



## Micronizing **MC2 Jetmill®**

- 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

## MC2 Jetmill®



**The MC2 is ideal for clinical trials and scale-ups, especially when extremely small batches of high value products with very low product loss need micronizing.**

### 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).

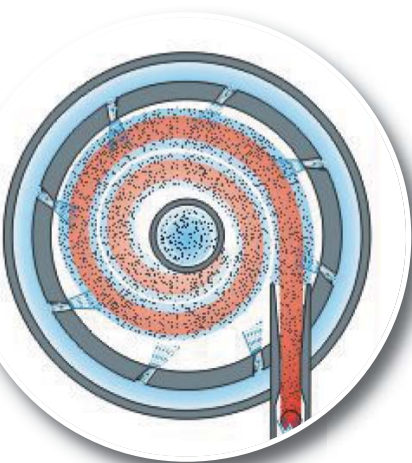
### Options:

- Volumetric or Gravimetric pharma execution feeder, with various hopper dimensions available.
- Special internal lining: PTFE, PUR (Volkollan), Ceramic, titanium Nitride.
- Sanitary rotary valve for production collection.
- CIP and SIP systems.
- Explosion proof systems (10 bars pressure resistant or burst disk).
- System fully automated by PLC.

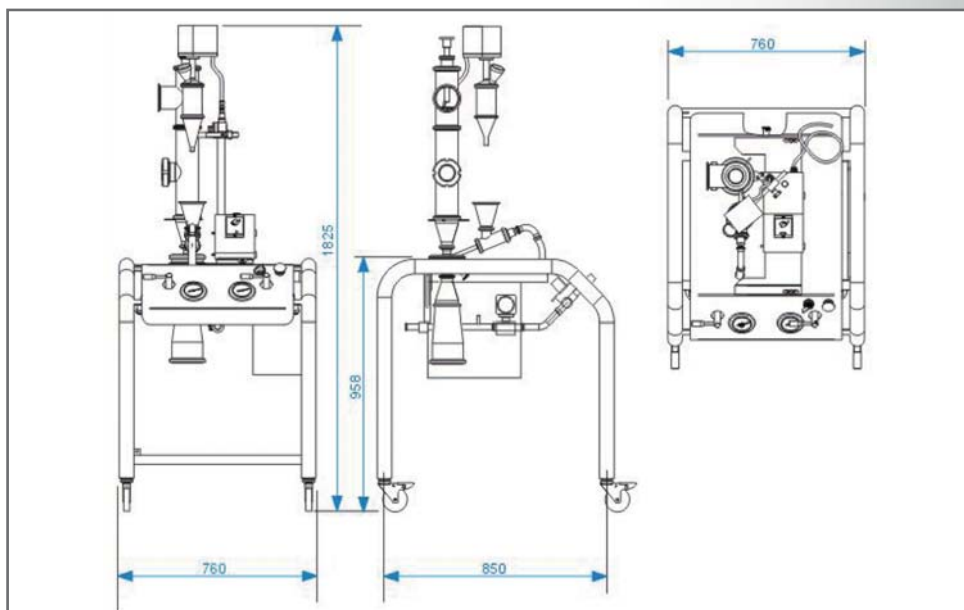
### Alternative Version

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

- Fine chemicals
- Cosmetics
- Food
- Filler



### Dimensions



### Technical Data

Nominal diameter	Estimated capacity	Batch size	Process gas @ 7 bar	Process gas @ 12 bar	Installed power
50 mm (2 inches)	From 35.0 to 200 gr/hr	1.5 gr to 500 gr	0.19 Nm <sup>3</sup> /min (6.71 CFM)	0.33 Nm <sup>3</sup> /min (11.65 CFM)	0.05 kW (0.00 HP)