

CONCRETE & ROCK CORE SAW

101-C0177-20 & 101-C0177-21

MatCivTest
MATERIAL CIVIL TEST EQUIPMENT

101-C0177-20 CORE—CONCRETE & ROCK CUTTER SAW

101-C0177-21 CORE—CONCRETE & ROCK CUTTER SAW, TANK UNDER



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

Fully Automatic Core Cutting Machine Sample Preparation

Automatic electronic control system

Cut all cylinder core samples from 38mm to 110mm

Typical 3 pieces of 100 x 200 with an accuracy of 0.1 degrees

Automatic water spray against dust

Performance the device can complete the cutting process for 3 specimens of 100x200 mm and 2 specimens of 150x300 mm in **120 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 cutting process is completed, this device can be automatically cleaned (washed) at the end of the day.

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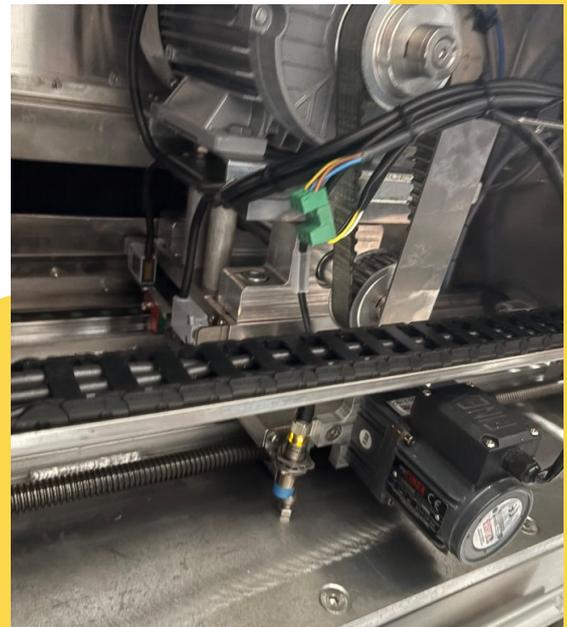
Software features

- 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.



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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

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

Pneumatic Clamping system

Uses the same clamping system that is offered in the Concrete cylinder grinder

Note Requires an external Air supply



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