

User: Rodeike GmbH

CASE STUDY 
Expert Premium

Company Information

Founded: 1969 - a family business
Turnover: DM2.5m (\$1,330,000)
Staff: 15
Business: Job shop for sub-contract work
Machines: Trumpf 235
Trumpf L3003
Trumpf 600L

Purchase Benefits

- ✓ The JETCAM system requires no previous CAD, or even computer experience
- ✓ When tested, JETCAM was the only system that was able to do prototyping extremely fast - a necessity for their smaller customers
- ✓ Jobs can quickly be re-worked when required to use any of the available technologies
- ✓ All elements of the JETCAM system are much more user-friendly and easier to learn than the previous CAD/CAM system
- ✓ Changes to a single component are automatically transferred to any nest that contain that particular part. This delivered major benefits over their previous system
- ✓ As a small business working long hours, they make use of out of hours support and the Internet to obtain the latest releases

User Comments

"The CAD/CAM is so simple. Without any knowledge you can learn to program the machine in a short time."

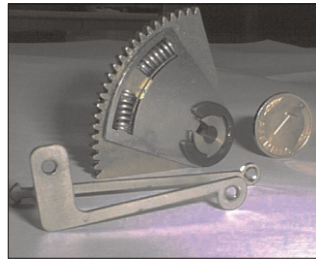
Alf Rodeike

"I especially like the auto-tool placement feature and the CAD drawing input functionality that easily corrects and cleans any user CAD files. Automatic conversion from splines to radii also is a major benefit, ensuring that any letters or designed sheet metal parts are produced with the highest quality finish."

Wilfried Goch
Programmer

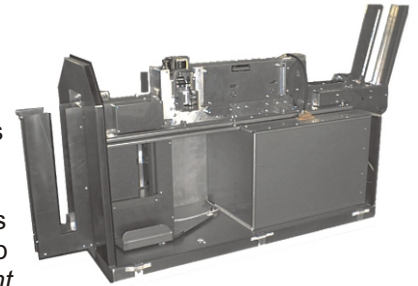
Requirements

Rodeike GmbH, a family run business based in Voerde, Germany identified that their existing programming system was too slow in generating parts from either DXF files or customer sketches. As many of their jobs are small runs or prototypes, the ability to make modifications was critical, but with their previous system very time consuming. Alf Rodeike summed up their critical issues: "Customers ask for this component



Some of the small parts that Rodeike produce...

on the first day, on the second another and on the third something completely different."



...and one of the larger types...

In addition to this, as Rodeike uses Punch, Laser and Combination technology, they wanted to ensure that they had total flexibility to run a job on any machine, should the workload on one machine dictate it, or if a problem arises. After testing JETCAM Expert 4 against an upgrade of their existing system, they chose JETCAM.

The JETCAM Solution

JETCAM supplied a two licenses of Expert Premium - one with basic MRP and one also with freeform nesting. This allowed for additional flexibility to program other components simultaneously when necessary.

The speed of getting information into JETCAM in comparison to the old system was immediately noticeable. "JETCAM is so simple. Even without having any knowledge of CAM you can learn to program the machine in a short time", said Alf Rodeike. "Cleaning of DXF files also saves time, with even the 'dirtiest' file taking only a few minutes to make it useable."



Jobs can be transferred quickly regardless of the technology being used

The major cost benefit has been seen through the flexibility that the shop floor now yields. Regardless of the technology required, a job can be reworked very quickly to run on another machine - useful during busy periods or in the event of a breakdown. Any changes made to a part are automatically updated to every nest without any input from the operator. "If anything happens to a machine, in our market it is especially important to be as flexible as possible. If a tool breaks we can either allow JETCAM to specify another tool, use a different technology available (i.e. Laser) or run the job on another machine. This decision is now taken by the programmer and new NC code is delivered in only a few minutes."

Like many small business, Rodeike need to remain competitive by taking advantage of the latest technologies, and being able to get assistance on these technologies when required. With JETCAM's maintenance contract, they can download the very latest software free from the website, and know that should an extra helping hand be required, support is only ever a phone call away, no matter which day of the week it is.

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