Speedy cross.

The first industrial grade diode laser plotter for marking and cutting.

trotec

Speedy *100*

trotec

Introducing the Speedy cross.

Designed to meet the diverse needs of various industries, from parts marking to personalization and education.

The Speedy 100 cross provides a versatile and cost-effective solution for businesses needing flexibility and precision in marking, engraving, and cutting various materials, particularly in small to medium production quantities.

Benefit from:

- Versatility and wide range of applications: Engrave or cut a variety of materials with ease. The Speedy 100 cross is perfect for a range of industries and applications, including industrial marking, product personalization, and education.

- High precision and clarity: With the ability to deliver pin-sharp results, the Speedy 100 cross excels in marking QR codes, serial numbers, and intricate graphics, ensuring high-quality outcomes that meet the strictest standards.

- Large working area for bigger projects: Featuring a generous working area of up to 610 x 305 mm, the Speedy 100 cross can handle larger parts and surfaces, making it ideal for companies dealing with oversized components or materials.

- Efficient for small to medium production quantities: Designed for optimal performance in small and medium production runs, the Speedy 100 cross streamlines workflows and reduces costs without requiring high-output, expensive systems.

- Cost-effective solution: Offering an excellent balance between cost and performance, the Speedy 100 cross provides a solid return on investment without the high price tag of alternative laser marking systems, making it the perfect choice for businesses with budget constraints.

- Low maintenance and simple operation: With its straightforward design and low maintenance needs, the Speedy 100 cross offers reliable, user-friendly operation, saving you both time and money in the long run.

Personalization

Diversify your product offering by direct laser marking and cutting many materials with Speedy cross.

University and schools

Optimize your budget and space by using only one low maintenance tool for many materials.

The Speedy cross laser system offers diverse capabilities, including direct laser marking and cutting of various materials, enhancing product offerings. It operates four times faster than existing diode lasers, reducing costs per part and maintenance needs. The system marks metal directly and processes organic materials, ensuring reliable and safe operation.

Ruby® software improves efficiency with seamless file processing and connectivity, boosting collaboration by managing design, job preparation, and laser operation independently. Supporting popular third-party design files, Ruby® software enhances productivity. TroCare provides tailored service packages and smart maintenance for optimized workflows.

Realistic photo engraving on anodized aluminum

Creative paper applications

Wood engraving and cutting

The Speedy 100 cross laser system optimizes budget and space with low maintenance needs, ensuring reliable operation and extended machine lifetime.

Industrial parts marking

Take control of your production by insourcing laser marking and cutting of parts up to 610 x 305 mm

Hardware

- Create flexible, low-cost, and permanent markings even with small batches.

- Mark parts up to the size of 610 x 305 mm.

- In addition to direct metal marking, process organic materials as well with the same laser source.

- Operate safely without any additional safety equipment.

Ruby® laser software

- Improve your operational efficiency by handling job preparation and production independently with Ruby®.

- Unlock the power of connectivity to manage multiple jobs, machines, and users safely and effectively.

- Use an intuitive, easy-to-use, and full-featured interface that anybody can operate.
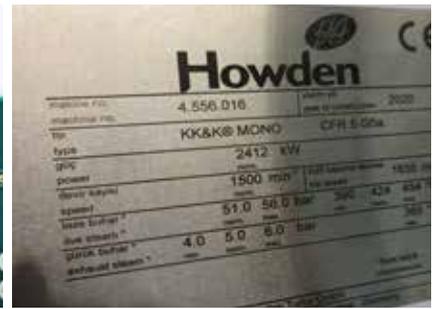
Service & support

- TroCare offers tailored service packages for specific needs.

- Receive personal support from tech service.

- Benefit from smart maintenance with efficient and intelligent support for seamless monitoring and control, optimizing workflows and ensuring reliable results.

Engraving dataplates on anodized aluminum

Pin-sharp readable codes on PCB boards

Stainless steel typeplates

Tool marking made easy

Text, logos or codes

Mark many kinds of materials

Engraving on tools

Direct marking on machine parts

products.troteclaser.com/speedy-100-cross

Enhance your production control by insourcing laser marking and cutting with Speedy cross, and boost operational efficiency with Ruby® laser software.

What materials can you engrave or cut?

In Trotec's material webshop, you'll find an extensive selection of materials specifically designed for laser processing. Each material is labeled with an icon that indicates which laser source is suitable for its processing.
For more information and to explore compatible materials, visit the Trotec webshop. With the right laser and material pairing, your engraving and cutting projects will achieve optimal results

	Speedy 100 cross
Working area (W x D)	610 x 305 mm, 24 x 12 inch
Laser Power Diode	40 W
Max. engraving speed	2,8 m/s, 110 ips

D

	Engrave/Mark	Cut
Metal	✓	
Acrylics transparent		
Acrylics colored	✓	✓
Glass transparent		
Glass colored	✓	
Mirror	✓	
Ceramics	✓	
Plastic sheets	✓	✓
Plastics	✓	✓
Paper white	✓	✓
Paper colored	✓	✓
Cardboard	✓	✓
Leather	✓	✓
Textiles	✓	✓
Wood	✓	✓
Cork	✓	✓
Food	✓	
Stone	✓	

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The system can cut and engrave many materials. Scan the code or follow the link to get the full list of materials.

products.troteclaser.com/material-list