

i Company Information

Founded: 1991
 Turnover: £500,000 (\$800,000)
 Staff: 13
 Business: Profiling/cutting Jobshop
 Machines: LaserLab Contour
 Amada LC1212 Alpha
 Web: www.laserprecision.co.uk

Purchase Benefits

- ✓ Have replaced two different systems with a single program, compatible with all machines
- ✓ Can now work on several programs simultaneously
- ✓ As many jobs are complex, design time has been drastically reduced, from 1-2 days down to 1-2 hours
- ✓ Time to create nests massively reduced, from 2-3 hours to minutes
- ✓ User can decide how to program the job, rather than being forced by the software to run the part a particular way
- ✓ SEKT® reduces programmer input by storing standard material and machine information, automating many processes
- ✓ Laser-specific software, rather than 'jack of all trades'.

User Comments

"I used to use one program for one machine, then 'DXF' it over to the other package. Materials would be a completely different setup as well. All I do now is just switch machines in JETCAM. Jobs that used to take me two or three hours to nest now take just minutes."

Darren Leeper
 Programmer

"A lot of CAD/CAM companies seem to take a plasma-specific program and tweak it for lasers. We bought JETCAM because it is specifically designed for Laser machines."

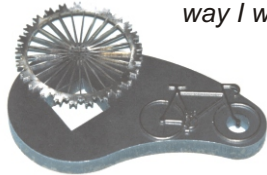
Keith Hilliard
 Managing Director

Requirements

Laser Precision, based in Manchester have a reputation for delivering what other companies cannot, specialising in cutting all materials, from cardboard to armour plate. They were finding that although they had the personnel technically capable to design and manufacture their customer's requirements, their CAD/CAM systems were letting them down. Two separate systems were in place, both offering limited functionality. One of the systems, which was manual, was also hampered by the fact that it could only run on a 22MHz machine. They decided to replace the systems with a single programming system which could take full advantage of both machines without restricting them in the future - after extensive evaluation of the market they chose JETCAM.

The JETCAM Solution

JETCAM supplied a single seat of Expert Premium, which allowed Laser Precision the ability to instantly generate programs for both machines and perform dissimilar part nesting. JETCAM 3D Expert was also installed, to allow modeling and unfolding of parts, which were then passed back to Laser Expert to generate CNC programs. Immediately, jobs which would have taken days to program were taking hours. Darren Leeper, Programmer said *"I like the system because I can tailor jobs to run the way I want, rather than it forcing me down one route. The JETCAM technicians have been very helpful in working with us to achieve our aim."*



On JETCAM's built in automation Keith Hilliard, Managing Director, said *"One customer sent us a map of the world to produce. The DXF file was extremely dirty, but JETCAM took out many of the problems that the file had, which previously would have been impossible to consider. Many of our jobs are physical drawings and are very intricate."*

JETCAM's SEKT® plays a major role in automating many functions. By storing all of their machine and material configuration, the operator does not need to go through laborious routines when performing common tasks. *"SEKT takes out all of the time required by having all of our settings built into the system."* But the user interface itself also assists in adding to the speed of operation. *"The interface works - if it works, don't knock it. I was impressed with the navigation through the screens, especially in comparison with other systems."*



Laser Precision work with a wide range of materials, including plastics



Whatever the job, JETCAM substantially reduces design and manufacturing time

Support for the future was a major consideration. *"We bought JETCAM because of their background of supporting other machines. From what we've already seen most machines are already supported, but when required, posts can be written very quickly and at a reasonable cost."*

Keith added *"We tend to get the jobs that others don't want, simply because we can deliver. The whole point of bringing JETCAM in was to speed up our design and manufacturing processes. Now we are producing nests which hugely reduce the time that the machine is left standing idle. For what we want to do, JETCAM Laser Expert is ideal."*