

UMS DecMill® Universal Milling Solution



- Narrow Particle Size Distribution (PSD) due to higher tip speed
- Improved drive due to high-speed electric motor (no belt)
- Interchangeable grinding media (turbine and pin disk)
- Real-time temperature monitoring
- Easy assembly/disassembly with clamp connections
- Handles low MIE products (inerting system N₂)
- Available with isolator through-the-wall concept
- ATEX compliant
- Sterile version available
- Easy cleaning CIP/SIP



Enhanced Performance



Narrow PSD



Time Saving



Cost Effective



User Friendly



ATEX



SIP

Easy Sterilization



CIP

Easy Cleaning

UMS DecMill® Universal Milling Solution



UMS DecMill® offers the highest degree of flexibility and only requires a minimal area for maximum product recovery. The mill is highly versatile and can be adapted to different customer requirements. From a turbine to a pin disc, the mill can be easily configured to achieve the desired particle size.

Its easily accessible, replaceable grinding media grind at an adjustable speed of up

to 500 kg per hour.

The degree of product fineness depends on a number of factors, such as B. the physical nature of the product, the feed rate to the mill, the product to air ratio, the type and configuration of the grinding media and the speed of rotation of the same.

Product size reduction is typically in the range of 500 to 30 microns and below

depending on the application.

UMS DecMill® is available in a closed through-the-wall version and in a variety of materials suitable for the product being ground.



STANDARD Dimensions (for guidance only)

Model	Turbine	Pins	Motor Size	Applications
UMS DECMILL® 50	Ø 50 mm	Ø 60 mm	0.55 kW	Research and development
UMS DECMILL® 100	Ø 100 mm	Ø 110 mm	2 kW	Pilot plant
UMS DECMILL® 150	Ø 150 mm	Ø 165 mm	5.5 kW	Production plant
UMS DECMILL® 200	Ø 200 mm	Ø 230 mm	7.5 kW	Production plant
UMS DECMILL® 300	Ø 300 mm	Ø 300 mm	15 kW	Production plant