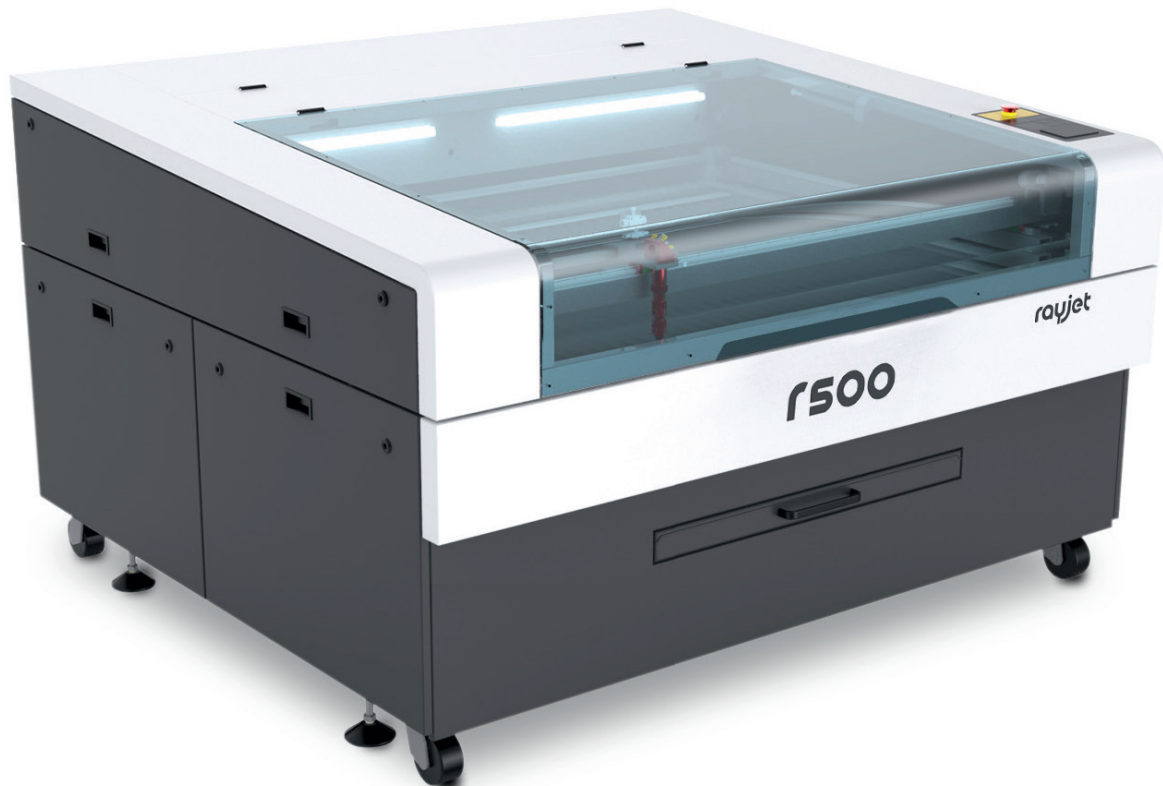


# rayjet



## R500

Industrial grade laser cutter - Engineered to your needs

**The R500 is engineered for your business.**

The powerful laser cutter comes with up to two laser sources and a user-friendly laser software. R500 impresses with highest safety.

### **Large working area and powerful laser**

The working area of 1300 x 900 mm is perfectly suited for all standard sheet size materials in use today. The R500 laser cutter can cut up to 15 mm acrylics.

### **Wide variety of materials**

The R500 is suitable for laser cutting and engraving of large format materials like acrylics, wood, textiles, leather, cardboard, MDF, paper, and many other materials. Typical applications include signage, trophies, woodworking, prototypes, gifts and promotional items.

### **User-friendly software**

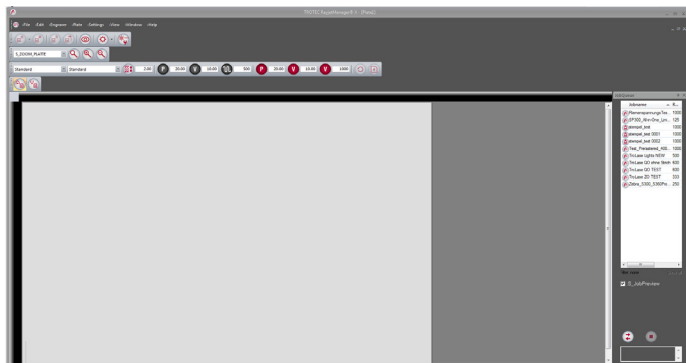
With the Rayjet Manager® and Rayjet Commander software files are sent from any graphic program directly to the laser cutter.

### **Two lasers integrated**

Available as CO<sub>2</sub> DC single laser source version or with CO<sub>2</sub> DC and CO<sub>2</sub> RF ceramic laser source integrated. Use CO<sub>2</sub> DC for high powered cutting applications and CO<sub>2</sub> RF ceramic for fast and detailed engraving jobs.

## Features and Upgrades

- Rayjet Commander printer driver
- Rayjet Manager® laser software  
incl. material database
- Control panel for positioning the laser
- Laser pointer
- LED lighting
- 2" lens



Rayjet Manager®

**Basis configuration: one table of choice**  
additional tables optional

- ☐ Aluminum cutting lamella table
- ☐ Aluminum cutting grid table
- ☐ Honeycomb table
- ☐ Vacuum table

## Processable materials



Signage





Wood



Textiles



Plastics

	cut 	engrave 
Acrylics	•	•
Plastics	•	•
Glass		•
Laminates	•	•
Signage	•	•
Leather	•	•
Paper	•	•
Stone		•
Textiles	•	•
Wood	•	•

## Laser Technical Specifications

	R500	R500D
Working area	1300 x 900 mm	
Laser power	Sealed CO <sub>2</sub> 100 W DC	Sealed CO <sub>2</sub> 100 W DC and sealed CO <sub>2</sub> 60 W RF ceramic
Cooling system	water cooled	
Max. processing speed	1 m/sec.	
Laser safety	CDRH laser safety, laser class 2, CE compliant, double interlock safety system	
Machine size (W x D x H)	1870 x 1725 x 1110 mm	
Weight	approx. 340 kg	
Power consumption laser machine	220 - 240 V / 3000 W	
Power consumption chiller	2500 W	