

Laser systems for cutting and engraving high-volume print products

→ SpeedMarker GS Series



www.troteclaser.com



- Precision cutting and engraving
- Increase value of printed products
- Boost efficiency and profitability
- 19.7 × 19.7 in. (500 x 500 mm) working area

→ Use digital laser cutting to increase your profits

Increase the value of printed products

Whether you are working with business cards, brochures, packaging or labels, laser cutting or engraving increases the quality and selling prices of your products. The high quality engraving and cutting produced by a laser allows you to set yourself apart from the competition.

Broaden capabilities

GS lasers provide a broad range of capabilities such as register-accurate contour cutting, finest geometries of engraving, and perforation of printed materials-allowing you to expand your product offerings, improve the quality of finished items and make short runs highly profitable.

Work with a wide range of materials

A laser can cut a wide range of materials such as acrylic, paper, cardboard, MDF, polystyrene or foam, to name a few. When you combine digital printing and laser technology, you can offer finished products, rather than just sheets of printed paper. This allows you to develop new areas of business and wow your customers with creative new designs and products.



Increase the quality and selling prices of your finished products



With vision registration the cutting lines and printing match perfectly



Expand product offerings with broader capabilities

→ Intelligent and intuitive software you can customize

SpeedMark Software

Designed specifically for industrial cutting and engraving processes, SpeedMark software provides program modules you can personalize to meet your unique needs. From direct input to fully automated marking, everything is possible with no need for any special programming knowledge. You can even process variable data from external systems and databases. In addition, the SpeedMark user interface can be customized using macros.

Vision registration

SpeedMark Vision registration software is an add-on feature that ensures perfect finishing. It detects printing deviations and automatically adjusts the cutting path. Whether the distortion is linear or non-linear, the cutting lines always perfectly match the printing. Register mark detection also allows printed paper to be cut delicately and engraved individually.



→ Integrate and automate



Sheet stacker

Automated SpeedMarker GS

Automized paper path

Flat pile feeder

Automated laser solution

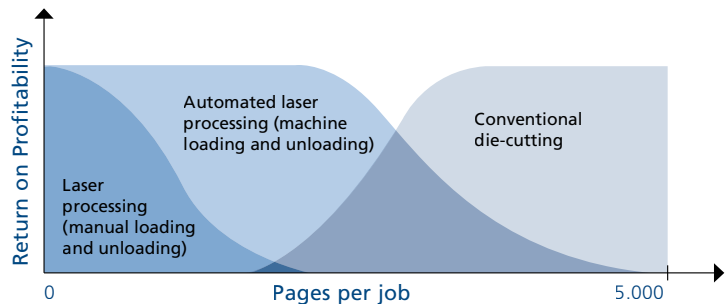
The SpeedMarker GS series includes an automated solution with a flat pile feeder, automated paper path and sheet stacker. With this laser cutting machine, you can cut paper formats up to B2 with a net speed up to 30 sheets per minute.

Configure and integrate

You can also integrate the automated SpeedMarker GS with your existing data management system. The system's modular design can be expanded at any time so the automated SpeedMarker GS can grow with your business.

→ Laser processing v. die cutting

Using laser technology makes your work profitable from the very first printed sheet. Ideal for small and medium runs, laser processing saves the time and money for the production of conventional die-cutting tools.



Optimized workflow with digital finishing

Laser – manual handling

Data processing → Set-up → Production time

Laser – automated solution

Data processing → Set-up → Production time

Conventional die-cutting

Data processing → Ordering → Delivery time die → Set-up → Production time

→ Technical Features

	SpeedMarker GS	Automated SpeedMarker GS
Working area	19.7 x 19.7 in (500 mm)	19.7 x 19.7 in. (500 mm)
Overall dimensions (W x D x H):	39.4 x 55.1 x 86.6 in. (1000 x 1400 x 2200 mm)	189 x 70.9 x 86.6 in. (4800 x 1800 x 2200 mm)
Possible formats:	up to B3	up to B2
Maximum positioning speed:	up to 96.8 ft/s (9 m/s)	up to 96.8 ft/s (9 m/s)
Mechanical design:	Closed casing with double safety system, CE-compliant; software-controlled Z-axis; software-controlled Y-axis (only GS1200 pro)	
Laser features and power levels:	Sealed-off CO ₂ laser with 100 W output, water-cooled; 3-axis galvo system	
Weight:	approx. 1323 lbs (600 kg) (depending on configuration)	approx. 4409 lbs. (2000 kg) (depending on configuration)



Exceptional POP stand-up displays



Smart packaging with laser perforation and cutting



Paper finishing with laser engraving

Trotec Laser, Inc

44747 Helm Ct.
Plymouth, MI 48170

www.troteclaser.com

Tel: 866-226-8505 / Fax: 734-927-6323

 twitter.com/TrotecUSA

 www.facebook.com/TrotecLaserInc

