

Trotec Introduces Speedy Black Line as a Complete Laser Production System

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Speedy Black Line connects laser processing with digital production workflows through integrated software, automation and production-system connectivity.

Trotec Laser is introducing Speedy Black Line, a workflow-driven laser production platform designed to connect job preparation, laser processing and production management. Available as the Speedy 480 Black Line and Speedy 360 Black Line, the platform combines laser hardware, Ruby® software, automation capabilities and workflow integration in a coordinated production environment.

Available as the Speedy 480 Black Line and Speedy 360 Black Line, the platform combines laser hardware, Ruby® software, automation capabilities, materials expertise, and global service and support within one coordinated production environment.

As production requirements continue to increase across industries such as personalization, print and signage, education, and industrial manufacturing, companies are looking beyond machine speed alone. They need efficient processes, predictable results, and scalable solutions that enable them to do more with fewer manual steps.

"Laser productivity increasingly depends on the steps before and after the actual laser process. The Speedy Black Line was developed to connect job preparation, positioning and production within one workflow-oriented platform," said Petra Berger, Product Marketing Manager at Trotec Laser.

Designed for Production Efficiency

The Speedy Black Line supports users throughout the complete production process, from incoming order to finished product. By combining software, automation, and laser processing in a single system, businesses can prepare jobs faster, reduce manual intervention, and improve transparency across production.

Rather than focusing solely on hardware performance, the Speedy Black Line is designed as a complete solution that combines industrial-grade laser systems, Ruby® software, automation-ready technologies, validated materials, and global support and services.

This integrated approach helps businesses:

- Connect job preparation and laser production workflows
- Reduce manual data handling and processing steps
- Improve transparency across production processes
- Support repeatable production across different applications
- Combine software, automation and support within one production environment

Key Technologies to Keep Production Moving

Several key technologies help maximize productive machine time. The Quick Change Table System enables fast transitions between materials and applications, while OptiFlow extraction technology supports consistent engraving and cutting quality across the entire working area.

For positioning accuracy, Vision Design & Position provides a live visual preview directly on the material before processing starts. Vision Print & Cut ensures reliable registration of printed graphics for applications such as signs, displays, labels, and promotional products.

The Speedy Black Line also supports integration into connected production environments via API and Node-RED. In connected production environments, order information can be exchanged between laser production and surrounding business systems such as ERP, MES, web shops and order-management platforms, helping to reduce repeated data entry throughout the production process.

Built for Long-Term Performance

The Speedy Black Line was engineered for long-term productivity. InPack Technology helps protect critical machine components from contamination, while TroCare service programs provide preventive maintenance, priority support, and expert assistance to maximize system availability. Together with training and application support, customers benefit from a complete ecosystem designed to deliver value throughout the entire lifecycle of the system.

Available in Two Models

- Speedy 480 Black Line: 1248 × 624mm (49x24.5in) working area
- Speedy 360 Black Line: 936 × 624 mm (37 x 24.5)working area
- CO₂, Fiber and Flexx configurations available
- Laser power options up to 120 W CO₂ and 50 W Fiber
- Maximum processing speed of up to 4.32 m/s
- Ruby® software with API and Node-RED connectivity
- Vision Design & Position and Vision Print-to-Cut workflows available

- Global availability from September 8, 2026

Designed for applications in personalization, education, print and signage, and industrial manufacturing, the Speedy Black Line helps businesses create more efficient, scalable, and reliable production processes.

More information can be found here <https://www.troteclaser.com/en/laser-machines/laser-engravers-speedy-series>

Images

Preview of printable image material:

	Trotec Laser GmbH Logo (Source: Trotec)
	Speedy Black Line (Source: Trotec)
	Petra Berger, Product Marketing Manager at Trotec Laser GmbH Trotec Laser GmbH (Source: Trotec)