

# CORE CUTTING MACHINE

## Why Cut Core Samples in Half?

Cutting the core exposes the inner structure of the rock for geological, geochemical, and petrological studies. Half is retained as a reference (for future re-analysis), while the other half is analyzed.

**Water Cooling System** – Reduces heat and dust, extending blade life and preserving sample integrity.

**Adjustable Cutting Speed** – Allows optimal performance for various rock hardness levels.

**Splash Guards** – Protects the operator from debris and water splashes.

**Safety Measures** – Provides safe operations with blade guard and emergency stop button.

Cutting Type	<b>Wet cutting with water circulation</b>	
Blade Type	<b>Replaceable diamond blade</b>	-
Blade Diameter	<b>350</b>	mm
Core Diameter Capacity	<b>N, H, P</b>	-
Core Length Capacity	<b>100</b>	cm
Blade Rotation Speed	<b>1480</b>	rpm
Travel Speed	<b>Adjustable</b>	-
Motor Power (Travel)	<b>1,5</b>	kW
Motor Power (Blade)	<b>4</b>	kW
Power Supply	<b>380-400 / 50-60</b>	V / Hz
Blade cooling	<b>Water</b>	-
Core Clamping Platform	<b>Fixed</b>	-
Dimensions (L x W x H)	<b>202 x 85 x 118</b>	cm
Weight	<b>380</b>	kg

