

FREWITT 

POWERMILL

PFC-1200



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CARE
ABOUT
MILLING

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POWERMILL PFC-1200



Over the years, Frewitt has proven itself the market leader in the field of powder milling machines. In its factories, Frewitt constantly develops and produces the highest quality mills.

Frewitt is your ideal partner for bulk solid size reduction solutions. Our broad spectrum of competencies will cover all your needs. In a single step, the PowerMill PFC-1200 crushes bulk solids hardened into blocks or agglomerated lumps as large as 80cm, reducing them to 1-2cm. Modular construction ensures adaptability, usable as a stand-alone unit for batch production, or integrated into a continuous operation. The PowerMill PFC-1200 sets new standards in crushing when it comes to combining modularity, user and maintenance friendliness.



SUITABLE FOR THE FOLLOWING INDUSTRIES:



Pharmaceutical



Battery



Chemical



Food

WHY CHOOSE FREWITT?

1

Provides solution to crush any kind of big, hard material

2

Provides solutions to your problems of line blockages, during production, due to hard, large blocks

3

Solutions that will optimize your production time and increase the quality of downstream grinding

4

Optimized investment with anticipation of your future needs

5

Machine developed with our commitment
FREWITT CARES ABOUT YOU

KEY FEATURES

- Unique solution on the market with crushing zone covering the entire discharge surface
- Very broad spectrum of applications ranging from all types of dry to wet and sensitive products
- Compact assembly for easy in-line integration
- Optimum production flexibility due to the modular design
- Possibility to crush with a high throughput
- Simplified disassembly, assembly and easy access for maintenance or cleaning Washing-in-Place (WIP) available as option
- Inlet funnel for blocks up to a size of 80 x 30 x 20 cm (for larger blocks on request)
- Integrated system to avoid product bridging
- High-tech process bearing
- High production safety guaranteed by the independently certified design (ATEX optionally available)





PROCESS CHARACTERISTICS



Particle size range
1-2 cm



Throughput
up to 20000 kg/h



Density
up to 2 kg/dm³



Product temperature range
-20°C to +60°C



Standard

GMP
Sealed process
Speed control
High throughput
Integrated bridge-breaker



Optional

Bearing temperature measure
Specific custom tooling
ATEX
WIP

TECHNICAL CHARACTERISTICS



Materials

AISI 316/316L - Ra ≤ 0.8 μm
AISI 304/304L - Ra ≤ 1.4 μm
EPDM/PTFE/Silicone

Interior
Exterior
In product contact,
certified FDA



Dimensions & weight

Module

Length 1900 mm
Width 1400 mm
Height 430 mm
Weight 1200 kg

Machine

Length 2300 mm
Width 1700 mm
Height 2800 mm
Weight 1800 kg



WORLDWIDE PRESENCE



FREWITT HEADQUARTERS

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