

## UTILISATION

The grinding machine **1 03 27** is a compact bench machine designed for the grinding of the two faces of little cylindrical samples (plugs).

The machine uses a diamond grinding wheel with glass-binder D46 Ø 150 mm. The sample, clamped on a specific device, is mounted on an oscillating sample holder.

The turn of the set sample / sample holder is done without unclamping the sample. This will allow a perfect parallelism of the two faces.

The watering (by flexible pipe) is directed to the wheel. A device including a micrometer controls the feed of the sample to grind.

A polypropylene tank collect the cooling water and the mud produced by the grinding process.

A front protection device prevent splashes.

## CHARACTERISTICS

### Electrical

- Motor 0,5 CV, 2950 tr/min (230/400V three phase 50-60 Hz) (single phase 230V 50Hz in option)
- Emergency stop

### Wheel

Diamond grinding wheel with glass binder D46 Ø 150 mm

### Watering

by flexible pipe with stop cock.

Water in: Ø12mm

Water out: Ø25mm

### Capacity

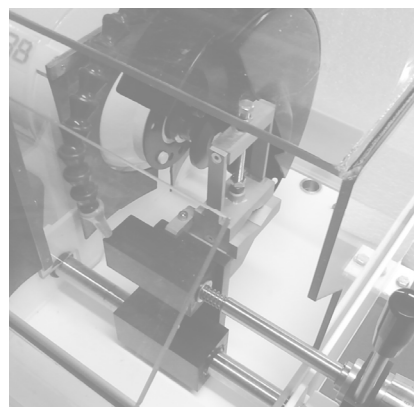
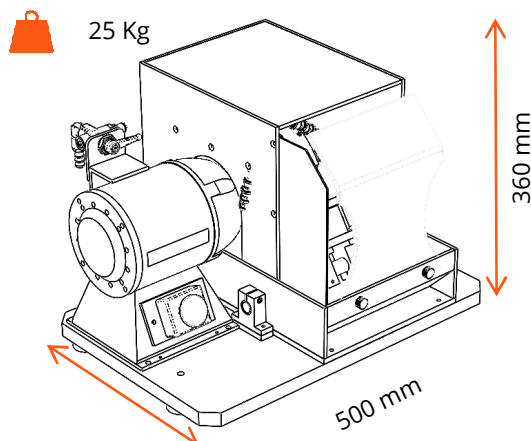
Plugs up to Ø38mm (1.5").

### Option

Diamond grinding wheel with glass binder

D30 Ø 150 mm

single phase 230V 50Hz



Updated in august 2020

