



Laser Cutting Machines

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Laser Cutting Software

Fiber lasers have taken the market by storm. They promise faster, sharper, cleaner parts and less maintenance to boot. Operating costs are lower, and material yield higher. Optimize your process using SigmaNEST, the most advanced laser cutting software.

More Machine Types

Laser

Plasma

Oxyfuel

Waterjet

Router

Punch

Knife

Tube

Punch Combination

Multi Process

Press Brake



To get the results you were promised, machines can't simply be run "as-usual." Industry front-runners and machine manufacturers trust SigmaNEST to achieve optimal performance. SigmaNEST laser cutting software was created through years of targeted research and development with nesting and NC programming. We support all different types of lasers, from fiber and CO₂ to tube or combination machines.

Features

- » Automatically fillet corners to achieve faster part cut times and improve part handling safety
- » Use recessed tabs to speed up your process
- » Support for robotic removal systems

Ready to try SigmaNEST?

Get a Demo

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Get the latest SigmaNEST product features, events, info, & updates direct to your inbox every month!

First Name

Last Name

Enter Your Work Email

Company

Contact Number

United States

Select State

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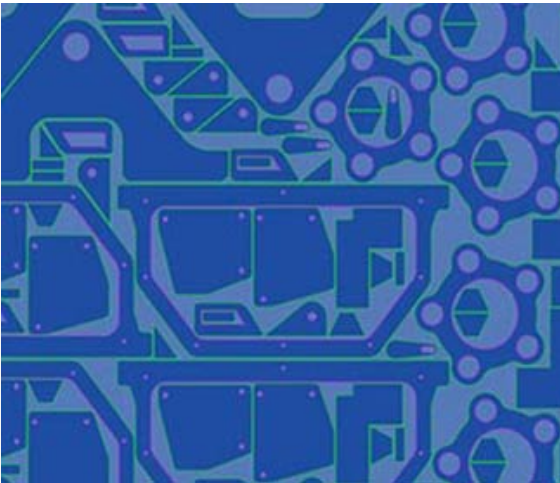
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Key Features for Laser Cutting



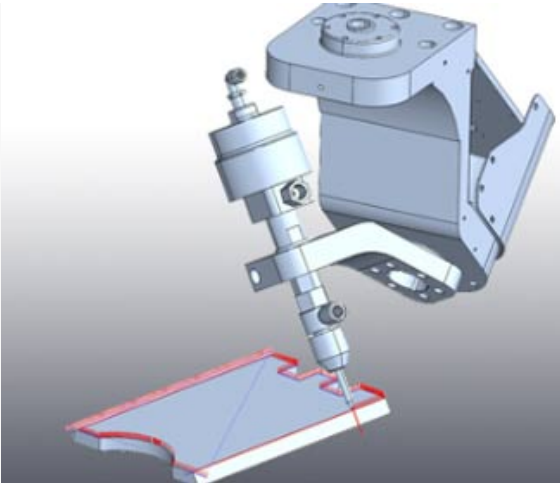
CAD Integration

- » Automatic processing of flat pattern data from 3D CAD systems like SOLIDWORKS, Autodesk Inventor, PTC Creo, Siemens NX as well as IGES, DXF, DWG
- » Supports more CAD file formats for import than any other nesting solution



Advanced Auto Nesting

- » Improved production speed and material usage through chain, bridge, and common-line cutting
- » Maximum yield nesting
- » Common-line nesting
- » Pattern matching
- » Nest on sheet remnants



NC Programming

- » Eliminate drilling and reaming
- » Accelerate fabrication and profitability by eliminating secondary processes
- » Produce cleaner parts
- » Reduced taper
- » Improved cylindricity



BHQ™ Module

SigmaNEST BHQ™ improves on market-leading hole quality cutting strategies by offering both bolt-quality precision and optimization of taper, roundness, and machine runtime. Automatic leadin lookup is based on hole size, material thickness, process type, and power.



Which package is right for me?

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Supported Machines

Adige	Advance Cutting Systems		Alpha Laser		AM	Amada	Balliu	Baykal	Boda	Bodor	Bystronic	
Cincinnati Inc	Coherent	CYLaser	Dener	Durma	Dynatorch		Eagle	Haco	HanKwang		IPG	Kern
La Rocca	Leiming	Lind	LVD	Mazak	Megafab	Microstep	Mitsubishi	Murata	NTC Laser		Nukon	
Prima	Salvagnini	Suresh Indu Laser(SIL)			Tanaka	Trumpf	Unity Prima					

Success Stories

“ We literally built our business around SigmaNEST.

Ron Duffy
Owner – Laser Cutting Services, Inc.

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