

Air Current Pulverizer - Fine Powder Milling Machine

The air current pulverizer is a high-efficiency milling machine designed for producing fine powders. It utilizes compressed air to generate high-speed air currents within the grinding chamber, causing particles to collide and fracture.



Overview

High-Efficiency Airflow Crushing System

The QLM-20B is a high-performance supersonic airflow crusher designed for precision particle milling. This integrated system features automated feeding, grinding, sorting, and pulse-bag dust collection, ensuring a pollution-free and energy-efficient process. It is capable of achieving particle sizes as small as 1 micron while maintaining material purity, making it ideal for industries ranging from mineral processing to food and pharmaceutical production.

Performance Metrics

Key Operating Metrics

1 micron

Minimum Particle Size

19 Kw

Installed Power

0.85 Mpa

Max Air Pressure

Technical Specifications

Detailed Operating Parameters

Parameter	Value
Input Material Size	< 5 mm
Product Size Range	20-7000 micron
Production Capacity	20-500 kg/h
Air Consumption	20 m ³ /min
Air Pressure	0.7-0.85 Mpa

Applications

Supported Industry Applications

- Non-metallic & Metallic Minerals
- Pesticide Manufacturing
- Rare Earth & Energy Materials
- Food & Health Supplements
- Herbal Medicine Production

Features

Key Capabilities

PLC Control System, Energy-Saving Design, Pollution-Free, Uniform Particle Distribution, Automated Discharging