



trotec
laser. marking cutting engraving

Speedy Laser Systems

***designed for
profitability***

Designed to help you grow business

Whether you are an entrepreneur new to laser engraving or a seasoned veteran looking to grow your business, Speedy laser systems can make you more profitable. With maximum processing speeds of 170 inches/sec, they are the fastest and most productive laser machines on the market. The system's patented low-maintenance design encloses critical system-sensitive components in a rugged housing, protecting them from dirt and dust, which significantly minimizes maintenance requirements, downtime and overall ownership costs.

Platform sizes range from 24 x 12 inches to 40 x 24 inches, and all are available with a CO₂ laser, a fiber laser, or with flexx™ technology that combines both laser sources in one system. The patented flexx function enables you to use both laser sources in one job without having to change the laser source, the lenses or the focus manually.



Speedy platform sizes from 24 x 12 inch up to 40 x 24 inch



Speedy 100
24 x 12 inch working area



Speedy 300
29 x 17 inch working area

Productivity-boosting features



Maximum engraving speed

By processing at a maximum speed of 170 inches/sec and acceleration of 5g, Speedy laser systems are designed to increase your production capacity. Equip your Speedy with high laser power and outperform your competitors.



Optimized working area

All platforms are optimized to fit standard material sizes, so you will save time and money on pre-cutting, use more standard blanks per table, process larger batch sizes, and take advantage of the total working area.



InPack Technology™

To achieve the best engraving and cutting results, the axis must be in perfect working condition. InPack Technology™ protects the guide components against dust and debris, keeping the axis in working order and guaranteeing years of trouble-free processing even under intensive use.

Options to extend your capabilities



Flex technology

The Speedy flex laser machines are equipped with both a CO₂ and a fiber laser. Depending on the material, the two laser sources are activated alternately, allowing you to perform endless applications in one process step. Each Speedy laser can be upgraded to flex at any time.



Multifunctional table concept

Speedy systems can be used with different tables, so you can quickly and easily select the ideal table for your application. You can choose between an engraving, vacuum or cutting table, an aluminum or acrylic cutting grid table and a honeycomb table top.



The widest range of options

You can start with the options you really need and let your Speedy grow with your business by adding options such as JobControl® Vision for cutting pre-printed materials, rotary attachment to engrave cylindrical workpieces, and various lenses, to name a few.



Speedy 360

32 x 20 inch working area



Speedy 400

40 x 24 inch working area

Usability by design



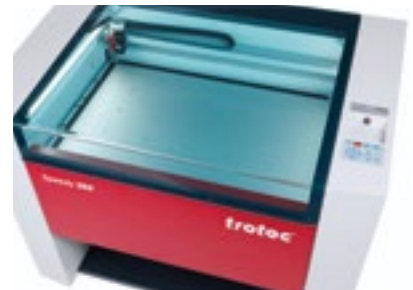
JobControl® laser software

The Trotec laser workflow software supports your engraving and cutting jobs with a variety of useful and intelligent features to make your work easier, such as bi-directional communication, Job Time Calculator or the iOS App Trotec Laser Remote.



Easy access

Setting up your laser jobs is fast and easy. Thanks to the 180 degree removable front lid and no front bars, you can easily load and unload heavy and bulky parts and change tables. Midsize models (Speedy 360 and Speedy 400) also include an organized cabinet to help boost productivity.



Inside view

The transparent design of the top cover allows you to view the entire cabinet, and LED lighting provides a uniform illumination of the working area. This improves comfort and allows you to quickly and easily set up engraving and cutting jobs.

The Speedy Series

	Speedy 100	Speedy 300	Speedy 360	Speedy 400
Available products	Speedy 100 Speedy 100 fiber Speedy 100 flexx	Speedy 300 Speedy 300 fiber Speedy 300 flexx	Speedy 360 Speedy 360 fiber Speedy 360 flexx	Speedy 400 Speedy 400 flexx
Overall dimensions (WxDxH)	38.7 x 29.1 x 39.1	44.4 x 35.9 x 41.5"	48.1 x 31.1 x 41.5 inch	55.4 x 37.8 x 42.1 inch
Working area	24 x 12 inch	29 x 17 inch	32 x 20 inch	40 x 24 inch
Max. height of workpiece	6.7 inch	7.9 inch	11 inch	12 inch
Max. processing speed				
CO ₂ laser	110 inch/sec	140 inch/sec	140 inch/sec	170 inch/sec
Fiber laser	78.7 inch/sec	78.7 inch/sec	78.7 inch/sec	78.7 inch/sec
Acceleration	4g	5g	5g	5g
Laser power				
CO ₂ laser	30 – 60 watts	60 – 120 watts	60 – 120 watts	60 – 120 watts
Fiber laser	20 – 30 watts	20 – 50 watts	20 – 50 watts	20 – 50 watts*
MOPA				20 watt MOPA
Multifunctional table concept			•	•
Rotary attachment	•	•	•	•
Pass-Through option				•
InPack Technology™	•	•	•	•
Job Control® Vision		•	•	•
Sonar Technology™			•	

* Speedy 400 not yet available as a stand-alone fiber laser.

Materials for laser engraving and cutting

	engrave			cut			mark		
	CO ₂	fiber	flexx	CO ₂	fiber	flexx	CO ₂	fiber	flexx
Acrylic	•		•	•		•		•	•
Aluminum*		•	•		•	•		•	•
Anodized Aluminum*		•	•		•	•	•	•	•
Glass	•		•						
Fabric	•		•	•		•			
Laminates	•		•	•		•		•	•
Leather	•		•	•		•	•		•
Metal (uncoated)*		•	•		•	•		•	•
Metal (coated/painted)	•		•						
Paper	•		•	•		•	•		•
Plastic	•	•	•	•		•		•	•
Stone	•		•						
Wood	•		•	•		•			

Uncoated metals can also be processed with a CO₂ laser with an additional step and the use of spray or coating.

* Cutting metal films up to 0.5 mm (.0197 in.) thickness possible. Individual tests recommended.

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