

CONCRETE & ROCK GRINDER

101-C0099-20 & 101-C0099-21

MatCivTest

MATERIAL CIVIL TEST EQUIPMENT

101-C0099-20 CONCRETE & ROCK GRINDER

101-C0099-21 GRINDER CONCRETE CYLINDER - AUTOMATIC, TANK UNDER



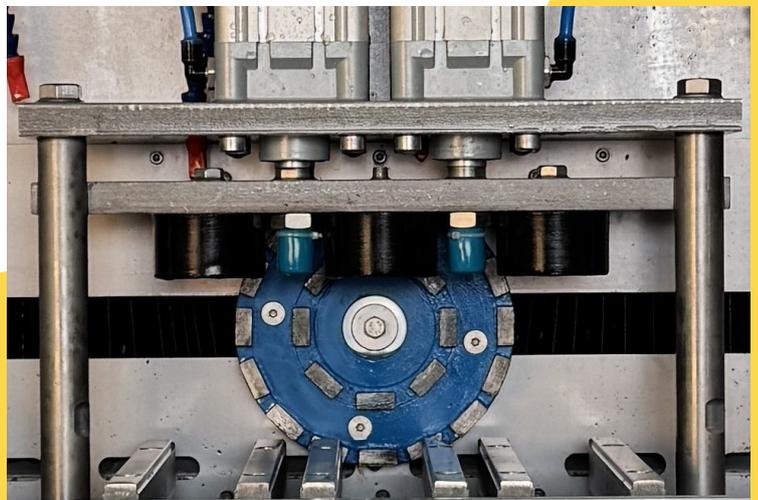
Automatic Sample Grinding Machine with **Fully Enclosed Cabinet**

Performance the device can complete the abrasion process for 3 specimens of 100x200 mm and 2 specimens of 150x300 mm in **54 seconds**

Fully automatic 7" touchscreen controller for different sample sizes cuttings speeds and depths, Grinding characteristics can be set in a single operation. Ready to use method-based software.

- Concrete 100x200 mm, 150x300 mm 160x320 mm
- Rock core samples ranging from 38 mm to 100 mm

Once the grinding process is completed, this device can be automatically cleaned (washed) at the end of the day.



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Software features

- The number of completed specimens can be recorded in the device's memory.
- The diamond blade's cycle count lifespan can be automatically recorded.
- Software update feature according to the need of the user.
- During the abrasion process, features such as time, step count, total (mm), remaining (mm), and diamond blade directional movements can be easily monitored on the screen.



Mechanical Design

All mechanical components on the device, including linear guides, linear bearings, slides, and rails, do not come into contact with water.

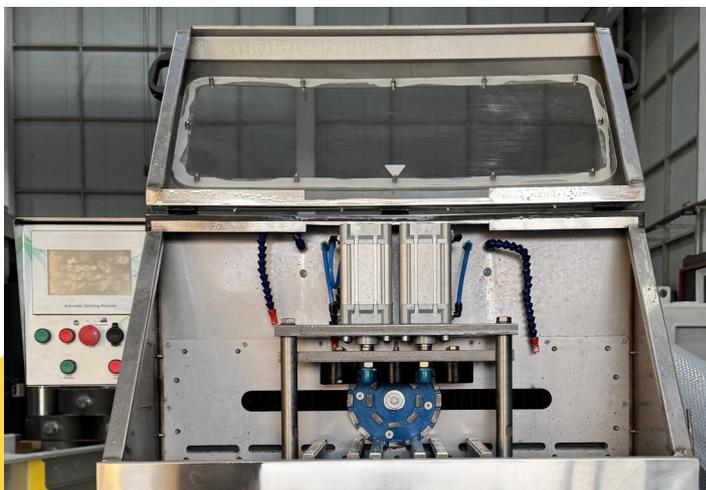
This design ensures that issues such as rust and deterioration will not occur.

Direct drive system without any external shaft assembly. This eliminates potential problems like changing an external shaft (diamond blade) in the future.

Drainage outlets for dirty water are appropriately sized to minimize problems such as blockages and accumulation.

NOTE Base price excludes Water tank system

The device operates with 220-240V, 50-60Hz, 1ph



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OPTIONAL ACCESSORIES

External water tank recirculation system is typically required. One water tank can be used for two Grinding machines Refer Product code 101-C0099-25

Surface flatness control device can be connected with this system, allowing the touchscreen on the device to control specimen surfaces with a precision of 0.01 degrees. Measurement results can be digitally tracked on the Touch screen and recorded in Excel format on a USB flash drive

The FastFlat device is electronically and software compatible with other devices in the product family



Spare Parts

101*-C0099-99 Replacement Dimond grinding blade

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