

Vertical hammermill



Application

The vertical axle hammermill is designed for the most demanding particle size reduction operations, specially in feed milling.



Operation

Special double screw feeder with one inlet doses cereals into the milling chamber. Cereals fine grinding takes place in the milling chamber using special designed hammers in 4 rows. The sieve tray is held in position by pneumatic cylinders. Meal is collected in the lower hopper, which is an integral part of the hammermill housing. Dust handling, air assist and cooling is done by an insertable filter, placed onto the mill housing.

Design

- Robust and simple housing with large inspection doors
- Rotor with reinforced bearings
- Dynamically balanced rotor
- Main motor with reinforced flange connection, direct to the rotor
- Pneumatically operated sieve frame, interchangeable sieve parts for heavy duty application
- Integrated filter unit
- Easy maintenance of spare parts

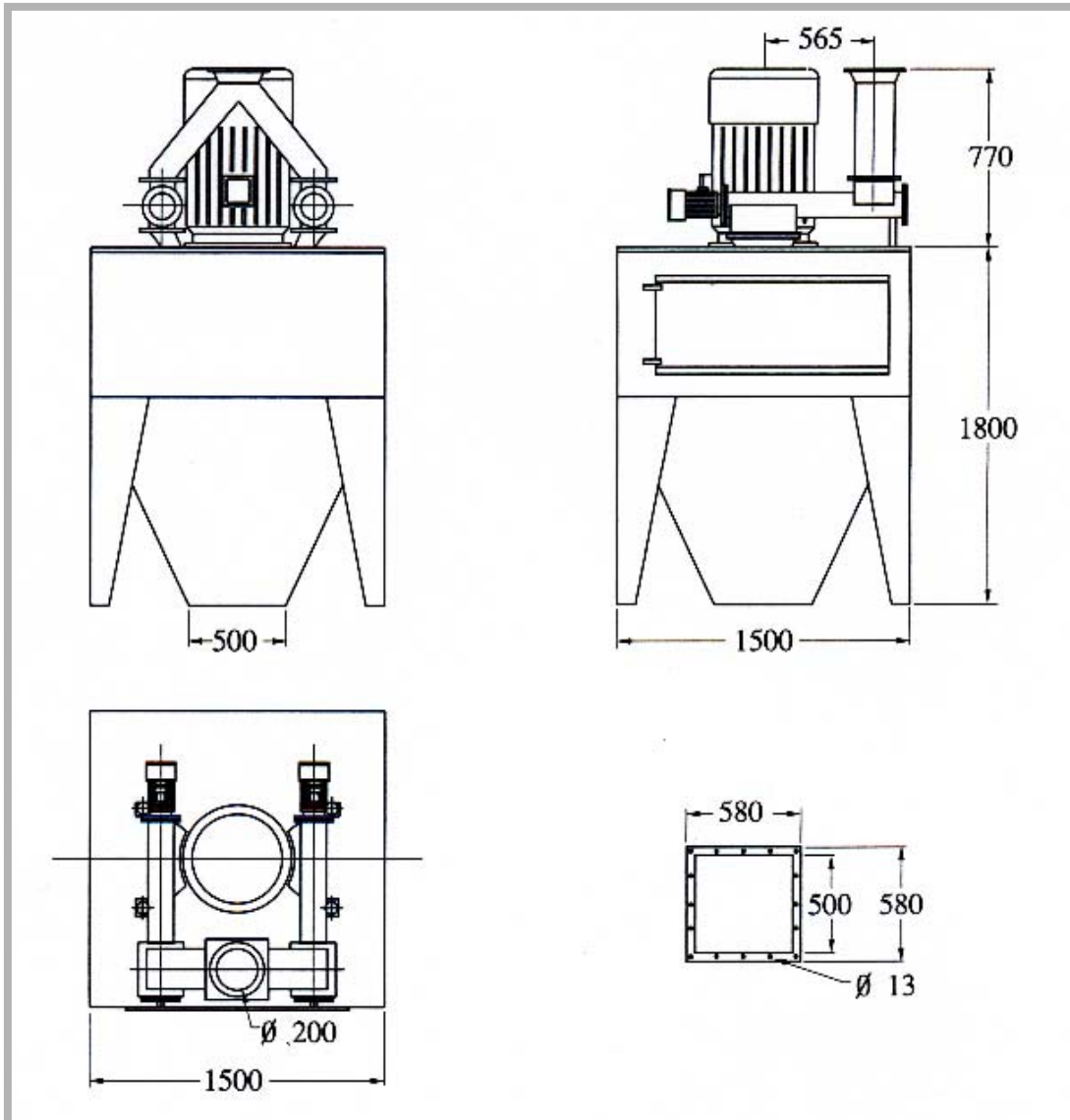
Benefits

- Up to 40 % less energy consumption compared to the conventional hammermills
- Smaller filter unit, less air quantity is required
- Reduced noise level
- Dual rotation
- Easy and fast change of hammers
- High efficiency
- Low dust emission
- Low spare part and service costs
- Control system

Optional extras

- Rotation sensor with door interlock
- Vibration sensor on housing
- Safety lock on sieve holder
- De-stoner





Capacities

Screen hole size [mm]	Ground product	Specific power [kg/kWh]**
Ø 3	Barley	130
Ø 3	Feed formula	160
Ø 3	Maize	210
Ø 4	Barley	205
Ø 4	Feed formula	300
Ø 5	Barley	260
Ø 5	Feed formula	300
Ø 6	Feed formula	330
Ø 8	Feed formula	400

** Values can vary +/- 10% depending on moisture content, quality, etc. of raw materials.