



# ROLLER GRINDER LWM 100



## TECHNICAL FEATURES

- ▶ Reproducible grinding results
- ▶ Grinding with defined particle size distribution
- ▶ Two-stage grinder
- ▶ Quick and easy replacement of the rolls
- ▶ Individual drives with separate, continuously adjustable speed control
- ▶ Highly flexible application
- ▶ Disengagement of the roll in case of foreign particle passage
- ▶ Control via touch screen
- ▶ Engineering platform TIA-portal

## OPTIONS

- ▶ Bearing temperature measurement
- ▶ Vibration cleaning system
- ▶ Automatic vibration feeding unit

## TECHNICAL DATA

**Roll diameter** 250mm

**Roll length** 100mm

**Circumferential speed** up to 16 m/sec (continuous)

**Connected load** 4× 2.2 kW

**Collecting bin** approx. 20 l

**Swerving of the rolls in case of foreign particle passage**

The LWM 100 is particularly suitable for use in laboratories, for quality control and for small-scale production. With its highly flexible control system, it is the ideal device for your product optimisation. With the LWM 100 you can define all operational data for the desired re-producible result.

The compact grinder is consequently designed for maximum flexibility and minimum cleaning effort. All components are integrated in one housing with isolated grinding chamber for contamination-free operation. Due to the separation of grinding chamber and drive unit in combination with an easily removable product guiding system, the grinder complies with the highest demands.

The chamber surfaces are electro polished for minimum roughness and all product-contacting parts are made of stainless steel. The rolls consist of the proven, specially surface-treated chilled cast iron or optionally of stainless steel.

The quick clamping system provides for fast change of rolls. The wide range of available corrugations and the precise gap adjustment allow highest versatility in grinding applications.