

# GRINDING UNITS FOR LABORATORIES



## >>> FIELD OF APPLICATION

Any type of laboratory used to analyse, develop and optimise an industrial product. These units are mainly used in the mineral and ceramic sectors, such as in tile or brick laboratories or geology or material research laboratories.



## >>> TECHNOLOGIES USED

- Primary grinding stage using a Crusher with 2 or 3 Toothed Rolls (ER 100x400 or EC 100x400 type), making it possible to obtain a 0/10 mm product (variable according to applications).
- Secondary grinding stage using a Crusher with 2 Smooth Rolls (BCL 200x200 type), making it possible to obtain a 0/1 mm product (variable according to applications).

## >>> TECHNICAL CHARACTERISTICS

- Variable flow rate from 50 to 500 kg/hour, depending on the application and processed material.
- Manual feed, usually in batches of 5 to 50 litres.
- Disposal in 50-litre European crates.

## >>> DESIGN

These laboratory devices are mainly integrated with small **CE-certified stand-alone units** with a compact design that can be **fixed or mobile**. These units generally consist of a support frame and a feed hopper **secured** during operation, an electrical control box and, if necessary, a vibrating feed unit or an output sifter. These products are available **either in painted steel or stainless steel**. Each unit is based on a **specific design** according to the application's CDC and the existing environment.



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