

LAARMANN[®]

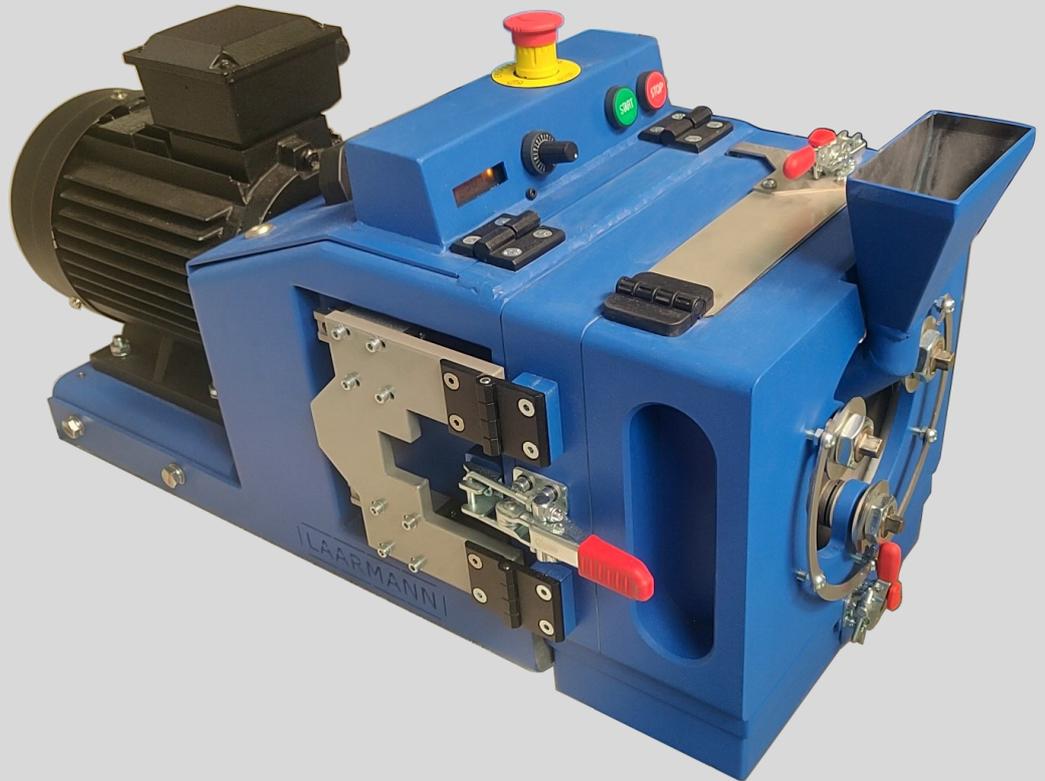
Innovators in Solids

LMDM200 DISC MILL

The LAARMANN high performance Disc Mill

THE DISC MILL PULVERISER
MODEL LMDM200 IS A
DURABLE MACHINE FOR FINE
GRINDING

- Quick and easy to clean
- Contamination free grinding
- Easily exchange of discs
- Stepless gap settings
- Batch and continuous use
- Rpm adjustment
- Zero point adjustment



Well Proven, High Reduction, Durable Disc Mill for fine grinding

The LAARMANN DM200 Disc Mill is designed for operating laboratory environments. The DM200 is a simple, durable machine for fine grinding of all types of semi-hard and hard materials. Materials such as drill core, rock, alloys, soils, ceramics and similar materials are suitable for the DM200. The machine is supplied as standard, complete with:

- 1.5 kW (3 phase) motor
- One fixed grinding disc
- One rotating grinding disc
- Stepless disc gap adjustment
- Sample collector

The grinding chamber contains one fixed and one rotating disc with a 200mm diameter. The internal surfaces of the grinding chamber are smooth faced and easily accessed, maintained and cleaned between samples because of the door that is implemented in the latest DM200 model. The gap setting can easily be adjusted and can be set to point zero.

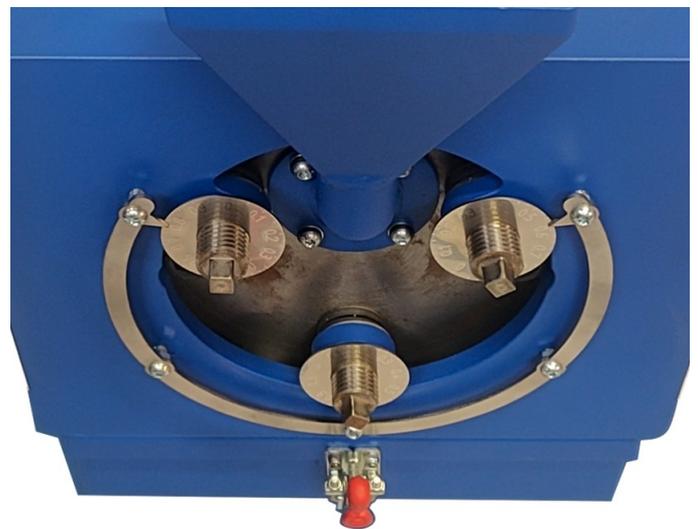
The operating capacity of the DM200 depends upon the disc gap setting, feed size and the crushing properties of the material being processed. The DM200 can be supplied as an optional mounted on a specially built bench complete with dust extraction hood to minimize the dust in the grinding operation. The DM200 is mostly used in projects such as:

- Primary crushing
- Pilot plants
- Sampling stations

We are always ready to assist our customers to achieve contamination free grinding. Therefore, it will always be discussed with the customer which discs are applicable before offering the machine.



Disc mill open



DM200 Disc mill front view with scales



DM200 Disc Mill spare discs

Aviable Spares materials for contamination free grinding

- Zirconium oxide
- Tungsten carbide
- PU Coated
- Stainless steel
- Hardened steel
- Abramax 500

Material should be chosen according to the sampling material that is being processed. Other materials can be requested



LMDM200 Disc Mill suitable applications

- Floors
- Wood fibres
- Plant materials
- Betonite
- Concrete
- Gypsum
- Sand
- Stone
- Cement clinker
- Bones
- Ores
- Tissue
- Sludges
- Catalysts
- Plastics
- Pigments
- Polymers
- Glass
- Hydroxylapatite
- Kaolin
- Ceramic oxides
- Quarz
- Clay minerals
- Cole
- Alloys
- Paints and lacquers
- Metal oxides
- Quarz
- Slags
- Electronic scrap
- Organic and unorganic waste
- Semi-precious stones



Technical specifications

Dimensions W x D x H	865 x 420 x 385 mm
Weight	130 kg
Power supply	400V ± 10% - 50Hz
Rated power	1.5kW
ON/Off	By ON/Off Switch
Standard collector volume	3000 ml
Gap adjustment	By flexible setting
Throughput	Up to 150kg/h
Speed setting	686rpm (828 rpm at 60Hz) adjustable
Noise emission (without milling bowl)	70 dB(A)
Ambient temperature	+5°C - +40°C
Atmospheric humidity	< 85% RH