

Grinder WMS-C

For small capacities

- One-, two- or three-stage crushing
- Simple roller exchange
- Central drive
- Dust-tight design for the chemical and pharmaceutical industries



Grinder WMS-C

The grinders of the WMS-C series have been designed especially for small capacities.

The chemical grinder WMS-C ensures low-dust crushing with narrow particle size distribution.

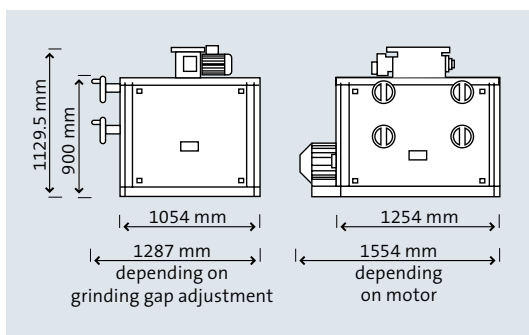
The narrow particle size spectrum is achieved by means of a continuous compressive-shear-stress between two corrugated rolls and a defined roll gap.

Characteristics:

- One-, two- or three-stage, phased grinding
- Central drive via poly-V-belt and double sided timing belt
- Uniform particle size distribution with low dust content
- Dust-tight design
- Sound insulation of the complete grinder
- Precision gap adjustment

Design and options:

- All product-contacting parts are made of stainless steel, material No. 1.4571
- Electrical switch cabinet
- Cooling rolls
- Aspiration connection
- Magnet above feeder



Product examples:

The grinders WMS-C crush soft, brittle or sticky products, such as:

SAP	polymer
urea	potash
polyacrylate	phenolic plastics
calcium sulphate	ammonium nitrate
pectine	crushed tablets
ammonium bicarbonate	electronic waste

- Maximum product hardness: 4 - 6 Mohs
- Achievable product fineness: approx. 100 μm
- Narrow particle size spectrum of the final product

Range of capacities:

3 roll lengths:	200 – 400 – 600 mm
Roll diameter:	200 mm

Roll grinder WMS-C possible combinations:

Type WMS-C 1:	one grinding section
Type WMS-C 2:	two grinding sections
Type WMS-C 3:	three grinding sections

