trotec®
laser. marking cutting engraving

Laser system for cutting and engraving high-volume print products

SpeedMarker GS

www.troteclaser.com

- High profitability from the first page
- Intricate cuts and engravings on paper
- 500 × 500 mm working area

Profitable printed products with digital laser cutting

Added value for printed materials: Achieve higher profit margins by using laser finishing

Whether business cards, brochures, packaging or labels – use of laser cutting or engraving increases the quality and selling prices of these products. By engraving of logos, individual laser cutting of names and ultra-sophisticated ornaments you set yourself apart from the competition.

	Business cards: 4-color print Format 85 × 55 mm 100 pcs.	**Greeting cards:** 4-color print Format 210 × 297 mm 100 pcs.	**Brochures:** 4-color print, 18 pages Format 200 × 200 mm 1500 pcs.
Without laser cutting			
With laser cutting			

New Products

The SpeedMarker GS enables you to create products that would be impossible without a laser system. Expand your range with additional services such as register-accurate contour cutting, finest geometries of engraving or perforation of printed materials. Short runs thus become highly profitable.

Variety of materials

A laser can cut a wide range of materials such as acrylic, paper, cardboard, MDF, polystyrene or foam. Combination of digital printing and laser technology enables print service providers to offer finished products – more than just a sheet of printed paper. Develop new areas of business, enthuse your customers with exceptional applications.

Perfect finishing thanks to register accuracy

Registration mark detection allows printed paper to be cut delicately and engraved individually. Printing deviations are detected by the SpeedMark Vision software, and the cutting path is automatically adjusted. No matter whether the distortion is linear or non-linear. The cutting lines always match the printing perfectly.

SpeedMark Software

The SpeedMark Software is designed specifically for industrial cutting and engraving processes. From data import through graphics processing to generation of barcodes, it covers all steps. Additionally, the SpeedMark user interface can be customized using macros. From simple direct input to fully automated workflows, everything is possible. You can even process variable data from external systems and databases.

Modular design: Automation and integration

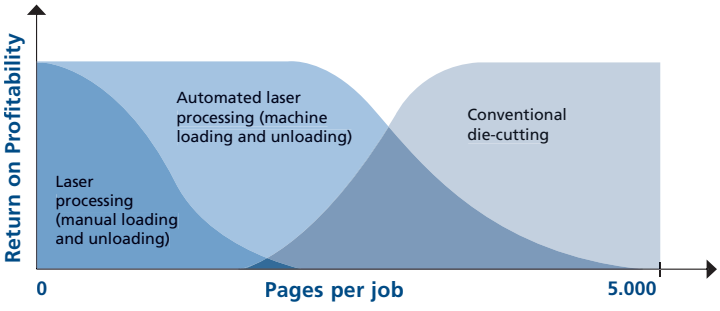
Sheet stacker SpeedMarker GS Flat pile feeder

The SpeedMarker GS offers – precisely according to your requirements – various automation options, such as a fully automated solution with a flat pile feeder and sheet stacker.

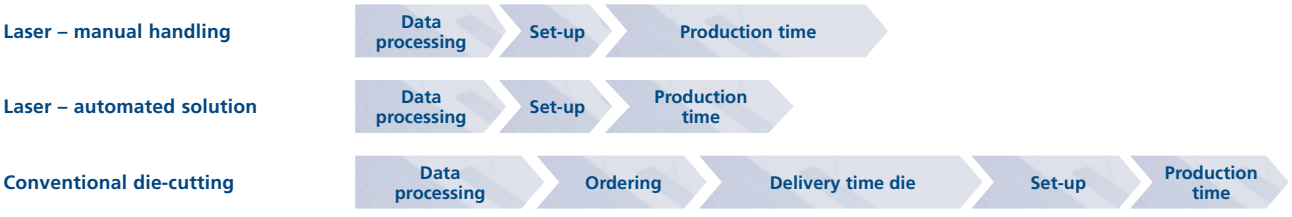
Integration into your existing data management is possible without any problems. Its modular design allows the SpeedMarker GS to grow with your success and to be expanded at any time.

Laser or die-cutting – when to use which?

Use of laser technology makes your work profitable from the very first printed sheet. For small and medium runs, laser processing is the ideal finishing solution. It saves the time and money for the production of conventional die-cutting tools. On your marks, get set, laser!



Optimized workflow with digital finishing



The technology of the SpeedMarker GS

Overall dimensions (W × D × H):	1000 x 1600 x 1990 mm
Working area:	500 x 500 mm
Maximum processing speed:	up to 9 m / s; 220 cps
Mechanical design:	Closed casing with double safety system, laser safety class 2; CE-compliant; software-controlled Z-axis
Laser features and power levels:	Sealed-off CO_2 laser with 100 W output, water-cooled; 3-axis galvo system
Weight:	approx. 600 kg (depending on configuration)

Trotec Lasers – designed and built in Austria.

Exceptional POP stand-up displays

Smart packaging with laser perforation and cutting

Paper finishing with laser engraving

Send us your materials and samples: Our application technicians will help you find the best laser system for you.

www.troteclaser.com

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