

# User: *Borre Metalvarefabrik A/S*

## Company Information

Founded: 1967  
 Turnover: 30m Danish Kroner  
 Staff: 45  
 Business: CNC metal fabricators  
 Machines: 1 x Finn Power TP3025 with RAS  
 1 x Bystronic 3015 3kw  
 1 x Raskin RT85

## Purchase Benefits

- ✓ JETCAM is widely supported (unlike their previous system which required internal support)
- ✓ Customers supply drawings via email which are directly imported - NC code can be generated in seconds
- ✓ Integrates well with Borre's existing Solidworks CAD system, allowing parts to be drawn in 3D, flattened and imported directly into JETCAM for immediate output to the machine
- ✓ Excellent local language support
- ✓ When the company recently purchased a new machine, there was no need to replace their CAM system or re-work their existing geometry files
- ✓ JETCAM interacts with the company's in-house tool management software, allowing the operator to specify the status of worn tools
- ✓ Borre obtain excellent performance from their Finn Power RAS due to the close development relationship that JETCAM has with manufacturers

## User Comments

*"If you are going to buy a machine like ours, then JETCAM is the best solution. It gets more out of the machine than other systems, and the support from Camtek has been perfect. JETCAM is the best system I have seen in a long time."*

Jesper Borre Hansen  
 Direktør, Akademiingeniør

## Requirements

**Borre Metalrefabrik of Denmark had been using a proprietary programming system for over 30 years which, although at the start was advanced was now a bottleneck in the production cycle.** It was a closed, non-graphical system that required in-house support and a high degree of technical skill to develop programs. It also did not support the Right Angle Shear feature of the new Finn Power machine recently purchased, therefore Borre decided to acquire a more standard system. They chose to use JETCAM Expert supplied with the machine tool by Camtek A.p.s.

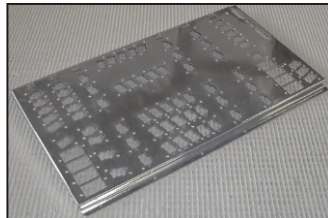
## The JETCAM Solution

Camtek A.p.s. has to date supplied four seats of JETCAM Expert Premium, allowing for all features including MRP and fully automatic free form dissimilar part nesting to be performed by various programmers. Several benefits were to be expected, such as a much improved user interface and the ability to import DXF files (either from customers or from their Solidworks CAD package), but other areas of improvement were also quickly identified.



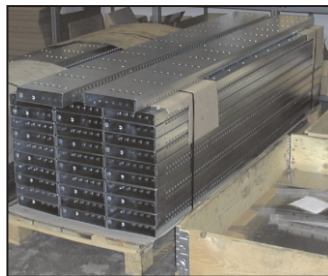
As JETCAM fully supports the advanced features of Borre's machines...

As the programming process is now much more automated, the margin for error has been greatly reduced. Said Jesper Borre Hansen, Direktør, Akademiingeniør, *"We don't make the same number of mistakes, as we now import the customers drawings directly from email. Also, JETCAM integrates well with Solidworks, so we design parts in 3D, flatten them and take the file directly into JETCAM."*



...and integrates well with their existing CAD and legacy systems...

When Borre decided to buy a new laser machine they did not also have to replace their CAM system. *"We just re-used our JETCAM system and upgraded it when we bought the Bystronic. This way we could use all of our existing geometry files without doing the work all over again."*



...the processes involved from design to manufacture have been greatly simplified.

The company's internal production control system is based on Borre's own proprietary design and is written and developed in-house. JETCAM interacts live with their tool management area so that information is mirrored in both systems. *"The operator that is using the tools can give their status so that the programmer does not use a worn part. If new tools are required the system generates a purchase order automatically."*

Camtek A.p.s. has supplied Borre with software maintenance updates and new licenses or post processors when required. *"The technical assistance is very good, and very close! Their support has been perfect."*

**Borre are satisfied that JETCAM meets their needs and will continue to do so in the future. "We investigated JETCAM very carefully before we purchased, and it did exactly what we expected of it. The close relationship that JETCAM shares with machine tool manufacturers is important - they can get more out of the machine than other systems are able to."**