

RR

Fast and high quality laser engraving and cutting

Thanks to their special configuration and the high quality of their components, RR marking machines are perfect for **marking and engraving on any type of metal and alloy**, on **materials of different types and thicknesses**.



FLEXIBILITY

RR is available with a variety of **different laser sources** and allows you to perform a **wide range of marking and cutting operations** on foils up to 2 mm thick.



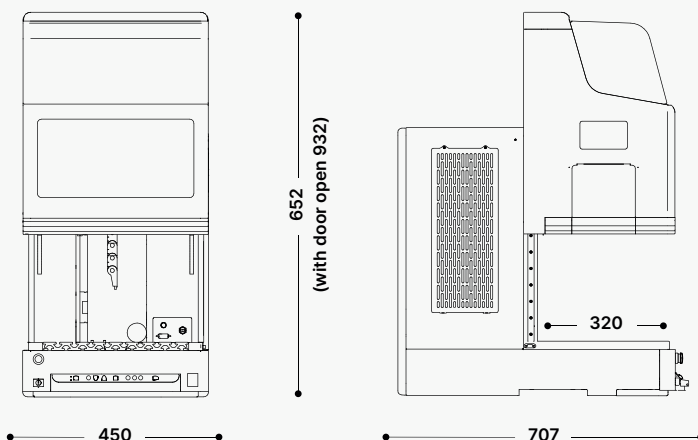
INTENSIVE WORK CYCLES

RR uses the **multi-diode fiber technology**, which guarantees very high production performance and the possibility to **cope with intensive workloads**.



HIGH QUALITY, LESS TIME

Thanks to solutions such as the automatic feeder for sheet cutting and the marking self-centering, it is possible to obtain **excellent results significantly reducing production times**.



*dimensions in mm

Discover all our machines, stay connected!



REQUEST A QUOTE

sales@orotig.com

more information on orotig.com

FEATURES

MADE IN ITALY

Maximum safety

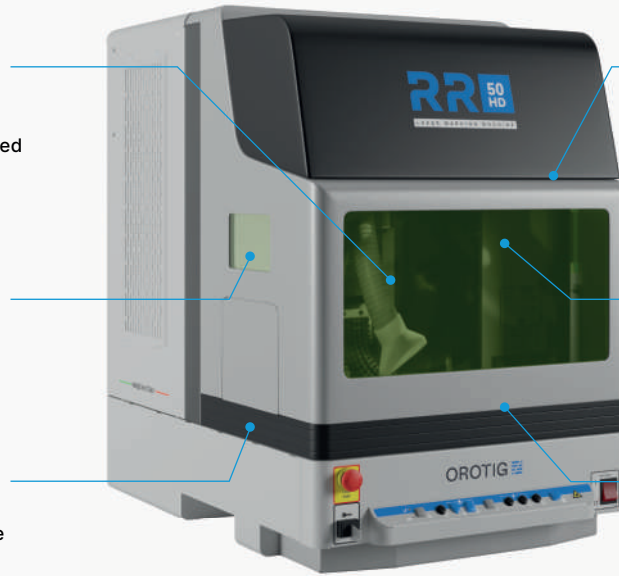
Maximum safety thanks to the CE-certified inspection window that allows to mark with the door closed without the use of goggles.

Easy assistance

Telemetry for easy assistance and remote updates.

Air cooling

The air cooling system makes it not necessary to preheat the machine or to use an external chiller.



Dedicated software

Dedicated PC with cutting and engraving software already installed upon delivery. Possibility to import a wide range of file formats.

Easy focusing

Digitally adjustable Z axis for easy focusing.

Integrated camera

Integrated camera for better positioning the object in the marking area.

TECHNICAL DATA

RR

LASER TYPE	Diode-Pumped Fiber (Yb) Laser
LASER SOURCE (NOMINAL POWER)	20 W, 30 W, 20 HD, 50 HD, 70 HD, 100 HD
MAX ENGRAVING AREA	11 × 11 cm (lente 160 mm), 6 × 6 cm (lente 100 mm)
Z -AXIS	Electric with manual and software control (optional), Z-axis stroke 200 mm
PULSE FREQUENCY	1.0 kHz - 4000 kHz
BEAM QUALITY	≤ 1.6 m ²
LASER CLASS	Class 1 (closed), Class 3R (open)
COOLING SYSTEM	Forced air
WAVELENGTH	1064 nm
POWER SUPPLY	230 Vac ± 10%, 50/60 Hz, 1P + N + PE, 1.0 kW Max
WEIGHT	71 - 75 Kg

	METALS ENGRAVING	PHOTO ENGRAVING	WHITE GOLD PLATINUM ENG.	RINGS AND BANGLES	CUT < 0.5 mm	CUT < 1.0 mm	CUT < 1.5 mm	CUT < 2.0 mm	SERIAL CUT
20 W	○	○	○	○	○	○	○	○	○
30 W	●	●	●	●	●	●	○	○	○
20 HD	○	○	○	○	○	○	○	○	○
50 HD	●	●	●	●	●	●	●	○	●
70 HD	○	○	○	○	○	○	○	○	○
100 HD	●	●	●	●	●	●	●	●	●

ACCESSORIES

● Excellent ● Good ○ Not suitable □ Optional



ROTARY & SPINDLES



DRS DUST RECOVERY SYSTEM



AUTOMATIC FEEDER FOR SHEET CUTTING