

Laser systems for

→ **Engravers, sign makers and
dealers of promotional articles**



www.troteclaser.com

setting
new
standards



Signs, medals and sport prizes,
promotional items, gifts, type plates
and much more

→ The advantages of laser technology

→ Lasers offer engravers and dealers of promotional articles unbeatable advantages in comparison with other technologies:

Greater turnover thanks to new applications

Laser engraving enhances products, generates added value and provides greater turnover. For example, add logos, photo engraving, decorations, text, serial numbers and barcodes to a range of materials and objects.

Unbelievable scope for design

Practically every design can be realised using a laser. This gives you total freedom when designing your own inscriptions, logos, barcodes or serial numbers. Even photos can be engraved quickly.

One universal tool for all materials

The laser beam is the universal tool for all materials. Plastics, wood, glass, MDF, acrylic, textiles, card, paper, films, metals and many more. In addition, the beam is always "laser sharp". You therefore no longer have to think about tool or grind costs.

Environmentally friendly production

Use laser technology to transfer the layout directly from the computer onto the material. No need for any additional materials such as films, stencils, etc., which are then expensive to dispose of later. Laser systems are also extremely energy efficient to operate. When combined with an efficient extraction unit, laser systems can also be used in shopping centers.

Non-contact and reliable material processing

Processes such as mechanical engraving require that the material is clamped firmly and often secured with a vacuum. During laser processing, no pressure is exerted on the material (no clamping or other form of fixing). This saves time and money when processing materials and ensures consistent results.

Hard-wearing direct marking

Laser marking is resistant to abrasion, heat, acid and mechanical stress. Depending on the laser parameters, it is possible to mark metals underneath the surface without leaving tangible depressions on the surface of the material.



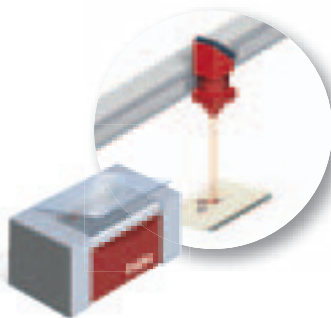
→ Trotec laser engraving: as simple as a printer

1.



Layout, Design

2.



Laser processing

3.



Finished engraving

→ Why Trotec?

Flexibility on all levels

Many materials require different laser treatments in order to achieve optimum results. For your maximum flexibility Trotec offers the unique flexx function enabling you to process all materials with one single laser system for which you would require two machines from any other manufacturer.

Best engraving results

Trotec laser systems are able to transfer even the most complex images onto materials to the highest standard of quality. And in record time. This is because our machines are constructed so that they are able to engrave your designs with precision and reliability even at the highest speed and acceleration.

Simplest operation

Trotec laser systems are as simple to operate as a printer. Continue to work with your usual graphics or Windows programs. Or use Trotec JobCreator which, in addition to basic typesetting, supports the automated generation of series engravings. Send your layouts to the laser via the printer driver. This also means no specially trained operating personnel are required.

The most extensive product range

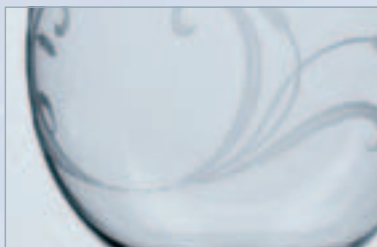
This ensures that your Trotec laser matches your requirements exactly and suits your business model. Trotec also offers exhaust systems and a comprehensive range of materials for laser engraving, such as plastics or laser rubber.

Time and costs always in check

Use the job time calculator to calculate the anticipated engraving and cutting time even before beginning the laser process. This simplifies production planning and the calculation of your engraving and cutting costs. Trotec software also lists all your processed jobs. This makes carrying out calculations in retrospect child's play.

Robust and durable

Trotec laser systems are designed for years of intensive use and are therefore particularly robust. We also only use the highest grade components of leading manufacturers which ensure reliability and consistent high quality.



→ Trotec laser systems produce more profit in less time.

By shortening the work process, you can fulfil your customer orders particularly quickly and efficiently. Profit from additional business gained from new applications available to you by using your Trotec laser.

→ Important facts and figures

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|--------------------------------|---|
| Typical Trotec systems: | Rayjet, Speedy 100, Speedy 300, Speedy 300 flexx, Speedy 500, Promomarker |
| Working surfaces: | Up to 1245 x 710 mm |
| Laser output: | Up to 200 watts |
| File formats: | All popular file formats such as .EPS, PostScript, PDF, TIFF, CDR and many more. |
| Processible materials: | Rubber, wood, veneers, MDF, acrylic, textiles, plastics, card, paper, foamed plastics, films, metals and many more. |

→ **Trotec Laser – developed and built in Austria.**

