

rayjet

# Rayjet 50

Simple yet sophisticated laser processing

Rayjet lasers are budget friendly, industrial-grade laser systems that provide an easy and efficient way to cut and engrave a wide array of material types, shapes and sizes - allowing you to expand your capabilities and multiply the possibilities.



# Laser cutting for signs, gifts, toys, decoration, models, prototypes or fashion

## Low maintenance

The Rayjet was designed with easy maintenance in mind. Our patented RayPack® Technology protects the laser to the highest degree by enclosing the fragile system-critical components, protecting them from dirt and debris and thereby reducing maintenance and increasing the life span of the laser. The optics and worktable can also be removed for cleaning and then reinstalled without using any tools.

## Easy to use

The Rayjet laser system offers the best of both worlds. It's simple to use, yet you can produce highly sophisticated and precise designs. The Rayjet Manager workflow software provides easy, step-by-step instructions with logical and intuitive functions, allowing you to make a fast transition from job layout to final product.

Start by creating your design using your preferred graphics program, and then files are sent directly to the laser engraver. Simply choose the material type and thickness from the provided material database and start the engraving process.

## Endless possibilities

Use the Rayjet to process plastic, glass, stone, awards, executive gifts, wooden products, signs, and crafts. These applications only scratch the surface of what you can do with the Rayjet.

With the versatility to process many different material types, shapes and sizes, and the unlimited design freedom provided by the Rayjet Manager software, the Rayjet provides endless possibilities. You can broaden your product offerings, meet a wider range of customer needs, and grow your business. The only limit is your imagination.

## Standard features

**RayPack® Technology:** RayPack® Technology virtually eliminates normal wear and tear. RayPack Technology eliminates the added cost of replacing critical system components, and drastically reduces required maintenance. This means lower operating costs, less downtime, and more productivity.

**Software auto focus:** Ensures correct focusing of the laser beam every time on every material.

**Laser pointer:** The Rayjet comes with a visible “red dot” pointer for easy and quick positioning.

**Electronic Z-axis engraving table:** You can manually adjust the table location via buttons on the control pad. This can be used with the auto-focus function for fine adjustment for specific applications.

**Floor stand:** The Rayjet can mount to a floor stand for ease of mobility.

## Laser technical specifications

	Rayjet 50
Working area	457 x 305mm
Laser power	30 W
Cooling system	air cooled
Laser type	CO2 laser
Laser safety	CDRH laser safety, laser class 2, CE compliant, double interlock safety system
Machine size (W x D x H)	726 x 412 x 680mm
Weight	approx. 50kg
Power consumption laser machine	110- 240 V / 3000 W
Max. workpiece height	145mm



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