

User: **Benas**

CASE STUDY 
JETCAM Expert 1

Company Information

Founded: 1950
Turnover: 6m Danish Kroner
Staff: 11
Business: CNC metal fabricators
Machines: 1 x Nisshinbo MTP1250

Purchase Benefits

- ✓ Local supplier who gives support in Danish language
- ✓ Programming time drastically reduced - programs normally taking 2 hours to program now take 20 minutes
- ✓ Extremely short learning curve, with their experience engineer programming efficiently within four hours of training
- ✓ Drawings are now performed on screen as opposed to by hand
- ✓ 20% decrease in errors by programmer as many previous mistakes cannot be made with the new system
- ✓ Machine no longer stands idle waiting for the programmer to finish writing programs
- ✓ Excellent technical support, with all questions resolved same day
- ✓ At least 10% better sheet utilisation
- ✓ Improved multinesting capability
- ✓ Future-proof system, allowing Benas to purchase any other brand and type of fabrication machine without requiring to change or purchase a new CAM package

User Comments

"With JETCAM everything is more helpful. I am now far ahead of the machine with programming - maybe 10 programs ahead of the job currently running. The local support is important to us - we don't have to call Germany or Sweden to get help if we need it."

Jens Ravn
Programmer

Requirements

Benas, based in Denmark is a small fabrication shop offering general job-shop facilities. The previous CAM system supplied with their Nisshinbo machine was difficult to use, and although functional was very slow. Programming was done manually in ISO making it a lengthy process open to the possibility of errors. All drawings were also done manually, taking longer still. After researching the marketplace they decided to purchase JETCAM from Camtek Aps, a local supplier in Denmark.



The JETCAM Solution

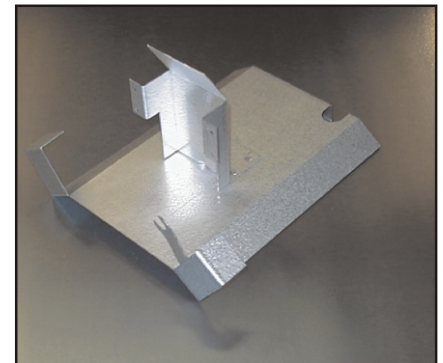
Camtek supplied a single seat of Expert 1 together with 3D Expert (allowing modeling and unfolding). The main advantage immediately noticed was that of speed. Said Jens Ravn, Programmer, *"Programs that used to take me 2 hours I now do in 20 minutes. I have a lot of experience with Autocad, so it took me just 4 hours to learn JETCAM - for someone new to CAM it would not take long either. Before the machine used to have to wait for me to finish programming the next job - now I am 10 programs in front!"*

In addition to time saved on programming Benas also made savings on material by nesting more efficiently. *"Our sheet utilisation improved by at least 10% because of multi-part nesting. And as many functions are automatic there is much less chance of making an error."* Errors have been cut by approximately 20% which in turn decreases overall production time and increasing company profit.

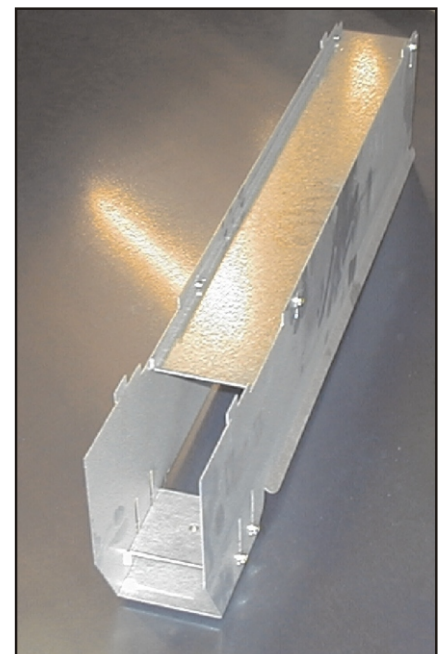
Presentation of jobs both to customers and the shop floor has also seen an improvement. The previous method consisted of all drawings being made by hand - now parts are quickly designed on screen and can be imported directly within JETCAM 3D Expert as either a flat component or a complete 3D rendered part.

As with any new product there are always initial questions that need answering. One of the deciding factors to purchase JETCAM was the fact that they could obtain support through their local reseller in their own language. *"All of my questions were answered straight away - day or night. The local support is important to us."*

To cope with their increasing customer demands, and to allow them to offer a wider service capability Benas has considered the purchase of a laser machine - their initial purchase of JETCAM was further justified because it would not require them to replace it or run another CAM system in parallel to drive the new machine, as almost all lasers are supported by JETCAM.



Parts that previously took 2 hours to program now take just 20 minutes



Complex components can be quickly created in 2D on screen, then imported into JETCAM 3D Expert for rendering in 3D.

www.jetcam.com

JETCAM
manufacturing made easy