	15,0	1000 / 8000

Plant for the production of pharmaceutical granules with a maximum granule size



BEXMILL ABM

Easy Clean Design



The combination of the rotor speed and screen selection determines the final particle size distribution (a, b). The critical gap between the rotor and screen can be adjusted manually or automatically. The rotor is designed for long life and maximum performance. Rotor seals are also available with air or Nitrogen purging.

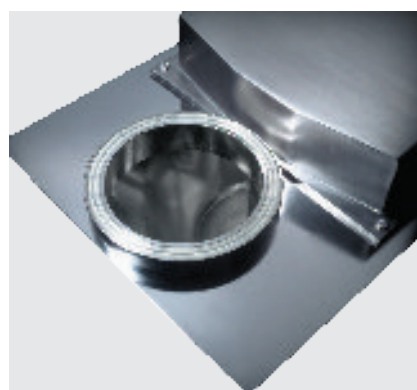
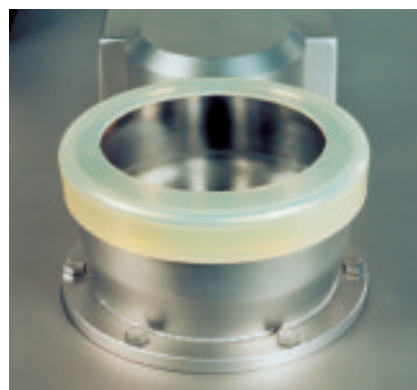
The BEXMILL is the perfect machine for your GMP facility to process pharmaceuticals.

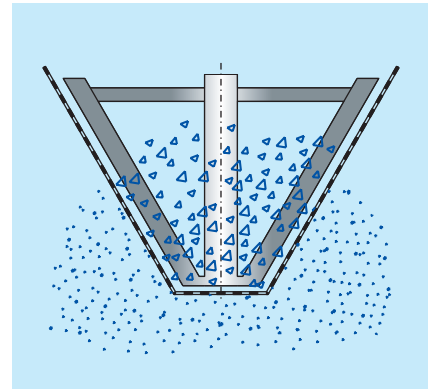
All product contact gaskets and seals use FDA approved materials.

Each unit can be custom designed to accommodate a wide variety of upstream and downstream connections. For example, inlets and outlets of the mill can be designed with beaded collars, tri-clamp connections, or vacuum connections (c).

Product contact areas can be washed using CIP systems (d).

A telescopic outlet (e) can be used for inline fixed installations. The telescopic transitions are flanged to the mill for a dust tight seal. All flanges are machined. Silicone gaskets are used between flanges. The design eliminates the need for a fixed pipe system between components. It also facilitates the screen changing process.





Mill Screens

- ☐ Round hole
- ☐ Rasp
- ☐ Square hole
- ☐ Rectangular

Screen hole sizes of 0,5 to 10 mm



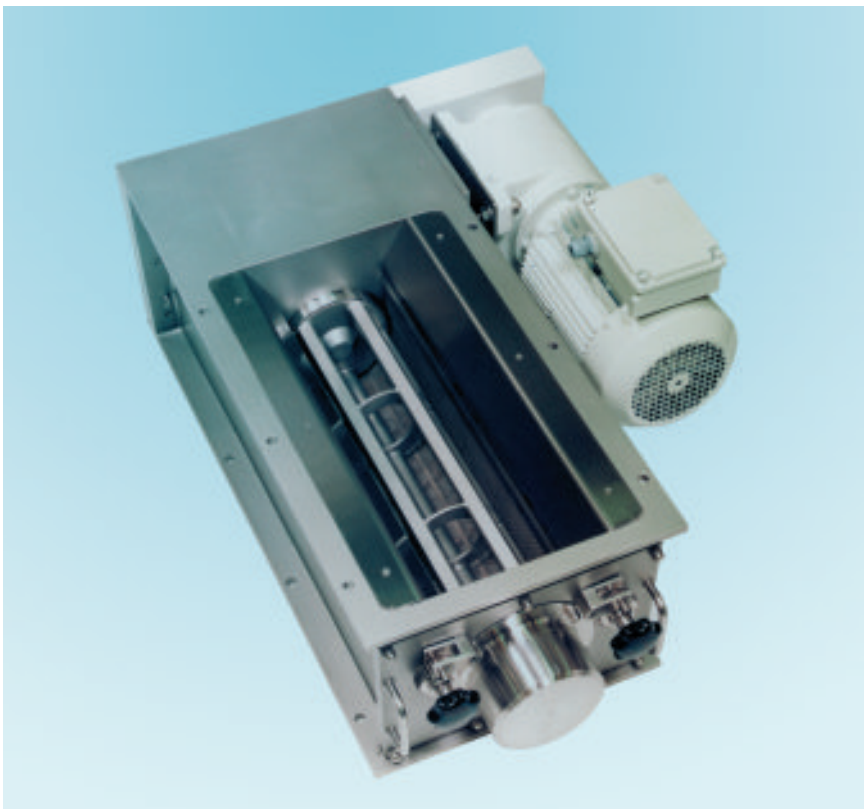
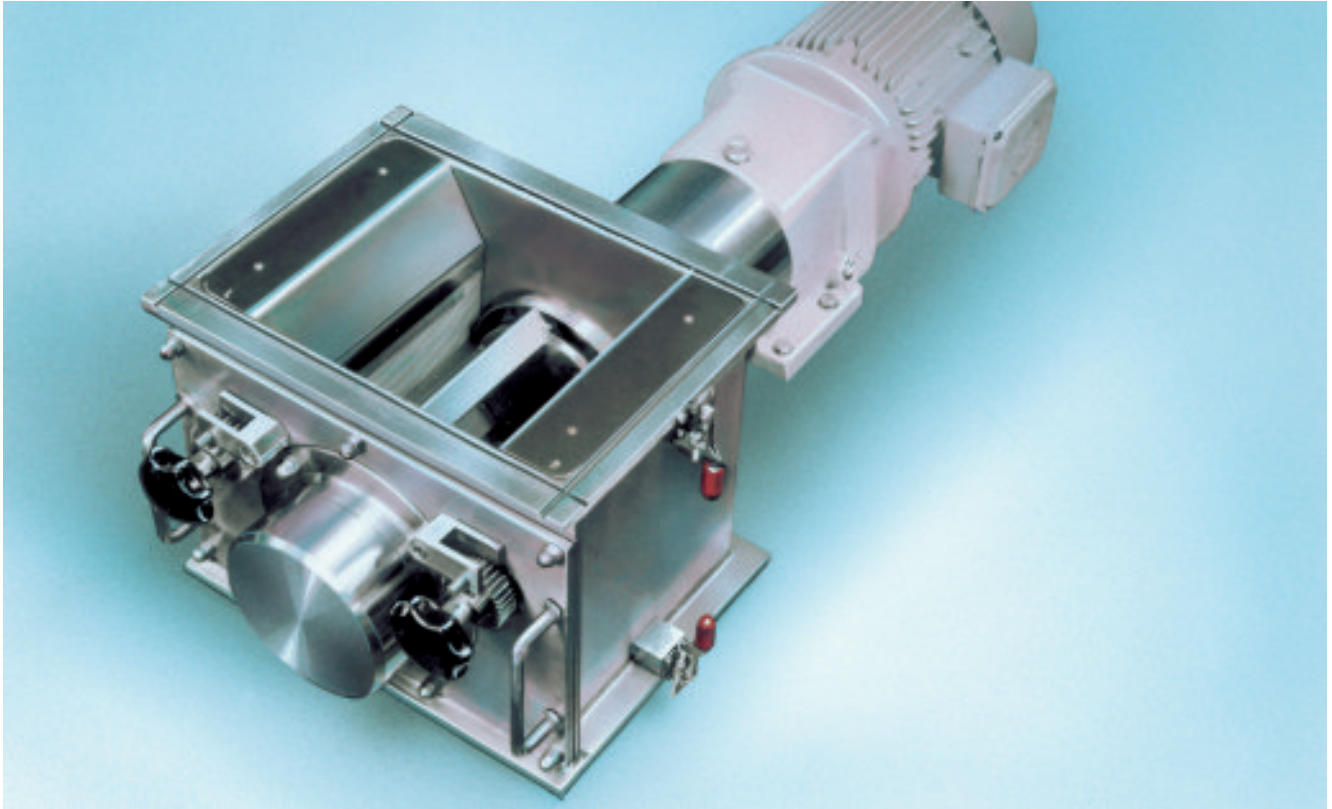
Mill Rotor

- ☐ 2-arm-, 3-arm-, 4-arm-, 5-arm-rotor
- ☐ Round profiled rotor arms for moist product
- ☐ Edge profiled rotor arms for dry products
- ☐ Exact rotor gap adjustment



Flake Crusher AFC

Fine, but not too fine



Principle of Operation

The rotor cuts the material through a screen surface using a rasp screen or a hole screen. The throughput, particle size range and crushing intensity are governed by the rotor speed, while the upper limit of the particle size is dictated by the screen. Final screening of the product to remove oversized material is not necessary.

The Construction

The rotor is installed in a dust-tight welded casing. The screens are fastened to a supporting basket. Two eccentric cam tensioning devices allow adjustment of the screen basket relative to the rotor for maximum grinding efficiency and screen life.