

FREWITT 

# EASYMILL

CM, RS & HM



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WE  
CARE  
ABOUT  
MILLING

[WWW.FREWITT.COM](http://WWW.FREWITT.COM)

# EASYMILL

CM, RS & HM

**FREWITT, the world leader in powder size reduction technologies, is committed to support the needs and expectations of its markets. After listening, reflecting and designing, we are pleased to present the EASYMILL range, a system bringing modularity, simplicity and costs savings.**

## SUITABLE FOR THE FOLLOWING INDUSTRIES:



Pharmaceutical



Battery



Chemical



Food

## WHY CHOOSE FREWITT?

1

Perfectly scalable to our laboratory range

2

Highly flexible, in fixed or mobile execution. Lifting option available

3

An optimized and flexible investment, allowing adaption to future process requirements

4

Wide choice of tools available, covering all types of applications

5

Machine developed with our commitment **FREWITT CARES ABOUT YOU**

## THE EASYMILL RANGE AT A GLANCE

### CM-200 & CM-250

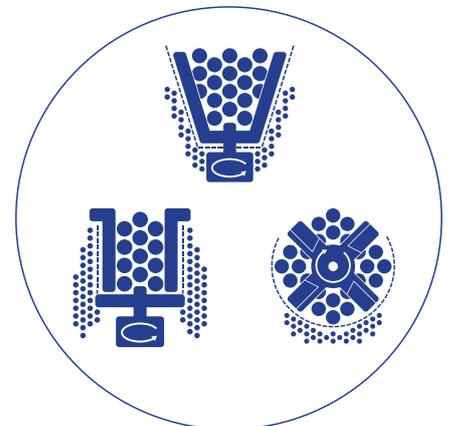
Conical sieve mills, designed for the size calibration and de-agglomeration of any type of powder, dry or wet.

### RS-200 & RS-250

Rotary cylindrical sifters, designed for the de-agglomeration and homogenization of any type of powder, dry or wet.

### HM-3 & HM-6

High-performance hammer mills for the fine milling and pulverization of hard, crystalline, fibrous or ductile products.



### MODULARITY

The EASYMILL concept allows you to combine the conical sieve mill and the rotating cylindrical sifter with a single body.

### PERFORMANCE

Ideal for large-scale production, EASYMILL is designed to run continuously, providing optimal throughput and results.

### FLEXIBILITY

The EASYMILL design allows you to change the milling process within a few seconds.

### SECURITY

Safety is the first priority for all of us. EASYMILL is compliant for use in strict compliance with pharmaceutical industry requirements, as well as with GMP (EHEDG), FDA, ATEX and CE standards.

### COST EFFECTIVENESS

Due to the modular concept of the RS and CM heads, you ensure a rationalization of your investment, but also a better space usage since one machine replaces the footprint of two. You can simply buy your required milling technology and later add to the platform according to your future needs.

# EASYMILL

## CM-200



The EasyMill CM-200 is a high-performance, high-quality conical sieve mill designed for the size calibration and de-agglomeration of any type of powder, dry or wet. Thanks to its design, the CM-200 is easy to integrate in complete process plants.



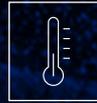
### PROCESS CHARACTERISTICS



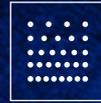
**Dimensional reduction range**  
50mm → 150 µm



**Productivity**  
up to 2'500 kg/h



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



**Product density**  
up to 2 kg/dm<sup>3</sup>

### 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

Length	1520 mm
Width	668 mm
Height	640 mm
Weight	160 kg

### EXECUTIONS



#### Standard

Buttons and digital display  
Inlet funnel  
Outlet funnel  
Mobile stand



#### Optional

Cover  
Compensator EPDM black antistatic, FDA  
Head certified ATEX 2G/D  
Body certified ATEX 3D  
Disconnection module +/- 20 mm  
Frelift 0/+ 1000 mm  
ProFi-Clean 90  
ProFi-Lun  
CIP  
WIP

# EASYMILL

## CM-250



The EasyMill CM-250 is a high-performance, high-quality conical sieve mill designed for the size calibration and de-agglomeration of any type of powder, dry or wet. Thanks to its design, the CM-250 is easy to integrate in complete process plants. With its extraordinary diversity and high performance, this conical sieve mill can be used in any demanding milling process.

### PROCESS CHARACTERISTICS



**Dimensional reduction range**  
50mm → 150 µm



**Productivity**  
up to 5000 kg/h



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



**Product density**  
up to 2 kg/dm<sup>3</sup>

### 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

Length	1570 mm
Width	668 mm
Height	670 mm
Weight	200 kg

### EXECUTIONS



#### Standard

Buttons and digital display  
Inlet funnel  
Outlet funnel  
Mobile stand



#### Optional

Cover  
Compensator EPDM black antistatic, FDA  
Head certified ATEX 2G/D  
Body certified ATEX 3D  
Disconnection module +/- 20 mm  
Frelift 0/+ 1000 mm  
ProFi-Clean 90  
ProFi-Lun  
CIP  
WIP

# EASYMILL

## RS-200



The EasyMill RS-200 is a rotary cylindrical sifter, designed for the de-agglomeration and homogenization of any type of powder, dry or wet.

The RS-200 rotating sieve brings substantial benefits. The centrifugal forces acting on the product and the two changeable stator arms gently and very efficiently convey the product through the sieve openings. Its compact and modular design allows easy integration in nearly all process flows.

### PROCESS CHARACTERISTICS



**Granulometric range**  
up to 150  $\mu\text{m}$



**Productivity**  
up to 15000 kg/h



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



**Product density**  
up to 2 kg/dm<sup>3</sup>

### TECHNICAL CHARACTERISTICS



#### Materials

AISI 316/316L - Ra  $\leq$  0.8  $\mu\text{m}$   
AISI 304/304L - Ra  $\leq$  1.4  $\mu\text{m}$   
EPDM/PTFE/Silicone

Interior  
Exterior  
In product contact, certified FDA



#### Dimensions & weight

Length	1520 mm
Width	668 mm
Height	640 mm
Weight	160 kg

### EXECUTIONS



#### Standard

Buttons and digital display  
Inlet funnel  
Outlet funnel  
Mobile stand



#### Optional

Cover  
Compensator EPDM black antistatic, FDA  
Head certified ATEX 2G/D  
Body certified ATEX 3D  
Disconnection module +/- 20 mm  
Lifting 0/+ 1000 mm  
ProFi-Clean 90  
ProFi-Lun  
CIP  
WIP

# EASYMILL

## RS-250



The EasyMill RS-200 is a rotary cylindrical sifter, designed for the de-agglomeration and homogenization of any type of powder, dry or wet.

The RS-200 rotating sieve brings substantial benefits. The centrifugal forces acting on the product and the two changeable stator arms gently and very efficiently convey the product through the sieve openings. Its compact and modular design allows easy integration in nearly all process flows.

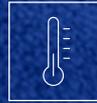
### PROCESS CHARACTERISTICS



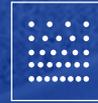
**Granulometric range**  
up to 150  $\mu\text{m}$



**Productivity**  
up to 25000 kg/h



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



**Product density**  
up to 2 kg/dm<sup>3</sup>

### TECHNICAL CHARACTERISTICS



#### Materials

AISI 316/316L - Ra  $\leq$  0.8  $\mu\text{m}$   
AISI 304/304L - Ra  $\leq$  1.4  $\mu\text{m}$   
EPDM/PTFE/Silicone

Interior  
Exterior  
In product contact,  
certified FDA



#### Dimensions & weight

Length	1570 mm
Width	668 mm
Height	670 mm
Weight	200 kg

### EXECUTIONS



#### Standard

Buttons and digital display  
Inlet funnel  
Outlet funnel  
Mobile stand



#### Optional

Cover  
Compensator EPDM black antistatic, FDA  
Head certified ATEX 2G/D  
Body certified ATEX 3D  
Disconnection module +/- 20 mm  
Lifting 0/+ 1000 mm  
ProFi-Clean 90  
ProFi-Lun  
CIP  
WIP

# EASYMILL

## HM-3



The EasyMill HM-3 is a hammer mill that guarantees optimum milling results in the fine milling and pulverization of hard, crystalline, and fibrous products. The HM-3 is used for laboratory applications, small batch production as well as for large capacity production. Thanks to its design, it is easy to integrate in nearly any process flow. It is constructed to ensure optimum and reliable production in GMP and High Containment, even for very hard products.



### PROCESS CHARACTERISTICS



**Dimensional reduction range**  
10 mm → 30 µm



**Productivity**  
up to 700 kg/h



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



**Product density**  
up to 2 kg/dm<sup>3</sup>

### 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

Length	1270 mm
Width	668 mm
Height	970 mm
Weight	160 kg

### EXECUTIONS



#### Standard

Buttons and digital display  
Inlet funnel  
Outlet funnel  
Mobile stand



#### Optional

Cover  
Compensator EPDM black antistatic, FDA  
Head certified ATEX 2G/D  
Body certified ATEX 3D  
Disconnection module +/- 20 mm  
Lifting 0/+ 1000 mm  
ProFi-Clean 90  
ProFi-Lun  
Volumetric feed dispenser  
WIP

# EASYMILL

## HM-6



The EasyMill HM-6 is a hammer mill that guarantees optimum milling results in the fine milling and pulverization of hard, crystalline, and fibrous products. The HM-6 is used for laboratory applications, small batch production as well as for large capacity production. Thanks to its design, it is easy to integrate in nearly any process flow. It is constructed to ensure optimum and reliable production in GMP and High Containment, even for very hard products.

### PROCESS CHARACTERISTICS



**Dimensional reduction range**  
10 mm → 30 µm



**Productivity**  
up to 2000 kg/h



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



**Product density**  
up to 2 kg/dm<sup>3</sup>

### 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

Length	1320 mm
Width	668 mm
Height	1050 mm
Weight	200 kg

### EXECUTIONS



#### Standard

Buttons and digital display  
Inlet funnel  
Outlet funnel  
Mobile stand



#### Optional

Cover  
Compensator EPDM black antistatic, FDA  
Head certified ATEX 2G/D  
Body certified ATEX 3D  
Disconnection module +/- 20 mm  
Lifting 0/+ 1000 mm  
ProFi-Clean 90  
ProFi-Lun  
Volumetric feed dispenser  
WIP



WORLDWIDE PRESENCE



FREWITT HEADQUARTERS

**Frewitt manufacturer of machines Ltd.**

Route du Coteau 7  
1763 Granges-Paccot  
Switzerland

**Postal address**

P.O. Box  
1701 Fribourg  
Switzerland

P: +41 26 460 74 00  
info@frewitt.com  
www.frewitt.com

**Frewitt Pharma Machinery  
(China) Co. Ltd.**

1029 Shenfu Road,  
Xinzhuang Industrial Zone  
201108 Shanghai  
China

P: +86 21 548 32950  
info@frewitt-china.cn  
www.frewitt-china.cn

**Frewitt USA, Inc.**

249 Homestead Road,  
Building 5, Unit 8  
Hillsborough, NJ 08844  
USA

P: +1 908 829 5245  
info@frewitt-usa.com  
www.frewitt-usa.com