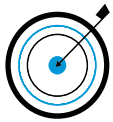


RRNEXT

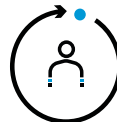
High-Quality Laser Marking and Cutting

An evolution of the RR laser marker, the RR Next is the ideal choice for **high-precision marking and cutting up to 2 mm** thickness on metals and alloys. Its **integrated coaxial camera** configuration allows **precise visualization of the marking point**, ensuring operators achieve exceptional accuracy and ease, even when working with **fine details**.



MAXIMUM PRECISION

The coaxial camera ensures **accurate and efficient positioning** of the design on the object, significantly reducing operator errors.



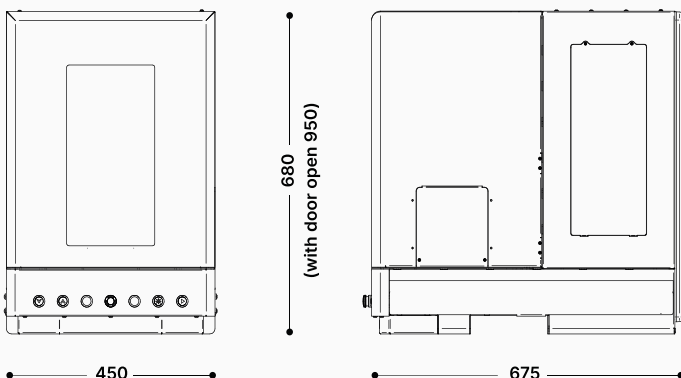
VERSATILITY

Featuring a **variety of laser power configurations**, the RR Next is capable of handling marking and cutting operations up to 2 mm thick, even for large-scale projects.



INTENSIVE WORK CYCLES

The RR Next uses **diode-pumped laser technology**, delivering exceptional performance and seamlessly managing continuous, **high-demand work cycles**, all while ensuring top-quality results and precise standards.



*dimensioni in mm

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FEATURES

MADE IN ITALY

Maximum safety

Thanks to the CE-certified inspection window, marking can be done with the door closed, without the need for protective glasses.

Automatic door opening

Air cooling

The air cooling system eliminates the need for an external chiller and machine preheating, simplifying operational management.

Integration with MARKo Software

The RR Next comes with MARKo software, a user-friendly interface that guides operators through the entire marking process, making it ideal for beginners. For more advanced features, the machine also includes Samlight software, tailored for experienced operators seeking enhanced functionalities.



Focus adjustment

Digitally adjustable Z-axis for precise focusing.

Integrated camera and coaxial camera

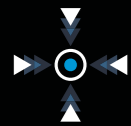
The integrated camera allows the operator to view and monitor the process, while the coaxial camera ensures precise visualization of the marking point.

RGB LED Lighting system

The LED strip lights up in different colors, providing clear and immediate information of the operational state of the marking machine.

Coaxial camera and touch probe for fast and precise positioning

The integrated coaxial camera in the RR Next provides clear visualization of the marking point, minimizing the need for manual adjustments. Paired with the touch probe, which ensures quick and effortless focusing on the workpiece, this technology enables fast, precise, and high-quality markings.



HIGH PRECISION

The coaxial camera is perfect for marking **fine details, such as logos or trademarks, even in hard-to-reach areas**. It also allows precise control of the rotary motor for marking the inside or outside of rings, ensuring flawless results even in the most complex jewelry operations.



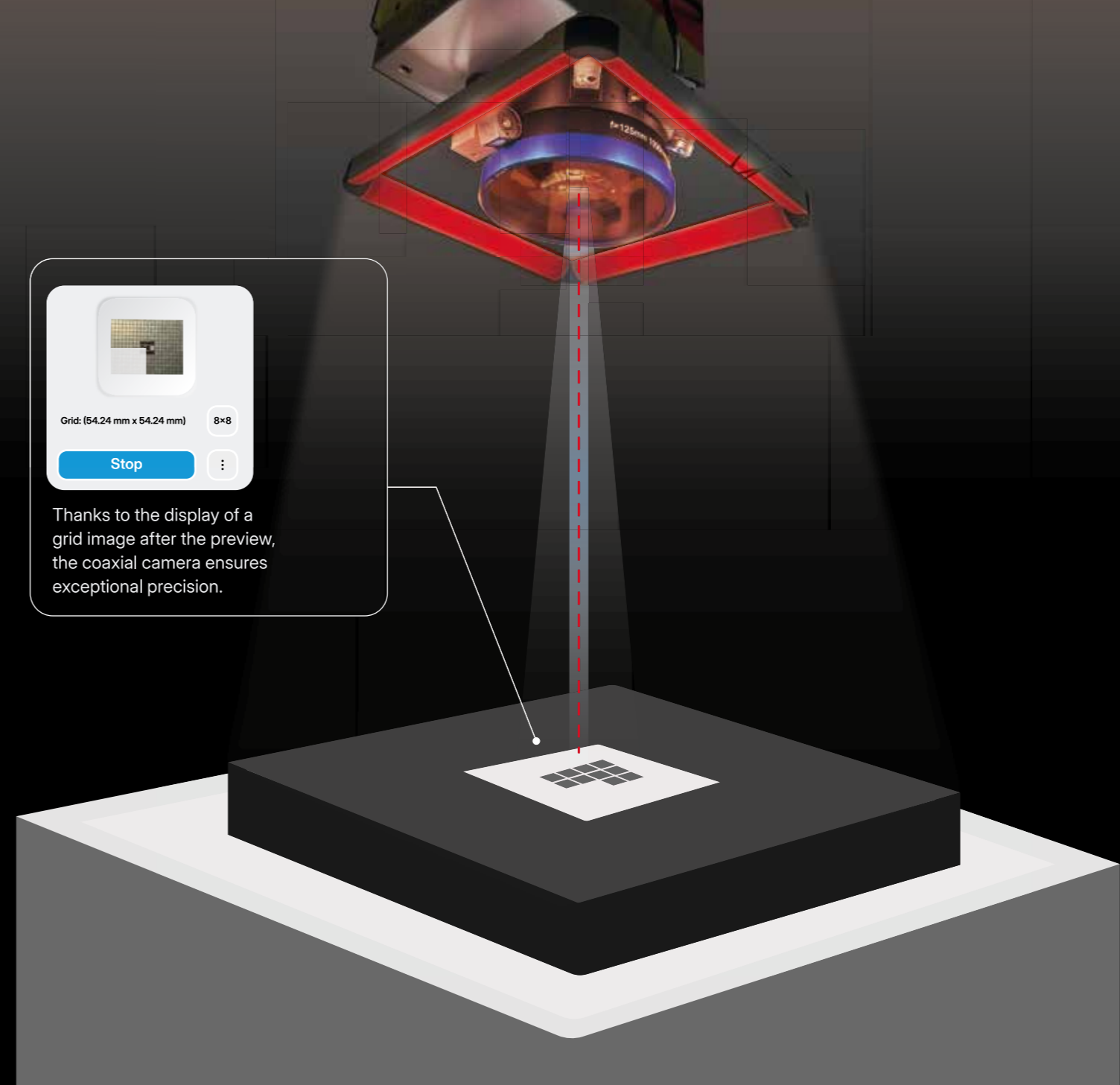
PRODUCTION EFFICIENCY

The integration of the coaxial camera eliminates the risk of errors from manual adjustments, optimizing both the quality and speed of repetitive markings. The **streamlined workflow**, coupled with reduced setup times, enables **batch processing with significantly shorter cycle times**. This makes the machine ideal for high-volume jewelry manufacturers, enhancing operational efficiency and reducing overall production costs.



EASE OF USE

The coaxial camera software simplifies and accelerates the entire marking process. The operator can choose from **four different recognition window types** based on the size of the piece to be marked. Once the image is captured, the job can be easily positioned with a simple drag-and-drop. Additionally, the **adjustable lighting**, with the option to select individual sections, enhances visibility, especially on reflective metals, ensuring precise placement on the marking area.



TECHNICAL DATA

RR NEXT

LASER TYPE	Diode-Pumped Fiber (YB)Laser
LASER SOURCE (NOMINAL POWER)	30 W, 30 W MOPA, 50 W, 60 W MOPA 70 W HD, 100 W HD
MARKING AREA	60 × 60 mm (with 100 mm focal lens) 110 × 110 mm (with 160 mm focal lens) 145 × 145 mm (with 210 mm focal lens)
Z AXIS	Motorized with manual and software control, Z-axis stroke of 200 mm
FREQUENCY	1.0 kHz - 4000 kHz
SAFETY CLASS	Class 1 (hatch closed), Class 3R (hatch open)
SOFTWARE	MARKo / Samlight or EZ Cad
COOLING SYSTEM	Forced air
WAVE LENGHT	1064 nm
POWER	230 Vac ± 10%, 50/60 Hz, 1P + N + PE, 1.0 kW Max
WEIGHT	71 kg

	METAL MARKING	PHOTO ENGRAVING	WHITE GOLD PLATINUM	RING AND BANGLES	CUTTING < 0.5 mm	CUTTING < 1.0 mm	CUTTING < 1.5 mm	CUTTING < 2.0 mm	BATCH CUTTING
30 W	●	■	■	●	●	■	×	×	×
50 W	●	■	■	●	●	●	×	×	●
30 W MOPA	●	●	●	●	●	×	×	×	×
60 W MOPA	●	●	●	●	●	■	×	×	●
70 HD	●	●	●	●	●	●	●	×	●
100 HD	●	●	■	●	●	●	●	■	●

● Excellent ■ Good × Not Suitable

ACCESSORI



ROTARY & INTERNAL / EXTERNAL RING CHUCK



CHUCK FOR BRACELETS



CHUCK FOR IRREGULAR RINGS



TILTING ANGLED SUPPORT



3-IN-1 CLAMP



AUTOMATIC SHEET FEEDER



HONEYCOMB SUPPORT



TBH BF 100 R, TBH BF LN 230



TASTATORE