

Laser Systems for

→ **Engravers, Creative Crafts and Design**



www.troteclaser.com



Customisation of
signs, gift items, accessories, stamps,
awards and trophies and much more

→ Advantages of Laser Technology

Added Value through Personalisation

Turn standard products into something unique. For example by adding logos, names, photo engravings, embellishments, texts, serial numbers and letterings to a variety of materials and objects.

Increase Sales through Additional Business

Have the courage to offer new products. Expand your range and offer your customers new product ideas. More profit for your business.

Incredible Design Opportunities

Virtually any design can be realised with the laser. This offers you full freedom when creating designs. Photos can be implemented in next to no time.

From Single Pieces to Series Production

The production of single pieces as well as small or even large series is cost-effective and economically feasible. The largest available range of products and the flexibility of our systems make it possible.

Non-Contact Material Processing

During processes, such as mechanical engraving, materials must often be clamped in place or fixed with a vacuum. Whereas this is not necessary in laser processing. This saves time and money.

A Universal Tool for All Materials

The laser beam is the universal tool for everything. Plastics, wood, glass, MDF, acrylic, textiles, cardboard, paper, foils, metals and much more. Tool or grinding costs for milling cutters are eliminated.



Reverse engraved sign



Engraved key chains made of anodised aluminium



Award with engraving on two-ply, self-adhesive material



Leather cover with photo engraving

→ Added Value through Laser Engraving.

By customising your products you turn them into individual pieces and create added value for your customers and yourself. The potential for increasing the value of your product is tremendous. We will be happy to advise you and carry out an economic profitability calculation for you.

Personalised product (single piece)	Size mm	Cost of material	Machine costs	Sales price	Profit	
					absolute	%
Company sign of 2-ply laminate	180 x 180	€ 1,70	€ 0,45	€ 49,90	€ 47,75	96 %
Nameplate made of 2-ply laminate	75 x 25	€ 0,10	€ 0,15	€ 3,60	€ 3,36	93 %
Wine glass with engraved initials		€ 0,50	€ 0,04	€ 12,95	€ 12,41	96 %
Clear acrylic trophy		€ 13,00	€ 0,83	€ 58,00	€ 44,17	76 %
Pen incl. single-line engraving		€ 1,50	€ 0,01	€ 14,95	€ 13,44	90 %
Picture frame of glass with individual engraving		€ 12,00	€ 0,83	€ 45,00	€ 32,17	71 %
Key chain of anodised aluminium with engraving on one side		€ 4,50	€ 0,04	€ 24,50	€ 19,96	81 %
iPhone cover photo engraving		€ 3,50	€ 0,50	€ 28,90	€ 24,90	86 %

Average cost for material and energy, dependent on job size; without labour or shipping costs.

→ Why Trotec?

Best Engraving Results at a Record Pace

Trotec laser systems can produce even the most complex graphics in optimum quality on your material and at a record pace. Our machines are built to create precise and reliable engravings of your designs even at top speed and acceleration.

Simply intuitive

Trotec lasers are as easy to use as a printer. Work in your usual programs and send your layout to the laser, no matter whether from your PC or Mac. No specially trained operators are required.

Flexibility at All Levels

Developed by Trotec, flexx technology combines a CO2 and a fiber laser source in a single device. Use it to process a variety of materials in a single pass, for which you would need two devices from other laser manufacturers. This saves time and money.

Full Control

The Job Time Calculator calculates engraving and cutting times before the job is started. This facilitates production and cost planning. The Trotec JobControl® software records your processed jobs. As a result the post-processing calculation is also a breeze.

For Every User the Right Device

Thanks to the widest range of flatbed lasers Trotec offers the right device for every kind of application. From beginners to professionals. Whether for a one-man business or large enterprises - always the right format.

Robust and Durable

Trotec laser systems are designed for many years of intensive use and are therefore built to be particularly robust. There are no additional costs for maintenance and spare parts which you would have to calculate for other machines.



Mobile phone engraving on anodised aluminium



Engraved stamp plate



Stylish personalisation of metal ball pens



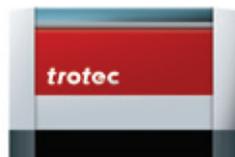
Laser engraved and cut invitations

→ Trotec Laser Engraving – As Easy as Printing.

Design the layout in your usual graphics program. Use your Trotec printer driver to send it to the laser, select the desired material and engrave the desired product using the stored settings. If you wish, you can easily apply advanced settings in the Trotec Job Control® software.



Layout Design



Laser



Finished Product

→ Important data, facts and figures

Suitable Trotec Systems:	Rayjet, Speedy 100 Series, Speedy 300 Series, Speedy 400 Series
Working area:	Up to 1000 x 610 mm
Laser power level:	Up to 120 watts CO ₂ -laser, up to 50 watts fiber laser
File formats:	All standard file formats, such as .EPS, PostScript, PDF, TIFF, CDR, and many more
Materials:	Rubber, wood, veneer, MDF, acrylic, textiles, plastics, cardboard, paper, foam, foil, metals, leather, marble, granite, and many more

→ **Trotec Lasers – designed and built in Austria.**



Nameplate, engraved on two-ply laminate



Leather wallet, fine decorations created with laser engraving



Laser engraved wedding glasses



Type plate, marked on anodised aluminium



Laser marked knives



Engraved USB sticks made of anodised aluminium



Engraved wooden menu



Medal, personalised by engraving on 2-ply acrylic film



Choose from a wide range of laser and engraving materials from Trotec. Experience first-class product and service quality and obtain everything you need from one source.



Company

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