

## Boost Laser Efficiency: Trotec brings Laser User Experience to new heights with Powerful New Features in its latest Ruby® Software Update

Marchtrenk, July 17th, 2025 – Laser processing efficiency depends not only on machine speed but also on the performance of the software behind it. With Ruby® Laser Software, Trotec Laser delivers an intelligent, all-in-one platform that streamlines the entire workflow—from design to production. With its latest update, Trotec raises the bar once again, introducing over 25 powerful new features that simplify user management, enhance automation, and improve overall usability. The result: faster processes, fewer errors, and a significantly improved laser user experience.

### **Ruby® Laser Software: All-in-One Solution for Fast, Flexible, and Smart Laser Production**

Ruby® Laser Software is an intuitive, all-in-one platform that streamlines the entire laser workflow – from design to production. It supports direct file import from formats like PDF, AI, CDR, and DXF, eliminating the need for external software. Ruby® combines design and processing tools in a single interface, enabling real-time edits and faster job completion. With multi-user access and centralized control of multiple machines and materials, it suits everything from small workshops to industrial setups. The software also includes a smart dashboard for job management, machine monitoring, and predictive maintenance. Ruby® runs on both Windows and macOS and supports remote operation. With minimal training required, it helps users across industries boost efficiency, reduce errors, and future-proof their laser processes.

### **User Management made easy with Ruby® laser software**

The latest Ruby® 2.11 update introduces powerful group management tools that simplify user administration – ideal for schools, organizations, and businesses with multiple users.

Administrators can now organize users into groups such as classes, departments, or teams, making permission management and workflow coordination more efficient. Alongside this, enhanced search and filter options allow sorting by name, role, group, and more, with bulk selection and deletion for streamlined control.

Other user management features include creating and deactivating users, assigning privileges for job and design visibility, and controlling access to material database settings. Users without editing rights can still view settings securely.

"Group management in Ruby® transforms user administration by enabling admins to organize and control large user groups with ease, improving efficiency and security across any organization", says Alexander Schikowski, Head of Product Management at Trotec Laser GmbH.

## **Ruby® Profiles Automate Workflow for Consistent, Error-Free Laser Results**

Ruby® profiles provide a powerful yet simple way to automate repetitive tasks, ensuring consistent, high-quality results while saving valuable time and minimizing errors. Users can define specific job elements to be automated, streamlining the entire laser processing workflow. The latest Ruby® update introduces the ability to set a fixed grid with customizable cell sizes directly within import profiles. Designs can be precisely aligned within each cell (e.g., top left, center, bottom right), and will maintain their alignment even when resized, guaranteeing a uniform layout every time.

To enhance design organization, Ruby® now automatically assigns relevant tags when certain design types are created, for example, "Seals" receive a "Seals" tag. These tags adapt dynamically based on the selected language. Additionally, users can specify which tags should be applied automatically when creating designs or work benches via import profiles.

Ruby® profiles remain fully customizable to meet individual company needs and workflows, offering flexible automation that adapts seamlessly to any production environment.

## **Numerous other tools and functions to simplify every step of the laser workflow**

Ruby® laser software now offers over 25 new features designed to enhance precision, efficiency, and ease of use throughout the entire workflow. For instance, users can fine-tune shapes with individual corner rounding and navigate nodes with ease for perfect customization. The improved job history provides detailed context, including usernames and material data, available in CSV exports for quality control and reporting. A built-in barcode generator supports over 100 barcode types – ranging from Code128 to QR Code – directly within the design area. Photo engravings benefit from the new Unsharp Mask filter, delivering sharper, more balanced images with smoother transitions. With continuous updates like these and many more, Trotec ensures Ruby® remains a cutting-edge solution, helping users maximize productivity and achieve flawless results.

# Press release



## About Trotec

Trotec Laser, headquartered in Marchtrenk, Austria, is a global leader in laser technology. As part of the TroGroup, the European innovation leader develops, produces and markets high-end laser systems for precise marking, cutting and engraving of various materials, continuously setting new standards.

Based on more than 25 years of experience, Trotec stands for innovative complete laser solutions: Laser machines, extraction systems, powerful software and high-quality materials. 14 subsidiaries and a total of around 600 employees look after the more than 40,000 systems installed to date in 90 countries. Exports account for 98 percent of sales, and current sales in 2024 are 129 million.

More information can be found here [www.troteclaser.com](http://www.troteclaser.com).

## Images

Preview of printable image material:

	Trotec Laser GmbH Logo (Source: Trotec)
	Ruby® laser software – powerful and intuitive laser software designed for equipment manufacturers, educators, job shops, sign makers, and creative professionals in arts and crafts.  (Source: Trotec)



Alexander Schikowski, Head of Product Management at Trotec Laser GmbH

(Source: Trotec)

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