



Micronizing

MC Jetmill[®] 400

- Hundreds of installations worldwide
- The most advanced micronizers on the market
- Effective with more products than any other available today
- Highly efficient single pass processing
- Working with 1000s of compounds
- Including sticky and abrasive products
- Scalable product range
- Accurate reproduction from development to production

MC Jetmill® 400



The MC400 is the fourth step up from the MC 50 laboratory unit, suitable for micronizing up to 300kg/hr.

Technical features

- **High grade materials** – AISI type 316L stainless steel mirror polished to Ra 0.25 microns or Hastelloy
- **Rapid cleaning and easy validation** – Ease and quickness in assembling and disassembling, as well as a limited number of components
- **The simplicity of the whole unit** – Total absence of screws (replaced by tri-clover connections), no crevices, smooth and regular surfaces

Very low production loss

- Typical yields are 99.5% of batch size. virtual removal of the blow back phenomenon. Limited caking of sticky powders
- A single collecting point – (dimensional homogeneity)

Further advantages

- The lowest consumption of process gas of similarly sized units available on the market
- Process at constant temperature (endothermic)
- No heat generation
- Easy scale up maintaining the same PSD (Particle size distribution).

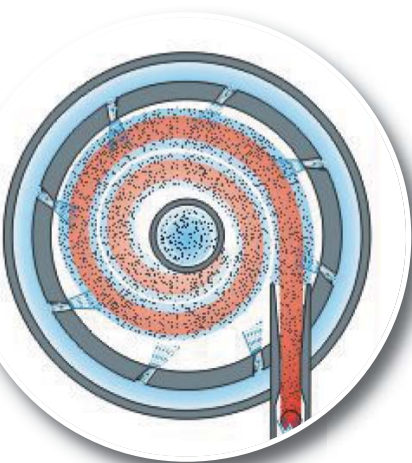
Options:

- Volumetric or Gravimetric pharma execution feeder, with various hopper dimensions
- Jetmill in top or bottom discharge configurations
- Special jet mill with interchangeable internal linings: - in Stainless Steel, PTFE, PUR (Vulkollan), Ceramic, Titanium Nitride
- Sanitary rotary valve for product collection
- System integrated with full CIP and SIP capability
- Explosion proof system (10 bars pressure resistant or burst disc)
- System fully automated by PLC with full batch reporting
- Integration of PAT technology, in-line particle size analysis
- Hazardous area versions available in compliance with US and Atex standards

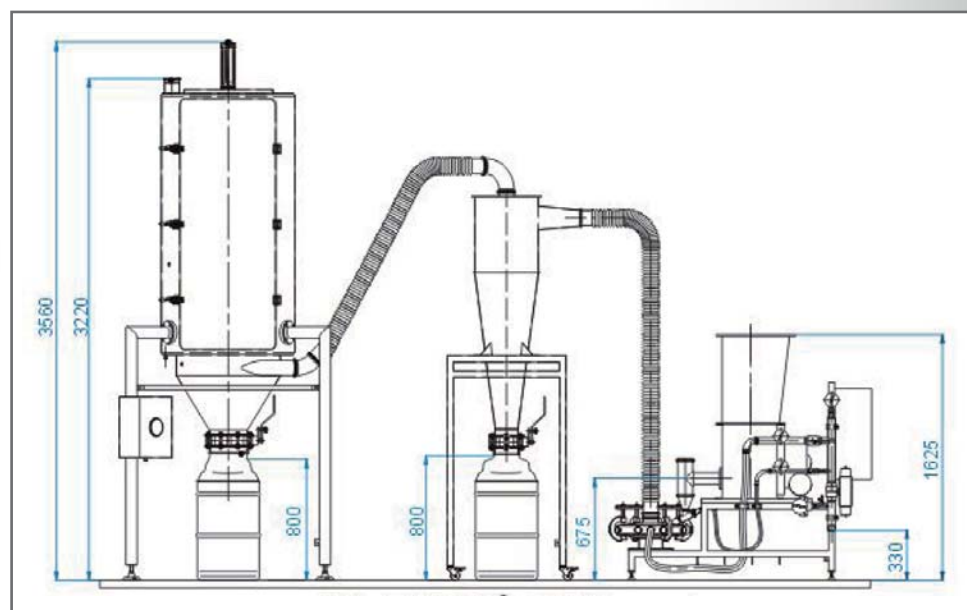
Alternative Version

Simplified version based on the same pharma concept can be customized for other applications:

- Fine chemicals
- Cosmetics
- Food
- Fillers



Dimensions



Technical Data

Nominal diameter	Estimated capacity	Batch size	Process gas @ 7 bar	Process gas @ 12 bar	Installed power
400 mm (16 inches)	From 10 to 300 kg/hr	10 kg to 3000 kg	6.990 Nm ³ /min (246.85 CFM)	11.980 Nm ³ /min (423.07 CFM)	1.5 kW (2 HP)