

The powerful CAD/CAM software

→ **TroCAM**



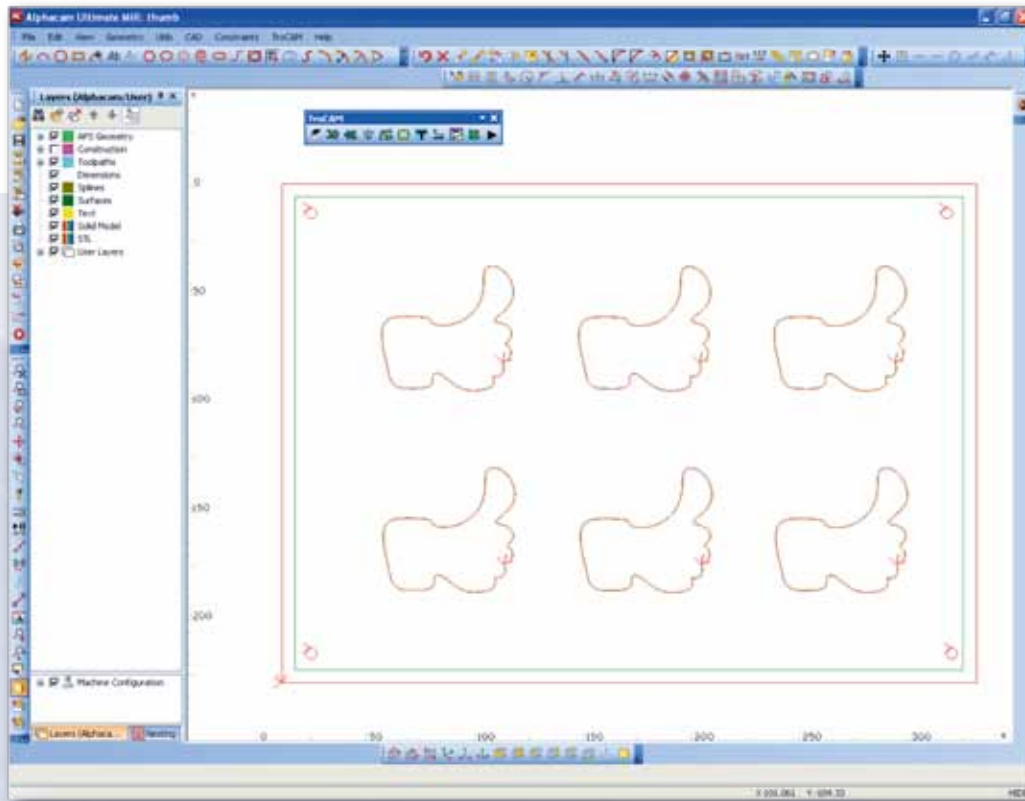
www.troteclaser.com

**setting
new
standards**



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

→ Highest precision for perfect cutting results



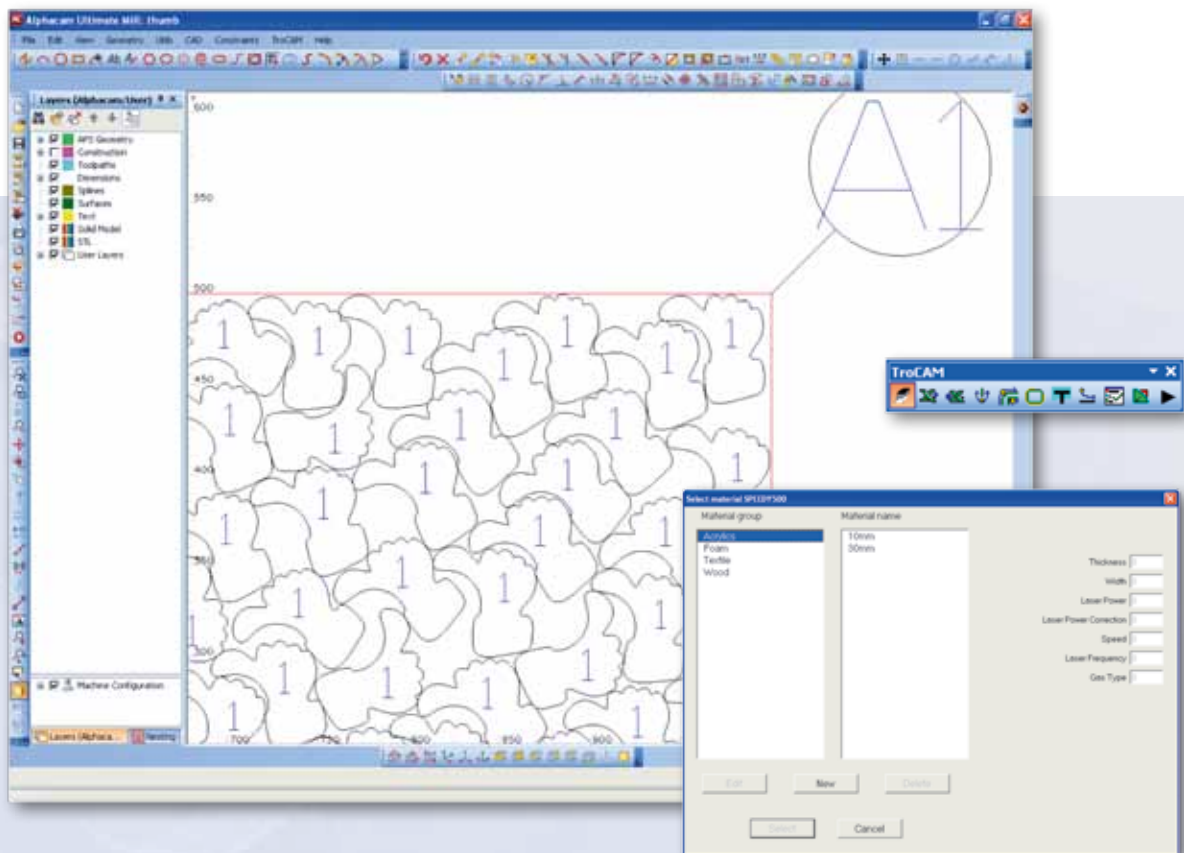
→ TroCAM is a fully loaded, integrated CAD/CAM software solution to operate your Trotec laser (SP1500, Speedy 500, Speedy 300). It has been developed to provide improved productivity, highest reliability and added flexibility.

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 has 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 Basic

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. True-shape and "On Screen" nesting (multiple geometries in a single file) is possible.

→ Nesting Plus (Option)

Additionally it is possible to use nesting and job lists. Select a unlimited number of different files to be nested on multiple sheets. A plate database provides an overview of already-processed plates.

→ Lead-In / Lead-Out

TroCam supports variable lead-in/lead-out 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 as well as Common Line cutting.

→ Import function

Compatible in every regard – TroCam possesses, as standard, a .dwg, .dxf and .iges interface with numerous import settings.

→ Functions

Feature category

Feature

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
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 Nesting Plus (Option)