



## Rock Core Cutter and Masonry Saw

**Standards:** [ASTM D4543](#), [ASTM C42](#), [EN 12390-3](#),  
[EN 12504-1](#)



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### Description

Our [Rock Core Cutter and Masonry Saw](#), designed for precision in preparing concrete, rock, or natural stone cores and test specimens, comes in two distinct models. The inclusion of a special "V" block clamp assembly ensures secure specimen positioning during cutting operations.

The machines are supplied complete with a circulation water pump and cutting blade, while the special clamp assembly is available as a separate order. For those requiring a 220 V power supply, kindly specify at the time of order placement.

### Rock Core Cutter and Masonry Saw NG-CoreTrim 450

Introducing the NG-CoreTrim 450 - Rock Core Cutter and Masonry Saw: Engineered as a Universal Cutting solution, it precisely cuts hardened concrete, rock, and natural stone test specimens to the required sizes for testing. 450mm diameter blade with 175mm cutting depth and 420mm maximum cutting stroke.

Supplied with a special V Block clamp assembly and a water circulation pump, accompanied by a fixing arm designed for 100 mm diameter samples. Custom clamping fixtures can be



ordered separately.

Please note, cutting blades need to be **separately ordered**. Streamline your cutting process with NG-CoreTrim 450 – the ultimate cutting masonry solution. CSA Certified.

## Rock Core Cutter and Masonry Saw NG-CoreTrim 450 Technical Specifications

NG-CoreTrim 450	
Blade Diameter	450mm
Cutting Depth	17.5cm
Cutting Length	42cm
Engine Power	4HP – 380 V
Water Pump Power	0.37HP – 220V
Weight	298lbs / 135kg
Dimensions	43.31" x 27.95" x 53.15" / 110 x 71 x 135 cm



## Rock Core Cutter and Masonry Saw NG-CoreTrim 600



The NG-CoreTrim 600 - Rock Core Cutter and Masonry Saw: Engineered as a Universal Cutting solution, it precisely cuts hardened concrete, rock, and natural stone test specimens to the required sizes for testing. 600mm diameter blade with 250mm cutting depth and 500mm maximum cutting stroke.

Supplied with a special V Block clamp assembly and a water circulation pump, accompanied by a fixing arm designed for 100 mm diameter samples. Custom clamping fixtures can be ordered separately.

Please note, cutting blades need to be **separately ordered**.



## Rock Core Cutter and Masonry Saw NG-CoreTrim 600 Technical Specifications

NG-CoreTrim 600	
Blade Diameter	600mm
Cutting Depth	25cm
Cutting Length	50cm
Engine Power	5.5HP – 380 V
Water Pump Power	0.37HP – 220V
Weight	364lbs / 165kg
Dimensions	48.03" x 31.89" x 59.06" / 122 x 81 x 150 cm



## Who can benefit from Rock Core Cutter and Masonry Saw?

### Educational Facilities:

1. **Universities and Research Institutions:** Essential for research projects and educational purposes, providing students and researchers with hands-on experience in materials testing.
2. **Technical Colleges:** A practical tool for teaching and learning about materials testing techniques and procedures.

### Professionals and Industries:

1. **Construction Companies:** Ideal for precise cutting of hardened concrete, rock, and natural stone specimens, ensuring accuracy in testing.
2. **Materials Testing Laboratories:** Essential for preparing samples to the required sizes for comprehensive testing procedures.
3. **Engineering Firms:** A valuable tool for engineers working on projects that require accurate sizing and testing of core specimens.
4. **Quality Control Departments:** Ensures precision in the QA of materials through standardized testing.
5. **Geotechnical Testing Services:** Facilitates the preparation of rock and concrete cores for geotechnical investigations.

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