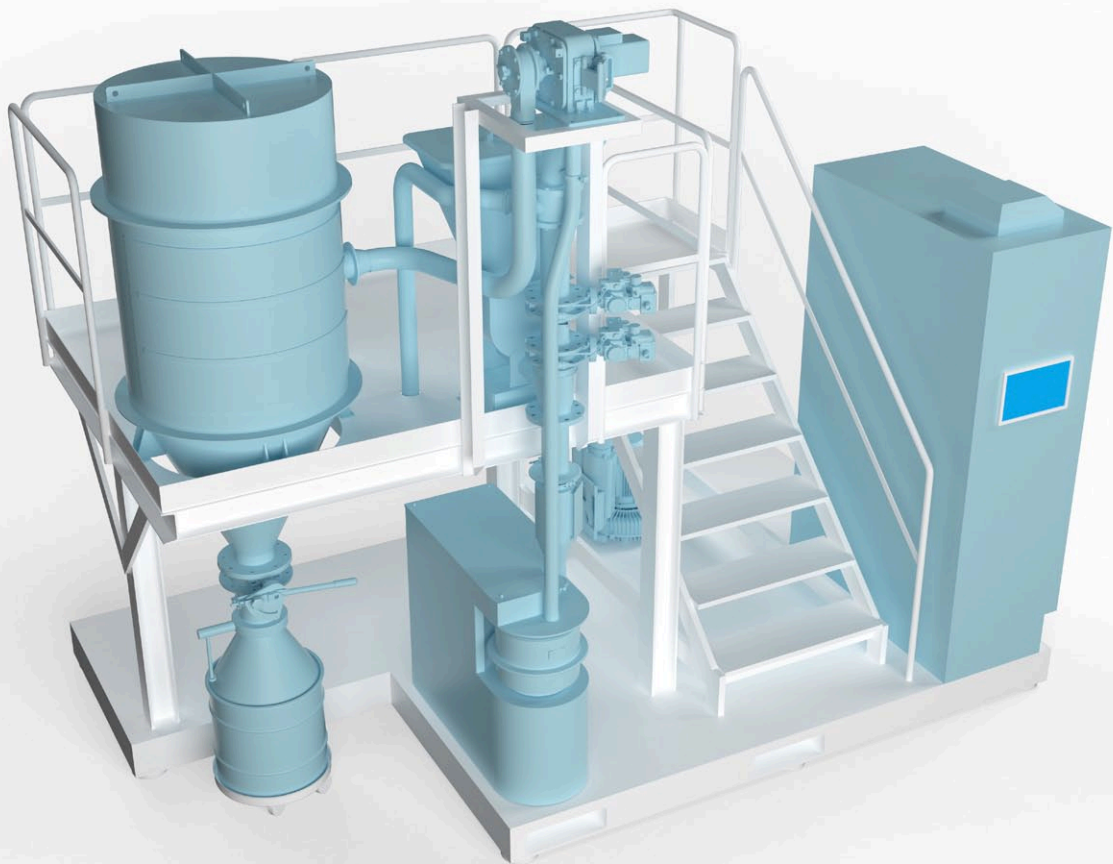


# MaxxMill<sup>®</sup>

## Agitated Media Mill

### Compact pilot grinding plant

Product fineness:  $d_{97} = 3$  up to  $63 \mu\text{m}$   
Throughput: 5 up to 50 kg/h



# Pilot grinding plant with MaxxMill® MM1 for dry fine

**This plant is suitable for the continuous grinding of dry, soft to very hard and abrasive materials.**

## Features

- dry fine grinding
- iron-free grinding possible
- easy and fast accessibility
- temperature measurement inside the grinding media filling
- wear protection for highly abrasive grinding materials possible

## MM1 grinding plant: versatile in use

- as a pilot plant for process development or in the field of research and development
- for the production of small quantities
- as production plant in continuous operation

## Designed for continuous operation

No matter whether you frequently require different materials and finenesses in small quantities or the plant is to operate as a small production plant in continuous operation. The MM1 gives you all the flexibility you need.

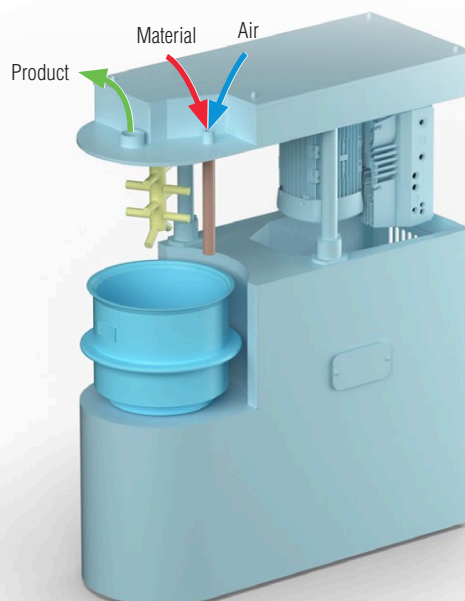
## Compact module, quickly ready for operation

All components of the grinding plant are mounted on a solid base frame to form a transportable module, connected to each other and wired. Before delivery, the grinding plant is parameterised in the EIRICH plant and pre-commissioned without grinding material.

The instruction of the operating personnel and the commissioning with material is carried out under the supervision of an EIRICH process engineer either in our plant or directly at the installation site.

## Good accessibility is guaranteed

- generous arrangement of the system components to each other
- convenient working heights
- mill cover with hydraulic opening device
- no emptying of the mill drum necessary to open and close the mill
- grinding container easy to dismantle
- hinged air classifier



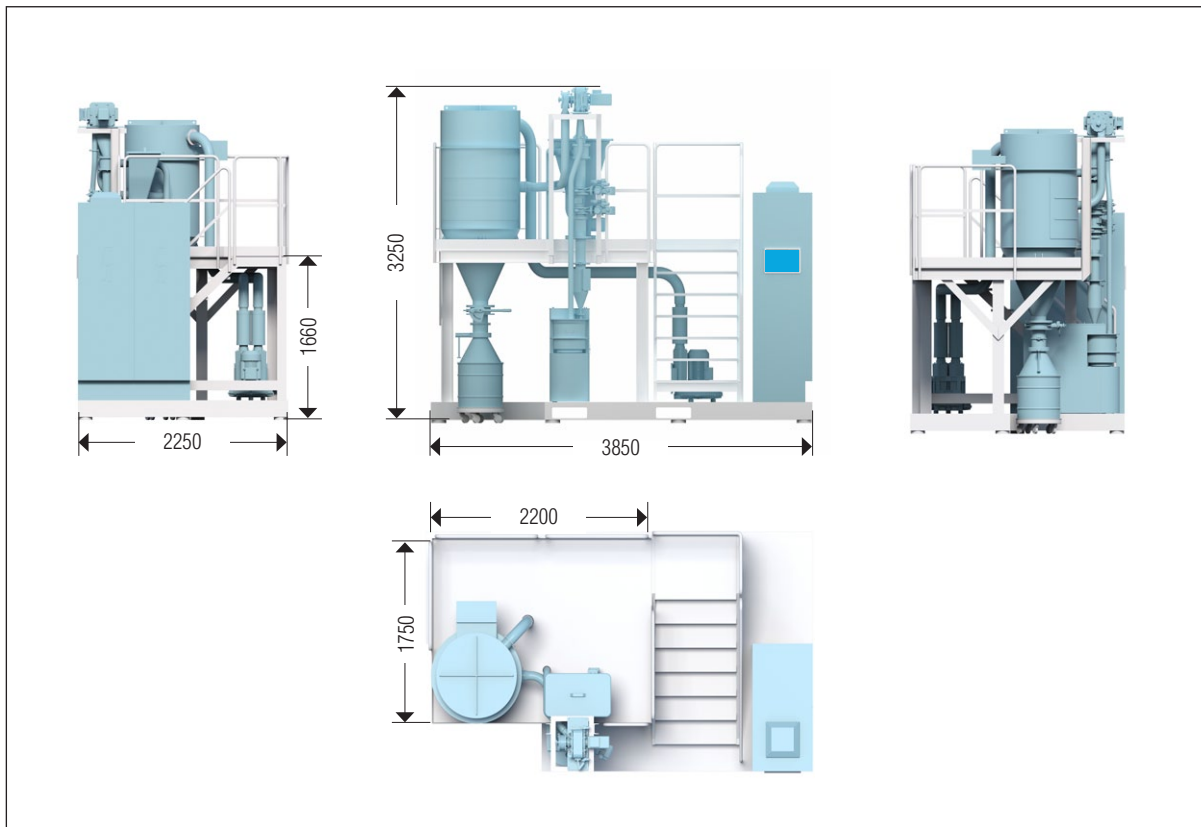
# grinding



## The grinding plant in detail:

1. Volumetric or gravimetric dosing of the mill feed material
2. MaxxMill® agitated media mill type MM1 (V=10 litres)
3. Air classifier for finenesses  $d_{97} = 3$  to  $63 \mu\text{m}$
4. Product filter
5. Turbo fan
6. Plant control system
7. Module frame

## Technical data for your planning\*



**Weight** 3500 kg

### Required media

Voltage 380-480V (AC) / 3ph(+PE) / 50 Hz or 60 Hz  
 Current 30 A  
 Connected load 15 kW  
 Compressed air requirement 10 Nm<sup>3</sup>/h, pressure min 7 bar absolute

### Grinding pan

Useful volume 10 liters  
 Weight 14 kg  
 Filling weight EIDORIT® ball Ø 3mm: 25 kg  
 EIKORIT® ball Ø 3mm: 50 kg

### Process engineering

Feed grain size < 1mm  
 Feed moisture dry  
 Grind hardness 1 to 9 Mohs  
 Product fineness  $d_{97} = 3$  to 63  $\mu\text{m}$   
 Throughput range 5 to 50 kg/h  
 Filling volume feeder 40 liters  
 Useful volume filter pot 60 liters

\* preliminary / without guarantee