

# rayjet

## R Series Lasers

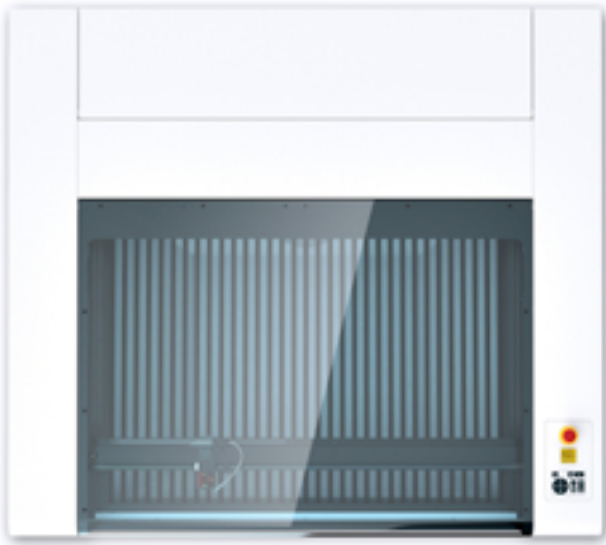
Make Something Better



Affordable and user-friendly  
industrial grade lasers

## Easy access and ergonomic design

Designed for maximum usability, R Series lasers can cut and engrave plastic, acrylic, wood, paper, textiles and many more materials up to 15 mm (0.59 in) thick. The ergonomic and open design boosts efficiency and makes positioning jobs a simple task.



## Simple to use, sophisticated results

Designed with educators and new users in mind, R Series lasers include user-friendly workflow software that allows you to produce professional grade results with little to no experience. With both the software and the controller developed by Trotec, the motion and laser processes are perfectly in tune for maximizing the system's performance. Our "one click setup" enables you to be up and running within minutes.

## Best cost/quality ratio

R Series lasers were developed by Trotec. Unlike other lasers in the same price range, R Series lasers comply to stringent production procedures and European manufacturing standards. The R500 and R400 lasers are both equipped with high quality components: a Trotec laser system controller, industrial grade power supplies and linear guides. The robust mechanical and reliable electronic design is proven in thousands of Trotec laser machines.



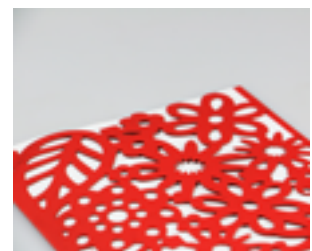
Signage



Wood



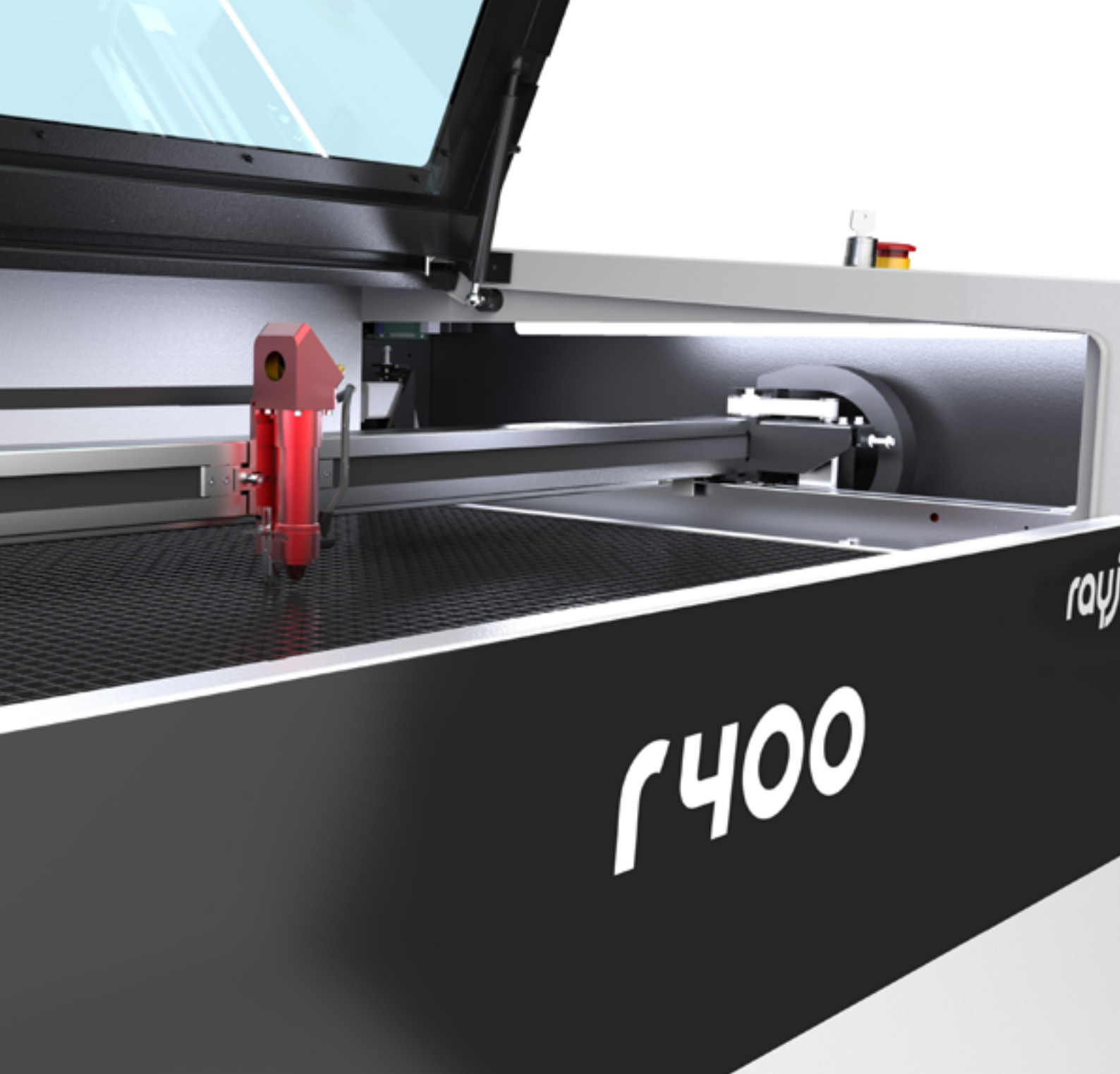
Textiles



Paper

## Highest safety standards in the industry

To help protect the safety of laser operators, R Series systems come standard with a double interlock system and safety kill switch. They are classified as laser safety class II, meaning that the beam path is completely enclosed and no protective safety gear is required. In addition, R Series lasers meet U.S. manufacturing safety requirements for use in public spaces.



# R Series Lasers: The industry's best solution for high quality, low cost laser engraving and cutting

Finally. There is an affordable, industrial-grade laser cutting and engraving machine that is also reliable, user-friendly, and safe. Whether you are a new user, an educator, or a business owner looking to broaden your processing capabilities, R Series lasers can help you make something better.

# Which Model is Right for You?

	R400	R500
Working area	40.5 x 24.8 inch	51.1 x 35.4 inch
Laser power	Sealed-off CO <sub>2</sub> DC 60 / 100 W	Sealed-off CO <sub>2</sub> DC 60 / 100 / 120 W
Cooling system	water-cooled	water-cooled
Max. processing speed	39 in / sec	39 in / sec
Laser safety	RayPack Technology, CDRH laser safety, laser class 2, CE compliant, double interlock safety system, kill and key switch	CDRH laser safety, laser class 2, CE compliant, double interlock safety system, kill and key switch
Machine size (W x D x H)	61 x 42 x 42 inch	76 x 66 x 43 inch
Weight	approx. 661 lbs	approx. 1256 lbs
Power requirements laser	100 - 120v, 20A	100 - 120v, 20A
Power requirements chiller	100 - 120v, 15A	100 - 120v, 15A
Options	Rotary attachment Aluminum slat cutting table 4.0" lens	Aluminum slat cutting table 4.0" lens
Table	Standard cutting grid	Standard cutting grid

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