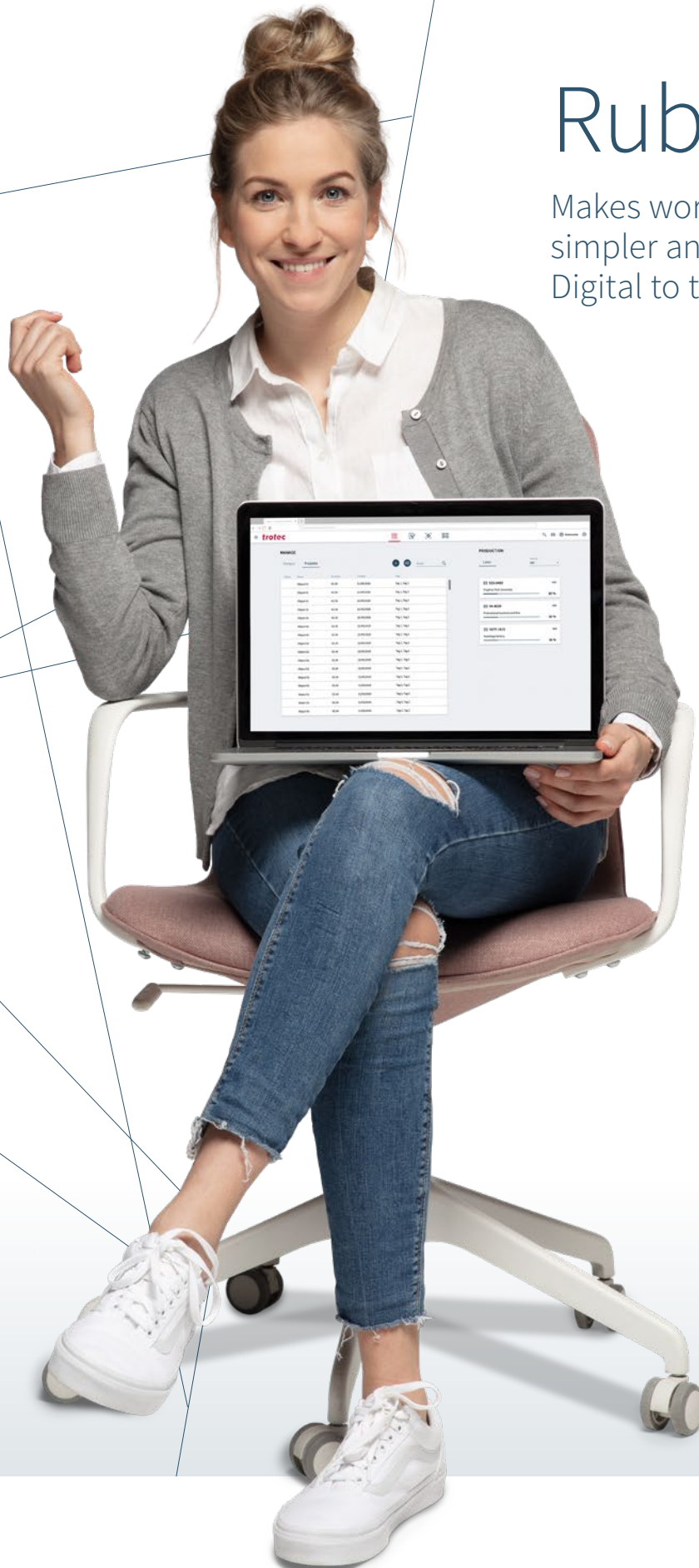


# trotec

## Ruby<sup>®</sup>

Makes working with your laser  
simpler and faster.  
Digital to the core.



/ SETTING NEW STANDARDS

# Ruby®

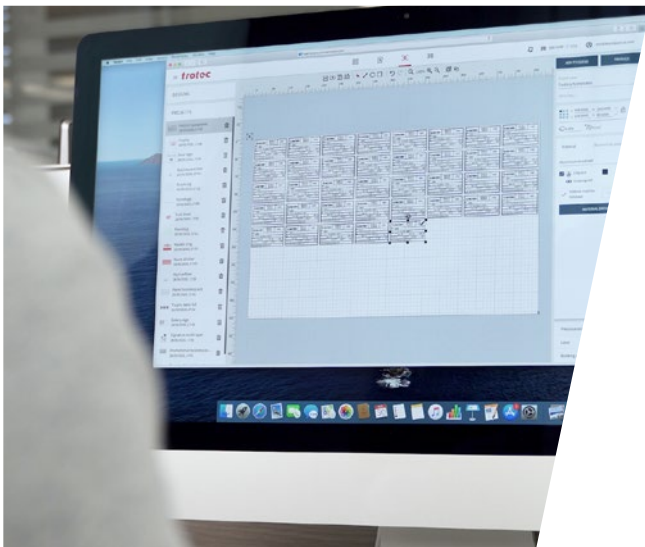
The graphic design software for the laser. For a seamless workflow.

With several integrated design and editing tasks, Ruby® provides a seamless workflow. You can create graphic, photo and text elements and make adjustments quickly with the integrated workflow. Switch between the „design“ and „prepare“ steps at any time in one software that is both a graphics and laser program.

Ruby® laser software allows direct file imports from pdf, svg, and png files. When importing, faulty files are automatically cleaned. These functionalities can cut the time from idea to the finished product in half. No costs for third-party software packages.

Connected working. Multiple lasers, infinite number of users, one web-based platform.

Ruby® connects all your laser machines in a network, locally or in the cloud, enabling users to distribute jobs to multiple machines from a PC or Mac. Jobs will be loaded onto the laser machine's integrated memory and processed without an additional PC. Thanks to the new workflow, jobs can be prepared by one user and produced by another at any time, and from anywhere. Ruby® also allows for different roles and rights in user management. Complete automation of business processes is possible with the open programming interface - the Ruby® API.

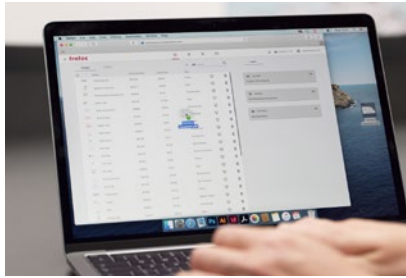


A user interface that delights.

The Ruby® laser software accompanies the user from the idea to the finished product. The training effort is minimal. The seamless, self-explanatory workflow starts with the design and continues through preparation and production. An integrated guide provides additional tips if required. The cloud-based material database helps you improve your laser processing results. The user selects the material and material effects such as deep engraving, dark engraving or kiss cut, and Ruby® provides the right material parameters right from the start.

# Seamless workflow

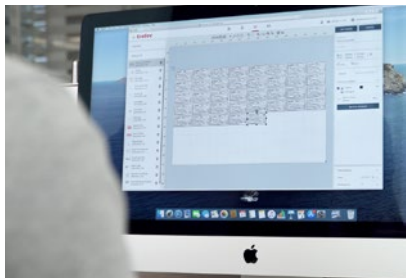
Idea



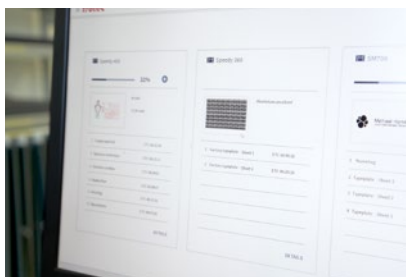
**Manage**  
Search and edit laser designs and jobs



**Design**  
Create laser designs and texts



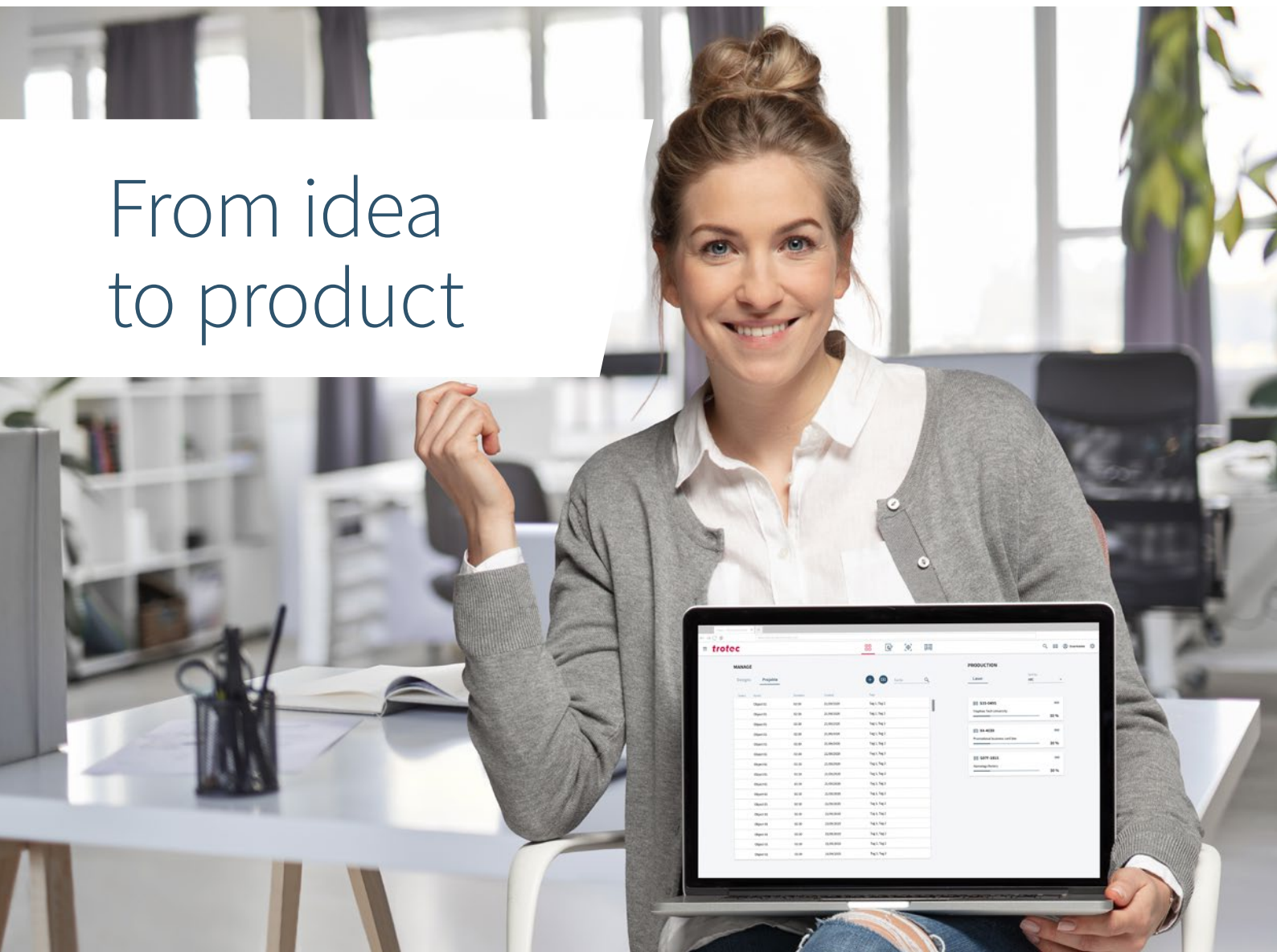
**Prepare**  
Get jobs ready for production



**Produce**  
Run jobs on your laser

Product

# From idea to product



All processing steps for laser users are integrated in one software. The integrated workflow guides the user step by step from the idea for a laser job to the finished product. The advantage of the split workflow: Graphic, laser-related job preparation and laser operation can be performed by different people.



## Import files directly

Directly import files as pdf, svg, png or jpg and clean them automatically.



## Optimize cut jobs

Optimize your cut jobs for better material utilization with kerf correction, nesting, commonline cutting, etc.



## Simplify laser parameters

Time-consuming adjustment of laser parameters is no longer necessary. Simply select material and desired material effect, e.g. dark engraving or kisscut.



## Windows and MAC compatible

Platform and client independence. For all operating systems.





### Create graphic- and text elements

Create designs, photo and text elements. With all the graphic tools the laser user needs.



### Manage roles and user rights

Assign different roles and rights to the users.



### Connect the laser to the network

Connect all laser machines in a network, locally or in the cloud.



### Process variable data

Create tags and other jobs from Excel files and lists with variable text fields.



### Connect your webshop

Connect your webshop to minimize job creation.



### Be secure

We take care of data security. With encryption on secure servers.



### Share jobs, designs and laser parameters

Share jobs, designs and laser parameters with other laser users.



### Get notified in real time

Get notified on the status of your machine to maximize the utilization.



### Know job time upfront

To know job time upfront for quoting and efficient production planning.



### Control more lasers from one PC

Jobs can be distributed from one PC to several machines.



### Use Ruby® since always

Compatible since the 1st minute. Use Ruby® with all Trotec Speedy lasers from 2001 onwards.



### Connect 3rd party systems

Use Ruby®'s open programming interface – the Ruby® API - to connect PLC, ERP or program your own applications.



### Access job data at anytime from anywhere

Access your job data at any time from anywhere. Secure data in the Ruby® Cloud. Backups are created automatically.



### Keep full overview

See what jobs and materials you have produced, how long it took to increase transparency of production. For more efficient production planning.



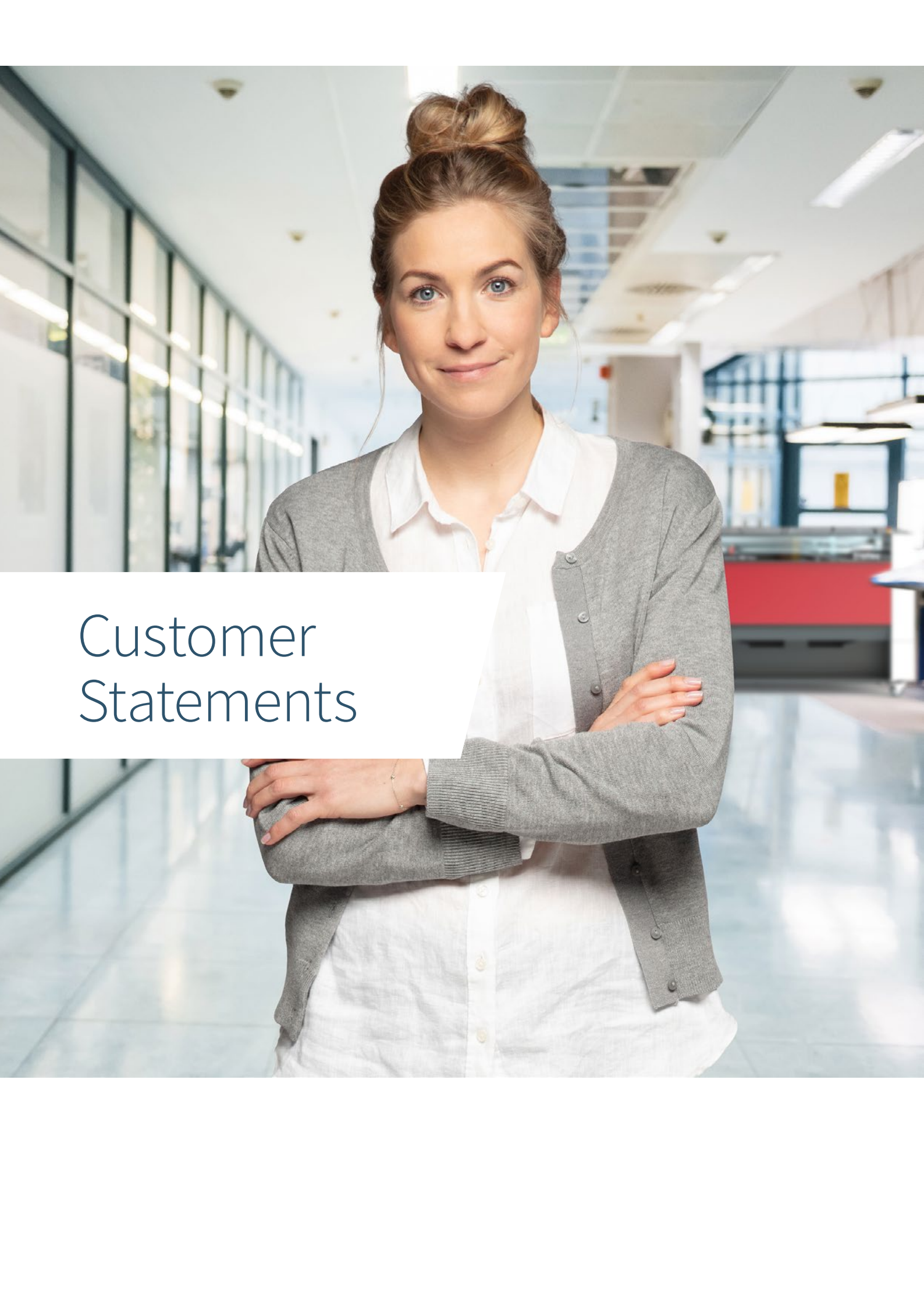
### Fast onboarding

Get into the software quickly with the integrated user guide.



### Speed up file import

Save files onto „hot folder“ to import automatically. This speeds up file import.



# Customer Statements



"I mainly work with Ruby® in teaching and training our students at the Department of Architecture at ETH Zurich. Our students use Ruby® mainly for architectural model making. We see the great advantages of Ruby® above all in its flexible development structure. In our opinion, Trotec has understood that it is not enough to build excellent laser machines and has recognized that with up-to-date software solutions a substantial added value can be created. Ruby® makes our work easier, especially in terms of data preparation. With over 700 users, Raplab has a wide range of software with which to create the cutting data for model making. Fast Pools for adjusting color profiles and lines allow students to edit their files directly on the machine, saving important time."

**Alessandro Tellini, Raplab D-ARCH ETH Zürich, Bereichsleiter**

"In almost all areas, Ruby® already replaces JobControl®. Especially with photo engravings, the results with Ruby® are even better than in JobControl®. Being able to change and adjust designs after import is a big advantage. When creating designs in CorelDRAW®, I don't have to pay attention to line widths and correct colors, but can easily adjust them later in Ruby®. I can therefore import designs from customers directly into Ruby® without having to edit them in CorelDRAW® first. Working with the colored layers makes daily work easier because, for example, I can assign different engraving modes, resolutions and parameters to the photos and text in one job. In JobControl® I had to use several jobs for this."

**Markus Dangl, 4 Unique Dogs, zuständig für Lasergravuren**



"Ruby® redefines the laser process - the clear interface and intuitive operation are joined by the ability to control laser jobs even more easily from outside, thus optimizing production."

**Roland Wick, Laser4you**

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