

FREWITT 

# FLEXMILL

CC-3 & CC-6



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MILLING

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# FLEXMILL CRUSHER CC-3 & CC-6



The concept behind the FlexMill Crusher allows for the machine to be easily converted from an oscillating mill to a crusher for products with an input size between 3-15 cm, reducing them to pieces of 1-2 cm. An intelligent system integrated into the mill allows the rotor to reverse if the rotor becomes blocked. This function prevents an amperage overload of the system and ensures a continuous process without the machine shutting down.

After crushing the product, the operator can remove the crusher tool element, replacing it with OscilloWitt tools, hence reducing a product from up to 5 cm to a final size of 250 µm, with a single machine, specially designed to mill, as well as deagglomerate heat-sensitive and difficult-to-process products.

## SUITABLE FOR THE FOLLOWING INDUSTRIES:



Pharmaceutical



Battery



Chemical



Food

## PROCESS CHARACTERISTICS



### Throughput

Crusher CC-3:

up to 650 kg/h\*

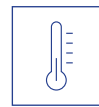
Crusher CC-6:

up to 1000 kg/h\*



### Particle size range

down to 1cm



### Product temperature range

-20°C to +60°C



### Product density

up to 2 kg/dm<sup>3</sup>

\*The flow rate depends on product characteristics and particle size

## ADVANTAGES

- A very broad spectrum of applications for any type of dry, moist (not sticky), hard, cryogenized or heat-sensitive powder
- Extreme production flexibility due to a unique modular concept which allows quick tool interchange
- Clear GMP-capable concept for smooth, reproducible production
- High production safety offering the ATEX-certified concept for zones 0/20 down to an EMI of >1mJ
- Reduced operational costs due to the unique oscillating and crushing modular concept
- Simple and fast to clean; Washing-in-Place (WIP) available as option
- Reduced energy consumption
- Versatile use is made possible by a large selection of tooling elements





CC-3

CC-6



## TECHNICAL CHARACTERISTICS



### Materials

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

Interior  
 Exterior  
 In product  
 contact,  
 certified FDA

## EXECUTIONS



### Standard

ATEX certified for zones  
 0/20 down to an EMI of >  
 1mJ



### Optional

WIP



### Dimensions & weight

Length (CC-3)	1299 mm
Length (CC-6)	1343 mm
Width	860 mm
Height	1417 mm





WORLDWIDE PRESENCE



04/24

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