

MecSoft Corporation

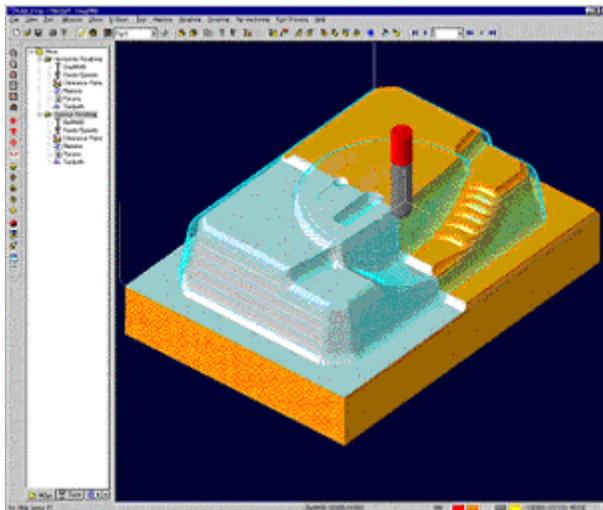
18019, Sky Park Circle, Suite K,L
Irvine, CA 92614, USA

PHONE: (949) 654-8163
E-MAIL: SALES@MECSOFT.COM
WEBSITE: WWW.MECSOFT.COM

Laser Design partners with Mecsoft for machining 3D Scan Data

MINNEAPOLIS, MN, September 4, 2002 " Laser Design announced an OEM distribution agreement with MecSoft (www.mecsoft.com) for its VisualMill toolpath programming software. The company believes that this new software will streamline its Reverse Engineering capabilities since users will now be able to go directly from 3D STL scan data to toolpaths without needing to generate a surface model. VisualMill, a Windows-based 3-axis solid/surface/STL manufacturing system offers fast gouge-free solids/surface/STL model machining technology.

According to Marty Schuster, Laser Design's CEO, "For the mold maker or toolmaker who wants to scan an object and cut that shape into a mold, this software offers the fastest possible method. It creates a full turnkey manufacturing solution without the extra expense of generating a surface model from our scan data." In addition to its speed and ease of use, VisualMill contains a 3D material verification/simulation function that enables visualization of the as-cut and in-process machining operations. This enables programmers to identify and correct issues prior to machining. Also included is a toolpath optimizer that shrinks and smoothes the toolpath by resolving short, choppy line segments into smooth running fitted arcs segments.



VisualMill is loaded with features that allow for efficient toolpath generation and verification. Some of these features include:

- Rough Milling and Finish Milling
- Refinishing
- Curve-based Finishing
- 2 1/2-Axis Milling Programming
- 3-Axis Milling Programming
- 4th Axis Milling Methods
- Tool Type Selection
- Feeds and Speeds Controls
- Cut Material Simulation
- Graphical Toolpath Editor
- Post-processors

Since 1987, Laser Design Inc. has been the leading supplier of ultra-precise, 3-D laser scanning systems and services used for capturing the 3-D shape of objects with complex geometries and free-form surfaces. Laser Design's Surveyor line of automated and portable scanning systems are ideal for 3-D applications such as computer-aided verification, discrete dimensional measurements, reverse engineering, rapid prototyping, and manufacturing from scan data. The company's patented laser line-probe technology dramatically reduces scanning time by collecting data substantially faster and more accurately than conventional metrology technologies. The 16-year-old company

also operates an in-house Service Bureau offering complete 3D scanning, modeling and inspection services. For further information, contact Marty Schuster, by phone (952-884-9648, ext. 202), fax (952-884-9653), via email to sales@laserdesign.com or visit Laser Design's web site at <http://www.laserdesign.com>.