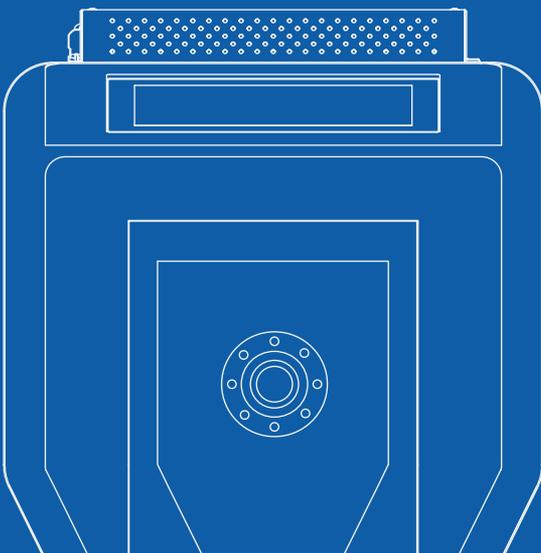
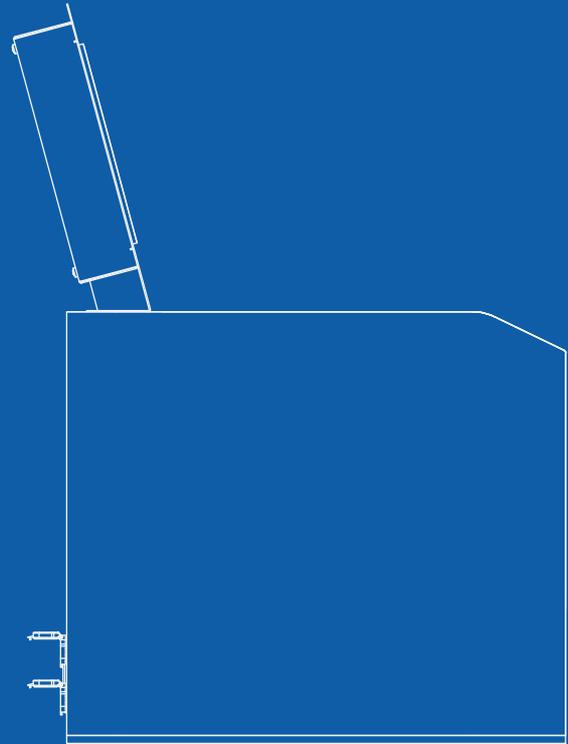
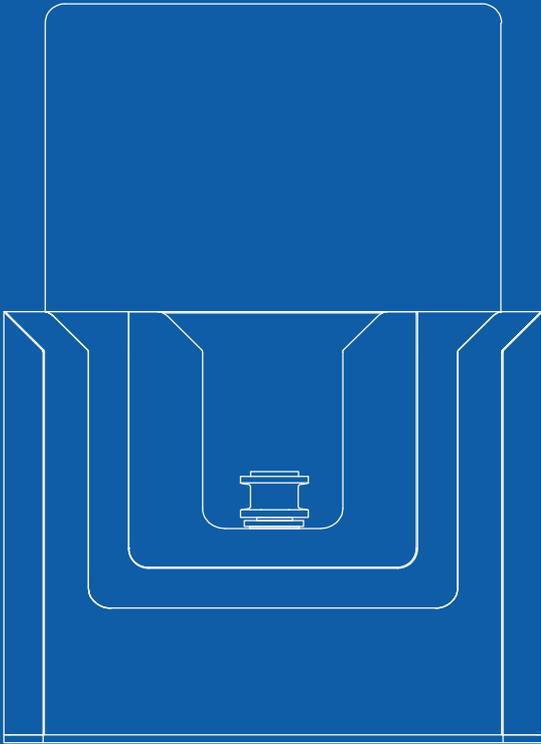


MARMO PRESETTER







We proudly represent one of the leading Italian companies in the metal-mechanical sector, specializing in manufacturing diamond tools, machines and plants for processing ceramic, natural and synthetic stone.

Internationally acclaimed, we boast the highest number of patents, utility models, and industrial designs in the stone industry, filed, extended, and confirmed on a global scale.

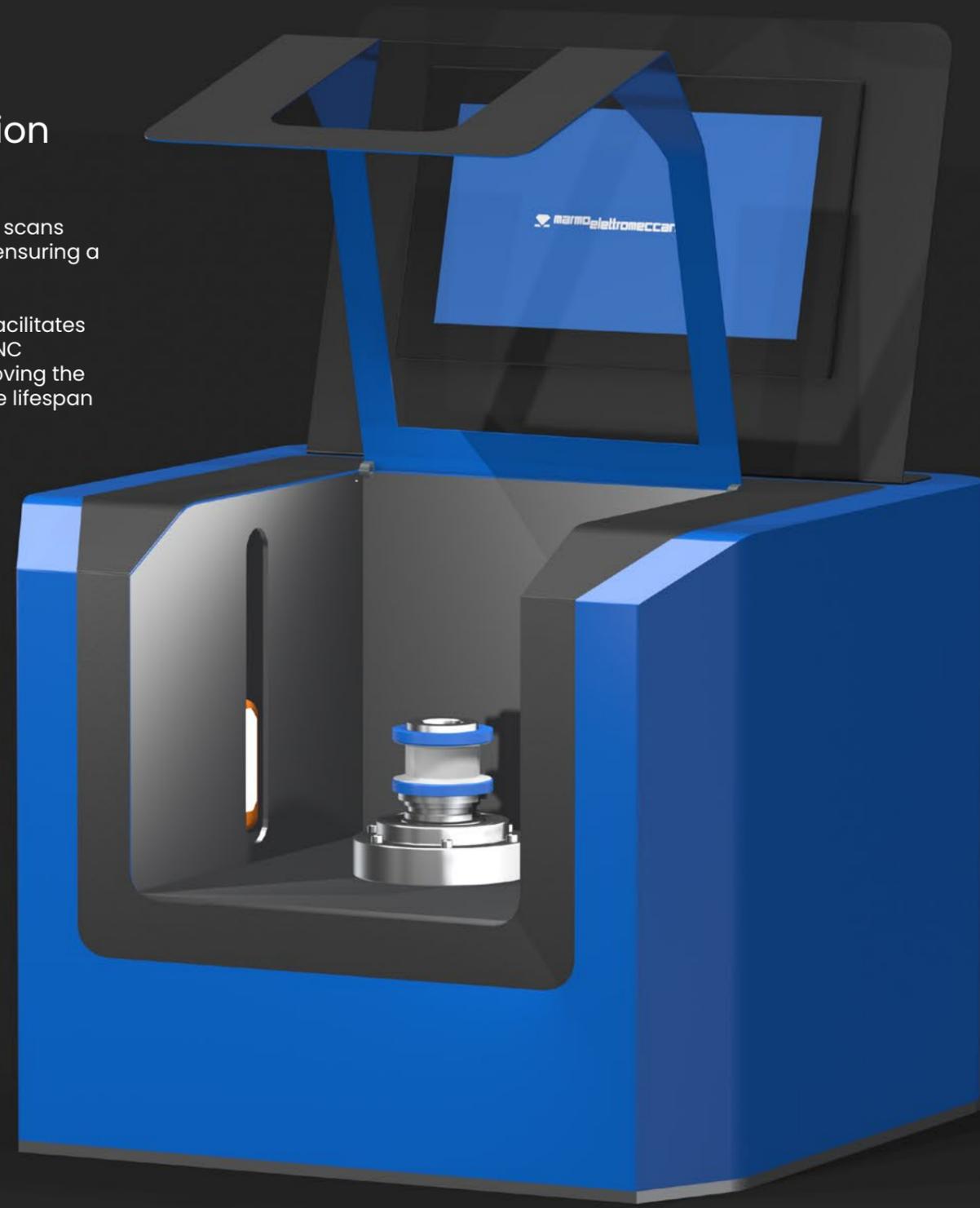


MARMO PRESETTER

Innovation and Tradition in Stone Processing

This innovative, fully automated device scans CNC tools with centesimal tolerances, ensuring a quick and precise setup.

Thanks to its advanced technology, it facilitates the correct tool setup directly on the CNC machine, optimizing setup times, improving the quality of machining, and extending the lifespan of the tools themselves.



Integrated Panel PC
Large touchscreen with a simple and intuitive interface



User Safety
The movable door ensures user protection



Dual Voltage
Operates at 110V and 220V to accommodate both small workshops and large industrial facilities



Advanced Features
Advanced remote access via smartphone and full integration with CNC machines



Smart Camera
Next-generation smart camera with Z-axis movements for fast and precise scanning



Stepper Motor
High energy efficiency, longer lifespan, and consistent performance in all operating conditions

Why process with MARMO PRESETTER?

Using the **MARMO PRESETTER** allows you to accelerate and optimize the entire tool setup process on a CNC machine.

Thanks to the automated precision of the scanner, it is possible to perfectly set the tool, ensuring a precise setup on the CNC machine.

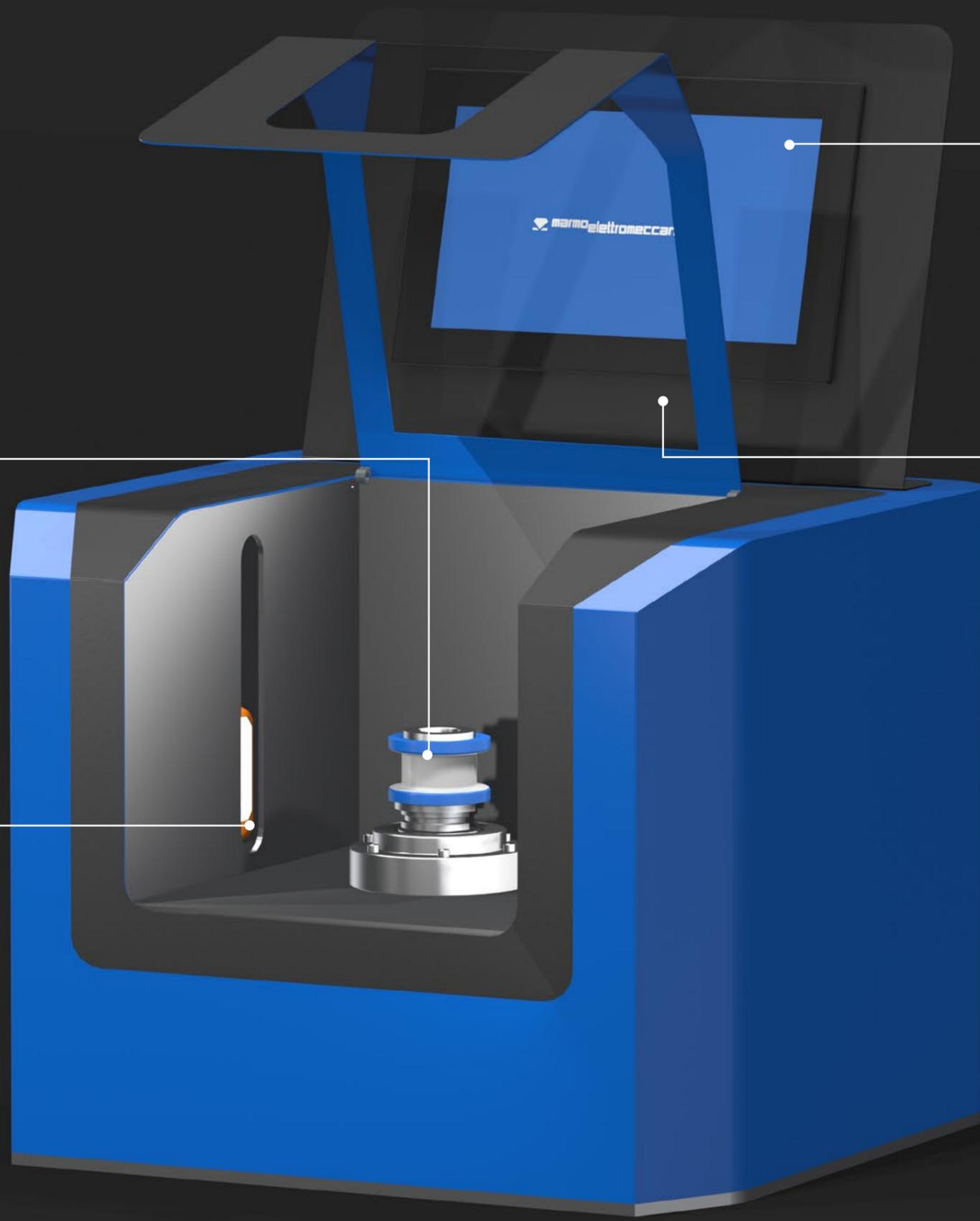
This not only reduces installation time but also significantly extends the tool's lifespan by preventing premature wear caused by less accurate manual settings.



marmo **elettromeccanica**

Main

Functions



Profile Wheel

Thanks to the CNC ISO40 cone, the manual insertion of the tool is extremely simple and safe. Once positioned, the tool automatically rotates 360 degrees to allow a complete and precise scan of the entire profile diameter, even with the most complex geometries.

Smart camera

The next-generation smart camera performs thousands of scans per second, ensuring centesimal precision. Its automatic movement along the Z-axis allows for detailed scanning of the tool at different heights, providing a complete and precise profile in extremely short times.

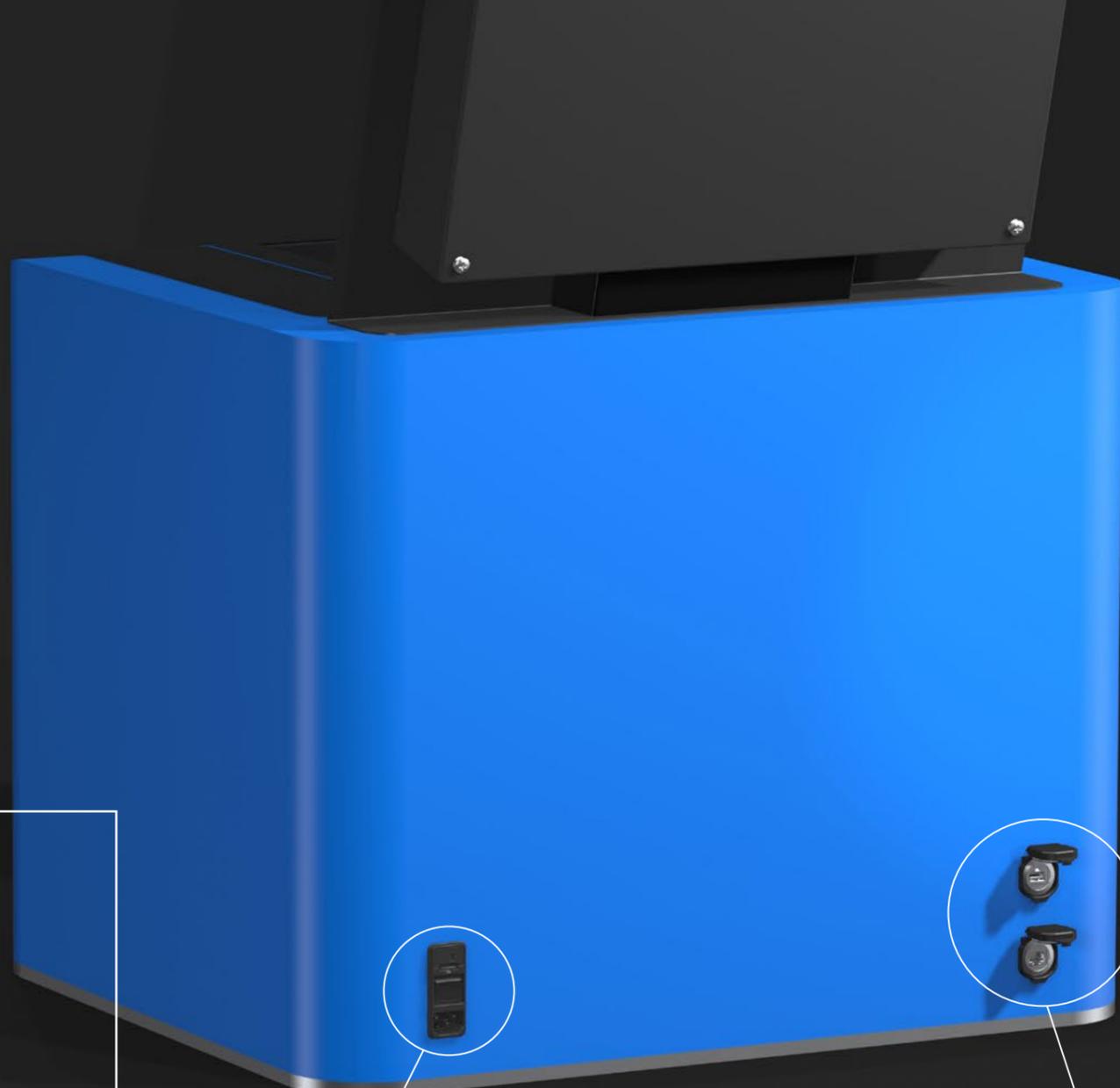
Display 15,6" – Touch Screen

The system features a large display with a user-friendly interface that enables simple and intuitive management. The user can control and monitor all system functions as easily as using a smartphone, making the process extremely straightforward.

Protective Door

During tool scanning, the protective door ensures maximum user safety and protection against dust. The transparent part of the door allows for monitoring of the tool inside, providing visibility without compromising safety.

Power On and Connections



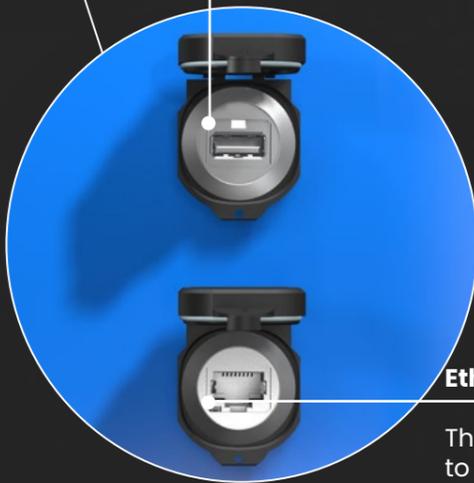
Start Button

The machine is equipped with a simple Start and Stop button, allowing it to be turned on or off with a single gesture.



USB Port

The machine features a USB port for connecting devices such as printers or external storage.

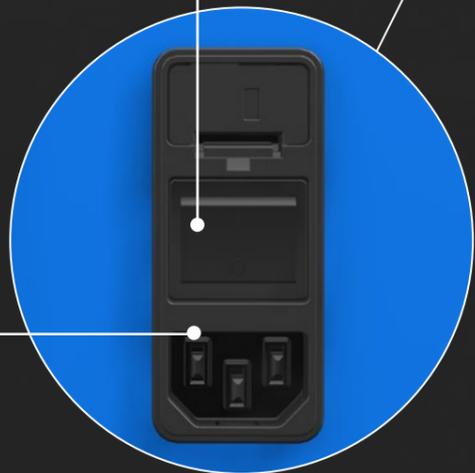


Ethernet Port

The Ethernet port allows the machine to connect to the internet for software updates and remote assistance.

Power Connection

The power connection uses a standard PC monitor cable and supports both 220V and 110V, ensuring flexibility and adaptability to different operational contexts.



Automatic Movements

ROTATION ON ISO CONE 40

The machine is fully automated.

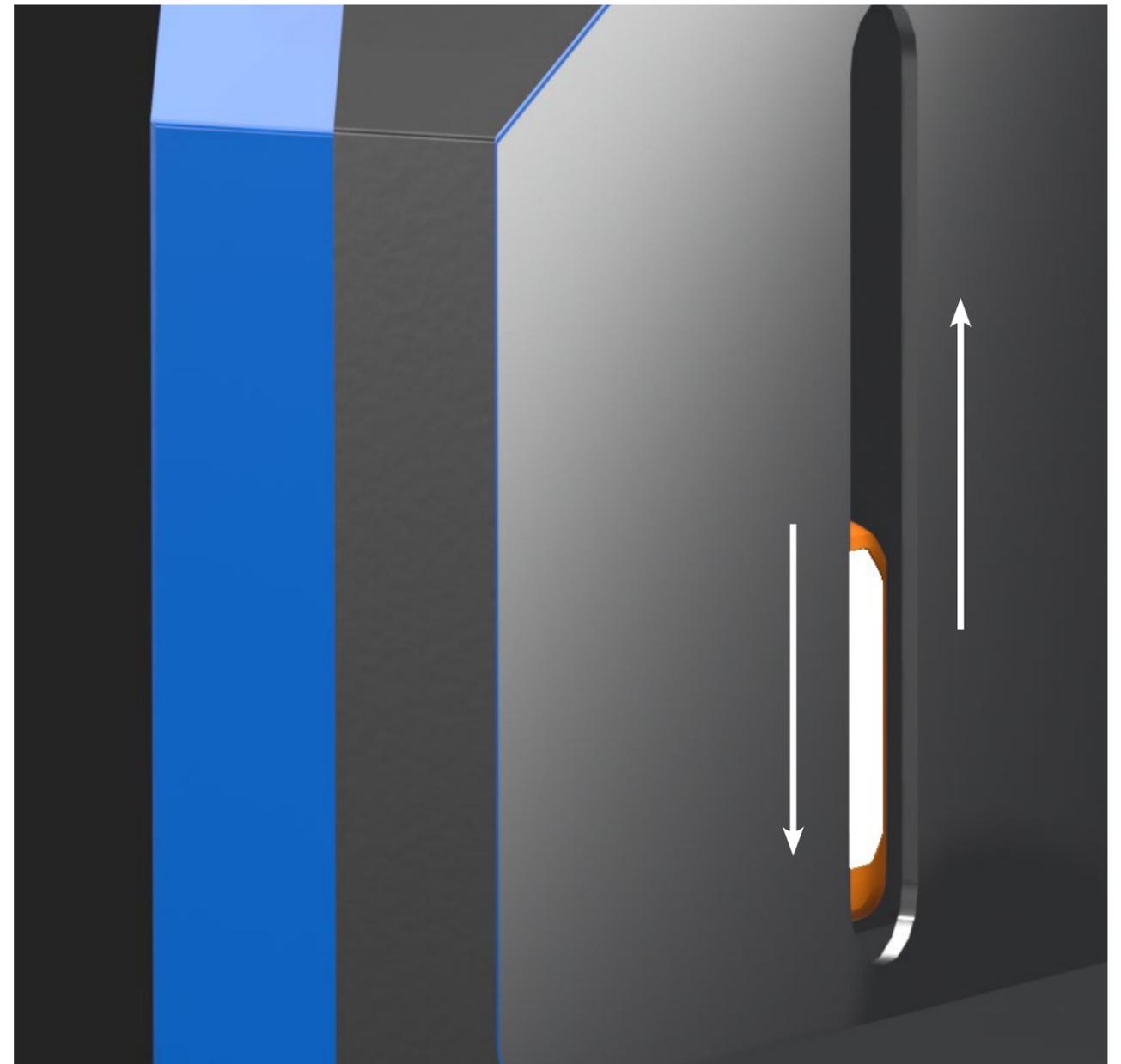
Once the scanning process is started, the tool automatically rotates 360°, allowing for a complete scan of the entire wheel diameter.



SMART CAMERA

The next-generation Smart Camera automatically moves along the Z-axis.

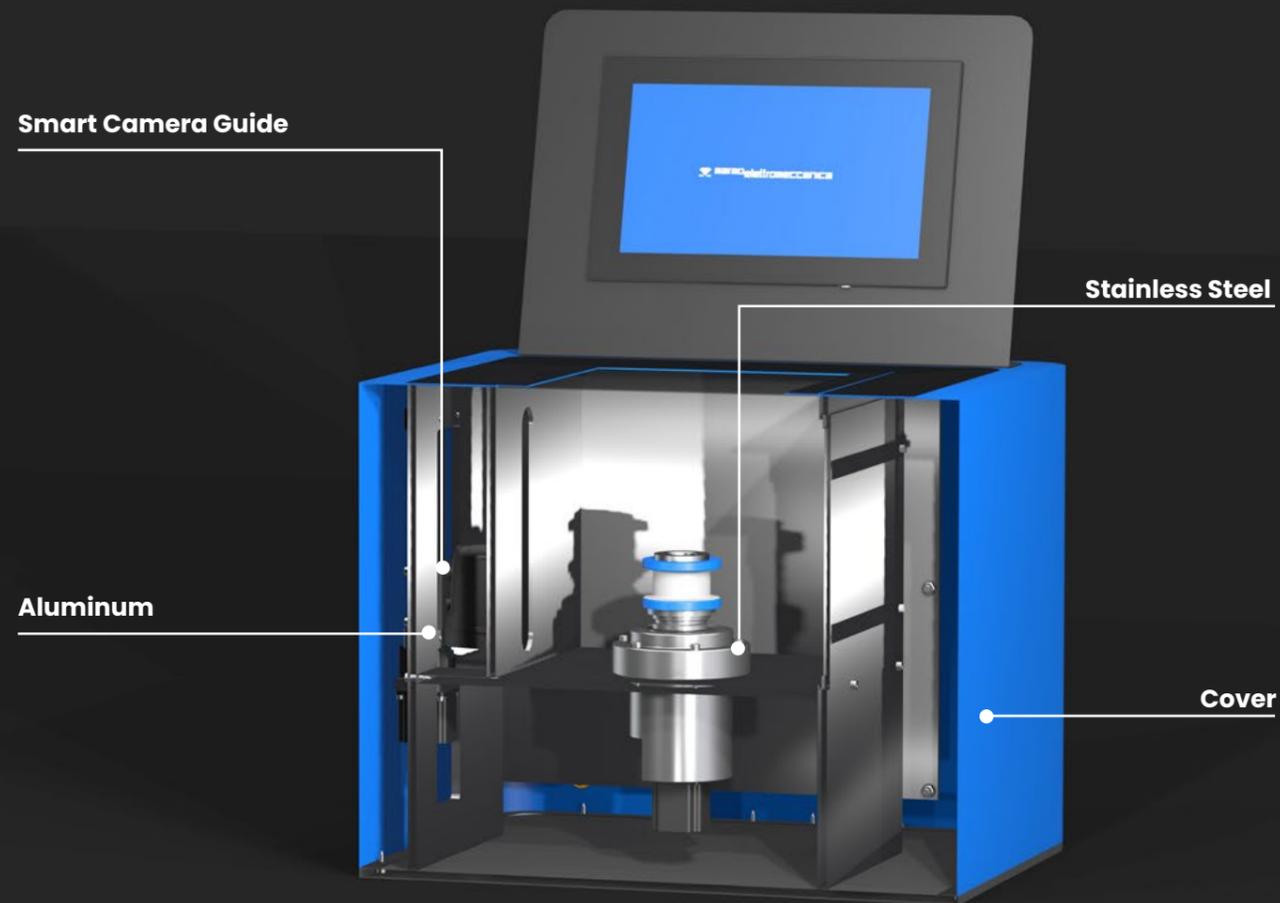
This movement allows for scanning the entire tool profile, covering all heights with extreme precision. All operations are managed through the CNC system, offering a fast and fully automated process.



MARMO PRESETTER: Built to Last

Like all Marmoelettromeccanica machines, the **MARMO PRESETTER** is entirely built from stainless steel and aluminum, materials chosen to ensure maximum durability and long-term resistance. This combination also offers superior resistance to corrosion, wear, and environmental stress.

These durable materials reduce the need for maintenance and replacement.



Stepper Motor: Efficiency and Superior Performance

The **MARMO PRESETTER** is equipped with a 2-phase hybrid stepper motor, a technological choice that offers numerous advantages in terms of efficiency and performance.

The **MARMO PRESETTER** with a stepper motor, represents the pinnacle of technology in terms of mechanical and electrical efficiency, guaranteeing users superior performance and reduced operating costs, making every job simpler and more productive.



Energy Efficiency

Stepper motor are known for their high energy efficiency. They consume less power and produce more output per watt compared to traditional motors, reducing operational costs and environmental impact.



Increased Durability

With its advanced technology, this motor has fewer parts subject to wear, which significantly extends the motor's lifespan. This results in less maintenance and fewer replacements needed.



Enhanced Performance

The stepper motor ensures constant power output at both low and high speeds, thus ensuring maximum performance.



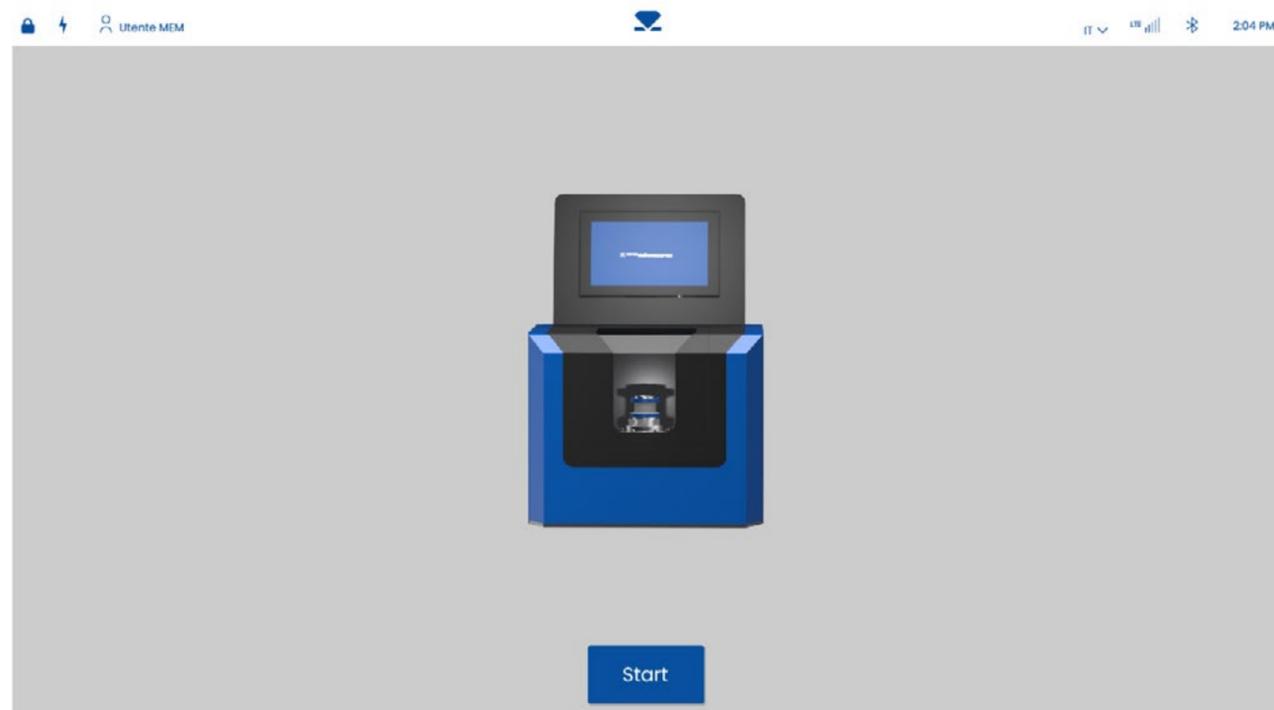
Reliability

With fewer mechanical components subject to wear, stepper motors offer greater reliability and consistent performance, even under heavy loads and in challenging operational conditions.

Numerical Control Software Interface

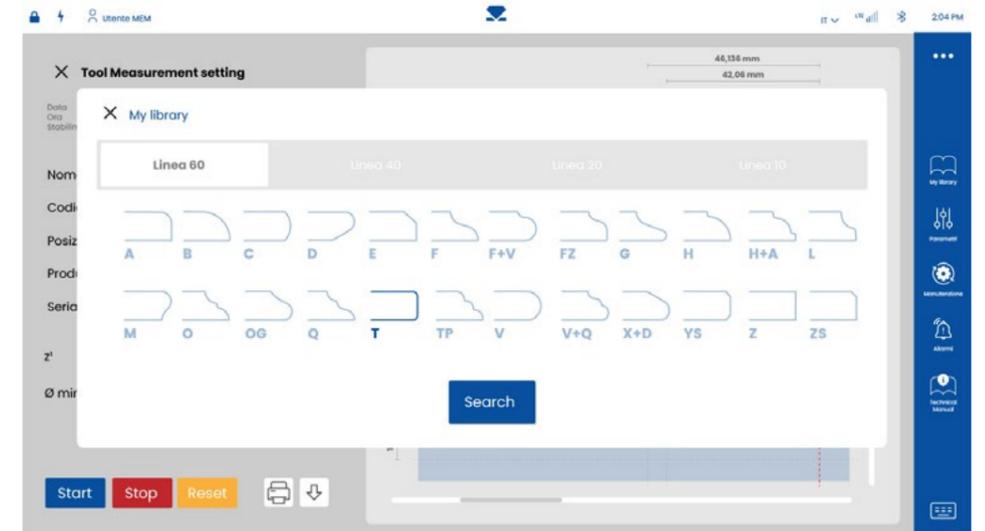
The **MARMO PRESETTER** is fully automated thanks to CNC software that manages every operation precisely and without manual intervention, revolutionizing the production process.

With a range of integrated features, the machine automatically handles every operation, from setting tool profiles to scanning and measurement, ensuring extreme accuracy.



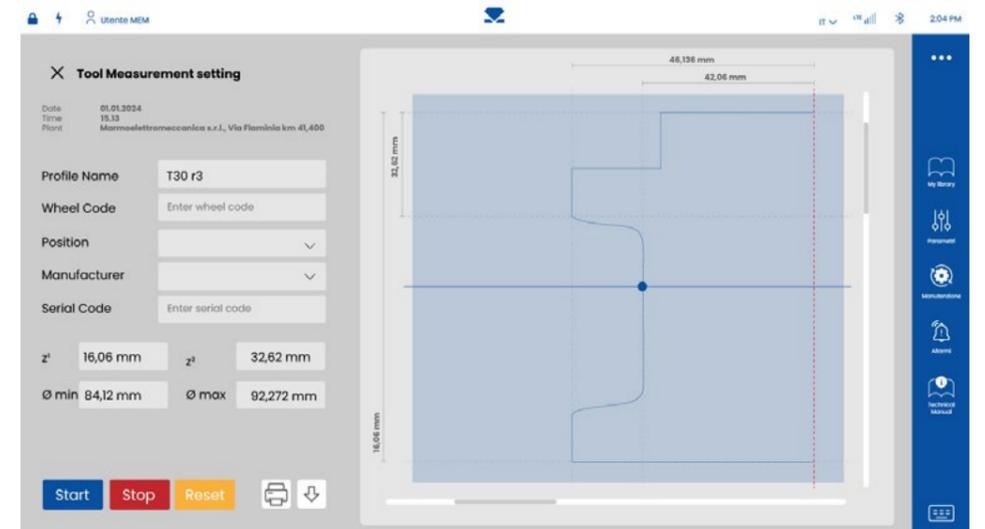
Library

In this section, you can access a complete library of pre-saved tool profiles and upload new ones, allowing for quick and organized profile management.



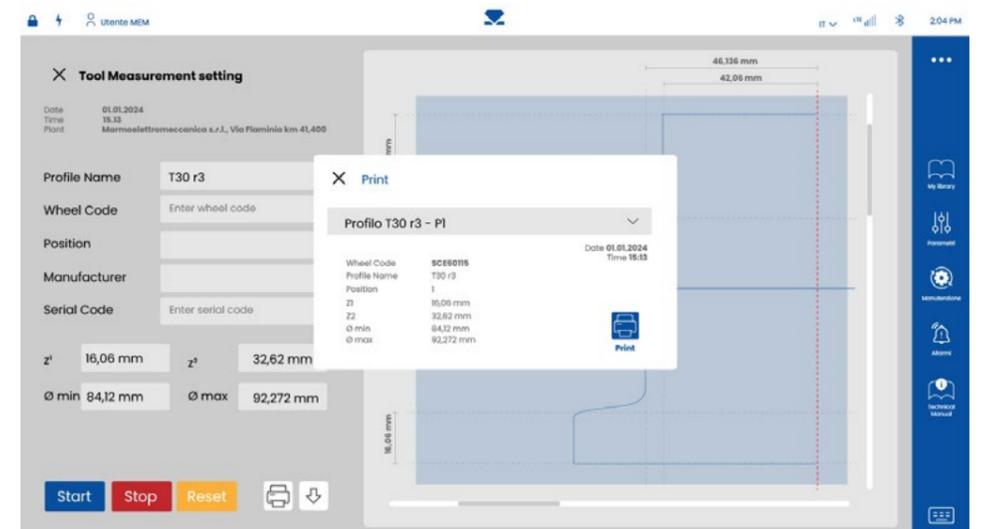
Wheel Scan

With a simple start, the tool is scanned, and all measurement parameters, including diameter and height, are accurately provided, ready to be set on the CNC machine.



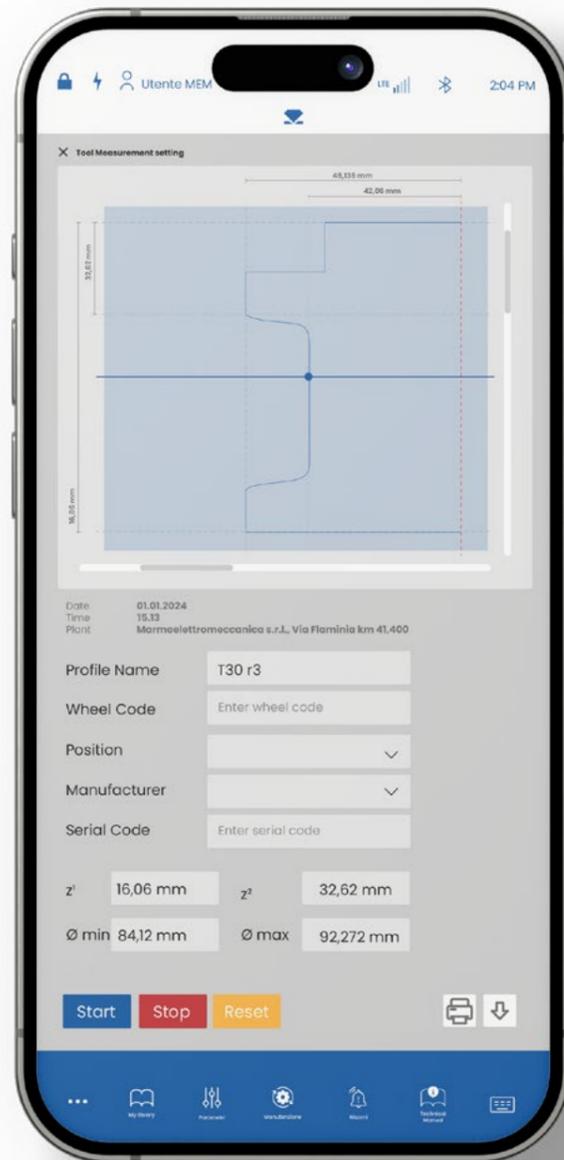
Print

Thanks to the option to connect a printer, you can generate a physical label containing the tool's parameters.



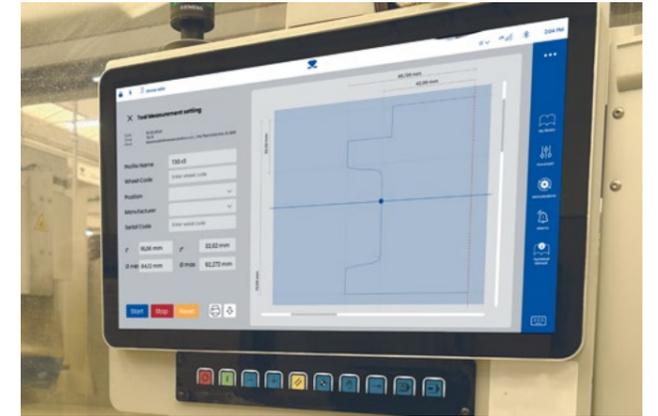
Smartphone Access

With the remote access function via smartphone, users can view tool parameters directly from their mobile device, eliminating the need to print labels and providing a practical solution for setting up tools directly on the machine.



CNC Access

The **MARMO** PRESETTER offers the ability to integrate directly with the onboard CNC system through a dedicated web app. This allows for the automatic transfer of data from the newly scanned tools directly to the CNC machine, without the need to manually transfer the information.



Remote Support



Online Support

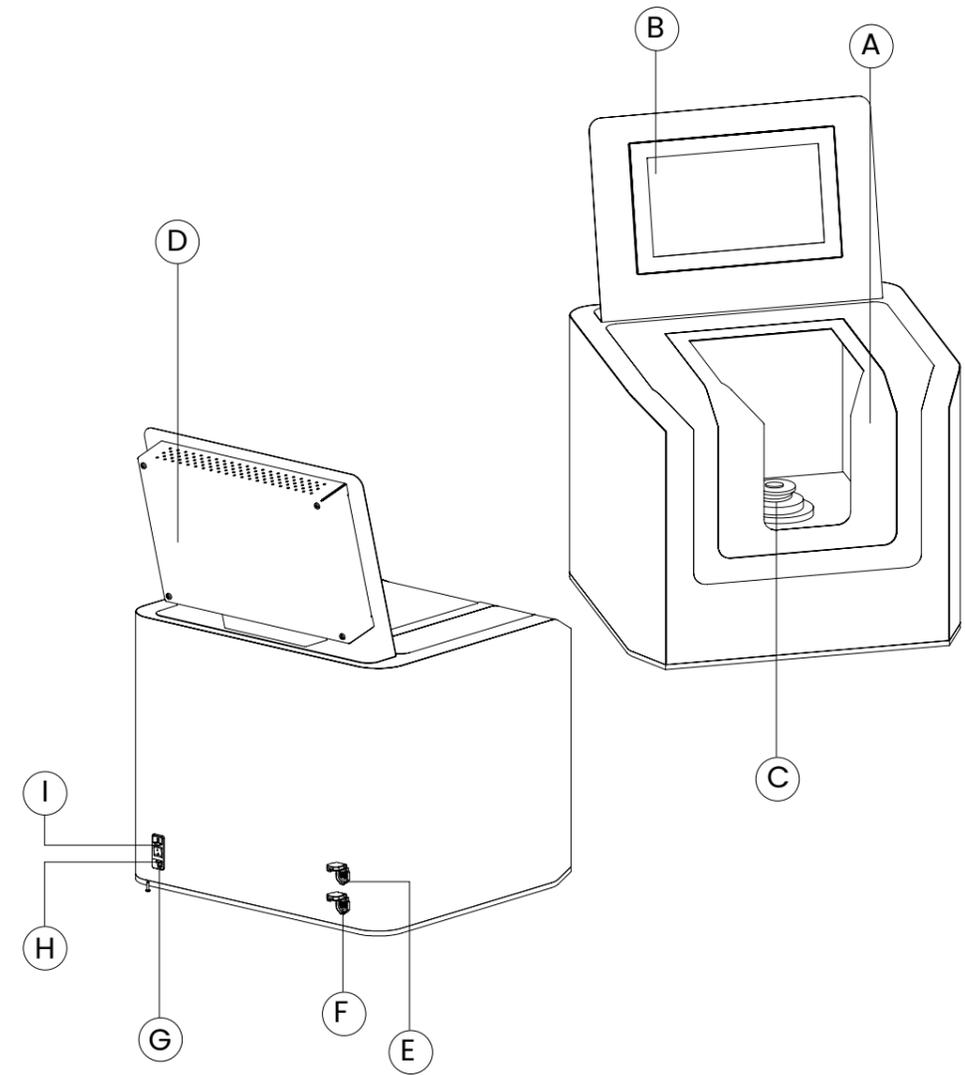
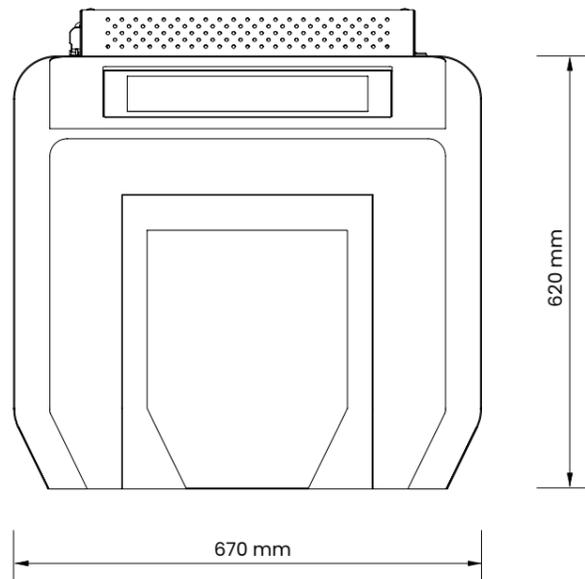
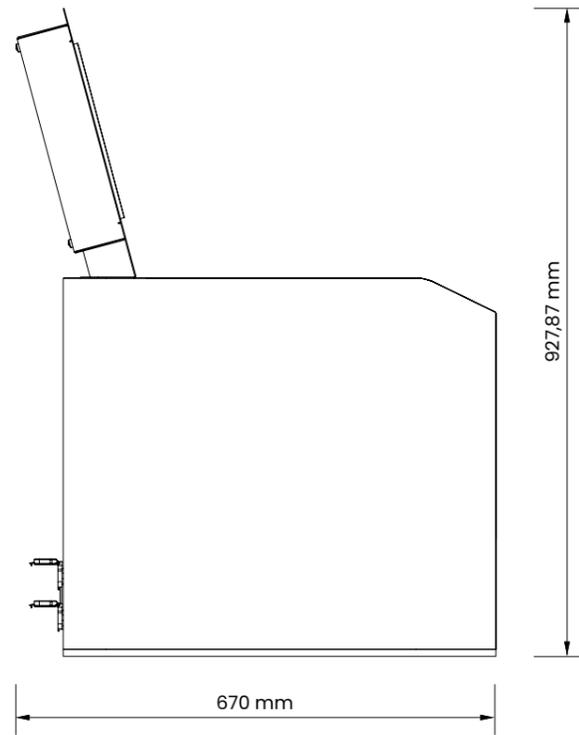
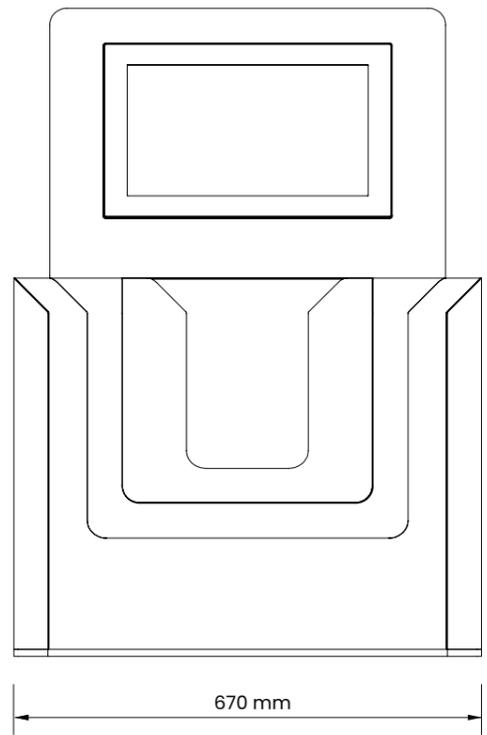
Experience superior online support for our products. Our experts provide real-time assistance, tailored recommendations, and innovative solutions for precision machining, ensuring optimal performance and productivity in every operation.



Onsite Support

Elevate your work with our onsite support for our products. Our experts bring tailored recommendations, real-time assistance, and innovative solutions to your location, ensuring optimal precision and productivity in every operation.

Technical Drawing



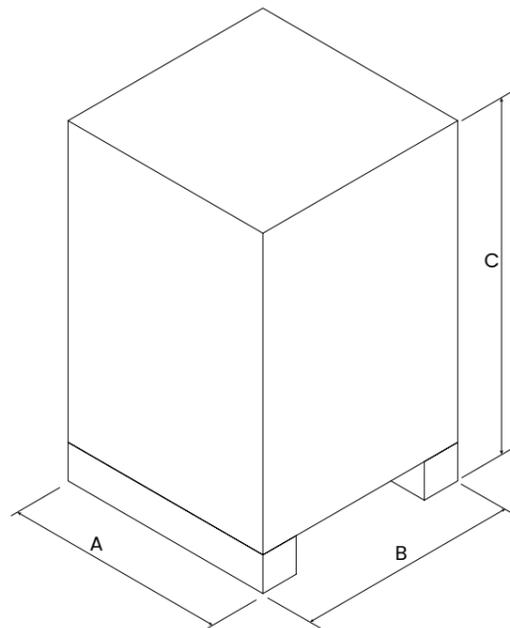
- A - Door for access to the work area.** Movable door with a transparent section that allows monitoring of ongoing operations while maintaining high safety standards.
- B - 15,6" Control Panel.** Large touchscreen display for interacting with the machine.
- C - ISO 40 CONE with automatic rotation.** Housing for profiles with 360° automatic rotation.
- D - Electrical component for the software.** Control unit for the CNC software.
- E - USB access.** USB port for connecting printers or external storage devices.
- F - Ethernet access.** Ethernet port for connecting the device to the internet.
- G - Electrical power supply 110/220 V.** Power cable connection.
- H - On-off switch.** Power button.
- I - Fuse holder.** Housing for fuse.

Technical Data

MARMO PRESETTER

MECHANICAL STRUCTURE	
	Aluminum Stainless Steel
MOTOR	Stepper
HOUSING	Steel
SPECIAL TREATMENT	
Mechanical part	Anticorodal
Aesthetic part	Heat painted
TRANSMISSION	
	Direct
ISOLATION	
	CH Term 140°C
MAX TOOL HEIGHT	140 mm
MAX TOOL DIAMETER	125 mm

Packaging



A	700 mm
B	700 mm
C	1200 mm
Weight	60 kg

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