trotec

Laser and Rotary Materials 2023

/ SETTING NEW STANDARDS

The ideal material for each application!

Trotec offers solutions for almost all requirements in the field of engraving, cutting and marking. High-quality, innovative laser system solutions as well as highest standard consumables form this outstanding portfolio. We aim to assist our customers improve profitability and productivity by supplying Trotec materials which offer superior results first time, offering additional services such as our in house ‚cut to size' service and providing a one stop shop solution, allowing our clients to purchase all their products via one call or email.

We are proud to be manufacturer of a full range of Trotec laminates that is completed by additional high-quality products of selected suppliers. We want to make you more profitable by benefitting from this advantages:
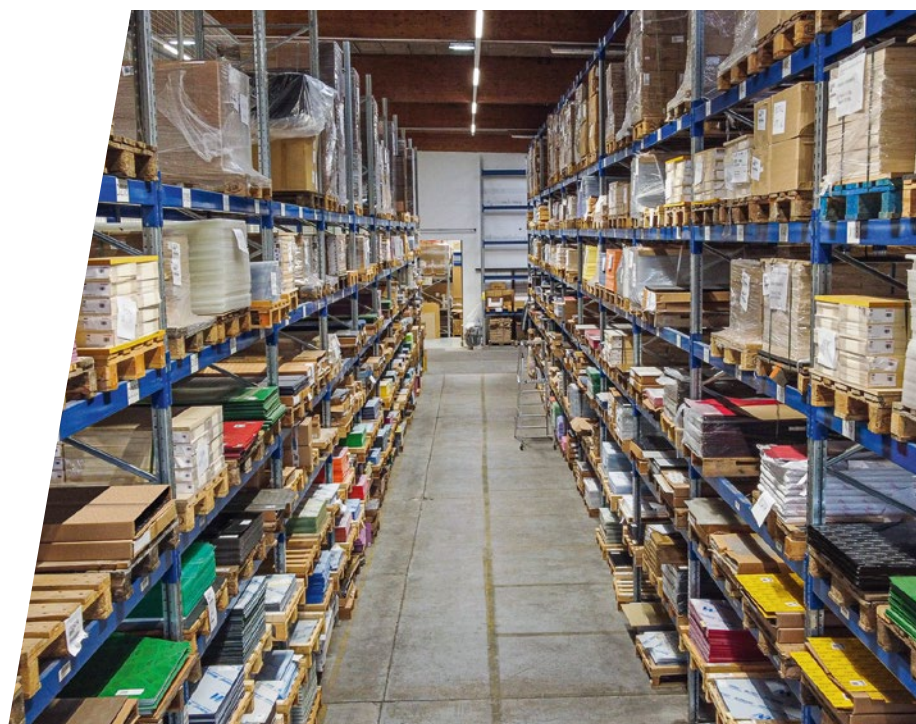
- Engrave efficiently with fewer passes
- Little residue exposed while engraving
- No sticky edges after laser cutting
- Minimal cleaning required
- Consistency in quality and colours
- Highly durable materials

Any color deviations between the images shown in the catalog and actual items are due to electronic depiction or typographical reasons and are not considered mistakes.

Please find our latest product range on our website.

Catalog Contents

How to Read this Catalog

Sheet sizes & tolerances:

Sheet sizes are indicated in each product group description. Note: Minor dimension/color deviations can occur per batch (production-related).

When ordering full sheets, please consider the following tolerances:

TroLase, TroLase Metallic, TroLase Metallic Plus, TroLase Reverse, TroLase ADA Signage, TroLase Thins, TroLase Textures, TroPly, TroPly Metallic Plus, TroPly Satins, TroPly Ultra, TroPly Ultra Reverse
Tolerances: width ± 1,5 mm; length ± 3 mm

LaserWood
Tolerances: width and length: ± 1 mm
Thickness: -0,3 mm; + 0,5 mm

TroLase Lights
Tolerances: width +3 mm; -0 mm; length +6 mm; -0 mm

TroGlass Series
Tolerances: width ± 3 mm; length ± 3 mm
thickness (according to ISO 7823-1):
   gauge 3 mm: ± 0,7 mm
   gauge 4 mm: ± 0,8 mm
   gauge 5 mm: ± 0,9 mm
   gauge 6 mm: ±1 mm
   gauge 8 mm: ± 1,2 mm
   gauge 10 mm: ± 1,4 mm
   gauge 15 mm: ± 1,9 mm
   gauge 20 mm: ± 2,4 mm

Icon legend

Laser material
Plastic sheets made of acrylic are perfectly used for laser processing (laser engraving and laser cutting).

Rotary material
This material is suitable for processing with mechanical engraving devices.

Reverse engraving
This material is engraved from the back using mirrored graphics. The engraved area can be infilled or backlit to enhance the contrast against the colored background.

Front engraving
This material is engraved from the front side.

Exterior use
This material is UV-resistant and suitable for outdoor use. Of course, it can also be used for indoor applications.

Indoor use
This material is suitable for interior applications.

Adhesive possible
Adhesive backing can be applied on selected materials.

UV-Print-Icon
This material is especially suitable for UV/ digital printing.

Grey Icons
All symbols in grey mean that the respective application does not apply.

Cut to size legend

Cut to size
Articles of this product group can be ordered cut to your individual size.

Round corners
Articles of this product group can be ordered with rounded corners. Choose a radius and if the curve should look inside or outside.

Hole drilling
Articles of this product group can be drilled in various diametres.

Bevelled edges
Articles of this product group can be ordered with bevelled edges.

Welcome to Our Webshop

You can quickly and easily purchase our high-quality laser and engraving materials online in our webshop at **www.shop.troteclaser.com**

In our webshop you will find a comprehensive assortment of products, up-to-date information about our materials, usage and processing tips, and practical sample instructions.
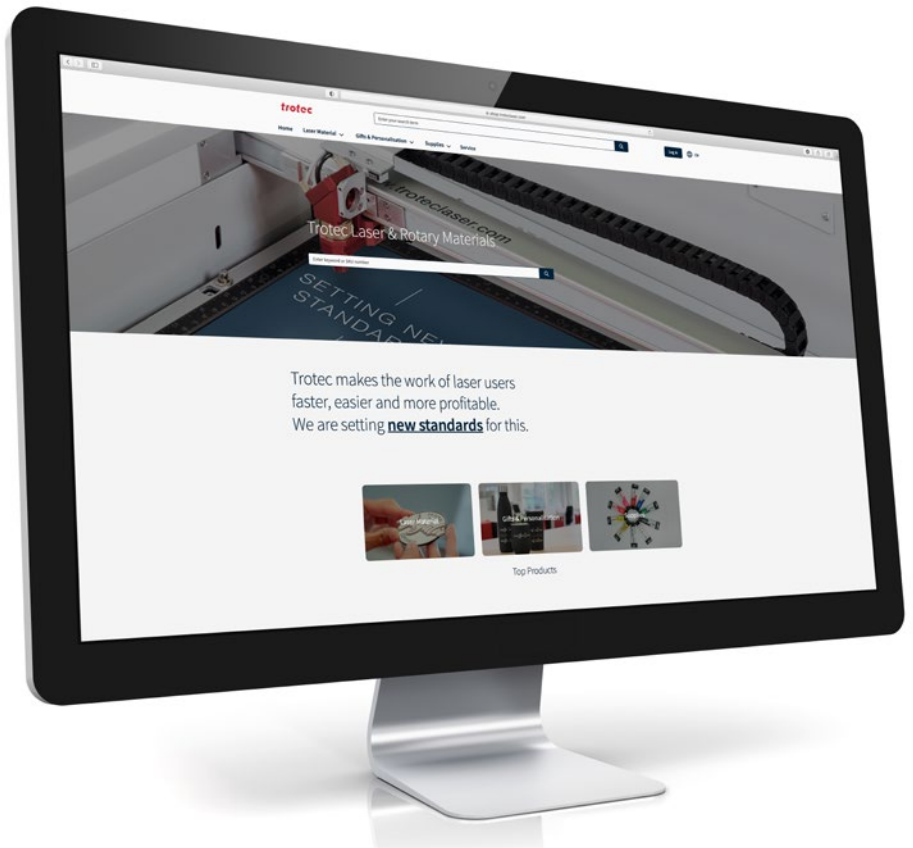
Count on fast delivery.

Have a complete overview of your online orders.

Order around the clock.

Benefit from the tips and tricks of our experts.

Learn exclusively about new products and offers.

Collect TroPoints and receive your discount.
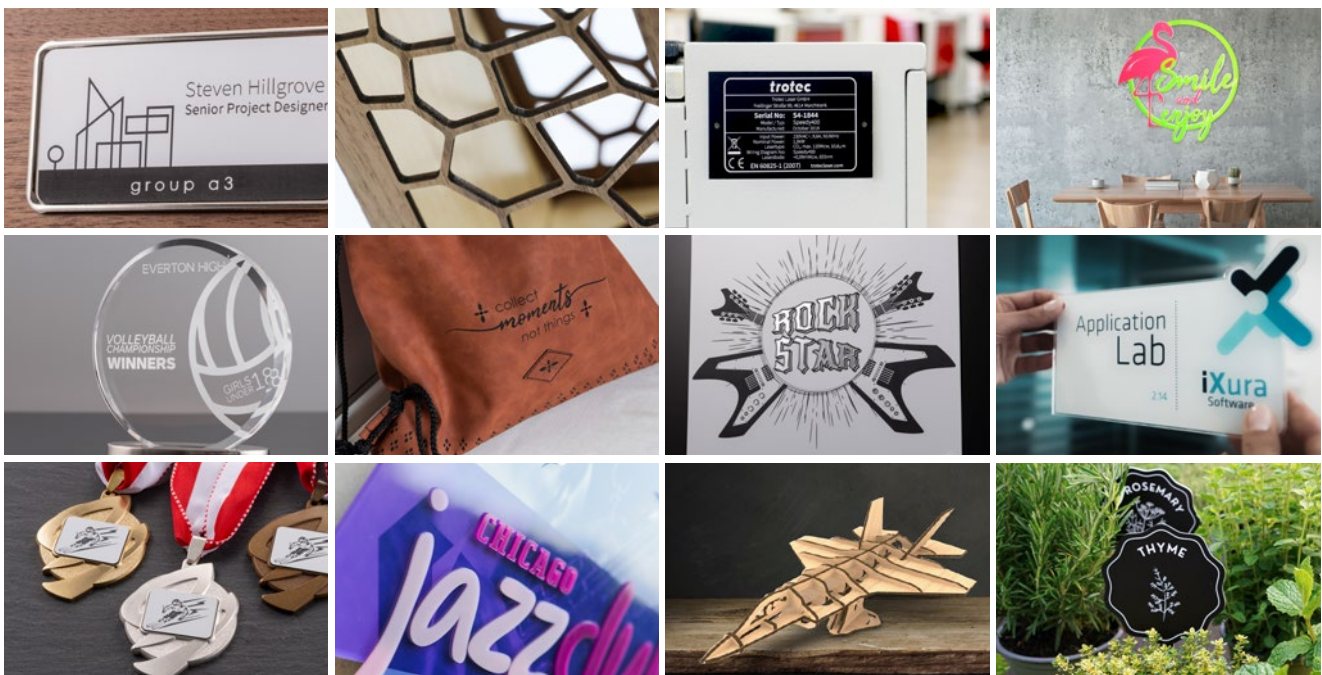
TroLase Series

Trotec's laserable plastics are specifically designed for high-performance laser and rotary engraving. They have a micro surfaced coating on a high-quality extruded core, which allows for detailed engravings at a high production speed. Materials are combined with a low residue characteristic, which distinctly reduces your overall processing time and increases productivity. All products are carefully tested and optimised for your cost-saving, high-quality daily use. Our quality makes you more efficient and profitable. Within the Trotec laser and rotary materials portfolio, you will find a wide range of various colors, effects, gauges and wear and tear characteristics suitable for nearly any application.

Please note our stockkeeping tips on our webshop.

TroLase

Material Features

Material: modified acrylic, color coated, 2 ply / 3 ply
Finish: matte, gloss
Engraving depth: 0,08 mm
Cutting method: laser, saw, guillotine
Sheet size:

$^1/_1$	1245 x 616 mm
$^1/_2$	610 x 610 mm
$^1/_4$	610 x 305 mm

- UV-resistant, acrylic based material
- Detailed engraving at high production speed
- Superior composition minimizes residue and reduces need for cleaning
- Ideal for interior and exterior signs, badges, trophy plates, industrial signs

Cut to size service

	White/Red			White/Blue			White/Black	
	0,8	L206-203 86585		**1,6**	L205-206 71565		**0,8**	L204-203 86561
	1,6	L206-206 71584					**1,6**	L204-206 71546

	Red/White			Sapphire/White			Purple/White	
	0,8	L602-203 86565		**0,8**	L502-203 86594		**1,6**	L582-206 71804
	1,6	L602-206 71828		**1,6**	L502-206 71772			

	Burgundy/White			Blue/White			Black/White	
	1,6	L622-206 71852		**0,8**	L512-203 86581		**0,8**	L402-203 86563
				1,6	L512-206 71782		**1,6**	L402-206 71747

	Orange/White			Navy Blue/White			Smoke Grey/White	
	0,8	L612-203 86564		**1,6**	L552-206 71796		**1,6**	L312-206 71614
	1,6	L612-206 71841						

	Orange/Black			Green/White			English Walnut/White	
	1,6	L614-206 71846		**0,8**	L932-203 86596		**1,6**	L192-206 71515
				1,6	L932-206 71946			

*3.2mm thickness available on order.
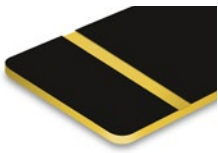
Black/Gold
1,6   L417-206
71759

Black/Silver
1,6   L413-206
86587

Black/Red
1,6   L406-206
71756

Blush Pink/White

1,6   L672-206
149104

Powder Blue/White

1,6   L522-206
149102

Almond/Black
1,6   L854-206
71911

Pink/White
1,6   L662-206
86588

Evergreen/White
0,8   L912-203
86586
1,6   L912-206
71937

Gloss Black/White
1,6   L422-206
86580

Yellow/Red
1,6   L706-206
86590

Yellow/Black
0,8   L704-203
86562
1,6   L704-206
71864

3 Ply

White/Black/White
1,6   L204-306
91640

*3.2mm thickness available on order.

TroLase Metallic Plus

Material Features

Material: modified acrylic, color coated, 2 ply
Finish: brushed metal
Engraving depth: 0,08 mm
Cutting method: laser, saw, guillotine
Sheet size:

	$^1/_1$	1245 x 616 mm
	$^1/_2$	610 x 610 mm
	$^1/_4$	610 x 305 mm

- Acrylic based material with an authentic metallic finish
- Thin top layer enables detailed engraving at high production speed
- Cost-effective, time-saving alternative to metal engraving
- Suitable for outdoor use, signs, badges, trophy plates, safety signs, funeral plates

Cut to size service

Brushed Stainless Steel/Black		Brushed Bright Nickel/Black		Brushed Copper/Black	
0,8	LMT+314-203 87112	1,6	LMT+364-206 87116	0,8	LMT+864-203 87136
1,6	LMT+314-206 71615	3,2	LMT+364-209 87135	1,6	LMT+864-206 87114
3,2	LMT+314-209 87106			3,2	LMT+864-209 87141

Brushed Stainless Steel/Blue		Brushed Stainless Steel/Red		Brushed Gold/Black	
1,6	LMT+315-206 87117	1,6	LMT+316-206 87118	0,8	LMT+764-203 87115
3,2	LMT+315-209 87139	3,2	LMT+316-209 87146	1,6	LMT+764-206 71893
				3,2	LMT+764-209 87108

TroLase Metallic
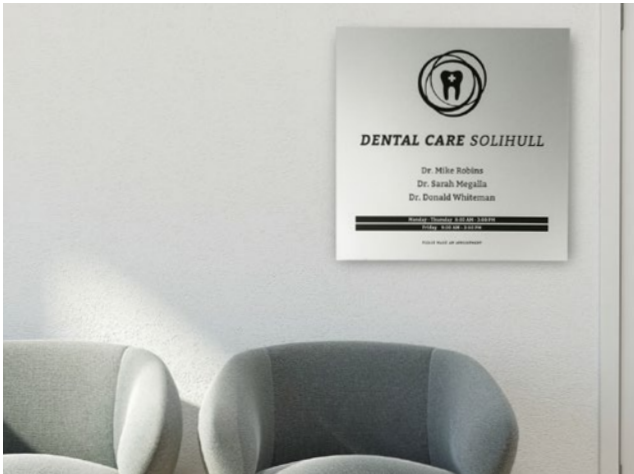
Material Features

Material: modified acrylic, color coated, 2 ply
Finish: brushed metal, smooth
Engraving depth: 0,08 mm
Cutting method: laser, saw, guillotine
Sheet size:

$^1/_1$	1245 x 616 mm
$^1/_2$	610 x 610 mm
$^1/_4$	610 x 305 mm

- Acrylic based laminate
- Authentic metallic finish
- Enables detailed engraving
- For interior signs, badges, trophy plates, safety signs or funeral plates

Cut to size service

Smooth Gold/Black
0,8	LMT714-203	86661
1,6	LMT714-206	86599
3,2	LMT714-209	86662

Brushed Gold/Black
0,8	LMT734-203	86602
1,6	LMT734-206	71881
3,2	LMT734-209	92076

European Gold/Black
0,8	LMT754-203	86600
1,6	LMT754-206	71889
3,2	LMT754-209	86649

Brushed Aluminum/Black
0,8	LMT354-203	86632
1,6	LMT354-206	71700
3,2	LMT354-209	86634
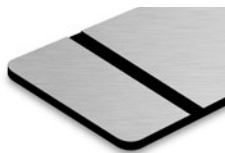
Brushed Silver/Black
0,8	LMT334-203	86619
1,6	LMT334-206	71625
3,2	LMT334-209	86658

Smooth Silver/Black
0,8	LMT344-203	86598
1,6	LMT344-206	86597
3,2	LMT344-209	86656

Brushed Copper/Black
0,8	LMT894-203	86660
1,6	LMT894-206	71931

Brushed Deep Bronze/Black
1,6	LMT884-206	86648

TroLase Reverse

Material Features

Material: modified acrylic, reverse color coated, 2 ply
Finish: matte, gloss (gold and silver), brushed
Engraving depth: 0,08 mm
Cutting method: laser, saw
Sheet size: $\frac{1}{1}$ 1245 x 616 mm
                   $\frac{1}{2}$ 610 x 610 mm
                   $\frac{1}{4}$ 610 x 305 mm

- Transparent acrylic fascia with a colored coating on the reverse side
- Mirror-inverted engraving on the reverse side
- Fill engraved area with your choice of acrylic paint
- Perfect for multi-colored interior and exterior signs, safety signs, promotional and display signage

Cut to size service

Matte/Red	**Matte/White**	**Matte/Silver**
1,6 LR601-206	**1,6** LR201-206	**1,6** LR341-206
71810	71521	71632
Matte/Blue	**Matte/Black**	**Gloss/Silver**
1,6 LR511-206	**1,6** LR401-206	**1,6** LR340-206
71773	71732	71630
Matte/Yellow	**Gloss/Gold**	**Brushed/Silver**
1,6 LR701-206	**1,6** LR710-206	**1,6** LR351-206
71853	71872	71684
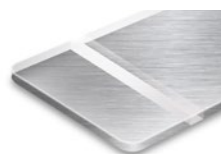
TroLase ADA Signage

Material Features

Material: modified acrylic, 1 ply
Finish: matte
Cutting method: laser, saw, guillotine
Sheet size:

$\frac{1}{1}$	1245 x 616 mm
$\frac{1}{1}$*	1220 x 610 mm
$\frac{1}{2}$	610 x 610 mm
$\frac{1}{4}$	610 x 305 mm

- Solid, dyed, acrylic based material for indoor and outdoor use
- Popular material for the production of braille and tactile signage
- Ideal for cutting out letters and for creating 3-dimensional signs
- Thinner options are a popular medium for architectural model making

Cut to size service

Red
0,8   LS601-103
      71806
1,6   LS601-106
      71807

Blue
0,8   LS501-103
      71767
1,6   LS501-106
      71768
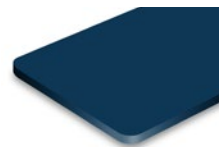
Marine Blue
1,6   LS502-106
      86514
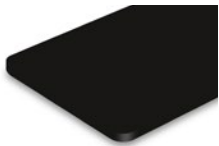
Black
0,8   LS401-103
      71727
1,0   LS401-104
      86504
1,6   LS401-106
      71729
3,2   LS401-109
      71730

Bright White
0,8   LS204-103
      71526
1,0   LS204-104
      86412
1,6   LS204-106
      71527
3,2   LS204-109
      71528

White
0,8   LS201-103
      71519
1,0   LS201-104
      86411
1,6   LS201-106
      86506

Yellow
1,6   LS701-106
      86526

Silver
0,8   LS304-103
      86517

Clear
0,8   LS101-103
      71505
1,6   LS101-106
      71507

TroLase Thins

Material Features

Material: modified acrylic, color coated, 1 ply / 2 ply
Finish: matte, gloss, brushed metal
Engraving depth: 0,08 mm
Cutting method: laser, saw, guillotine
Sheet size:

	$\frac{1}{1}$	1245 x 614 mm
	$\frac{1}{2}$	610 x 610 mm
	$\frac{1}{4}$	610 x 305 mm

- Extremely flexible and ideally suited for curved surfaces
- Acrylic base and thin foiled surface enable detailed engravings
- Elegant engravings for interior signs, badges, trophy and award plates as well as industrial signage
- Solid single ply white and black options are a proven medium for 3D model makers

Cut to size service

Brushed Gold/Black 0,5 LT734-202 86537	**Brushed Copper/ Black** 0,5 LT894-202 71927	**Yellow/Black** 0,5 LT744-202 71854
European Gold/ Black 0,5 LT754-202 71885	**Brushed Silver/Black** 0,5 LT334-202 86544	**Red/White** 0,5 LT602-202 71814
Trophy Gold/Black 0,5 LT794-202 86539	**Trophy Silver/ Black** 0,5 LT394-202 86541	**Blue/White** 0,5 LT512-202 71774
Deep Bronze/ Black 0,5 LT884-202 71917	**Smooth Silver/Black** 0,5 LT344-202 86543	**Black/White** 0,5 LT402-202 71735
Brushed Aluminum/ Black 0,5 LT354-202 71688	**White/Black** 0,5 LT204-202 71529	**Black/Silver** 0,5 LT413-202 91642
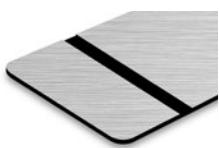
Port Wine/Gold
0,5   LT677-202
      86552

Celestial Blue/Gold
0,5   LT577-202
      86540

Black/Gold
0,5   LT417-202
      71757

1 ply

White single ply
0,5   LT202-102
      86542

Black single ply
0,5   LT404-102
      86545

TroLase Lights
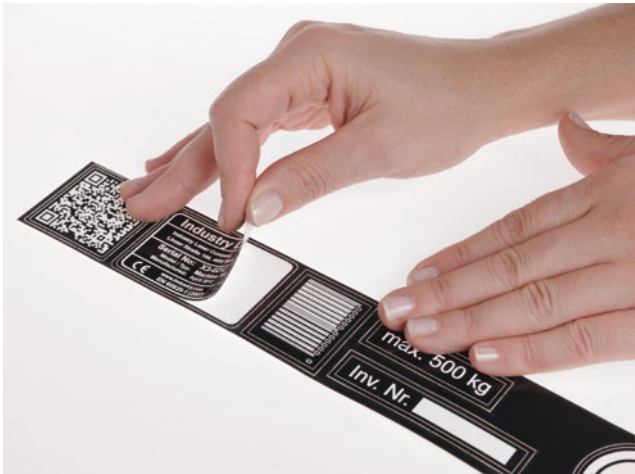
Material Features

Material: PET-foil, 2 ply
Finish: gloss, brushed metal
Engraving depth: 0,04 mm
Cutting method: laser, guillotine
Sheet size: 600 x 305 mm

- Highly flexible and robust film with an adhesive coating on the reverse
- Adheres perfectly to various materials such as metals, plastic, rubber, and wood
- Popular material in industry and commerce
- Perfect for labels, stickers, badges as well as for trophy plates

Cut to size service

Smooth Gold/Black 0,1 LL74-201 71875	**Brushed Silver/Black** 0,1 LL63-201 71621	**White/Black** 0,1 LL62-201 71531
Brushed Brass/Black 0,1 LL64-201 71891	**Smooth Silver/Black** 0,1 LL73-201 71641	**Yellow/Black** 0,1 LL68-201 86554
Brushed Bronze/Black 0,1 LL69-201 71919	**Black/Silver** 0,1 LL75-201 71762	**Black/White** 0,1 LL61-201 71738
Black/Gold 0,1 LL65-201 71765		
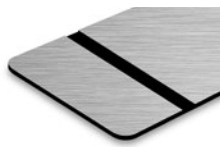
TroLase Foil

Material Features

Material: modified acrylic foil, 2 ply
Finish: matte, gloss, metallic
Engraving depth: 0,04 mm
Cutting method: laser, guillotine
Sheet size: 610 x 305 mm

- Thin, two-layer, flexible engraving material featuring a micro surfaced coating on an acrylic core
- It comes with an adhesive backing and is UV stable
- Allows for special editing options, such as kiss-cutting, to simplify the work process
- Ideal for trophy and industrial labeling, functional signage and custom stickers

Cut to size service

White/Black **0,2** 139687	**Green/White** **0,2** 139691	**Gold brushed/Black** **0,2** 139695
Red/White **0,2** 139688	**Yellow/Black** **0,2** 139692	**Copper brushed/Black** **0,2** 139696
Blue/White **0,2** 139689	**Stainless steel brushed/ Black** **0,2** 139693	**Black matte/White** **0,2** 139685
Nickel brushed/Black **0,2** 139694	**Black glossy/White** **0,2** 139686	
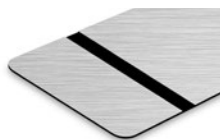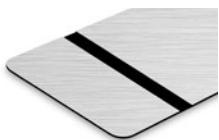
LaserFlex

Material Features

Material: polyurethan foil on transfer film
Finish: matte
Engraving depth: 0,04 mm
Cutting method: laser, guillotine
Sheet size: 420 x 297 mm (A3)

- Suited for customising textiles
- Finest details with intricate motifs can be achieved
- To be applied to textiles using a transfer press
- Ideal for T-shirts, fabric bags, cotton, polyester, blended fabrics
- Less suitable for nylon and coated textiles

Cut to size service

	White **0,1**	LF200 65905
	Red **0,1**	LF600 65942
	Black **0,1**	LF400 65938

Recommended transfer conditions:
- Temperature: 165 °C
- Duration: 17 seconds
- Allow transfer film to cool for a few seconds before removing.

Handling and storage:
- LaserFlex film can be washed at up to 60 °C. Any residues can be removed by washing.
- Store product in dry place.

TroPly Series

Our rotary engraving materials features a range of products for multiple applications. Product properties range from thin surfaces for intricate detail engraving up to strong, robust surfaces used in more demanding environments. Some of Trotec's TroPly materials also have a reflection-free surface, which allows for clear and easy-to-read designs to be created from even the smallest engraved images.

TroPly
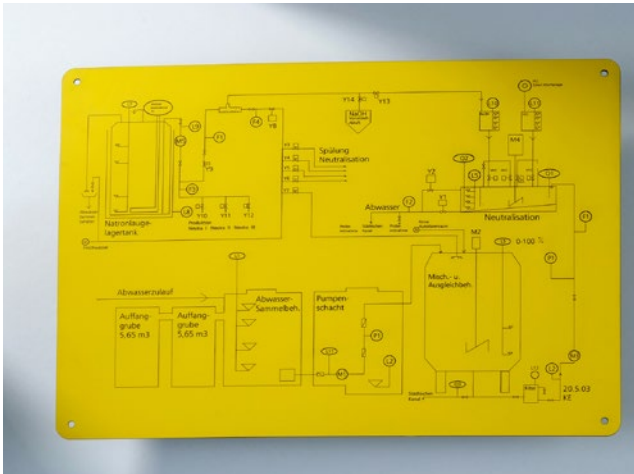
Material Features

Material: ABS, 2 ply / 3 ply
Finish: matte
Engraving depth: 0,08 mm
Cutting method: saw, guillotine
Sheet size:

¹⁄₁	1245 x 616 mm
¹⁄₂	610 x 610 mm
¹⁄₄	610 x 305 mm

- Features a thin surface coating
- The reflection-free surface allows clear and easy-to-read designs
- An ideal choice for an array of interior applications, particularly when a high degree of detail is required
- Perfect for information and safety signs, trophy plates as well as for badges

Cut to size service

Yellow/Black
0,8	P744-203
	86676
1,6	P744-206
	71883

White/Black
0,8	P204-203
	86664
1,6	P204-206
	71534

Red/White
1,6	P602-206
	71818

Blue/White
1,6	P512-206
	71777

Navy blue/White
1,6	P552-206
	71795

Green/White
1,6	P932-206
	71940

Black/White
0,8	P402-203
	86665
1,6	P402-206
	71742

3 ply

White/Black/White
3,2	P204-309
	71554

TroPly Metallic Plus

Material Features

Material: ABS, 2 ply
Finish: brushed and smooth metal
Engraving depth: 0,08 mm
Cutting method: saw, guillotine
Sheet size: $\frac{1}{1}$ 1245 x 616 mm
 $\frac{1}{2}$ 610 x 610 mm
 $\frac{1}{4}$ 610 x 305 mm

- Metallic effect laminate with a scratch resistant top coating
- Features a special protective layer
- Particularly resistant to scratches and wear
- Suitable for trophy and funeral plates, information and interior signs

Cut to size service

Brushed Gold/Black
0,8	PMT+734-203
	159966
1,6	PMT+734-206
	71880

Brushed European Gold/Black
1,6	PMT+754-206
	71888

Brushed Silver/Black
1,6	PMT+334-206
	71624

Brushed Aluminum/Black
0,8	PMT+354-203
	159965
1,6	PMT+354-206
	71699

Smooth Silver/Black
0,8	PMT+344-203
	159964
1,6	PMT+344-206
	71644

TroGlass Series

Our TroGlass acrylic series is available in an extensive assortment of colors, in variations of transparent, fluorescent, translucent and non-transparent, as well as different surface structures. The transparent, fluorescent and translucent colors offer constant light transmission superior to similar glass colors. The wide range of colors and different surface characteristics make Trotec's acrylic glass the number 1 choice for outstanding and eye-catching applications.
Please consider: thickness tolerances according to the table on page 2.

TroGlass Color Gloss

Material Features

Material: cast acrylic
Finish: gloss
Translucency: transparent, fluorescent, translucent, non-transparent
Cutting method: laser, saw
Sheet size:
$\frac{1}{1}$ 1216 x 606 mm (metallic: 1224 x 610 mm)
$\frac{1}{2}$ 606 x 606 mm (metallic: 610 x 610 mm)
$\frac{1}{4}$ 606 x 301 mm (metallic: 610 x 303 mm)

- Constant light transmission superior to similar glass colors
- Glossy finish on both material sides
- High impact resistance
- Shop fitting, interior design or illumination and lighting are typical applications

Cut to size service

transparent

Glass Look 3,0 117143	**Red** 3,0 117131	**Ice Blue** 3,0 117132
Yellow 3,0 117129	**Green** 3,0 117139	**Blue** 3,0 117133
Orange 3,0 117130	**Dark Green** 3,0 117140	

neon

Pink 3,0 162490	**Green** 3,0 162513	**Yellow •** 3,0 162491

- as long as stock lasts

fluorescent

Green fluorescent
3,0   117137

Red fluorescent
3,0   117136

Ice Blue fluorescent
3,0   117138

non-transparent

White
3,0   117070

Grey
3,0   117127

Black
3,0   117128

translucent

White
3,0   117069

Fuchsia
3,0   117105

Sky Blue
3,0   117125

Yellow
3,0   117071

Green
3,0   117123

Blue
3,0   117126

Orange
3,0   117103

Dark Green
3,0   117124

Lilac
3,0   117141

Red
3,0   117104

green cast metallic outdoor use
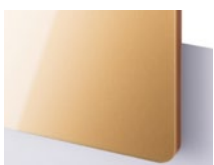
Gold
3,0   129875

Silver
3,0   129877

green cast metallic indoor use

Bright Silver
3,0   129878

Anthracite-Silver
3,0   129879

TroGlass Satins
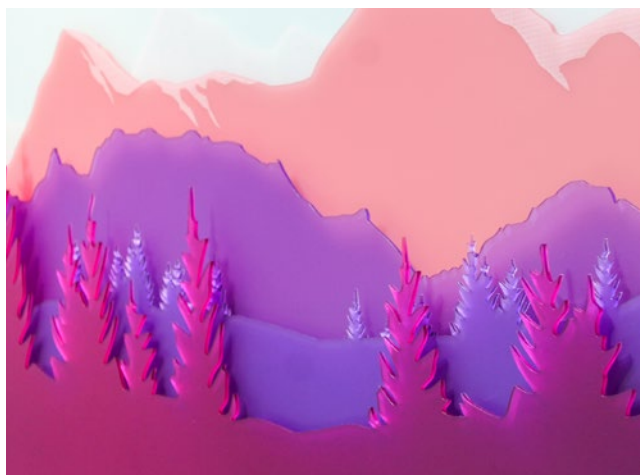
Material Features

Material: cast acrylic
Finish: matte
Translucency: translucent, non-transparent
Cutting method: laser, saw
Sheet size: ¹⁄₁ 1216 x 606 mm
                ¹⁄₂   606 x 606 mm
                ¹⁄₄   606 x 301 mm

- Satin surface on both sheet sides
- Elegant and soft feeling and appearance
- High light transmission
- Ideal for illumination and backlighted signs, POS displays, interior design

Cut to size service

Translucent

Clear 3,0 117034	**Light Pink** 3,0 117037	**Blue** 3,0 117040
Yellow 3,0 117052	**Fuchsia** 3,0 117068	**Aquamarine** 3,0 117035
Bright Orange 3,0 117054	**Violet** 3,0 117041	**Lemon Green** 3,0 117057
Red 3,0 117038		

Non-transparent

White
3,0   117055

Black
3,0   117059

Night & Day

Night & Day
3,0   117147

LED

White matte
3,0   117208

Special Product TroGlass Night & Day: allows the creation of sophisticated signs, giving the possibility of having 2 colors in the same product:
• black when not backlighted
• bright when the sign is backlighted

TroGlass LED is an optimised cast acrylic sheet, developed to adjust itself to the particularity of LED lighting:
• Colors are formulated to meet the wavelength of LEDs: the sheets maintain the same color tone with backlights being turned on and off.
• It allows a high light transmission. The strong diffusion characteristics eliminate spot effects.

TroGlass Reverse

Material Features

Material: Cast acrylic with back-coating, 2 ply
Finish: gloss
Engraving depth: 0,08 mm
Cutting method: laser, saw
Sheet size: $\frac{1}{1}$ 1228 x 610 mm
            $\frac{1}{2}$ 610 x 610 mm
            $\frac{1}{4}$ 610 x 304 mm

- Transparent acrylic with a colored coating on the reverse side
- Reverse engraved areas can be infilled with colors or backlighted
- Black backing reduces cleaning time and enhances depth of color
- Ideal for multi-colored interior and exterior signs, safety signs, promotional and display signage

Cut to size service
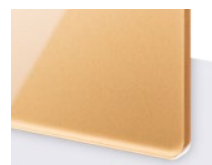
Gloss/White		Gloss/Red		Gloss/Bronze Gold	
3,0	TG4-200 20625	**3,0**	TG4-600 20630	**3,0**	TG4-700 119375
5,0	TG5-200 20632			**5,0**	TG5-700 119377

Gloss/Silver		Gloss/Blue		Gloss/Gold	
3,0	TG4-330 20627	**3,0**	TG4-500 20629	**3,0**	TG4-710 20631
5,0	TG5-330 20633	**5,0**	TG5-500 20635	**5,0**	TG5-710 20637

Gloss/Green		Gloss/Black	
3,0	TG4-931 65005	**3,0**	TG4-400 20628
		5,0	TG5-400 20634

TroGlass Mirror
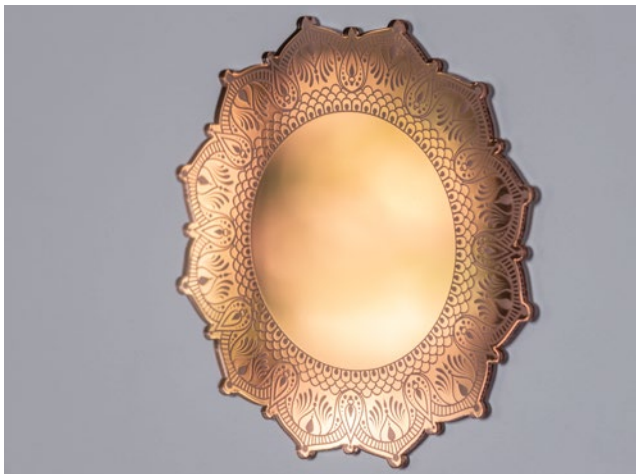
Material Features

Material: extruded acrylic
Finish: gloss, mirroring
Cutting method: laser, saw
Sheet size:
¹⁄₁	1220 x 610 mm
¹⁄₂	608 x 610 mm
¹⁄₄	608 x 303 mm

- TroGlass Mirror is an extruded acrylic glass with a reflective surface
- Perfect alternative to real glass mirror because they are lighter and have a higher breakage resistance
- Mirror-inverted engraving on the reverse side
- Used for wall decorations, jewellery, displays, interior design, ..

Cut to size service

Silver	**Gold**	**Rosé gold**
2,9 144081	**2,9** 144142	**2,9** 144143

TroGlass Clear

Material Features

Material: cast acrylic, 1 ply
Finish: gloss
Cutting method: laser, saw
Thickness and sheet sizes (mm):

	¹⁄₁	¹⁄₂	¹⁄₄
2 - 5, 10, 15, 20:	1216 x 606	606 x 606	606 x 301
6, 8:	1200 x 598	598 x 598	598 x 297

- Perfect optical clarity and therefore great alternative to glass
- Formable, UV-stable and hard-wearing
- Polished laser cut edges, no post-processing necessary
- Ideal for interior and exterior signs, promotional & display signage

Cut to size service

Clear **20,0** 166528	Clear **15,0** 166527	Clear **10,0** 166526
Clear **8,0** 121865	Clear **6,0** 121863	Clear **5,0** 121862
Clear **4,0** 121801	Clear **3,0** 121800	Clear **2,0** 5266

TroGlass XT

Material Features

Material: extruded acrylic, 1 ply
Finish: gloss
Cutting method: laser, saw
Sheet size: $\frac{1}{1}$ 1216 x 606 mm
  $\frac{1}{2}$ 606 x 606 mm
  $\frac{1}{4}$ 606 x 301 mm

- Transparent, extruded acrylic glass with low thickness tolerance
- Fantastic light transmission and excellent resistance to outdoor weathering
- Material of choice when high thickness accuracy is of utmost importance
- Used for POS displays, signage, model making and for pluggable constructions

Cut to size service

| | Clear **5,0** 162787 | | Clear **3,0** 162785 | | Clear **2,0** 163463 |

TroGlitter

Material Features

Material: cast acrylic
Finish: gloss
Cutting method: laser, saw
Sheet size:

	$^1/_1$	1020 x 600 mm
	$^1/_2$	510 x 600 mm
	$^1/_4$	510 x 300 mm

- Cast acrylic in which glitter particles are evenly distributed throughout the material
- Glitter Acrylic offers massive opportunities for creative minds and designers, and they can explore new visual effects
- Offered in a variety of colors, and the material is color stable with no bleaching or fading
- Ideal for sales displays, novelties or even lettering applications

Cut to size service
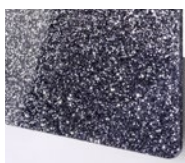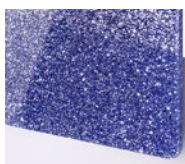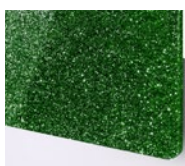
Red	**Black**	**Silver**
3,0 153705	3,0 144645	3,0 144640
Dark Red	**Blue •**	**Gold**
3,0 144643	3,0 144646	3,0 144641
Pink	**Green**	
3,0 144644	3,0 153706	
Red/Gold	**Light Blue/Gold**	**Purple/Black**
3,0 194039	3,0 194040	3,0 194041

- as long as stock lasts

TroGlass Pastel
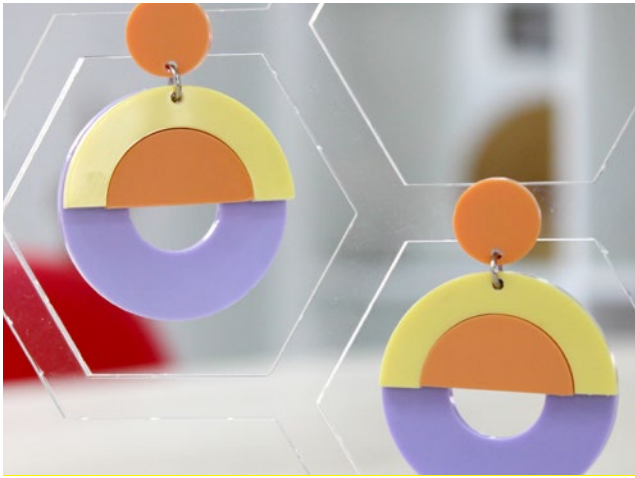
Material Features

Material: cast acrylic
Finish: matte, gloss
Translucency: opak, intransparent
Cutting method: laser, saw
Sheet size: $\frac{1}{1}$ 1216 x 606 mm
 $\frac{1}{2}$ 606 x 606 mm
 $\frac{1}{4}$ 606 x 301 mm

- Flexibility of use due to one gloss and one matte side
- Excellent physical properties of cast acrylic sheet
- Material is color stable with no bleaching or fading
- Typical applications are: visual communication & retail, interior design, shop fitting

Cut to size service

Candy Colors

Mint 3,0 160823	**Yellow** 3,0 160825	**Orange** • 3,0 160828
Lilac 3,0 160824	**Turquois** 3,0 176307	**Light Blue** 3,0 160829
Raspberry 3,0 176304	**Lavender** 3,0 176306	**Pink** 3,0 160826
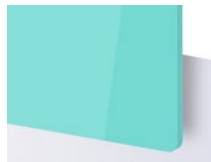
Earth Tones

Nude 3,0 194033 Xxxx	**Ivory** 3,0 194034 Xxxx	**Cherry** 3,0 194035 Xxxx
Coconut 3,0 194036 Xxxx	**Olive** 3,0 194037 Xxxx	**Stone** 3,0 194038 Xxxx

- as long as stock lasts

Metal

Trotec offers metal products for both laser engraving and mechanical engraving. One product group is the anodized aluminum, which features a protective anodised coating that remains intact during laser processing. The image contrast is caused by the removal of the colored coating and almost photographic qualities can be achieved. Additionally, a detailed white engraved image is created. We offer metal for engraving in different colors and also with a matte or a gloss surface.

30110-30

trotec

www.trotec-materials.com | www.troteclaser.com

Anodized Aluminum

Material Features

Material: anodized aluminum
Finish: matte, gloss
Cutting method: saw, guillotine
Sheet size: 1000 x 500 mm

- Suitable for both for engraving with a CO_2 laser and with mechanical engraving devices
- Image contrast is caused by the removal of the colored coating
- Almost photographic qualities can be achieved
- Please consider that the Standard Line is less robust due to the thinner anodized coating
- Typical applications are type plates, signs with advertising impact and ID tags

Cut to size service

Premium Line

Aluminum Satin Silver matte		Black matte		Green matte	
0,5	30105-00 5277	0,5	30105-10 4671	0,5	30105-40 34356
1,0	30110-00 3503	1,0	30110-10 3504	1,0	30110-40 3509
1,5	30115-00 3544	1,5	30115-10 3545	1,5	30115-40 3548
2,0	30120-00 4256	2,0	30120-10 4187	2,0	30120-40 4185
3,0	30130-00 4806	3,0	30130-10 9075	3,0	30130-40 65331
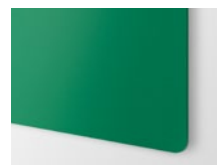
Nickel Silver matte		Gold matte		Blue matte	
0,5	30105-50 65308	0,5	30105-60 65310	0,5	30105-30 4447
1,0	30110-50 3540	1,0	30110-60 3541	1,0	30110-30 3508
1,5	30115-50 3549	1,5	30115-60 3560	1,5	30115-30 3547
2,0	30120-50 65320	2,0	30120-60 4184	2,0	30120-30 4186
3,0	30130-50 65326	3,0	30130-60 15890	3,0	30130-30 65332
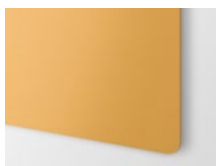
Stainless Steel matte		Red matte	
1,0	30110-90 12659	0,5	30105-20 34357
1,5	30115-90 4603	1,0	30110-20 3505
2,0	30120-90 13667	1,5	30115-20 3546
		2,0	30120-20 4763
		3,0	30130-20 65333
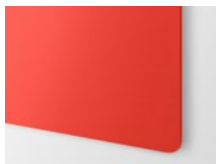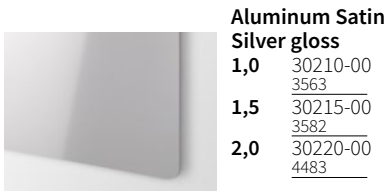
Aluminum Satin Silver gloss

1,0	30210-00	3563
1,5	30215-00	3582
2,0	30220-00	4483
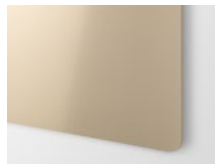
Nickel Silver gloss

1,0	30210-50	3568
1,5	30215-50	3588
2,0	30220-50	65301

Black gloss

1,0	30210-10	3564
1,5	30215-10	3583
2,0	30220-10	46422
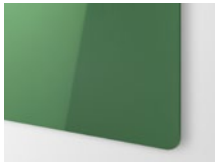
Green gloss

1,0	30210-40	3567
1,5	30215-40	3587
2,0	30220-40	65304
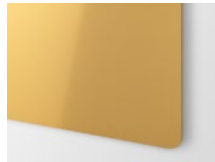
Gold gloss

1,0	30210-60	3569
1,5	30215-60	3589
2,0	30220-60	4760
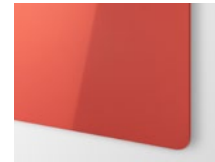
Red gloss

1,0	30210-20	3565
1,5	30215-20	3585
2,0	30220-20	65307
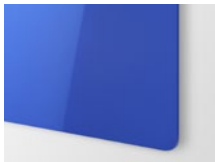
Blue gloss

1,0	30210-30	3566
1,5	30215-30	3586
2,0	30220-30	65306

Standard Line

Standard natural

1,0	122787

! During the manufacturing process of a whole panel, two small spots are created at the edge where the material is not covered with an anodized layer.

DuraBlack®

Material Features

Material: anodized aluminum
Finish: matte
Cutting method: saw, guillotine
Sheet size: 508 x 609 mm

- Coated aluminum with a black surface
- Can be marked in white with a CO_2 laser
- Particularly resistant to environmental influences (weathering, salt water, chemicals, etc.)
- Conforms with various industrial and military standards, including MIL-STD 130N, A-A-50271 (MIL-P-514D) and MIL-STD-15024F, Type L

Cut to size service

Black matte
0,5   77795

AlumaMark®

Material Features

Material: anodized aluminum
Finish: matte
Cutting method: saw, guillotine
Sheet size: [1] 508 x 609 mm
  [2] 305 x 508 mm

- Coated aluminum
- Can be marked in black with a CO_2 laser
- Even lower laser power levels can create a high-contrast engraving
- Typically used for interior signs, name plates, badges, trophy signs and labels

Cut to size service
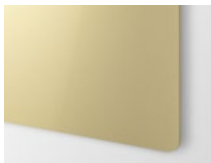
Satin Gold [1]		**Satin Silver** [1]
0,5 3948		**0,5** 3947
Mirror Gold [2]		**Mirror Silver** [2]
0,5 47639		**0,5** 47638
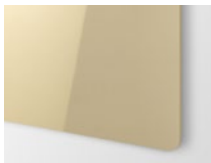
Stainless Steel

Material Features

Material: stainless steel - NIRO ISO 1.4301/ AISI 304 brushed
Finish: brushed
Cutting method: guillotine
Sheet size: 1000 x 500 mm

- Provides excellent corrosion resistance
- Highly resistant to mechanical and chemical stresses, as well as high and variable temperatures
- Allows for permanent, black markings with a CO_2 laser in combination with markSolid, or direct with a fibre laser
- Try our cut-to-size service for stainless steel

Cut to size service

NIRO 1.4301
Brushed
0,8   146041

> ! For a black laser engraving on blank stainless steel using a CO_2 laser we recommend the use of our marking solutions (e.g. markSolid spray/paste). Alternatively, a black marking can be created with a fiber laser.

Wood

Trotec wood products are selected for laser engraving, laser cutting, mechanical engraving and mechanical cutting. Both the natural wood as well as the MDF and Plywood alternatives allow for fine detail marking and cutting with a laser.

Create your outstanding signage with the natural characteristics of real wood. Trotec wood offers a high variation of looks and results when laser engraving, depending on laser settings - deep engraving, dark black marking, light surface marking.

Please consider: Wood is a natural product, so please review our deviations and tips for storage located on our webshop.
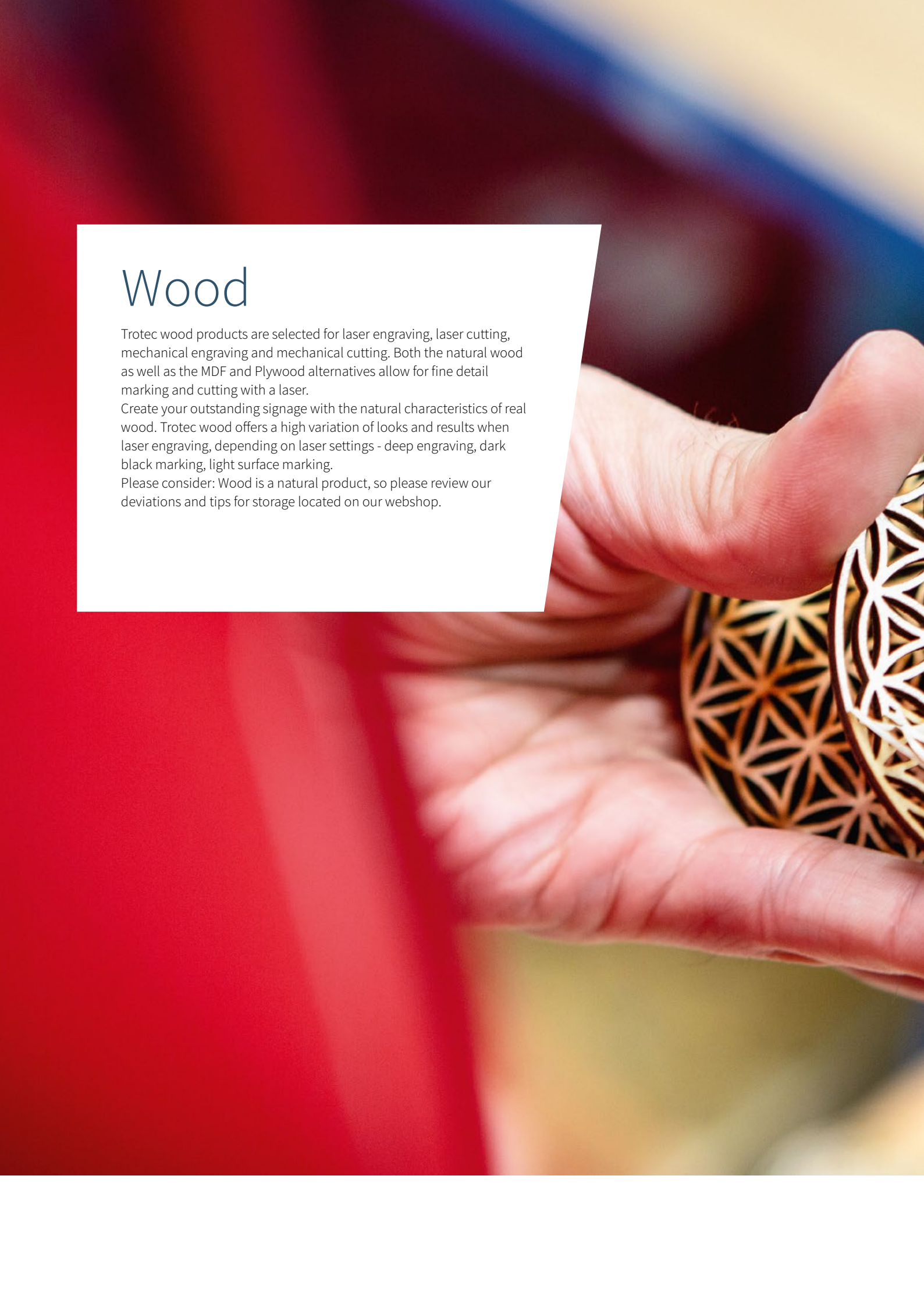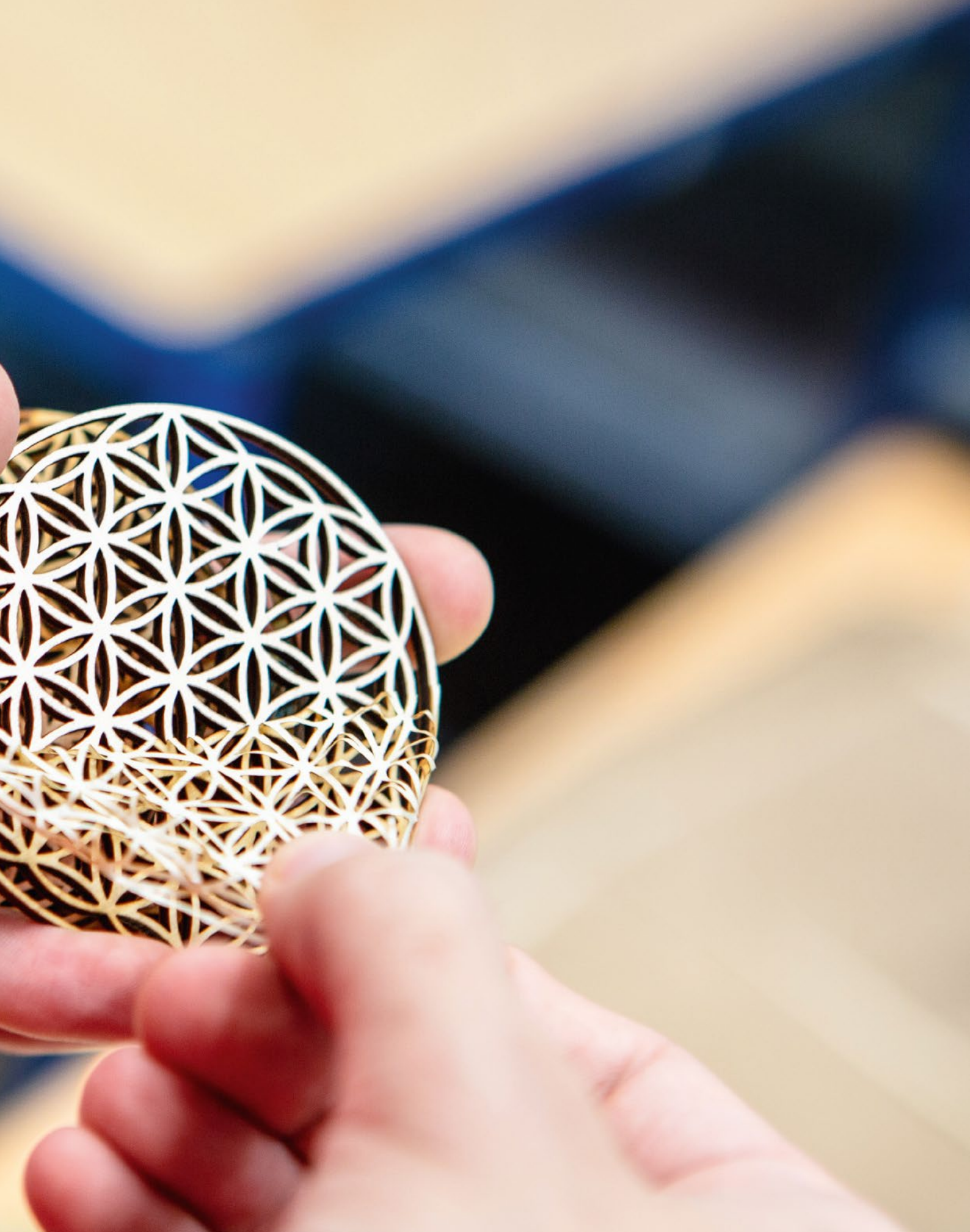
Solid Wood

Material Features

Material: solid wood
Finish: smooth, matte and lacquered surface
Cutting method: saw, laser
Sheet size: 600 x 300 mm

- Ideally suited for the requirements of laser processing
- Smooth, matte surface offers an authentic high quality appearance and durability
- Can be used for a multitude of applications such as small interior signage, interior decorations, fashion accessories and promotional giftware

Cut to size service

Maple	Oak
5,0 120182	**5,0** 120183
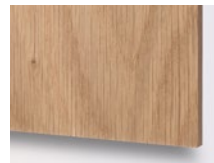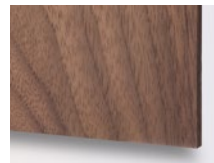
Cherry	Walnut
5,0 120185	**5,0** 120186

Alder	
5,0 120184	

(!) Wood is a living, natural material and each panel is unique. Differences in structure and appearance within a panel can occur. We recommend to allow time for the wood acclimatise to its new environment before processing. Storage should be in an area with constant temperature/humidity.

Wood Veneer

Material Features

Material: Veneered wood sheets
Finish: smooth, matte and lacquered surface
Cutting method: saw, laser
Sheet size: 600 x 300 mm

- Elegant, smooth, matte surface
- It comes with a fibre board core
- Real wood laminated on both sides
- Suitable for a wide range of applications - interior signs, gifts, architectural model making, arts and crafts

Cut to size service

Cherry		Maple		Oak	
3,0	119801	**3,0**	119798	**3,0**	154946

Bamboo		Walnut		Birch	
3,0	119799	**3,0**	119952	**3,0**	119800

! Wood is a living, natural material and each panel is unique. Differences in structure and appearance within a panel can occur. We recommend to allow time for the wood acclimatise to its new environment before processing. Storage should be in an area with constant temperature/humidity.

Plywood

Material Features

Material: Plywood poplar
Finish: untreated
Cutting method: laser, saw
Sheet size: 600 x 300 mm (pack of 10)

- Combines lightweight characteristics with improved dimensional stability
- Untreated, bright surface
- Ideal for architectural model making, prototyping, giftware, toys, arts and crafts, furniture

Cut to size service

600 x 300 mm
3,0   68987

6,0   68990

(!) Wood is a living, natural material and each panel is unique. Differences in structure and appearance within a panel can occur. We recommend to allow time for the wood acclimatise to its new environment before processing. Storage should be in an area with constant temperature/humidity.

MDF

Material Features

Material: MDF
Finish: untreated
Cutting method: laser, saw
Sheet size: 1220 x 600 mm
600 x 300 mm (pack of 10)

- Smooth surface quality
- Furniture grade MDF
- Homogenous fibre structure
- Great results even in fine-detail laser cutting due to high fibre density
- Ideal for architectural model making, prototyping, giftware, toys, arts and crafts

Cut to size service

1220 x 600 mm		**600 x 300 mm**	
3,0	68995	**3,0**	68996
6,0	120164	**6,0**	119957

> Wood is a living, natural material and each panel is unique. Differences in structure and appearance within a panel can occur. We recommend to allow time for the wood acclimatise to its new environment before processing. Storage should be in an area with constant temperature/humidity.

TroCraft Eco

Material Features

Material: natural cellulose
Finish: untreated
Cutting method: saw, laser
Sheet size: 600 x 300 mm (pack of 5)

- Laser material made of recyclable resources - out of pure cellulose fiber
- Produced without using additives, is fully biodegradable and emission-free
- Create sustainable toys, interiors or applications for furniture making, vehicle construction and tool making

Cut to size service

1,0	145324
1,5	145325
3,0	145326

LaserCork

Material Features

Material: Cork
Finish: untreated
Cutting method: saw, laser
Sheet size: 600 x 300 mm (pack of 5)

- Natural, environmentally friendly laser material
- The fine grain structure and the beautiful dark brown engraving make LaserCork suitable for many different creative, decorative or functional applications with a natural touch
- Relatively low laser power is sufficient for cutting our LaserCork
- LaserCork is the perfect laser material for coasters and wall decorations such as a world map or pin board

Cut to size service

0,8	150638
1,5	150640
3,0	150641

LaserLeather

Material Features

Material: 100% PU leather
Finish: matte
Cutting method: saw, guillotine
Sheet size: 813 x 508 mm (pack of 5)

- High-quality two-tone artificial leather with a smooth surface for an excellent touch
- Even very fine engravings reveal the second color layer well
- Specially selected color combinations offer a wide range of use
- From bags, backpacks, labels, jewelry, or a stylish pencil roll - it can be transformed into many unique items due to its easy processing

Cut to size service

Black/White gold	**Black/Blue**	**Brown/Black**
0,65 165274	**0,65** 165279	**0,65** 165276

Cork	**Grey/Silver**	**Navy/Silver**
0,65 192464	**0,65** 192462	**0,65** 192463

Gifts

Grow your business by personalizing gifts and ready-made products for your customers. Apply individual laser engravings to these trendy products and benefit from this simple and cost-effective solution.
We are constantly expanding this product range, please check our webshop for the latest additions.

Laserable Bottles

Material Features

Material: high-grade 304 stainless steel
Finish: matte, scratch resistant
Capacity: 500 ml

- Made of high-grade 304 stainless steel with a colored coating that is perfect for laser engraving
- Double-walled vacuum insulation keeps ice cold drinks cool up to 24 hours, hot drinks keep their temperature up to 12 hours
- The bottles are not recommended for dishwasher cleaning.
- Engraving one or two passes provides different effects with intense colors like blue or red.

Yellow	Green	Turquoise
500 ml 163878	**500 ml** 163879	**500 ml** 163881

Blue	Plum	Navy
500 ml 150277	**500 ml** 163902	**500 ml** 163880

Red	Powder Pink	Black
500 ml 163903	**500 ml** 163904	**500 ml** 163910

White	Pink glitter	Mint glitter
500 ml 186350	**500 ml** 163908	**500 ml** 163909

Gold glitter	Silver glitter	
500 ml 163905	**500 ml** 163906	

Laserable Mugs & Tumblers

Material Features

Material: high-grade 304 stainless steel
Finish: soft
Capacity: 360 ml, 480 ml

- Whether for coffee, tea or a cold lemonade - these mugs and tumblers made of high-grade 304 stainless steel are the product of choice
- Equipped with a lid with lock
- Double-walled vacuum insulation keeps hot drinks their temperature up to 4 hours, ice cold drinks cool up to 8 hours
- Notes: not recommended for dishwasher cleaning.
  Please check our website for latest colors!

Mugs

White **360 ml** 190461	**Black** **360 ml** 163911	**Turquoise** **360 ml** 163912
Red **360 ml** 163913	**Purple** **360 ml** 163914	**Pink glitter** **360 ml** 163915
Mint glitter **360 ml** 163918	**Silver glitter** **360 ml** 163917	**Gold glitter** **360 ml** 163916

Tumblers

Black **480 ml** 163920	**Pink** **480 ml** 163919

Laserable Hip Flask

Material Features

Material: high-grade 304 stainless steel
Finish: matte
Capacity: 240 ml

- Made out of high-grade 304 stainless steel
- Colored coating that can be easily laser engraved
- Personalizing the hip flask by adding a special image or artwork with a laser will create the perfect gift for many special occasions
- Whether for a fisherman, a hunter, at the Christmas market or for a stag party - a personalized hip flask is definitely a highlight
- Notes: not recommended for dishwasher cleaning.
  Please check our website for latest colors.

Black
240 ml   158407

Mint
240 ml   158409

Pink
240 ml   158408

Silver*
240 ml   158405

(!) *For a black laser engraving on blank stainless steel using a CO_2 laser we recommend the use of our marking solutions (e.g. markSolid spray/paste). Alternatively, a black marking can be created with a fiber laser

Aluminum Tags (Pet tags, Rounds)

Material Features

Material: Anodized Aluminum (except military tag stainless steel)
Size: available in a wide range of sizes, shapes and colors
Package quantity: pack of 20 pieces

- When laser engraved, the engraving appears in white
- Engraving with a mechanical engraving machine is possible – in this case the aluminum core will appear in silver
- Create a personalized label
- Ideal as a gift, giveaway or a souvenir

Heart with hole

Small: 24 x 20mm,
Hole size approx. 3,0 mm
Large: 38 x 33 mm
Hole size approx. 3,0 mm

Color	Order No. small	Order No. large
black	122244	122235
blue	122245	122237
red	122246	122238
gold	122248	122239
green	122249	122240
pink	122250	122241
violet	122251	122242
silver	122252	122243

Round with loop

Diameter 25 mm
Hole size approx. 3,0 mm

Color	Order No.
black	122172
blue	122173
red	122174
gold	122175
green	122176
pink	122177
violet	122178
silver	122179

Round with hole

Small: Diameter 25mm
Hole size approx. 3,0 mm
Large: diameter 30 mm
Hole size approx. 3,5 mm

Color	Order No. small	Order No. large
black	122188	122180
blue	122189	122181
red	122190	122182
gold	122191	122183
green	122192	122184
pink	122193	122185
violet	122194	122186
silver	122195	122187

Dog bone

Small: 21 x 31mm
Hole size approx. 2,5 mm
Large: 40 x 27 mm
Hole size approx. 3,5 mm

Color	Order No. small	Order No. large
black	122205	122197
blue	122206	122198
red	122207	122199
gold	122208	122200
green	122209	122201
pink	122210	122202
violet	122211	122203
silver	122212	122204

Military tag

50 x 29mm,
Hole size approx. 3,0 mm

Color	Order No.
black	122253
blue	122254
red	122255
gold	122256
green	122257
pink	122258
violet	122259
silver	122260
Stainless steel blank	122261

Rounds

Material Features

Material: aluminum, plastic
Finish: gloss, matte
Size: 20 mm / 25 mm / 30 mm / 35 mm / 40 mm / 50 mm diameter
Minimum order quantity: 25 pieces

- Individual round blanks in different sizes, with or without drill hole
- Also available self-adhesive
- Other plastics such as TroLase and aluminum with thickness 0,5 mm on request
- Ideal for labels or type plates

	Diameter	Color
Aluminum natural matte	20 mm	natural
1,0 mm thickness	25 mm	natural
	30 mm	natural
	35 mm	natural
	40 mm	natural
	50 mm	natural
Aluminum natural gloss	20 mm	natural
1,0 mm thickness	25 mm	natural
	30 mm	natural
	35 mm	natural
	40 mm	natural
	50 mm	natural
Aluminum colored matte	20 mm	colored
1,0 mm thickness	25 mm	colored
	30 mm	colored
	35 mm	colored
	40 mm	colored
	50 mm	colored
Aluminum colored gloss	20 mm	colored
1,0 mm thickness	25 mm	colored
	30 mm	colored
	35 mm	colored
	40 mm	colored
	50 mm	colored
Plastic:	20 mm	colored
TroPly and TroPly Metallic	25 mm	colored
1,6 mm thickness	30 mm	colored
	35 mm	colored
	40 mm	colored
	50 mm	colored

Supplies

Looking for engraving supplies that simplify and support your daily workflow? From workholding mats to pins and magnets for name badges to laser marking solutions (so you can use your CO_2 laser on metals) you will find in our range. Here you will also find the laser rubber we use for our Trodat stamps, as well as various acrylic colors for reverse engraved areas.

Laser marking solutions

Material Features

Material: pigments and particles embedded in a carrying liquid
Usage: when laser marked, the particles melt together with the surface of the core material (e.g. metal), leaving a permanent dark marking
Consumption: recommended within 6 months after delivery

- By applying the spray or paste on the blank surface (metal, glass, ceramic), CO_2 lasers, as well as fiber or Nd:YAG lasers, produce a permanent black marking
- This marking is highly resistant to mechanical and chemical stresses as well as high temperatures
- High contrast and resolution can easily be achieved
- Perfect for bar coding, product serialisation, logos or individual pieces

Laser marking metals

	Product	Size	Order No.
aerosol	markSolid Spray Metal 114*	300 ml	57792
	CerMark LMM 6000	340 g	4767
	Thermark LMM 14	170 g	15891
paste	markSolid Paste Metal 015	50 g	110200
	markSolid Paste Metal 015	100 g	110201
	CerMark LMM 6000	250 g	48391
tape	LMM 6018 Tape	25 mm x 15 metres	58243
	LMM 6018 Tape	50 mm x 15 metres	64752

Laser marking ceramics

|	Product	Size	Order No.
aerosol	CerMark Ultra Spray	340 g	175645

* Spray not recommended for airfreight

How to use laser marking solutions

1. Preparation

- **Surface Cleaning:** Product needs to be applied directly on the blank surface (metal, glass, ceramic). The surface has to be dry and clean, free of dust, grease, silicone, etc.
- **Spray:** Shake the spray well to make sure solid sediments are dissolved.
- **Pastes:** Dilute the paste with ethanol (alcohol) or water according to the description on the product label. For curved surfaces reduce the grade of dilution.
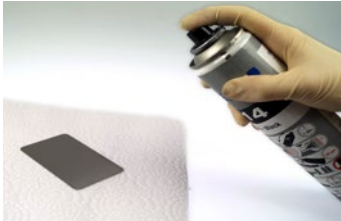
2. Applying

The more evenly and the more accurately you apply the product onto the surface, the better results you achieve. The principle „less is more" applies often in regard to the layer thickness.

- **Spray:** Spray from 20 - 30 cm distance
- **Paste:** Apply with brush, foam or airbrush

3. Drying

The coating must be completely dry before starting the laser marking. It usually takes 1–2 minutes when dried by air, but a hot air blower (e.g. a simple hair dryer) can reduce the drying time.
Tip: You may reduce the drying time by putting the work piece in the laser with exhaust turned on.

4. Laser Marking

The products can be used for marking with CO_2 lasers, Nd:YAG lasers and fiber laser, to name a few. Differences in laser power, wave length and other factors influence the final settings required. After laser marking, excessive coating can be removed by wiping with a damp cloth or by washing with water.

- Light-grey to brown results indicate that too much laser power or too little marking speed were used.
- If the marking can be rubbed off, too little power or too high laser speed can be the cause.
- The same result may occur if the coating is thicker than it should be, or if the material surface is not free of oil or dirt.

Our recommendations

Product	Application
markSolid Paste Metal 015	Black marking on blank metal (stainless steel, brass, etc.)
50 g, 100 g	Paste is suitable for application by brush, especially for smaller areas, or by airbrush.
markSolid Spray Metal 114*	Black marking on blank metal (stainless steel, brass, etc.)
300 ml	Using a spray might be the easiest way for an even coating, especially for larger areas.

TroMask
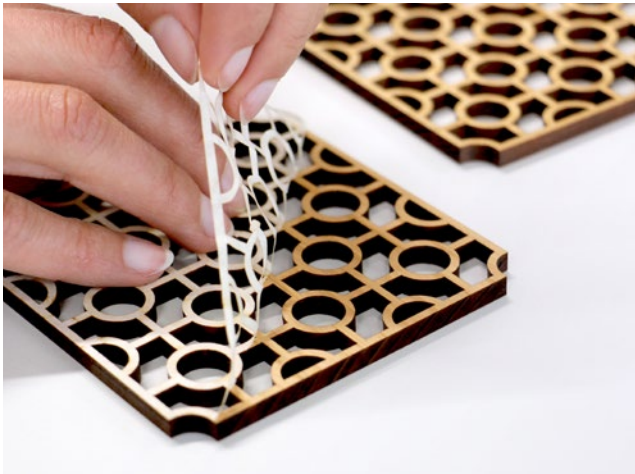
Material Features

Material: paper-based, self-adhesive masking tape
Size: 610 mm x 100 m

- For beautiful cutting results and to avoid smudge marks
- Especially with wood, for example, you save a lot of time for cleaning the material after the laser process
- Adheres easily to surfaces
- Can be removed effortlessly and without leaving any residue without damaging the surface

Laser Masking Paper
610 mm x 100 m   153614

(!) TroMask is a Laser Masking Paper that:
- Offers very good results especially in keeping the material around cut or engraved areas clean
- Can be easily removed after the cutting process
- Helps to reduce working time, accordingly save costs.

Laser Rubber Sheets

Material Features

Material: Trodat stamp rubber
Sheet size: A4, A3

- Has been specially developed to deliver the best engraving results and highest productivity
- Choose from our laser rubber range for various stamp applications
- Regardless of whether you want to save production time, or you want to reduce odours in your production area, Trodat is the right laser rubber for your exact needs
- Trodat's laser rubbers are completely harmless with regard to occupational health and safety

Product	Size	Color	Order Number
AERO+, AERO	A4 / 2,3mm	light grey (850211)	131011 (A4) Aero+
Fastest odourless laser rubber	A4 / 5mm	light grey (850211)	144249 (A4) Aero+
• Low odour while engraving	A3 / 2,3mm	light grey (850211)	130975 (A3) Aero+
• Very easy to clean	A4 / 2,3mm	light grey (850208)	34192 (A4) Aero
• 52° (Aero+), 60° (Aero) Shore-A	A3 / 2,3mm	light grey (850208)	36877 (A3) Aero
TEMPO	A4 / 2,3mm	orange (850206)	34242
Speed laser rubber			
• Up to 21% faster than standard laser rubber			
• Excellent engraving and imprint quality			
• 55° Shore-A			
ECO	A4 / 2,3mm	green (850202)	34244
Ecological laser rubber from natural rubber			
• Made from 100% natural rubber			
• 55° Shore-A			
• water-based ink			
CLASSICO	A4 / 2,3mm	grey (850205)	34248
Reliable standard laser rubber			
• Solvent-resistant			
• 60° Shore-A			
OLIO	A4 / 2,3mm	black (850203)	34246
Oil-resistant laser rubber			
• No expansion with oil-based inks			
• 55° Shore-A			
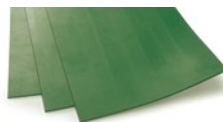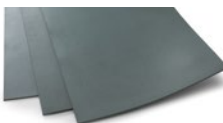
Pins and Magnets

Material Features

Package quantity: 20 pieces

- Offer your customers an extra service by providing finished badge fixing solutions
- Create name signs by engraving laser materials and using these pins and magnets for the reverse side

Size	Description	Order No.
42 x 7,5 mm	Pin white with adhesive	3603
51 x 9,5 mm	Pin with clutch and adhesive	9881
45 x 13 mm	Magnet large	3611
33 x 12 mm	Magnet small	12635

Workholding Mat
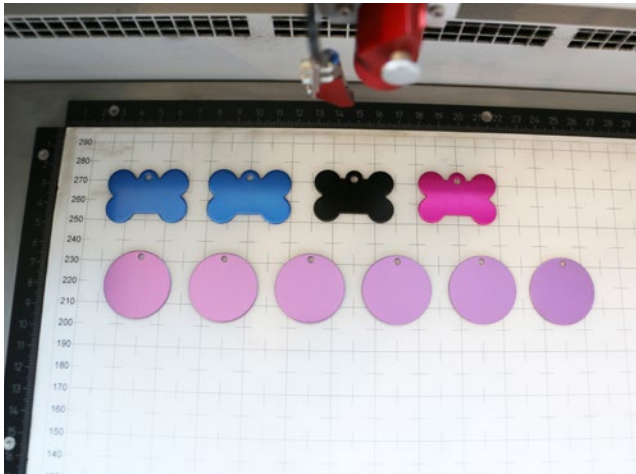
Material Features

Material: thin plastic with a special coating on both sides
Size: various sheet sizes for different laser bed sizes

- Holds material flat on the table - no tape, clamps or additional adhesives are required
- Allows laser and rotary users without a vacuum table to hold down a workpiece and prevent it from moving while operating
- Also recommended for applications where the vacuum table cannot be fully utilized – for example when marking or engraving a high number of small pieces
- Material can be released easily again

Seklema Workholding Mat

Product (Cut to size)	Size
Seklema 67064	1200 x 600 x 3 mm
Seklema 67064 (1/2)	600 x 600 x 3 mm
Seklema 67064 (1/4)	600 x 300 x 3 mm

(!) A workholding mat is a reusable mat, that helps streamlining the production process:
- Holds material flat and in position if there is no a vacuum table
- Better fixation of small items which are hard to pin down by vacuum table
- Speeds up production
- Long lifetime due to "self-healing" surface and two usable sides
- Can be easily cleaned with only a soft sponge and water or mild soapy water
- Various sheet sizes available to fit different laser bed sizes

Advertising materials

Material Features

Material: modified acrylic, cast acrylic, wood
Usage: advertising materials for your customers to support you with your business

- A key element of Trotec's strategy is helping its customers become more profitable and placing customer needs at the center of its core values
- Now you can order a sample binder with a lot of different materials, colour fans and color chains to present your customers a wide range of high-quality products in different colors
- Order quality samples that your customers can touch and see in person

TroLase Series Color fans

Product	Size	Order No.
Color fan TroLase		92488
Color fan TroLase Metallic		92489
Color fan TroLase Thins	70 x 30 mm	92490
Color fan TroLase Reverse		92491
Color fan TroLase Metallic Plus		118063

TroGlass Color chains

Product	Size	Order No.
Color chain TroGlass Color Gloss		117809
Color chain TroGlass Satins		117810
Color chain TroGlass Mirror	50 x 50 mm	146539
Color chain TroGlitter		146140
Color chain TroGlass Pastel		161079
Color chain TroGlass Neon		162833

More Color fans

Product	Size	Order No.
Color fan MDF Veneer	70 x 30 mm	120783
Color fan Solid Wood	70 x 30 mm	120784
Color fan LaserPaper	100 x 60 mm	139443
Color fan LaserLeather	100 x 60 mm	166204

Sample Binder

Product	Size	Order No.
Sample Binder Laser (contains real materials of our TroLase and TroGlass Series, Metals and Wood)		99218
Sample Binder Full (contains all from S. B. Laser and additionally the TroPly Series)	250 x 210 mm	99235
Sample Binder without Metals (contains all from S. B. Full except all Metals)		147273

Material		Engraving		Use		Ply			Handling		
		Laser	Mechanical engraving	Exterior	Interior	1	2	3	Front	Reverse engraving (optional colour fill)	Scores
TroLase	6	●	●	●	●		●	●	●		●
TroLase Metallic	8	●	●		●		●		●		●
TroLase Metallic Plus	9	●	●	●	●		●		●		●
TroLase Reverse	10	●	●	●	●		●			●	●
TroLase ADA Signage	11	●	●	●	●	●			●		●
TroLase Thins	12	●	●		●	●	●		●		●
TroLase Textures	14	●	●	●	●		●		●		●
TroLase Lights	15	●	●		●		●		●		●
TroLase Foil	16	●	●	●	●		●		●		●
LaserFlex	17	●		●	●	●				●	
TroPly	20		●		●		●		●		●
TroPly Metallic Plus	21		●		●		●		●		●
TroPly Ultra	22		●	●	●	●	●	●	●		●
TroPly Ultra Reverse	24		●	●	●		●			●	●
TroPly Satins	25		●		●		●		●		●
TroGlass Color Gloss	28	●	●	●	●	●			●	○	
TroGlass Satins	30	●	●	●	●	●			●	○	
TroGlass Reverse	32	●	●	●	●	●			○	●	
TroGlass Mirror	33	●	●		●	●			○	●	
TroGlass Clear	34	●	●	●	●	●			●	●	
TroGlass XT	35	●	●	●	●	●			●	●	
TroGlitter	36	●	●		●	●			●	○	
TroGlass Pastel	37	●	●	●	●	●			●	●	
Anodized Aluminum	40	●	●	●	●	●			●		
DuraBlack®	42	●		●	●	●			●		
AlumaMark®	43	●			●	●			●		
Stainless Steel	44	●	●	●	●	●			●		
Solid Wood	48	●	●		●	●			●		
Wood Veneer	49	●	●		●	●			●		
Plywood	50	●	●		●	●			●		
MDF	51	●	●		●	●			●		
TroCraft Eco	52	●			●	●			●		
LaserCork	53	●			●	●			●		
LaserLeather	55	●			●		●		●		
LaserPaper	58	●			●	●			●		

Side categories: Laser + Rotary · Rotary · Acrylic · Metal · Wood · Leather · Paper

Saws	Drills	Guillotine	Laser Cutting	Bevels	Hot Bendable	Screen printing	Bonding	ADA Compliant	Hot Stamping		Material	
●	●	●	●	●	●	●	●		●	6	TroLase	
●	●	●	●	●	●	●	●		●	8	TroLase Metallic	
●	●	●	●	●	●	●	●		●	9	TroLase Metallic Plus	
●	●	●	●	●	●	●	●		●	10	TroLase Reverse	
●	●	●	●	●	●	●	●	●	●	11	TroLase ADA Signage	
●	●	●	●			●	●		●	12	TroLase Thins	
●	●	●	●	●	●	●	●		●	14	TroLase Textures	Laser + Rotary
		●	●				●		●	15	TroLase Lights	
●	●	●	●			●	●		●	16	TroLase Foil	
		●	●							17	LaserFlex	
●	●	●		●	●	●	●		●	20	TroPly	
●	●	●		●	●	●	●		●	21	TroPly Metallic Plus	
●	●	●	●	●	●	●	●		●	22	TroPly Ultra	
●	●	●	●	●	●	●	●		●	24	TroPly Ultra Reverse	Rotary
●	●	●		●	●	●	●		●	25	TroPly Satins	
●	●		●	●	●	●	●		●	28	TroGlass Color Gloss	
●	●		●	●	●	●	●		●	30	TroGlass Satins	
●	●		●	●	●	●	●		●	32	TroGlass Reverse	
●	●		●	●		●	●			33	TroGlass Mirror	
●	●		●	●	●	●	●		●	36	TroGlass Clear	
●	●		●	●	●	●	●		●	35	TroGlass XT	
●	●		●	●	●	●	●		●	36	TroGlitter	Acrylic
●	●		●	●	●	●	●		●	37	TroGlass Pastel	
●	●	●		●		●	●			40	Anodized Aluminum	
●	●	●		●						42	DuraBlack®	
●	●	●		●						43	AlumaMark®	
●	●	●		●		●	●			44	Stainless Steel	Metal
●	●		●	●		●	●			48	Solid Wood	
●	●		●	●		●	●			49	Wood Veneer	
●	●		●	●		●	●			50	Plywood	
●	●		●	●		●	●			51	MDF	
●	●		●	●		●	●			52	TroCraft Eco	
●			●			●	●			53	LaserCork	Wood
		●	●			●	●			55	LaserLeather	Leather
			●			●	●			58	LaserPaper	Paper

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Speedy Laser Engraver

Profitability by Design

The Speedy laser engraving and cutting systems are the perfect choice both for entry level users as well as professional engravers. „Speedy" – the fastest and most productive laser machines in the market: By processing at maximum speed of 4.3 m/sec and acceleration of 5g the Speedy is designed to increase your production efficiency. Thanks to the closed construction, essential components are protected from dirt and dust.

This is why you can operate without virtually any maintenance and cleaning requirements. This results in higher up-time and lowest cost of ownership. All platform sizes from 610 x 305 mm up to 1016 x 610 mm are available with a CO_2, a fiber or even both laser sources in one laser system. The patented flexx function enables endless application possibilities. Use both laser sources in one job without having to change the laser source, the lenses or the focus manually.

Personalize gifts like bottles or mugs

Finest details on leather items

Engrave signs with Trotec materials

Expand your business

Speedy Laser Machines are the perfect tool for a variety of materials. Virtually any design can be realized with the laser. For example stamps can be produced within minutes and series production is also significantly streamlined.

Customize honory prizes such as awards or trophies, personalize promotional items or discover new possibilities to expand your business.

SP Laser Cutter

Leading Large Format Laser Cutting
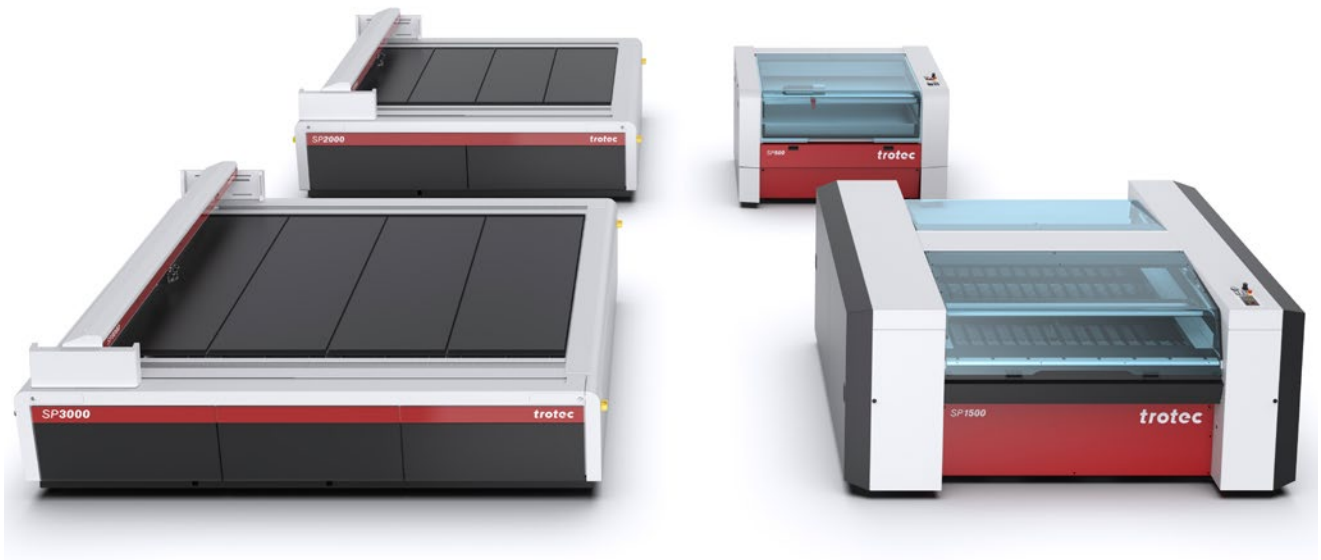
The SP Series is the right choice for large format CO_2 laser cutting systems. The highly efficient flatbed laser plotters are ideal for demanding large format cutting applications in plastics, wood, textiles and many more. Highest laser cutting speed, the four-sides access and Tandem Assist ensure maximum productivity. For the SP series laser cutters Trotec developed a unique, multifunctional table concept.

The ideal table for every application can be selected and replaced easily and quickly. The working areas of SP laser cutters provide enough space for all standard sheet sizes in use today – from 1.245 x 710 mm of the SP500 up to 2.210 x 3.210 mm of the SP3000. Acrylics, textile, paper, cardboard or wooden sheets can be processed efficiently and cost-saving. The SP Series is 100% developed and manufactured in Austria.

Print & cut signs with unusual shapes

Flame-polished result. Cut up to 40mm acrylic.

Laser cutting of MDF furniture.
Within seconds from design to reality.

Make your production more efficient

Laser cut displays or POP materials out of acrylics with glass-clear cut edges without additional material finishing. And besides save up to 88% of acrylics processing costs. Use the laser contour cutting of high quality printed materials like acrylics, cardboard or wood.

Whether intricate paper forms, logos or images, the results inspire with incredible detail, precision and quality. Offer new products and services and achieve more profit!

SpeedMarker
Laser marking machines

Created for Automation

The use of the laser markers of the SpeedMarker series leads to enormous productivity, supports automation processes and inspires by the simple handling - both in data preparation and in daily work. The laser processing cells also offer maximum flexibility in terms of size and number of components.

Especially with SpeedMarker 1300, SpeedMarker 1350 and SpeedMarker 1600, individual large or heavy components can be handled just as easily as a large number of small components in trays. Complex marking sequences are efficiently created with the SpeedMark® software thanks to visual programming and predefined program modules. SpeedMarker series for the automated and precise marking of various plastics and metals.

Industrial tags for machines and parts


Code marking on difficult placements

Durable marks a part´s lifetime long

Durable. Economical. Flexible

The use of SpeedMarker marking lasers supports automation processes. Due to the simple laser marking of dynamic data and infinite possibilities in AdvancedScripting®, the SpeedMarker series is exactly the right choice for machine manufacturing, electronic industry and job shoppers.

Individual components as well as large batch sizes are marked with a Galvo laser class 2 system for complete traceability, brand communication or with functional markings.

Notes
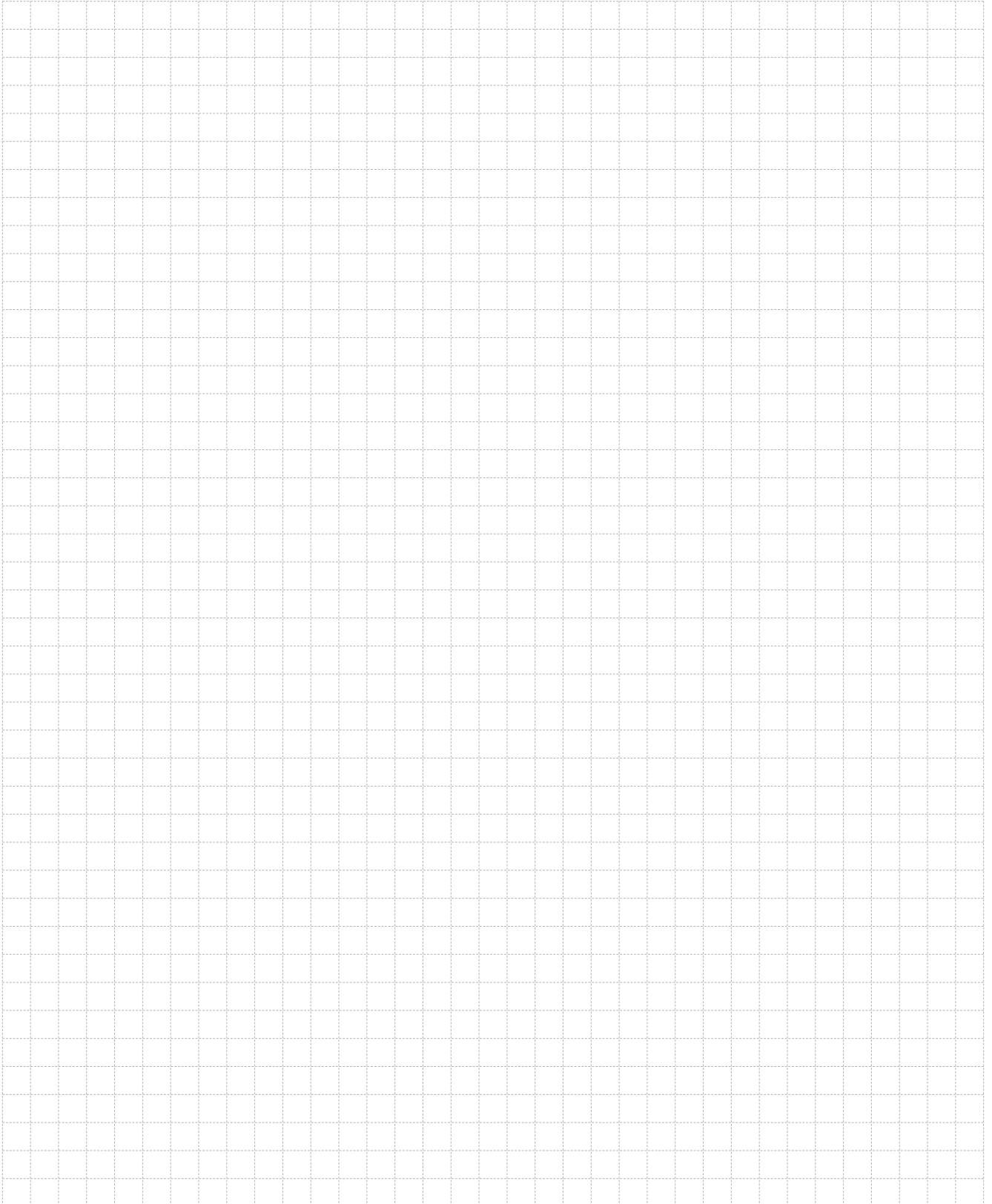
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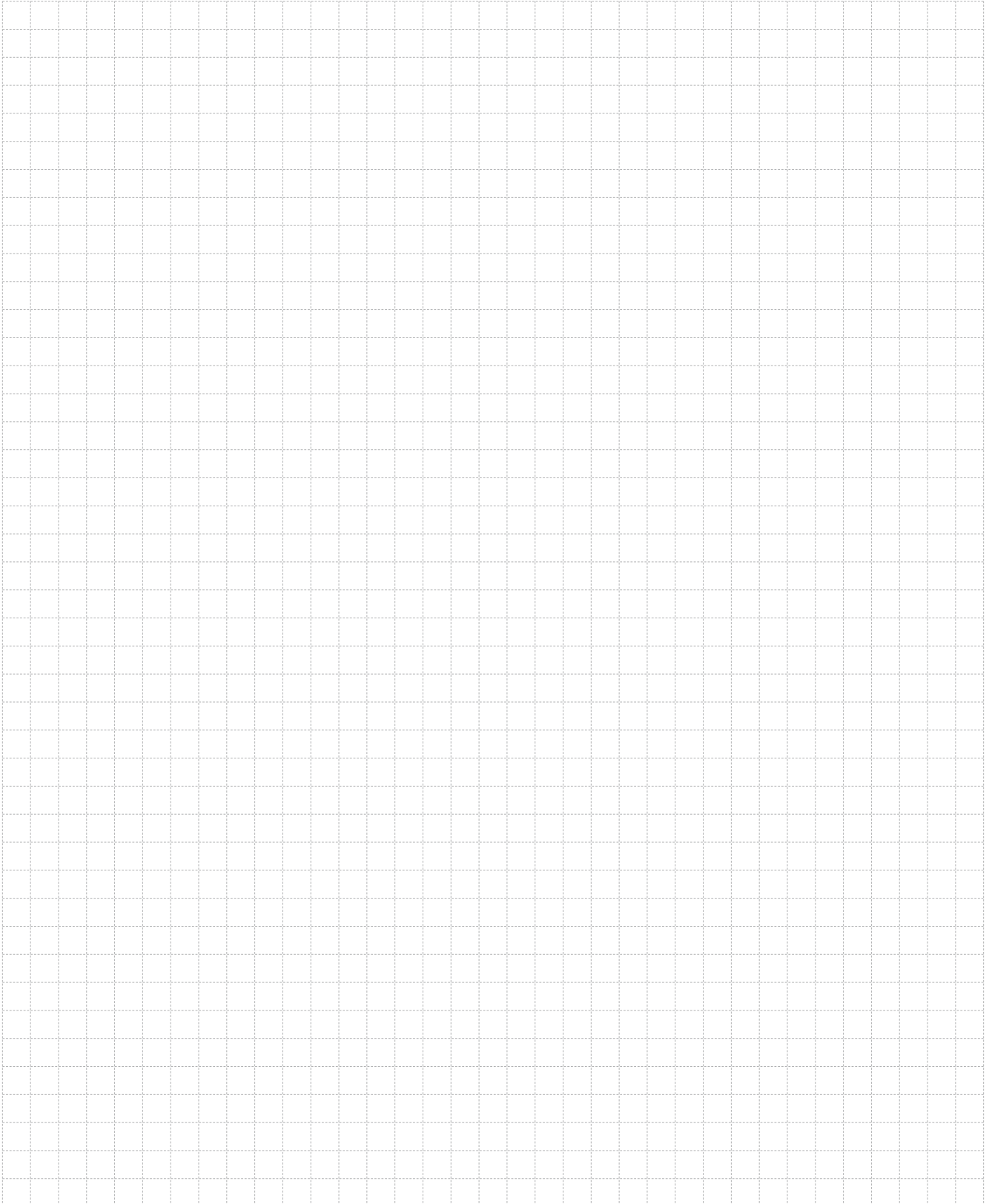
Price list

Contact us - we are happy to send you more information and our price list!

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info@troteclaser.co.za

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