

TroCAM

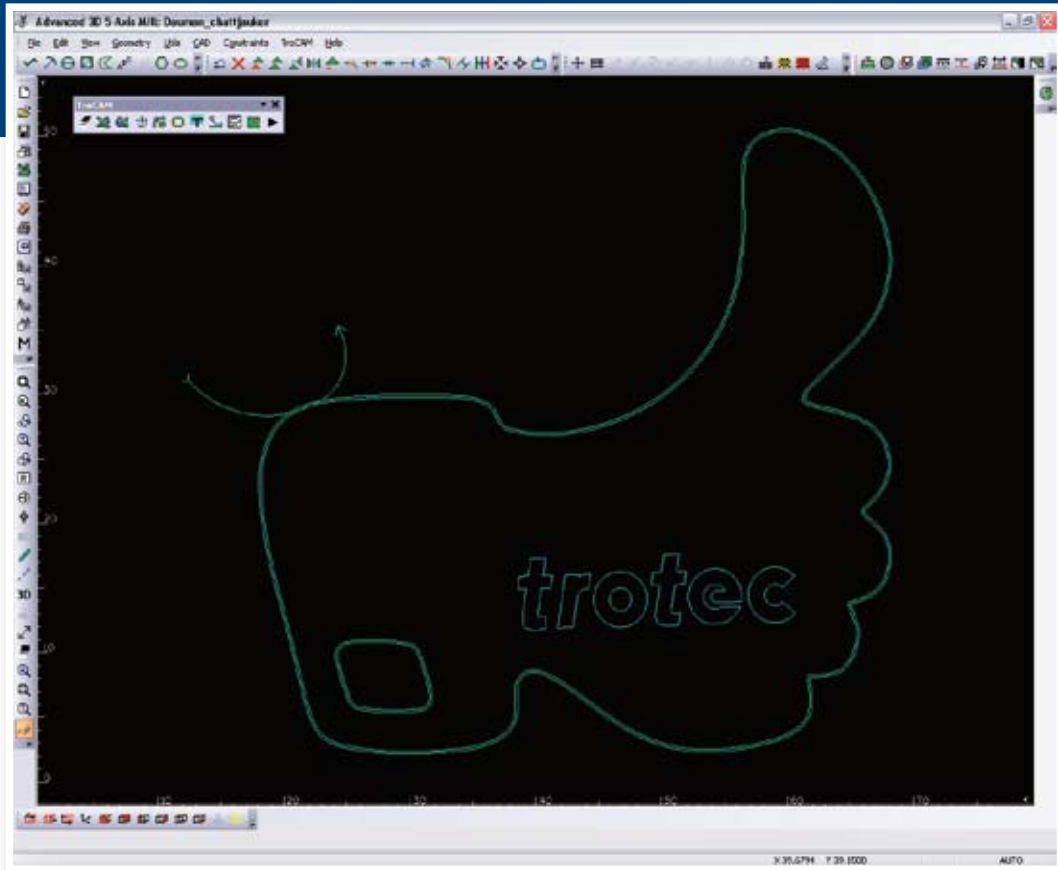
- All in One – Design tool and efficient laser control
- Ideal for display construction, acrylic cutting, model making, wood inlays, and many more.

setting
new
standards



High Efficiency Cutting Systems

Highest precision for perfect cutting results



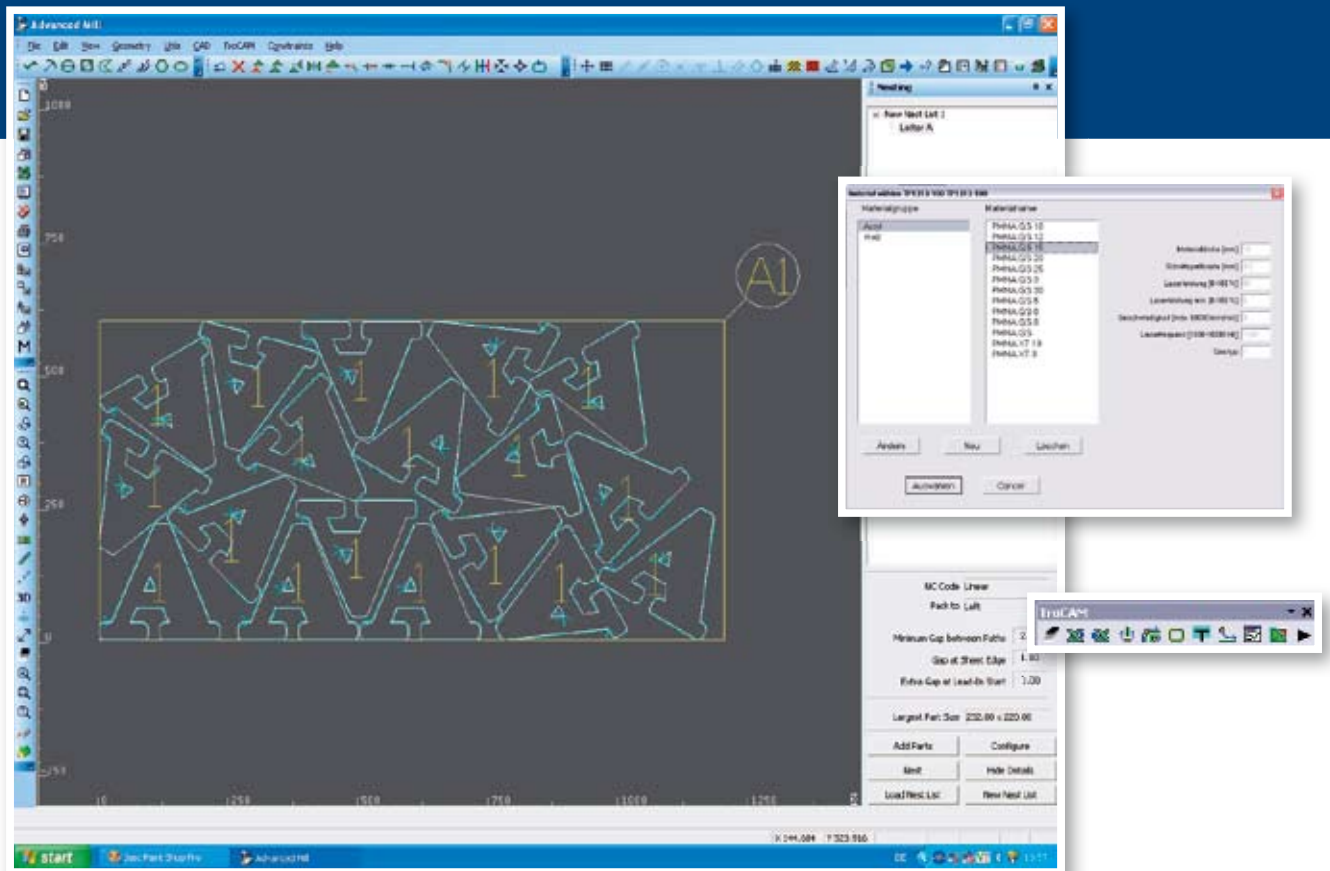
TroCAM is a fully loaded, integrated CAD/CAM software solution to operate your Trotec laser (SP1500, Speedy 500, Speedy 300). It has been developed to provide improved productivity, highest reliability and added flexibility.

TroCAM's CAD module includes functionalities such as lines, arcs, circles and rectangles, as well as special shapes such as polygons and ellipses. **TroCAM** is able to import 3D polylines and DXF and DWG files as standard. It offers numerous editing functions such as changing starting points, moving, copying, rotating, mirroring, scaling and extending. In addition, functional constructions can be converted into shapes and vice versa.

A material database that can be individualised perfects the laser's efficient operation and enables an optimised workflow for every laser operator.



Best equipped for every task



- **CAD modules**

TroCAM possesses software modules for all laser cutting processes such as text entry, rounding, trimming, mirroring, scaling, and much more.

- **Material Database**

A comprehensive materials database with materials that have been especially matched to the Trotec laser increases efficiency. Use your own materials and accelerate your workflow. Feeding, laser performance, frequency and resolution with a simple push of a button, for every operator and every job.

- **Nesting**

The nesting module supports automatic or manual nesting on a freely-defined number of plates that are outlined as desired, and favours the optimal use of material. A plate database provides an overview of already-processed plates.

- **Lead-In / Lead-Out**

TroCam supports variable start and stop strategies for perfect cutting lines. The laser puncture will be completely invisible.

- **Cutting sequence / Sorting**

TroCam offers a preview of the process' sequence and direction when laser cutting and supports diverse sorting functions.

- **Cutting lines**

TroCam supports the free selection of cutting lines (center, interior, exterior, alternating...) for exact correction of the cutting gap.

- **Import function
(DWG, DXF industry standards)**

Compatible in every regard—**TroCam** possesses, as standard, a .dwg, .dxf and .iges interface with numerous import settings (up to AutoCAD 2004).

Functions:

Feature category	Feature	Basic	Advanced
File	• Import NC code	•	•
	• Select post processors	•	•
Import CAD data	• DXF, DWG, IGES	•	•
CAD interfaces	• Inventor, Rhino, Solid Edge, Solid works		•
Export CAD data	• DXF, IGES	•	•
Fonts	• Defines new fonts		•
Peripheral devices	• Print, plot	•	•
	• digitalise		•
2D shapes	• Lines, arcs, circles, rectangles	•	•
	• polygons, ellipses	•	•
	• Text input / text output	•	•
	• Bolt circle, oblong hole, circle output on outline		•
	• Drawings with contour path		•
CAD aids	• Object snaps	•	•
	• Grid and orthogonal modes	•	•
CAD processing	• Modifying elements	•	•
	• Dimensioning	•	•
	• Generating a CAD layer	•	•
	• Modifying line types	•	•
	• Splines*		•
Processing changes	• Lead-in / Lead-out	•	•
	• Changing the processing direction		•
CAM	• Trotec material database	•	•
	• Tool orientation for cutting lines	•	•
	• Compensation of cutting gap	•	•
	• Preview	•	•
	• Automatic sorting of cutting lines	•	•
	• Trotec material database		•

* Processing of AutoCAD (starting from Version 2004) Splines in BASIC version is possible (additional conversion is necessary).



Linzer Str. 156
A-4600 Wels
Tel. +43 / 72 42 / 239-7002
Fax +43 / 72 42 / 239-7380
trotec@troteclaser.com
www.troteclaser.com

trotec[®]
laser. marking cutting engraving