

应用案例一丹麦 Cimbria 公司



Cimbria 公司简介

丹麦 Cimbria 公司是欧洲著名的农业装备制造企业，该公司每年的板材消耗量大约 120 万欧元（折合 1200 万人民币）。Cimbria 的钣金加工机床包括：

- 瑞士百超激光切割机 3015
- 瑞士百超激光切割机 4020
- 德国通快数控冲床 TC500
- 德国通快数控冲床 TC2000
- 梅塞尔火焰切割机



JETCAM 解决方案

Cimbria 公司于 2000 年用 JETCAM 软件取代了以前的机床原厂软件，当时选配的是 JETCAM 的普通自由排料模块（FFAN）。随着近几年的板材价格持续走高，Cimbria 公司近期购买了 JETCAM 顶级高性能排料模块（FFHPN）。



用户评价

以下是 Cimbria 公司负责编程的工程师 Per Vesterby 先生对 JETCAM 性能的评价：

“我两天之内就掌握了 JETCAM。我尤其喜欢 JETCAM 的生产转换功能——如果冲床实在忙不过来，我 1 到 2 分钟之内就可以将通快冲床程序转换为百超激光切割机的程序。”

“……JETCAM 的智能导入功能使产品加工时间在激光切割机上节省了 15-20%，即每台百超激光切割机每年可以增加 2-2.5 个月的产能！”

“JETCAM 最新的排料模块（顶级高性能排料模块 FFHPN）比 JETCAM 以前的普通自由排料模块（FFAN）材料利用率进一步平均提高了 5%，由于我们每年消耗的板材超过 120 万欧元，所以不到一个月的时间我们节省的板材就收回了 FFHPN 模块的投资……”

“碰撞式智能手动排料为在现有排料的基础上增加新的零件提供了很大的方便。”

Company Information
Founded: 1947
Staff: 500+ worldwide
Business: Precision machinery for the metal engineering industry
Machines: Bystronic 3015 Laser, Bystronic 4020 Laser, Trumpf TC500 Punch Press, Trumpf TC2000 Punch Press, Messer Greenline Chyfer

Requirements
Cimbria Manufacturing A/S, a part of the Cimbria Group based in Thisted, Denmark, had relied on a US-based CAM system to program their existing Trumpf punch, punch/laser combination and Messer Greenline machines. In addition to proving slow to learn and complex to use they could only get US-based support at inconvenient hours. Ongoing maintenance was also expensive and provided little or no return on investment. Cimbria enquired about a software update, but the cost to update to the latest version was unrealistic. They decided to buy another system instead, and chose JETCAM Expert, which was supplied through Camtek APS.

The JETCAM Solution
JETCAM Expert Premium with MRP interface was installed and was integrated seamlessly with Microsoft Navision CS (Concorde) XAL MRP system. This integration provides JETCAM Expert with an up-to-date list of jobs with parts to program and/or nest. A year later they purchased two Bystronic laser machines, for which postprocessors were purchased. Of the initial training Per Vesterby, Programmer, said: "I learnt JETCAM in 2 weeks. What I particularly liked was that it is very easy to move jobs between machines. If the Trumpf are overloaded I can generate code for the Bystronic in 1-2 minutes. For me JETCAM is clever. When making a drawing, JETCAM's CAD facilities allow me to do most amendments quickly within the software instead of having to use AutoCAD."

Purchase Benefits

- ✓ Programmer mastered the system in only 2 days
- ✓ Can quickly move jobs between various machines, regardless of technology
- ✓ Saving 5% on material due to new high performance (FFHPN) nesting module
- ✓ Nesting engine allows highly optimized nest to be generated overnight
- ✓ Nests can be produced on due date basis
- ✓ Built in CAD features remove the need to modify parts in AutoCAD or other software
- ✓ Integrated seamlessly into existing MRP systems
- ✓ Bump-nesting allows parts to be dragged and dropped onto nests quickly and with precision
- ✓ Saving almost 2 1/2 months per year in machine cycle time due to intelligent lead-in positioning
- ✓ Local support much better than previous supplier
- ✓ New updates provided via internet continually delivering advanced features and associated savings

User Comments
"For me, JETCAM is clever. The new nester saves me at least 1 hour a day as I can queue all jobs to be nested overnight."

Per Vesterby
Programmer

www.jetcam.com

JETCAM
manufacturing made easy