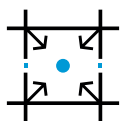


# CANOVA

## The compact, easy to use marking laser

Superior quality of marking and attention to detail in a high-performance laser of simple design: Canova, the first marking laser of the new Orotig generation, was born.



### COMPACT

The **reduced size and innovative helmet-style opening of the hatch** make Canova a compact laser, ideal for even the smallest spaces.



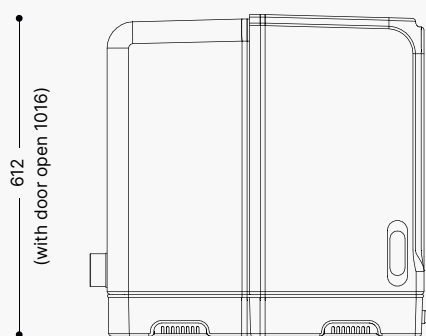
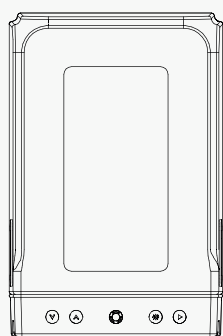
### AUTOMATIC FOCUSING

Thanks to the Intel depth camera, Canova allows **easy focusing even on pieces that are positioned near the edges of the marking area.**



### EASE OF USE

Expert operators? No need! **With the new proprietary software MARKo, a step by step interface guides the operator intuitively through the marking process.**



\*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

## 3 focal lenses

Besides the standard 160 mm lens, it is possible to install the 100 mm and the 210 mm lenses, perfect for high precision work and for marking bigger pieces.

## Autofocus

The depth camera scans the field of vision, measuring the distance of the object positioned on the marking area and automatically focusing.

## Integrated LED

LED changes its colour based on machine status.



## Maximum safety

Maximum safety thanks to the CE-certified inspection window that allows to mark with the door closed without goggles (Class 1 laser).

## Double camera

One angled camera offers a panoramic view of the workpiece, while the second one has powerful magnification for viewing the smallest details, up to 0,5 mm in high resolution.

## Easy dust recovery

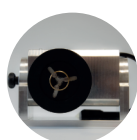
The straight and simple design of the central hose makes it easy to clean without having to detach it from the machine.

# TECHNICAL DATA

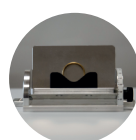
Canova

LASER TYPE	Diode-Pumped Fiber (Yb) Laser
LASER SOURCE (NOMINAL POWER)	30 W, 50 W
FOCAL LENSES	100 mm, 160 mm, 210 mm
MAX ENGRAVING AREA	60×60 mm, 110×110 mm, 145×145 mm (depending on lens)
Z - AXIS TYPE	With stepper motor
Z - AXIS STROKE	263 mm
SPEED RANGE	Up to 8 m/s
PULSE FREQUENCY	37-600 Khz (30 W) / 40-600 kHz (50 W)
MAX PULSE ENERGY	0,8 mJ 37 kHz (30 W) / 1,25 mJ 40 kHz (50 W)
PULSE WIDTH	200 nS (30 W - 50 W)
BEAM QUALITY	<1,5 (30 W) / <1,8 (50 W)
LASER CLASS	Class 1 (closed), Class 3R (open)
COOLING SYSTEM	Forced air
WAVELENGTH	1064 nm
POWER SUPPLY	115 - 230 V ±10% 50-60 Hz
SPOT DIAMETER	35 µm
WEIGHT	45 Kg

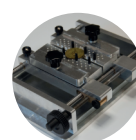
# ACCESSORIES



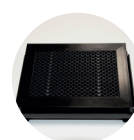
ROTARY & SPINDLES



TILTABLE SUPPORT



3 IN 1 CLAMP



HONEYCOMB BRACKET