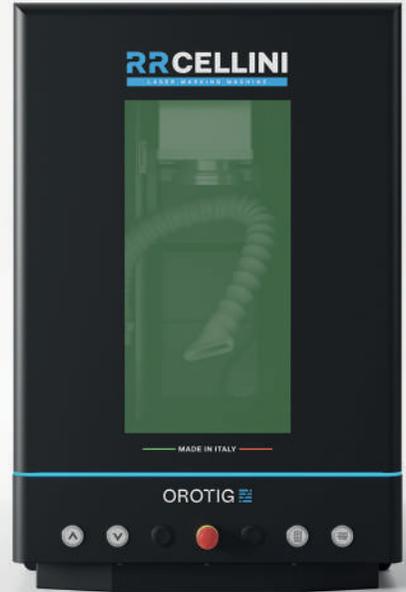


# RRCELLINI

## High definition three-dimensional marking

The RR Cellini marker is an extremely precise laser system that enables **superior three-dimensional marking on metal objects**.



### SPEED

Perfect for creating **moulds, dies, or cones**, RR Cellini is up to **10 times faster** compared to other processes such as EDM or milling.



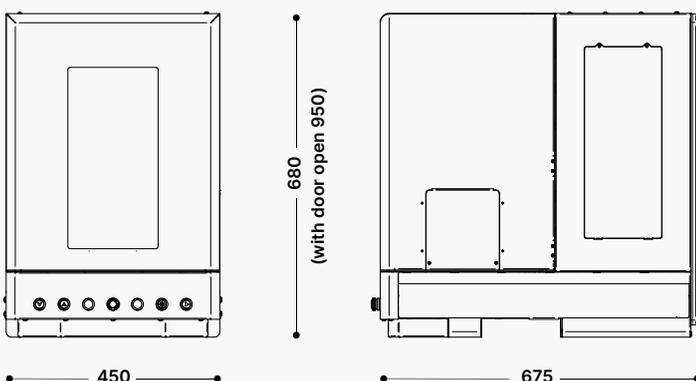
### QUALITY AND PRECISION

RR Cellini delivers a product of the **highest quality and finish**, with a surface that is completely **free of pores** and requires no further heat treatment or polishing.



### EASY TO USE

Thanks to the specially developed **proprietary software** and the simple and intuitive interface, RR Cellini allows even less experienced operators to perform **marking in just a few clicks**.



\*dimensions in mm

Discover all our machines, stay connected!



REQUEST A QUOTE

[sales@orotig.com](mailto:sales@orotig.com)

more information on [orotig.com](http://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.

## Automatic door opening

## Lasers with a long life

IPG laser with a life of 100,000 hours, requires no maintenance nor consumables.



## MOPA laser source

Special finishing on metals thanks to the waveforms.

## High definition

Focused laser beam with 1 micron repeatability for perfectly defined marking details.

# TECHNICAL DATA

RR Cellini

## LASER TYPE

Ytterbium Impulse Fiber MOPA Laser

## LASER SOURCE (NOMINAL POWER)

30 W

## FOCAL LENSES

180 mm

## MAX ENGRAVING AREA

130x130 mm

## Z - AXIS TYPE

Electrical with manual and software control

## Z - AXIS STROKE

220 mm

## SPEED RANGE

Up to 10 m/s

## PULSE FREQUENCY

1.6 kHz - 2000 kHz

## MAX PULSE ENERGY

0.7 mJ

## PULSE WIDTH

2, 4, 8, 14, 30, 50, 100, 200 ns

## BEAM QUALITY

$\leq 2 m^2$

## LASER CLASS

Class 1 (closed), Class 3R (open)

## COOLING SYSTEM

Forced air

## WAVELENGTH

1064 nm

## POWER SUPPLY

230 Vac  $\pm$  10%, 50/60 Hz, 1P + N + PE, 0.5 kW

## SPOT DIAMETER

50  $\mu$ m

## WEIGHT

71 Kg

# ACCESSORIES



ROTARY & SPINDLES



TILTABLE SUPPORT



3 IN 1 CLAMP