

应用案例—英国 Lund Bros 公司

Lund Bros 公司简介

Lund Bros 公司成立于 1898 年，是英国历史最悠久的钣金制造商之一。该公司自 1998 年起一直使用 JETCAM 软件，并且对其性能非常满意。

Lund Bros 目前运行的机床包括

- 日本村田转塔冲床 C3000
- 日本天田转塔冲床 EM2510

JETCAM 解决方案

尽管对 JETCAM 各方面性能非常满意，但是 2001 年当 Lund Bros 公司实施 ERP 工程时，该 ERP 软件的供应商以非常低的价格向 Lund Bros 推荐了另外一套编程软件—该软件的价格如此之低，几乎与 JETCAM 软件的年度维护费用相同。

然而，虽然价格便宜，但是其各方面性能远远不能让 Lund Bros 满意，所有的编程工作亦然在 JETCAM 上完成。2006 年，Lund Bros 公司又增加了一台日本天田 EM2510 转塔冲床，并且决定完全由 JETCAM 对其进行编程。

用户评价

以下是 Lund Bros 公司经理 Nigel Standen 先生对 JETCAM 性能的评价：

“JETCAM 在零件自动配模方面功能非常强大，零件本身的尺寸和模具修改自动保存到排料中。”

“.....JETCAM 软件的自动编程功能非常好。采用 JETCAM 软件支持天田转塔冲床，我们节省了一大笔原厂软件的费用。”

“我们计划由 JETCAM 驱动将于近期购买的激光切割机。”

“我们 6 个月之内收回了在第一套软件上的投资，我们增购的第二套软件将带给我们更多的回报。”



Case Study: Lund Bros & Co Ltd

Machines:
1 - Amada EM2510 punch press with load/unload
1 - Wiedemann Centrum 3000 punch press

Software installed:
2 x Expert Premium with MRP; Free-form nesting on a floating server license

At a glance:

- Chose to standardise on JETCAM over an already installed competing system and software bundled with the machine.
- Driving all advanced features of the Amada EM2510 CNC punch press.
- Tooling stored on the geometry, not the nest, so changes are reflected across all nests instantly.
- Ability to run totally automatically, yet with the capability to make changes at every level.
- Complex free-form nests can be quickly generated, with the ability to drag and drop more parts onto the nest manually using bump nesting.
- Operator trained in half a day.
- Initial license paid for itself within 6 months.
- Excellent support from UK distributor.
- Utilising floating license across two locations.
- Maintenance allows instant download of software updates.

While essentially happy with the system they were tempted to try a competing system in 2001 offered by their MRP provider. Said Nigel Standen, Director, "We were offered the other system at a very low price - the same as the annual maintenance for JETCAM. We took it, letting the maintenance contract slip on JETCAM. The operator was trained, yet he still kept coming back with issues and limitations, such as the limited tool library and inaccurate tool selection during auto-tooling. The product itself turned out to be very basic, with a price quoted to upgrade every time we needed a specific feature. It was simply less fluid than JETCAM."

After the trained operator left CNC Programmer Alan Newell took over the programming for the CNC punches in 2004. He said, "I had also been trained on the other CAM system, but I was taught how to use JETCAM by Nigel in half a day. After this the other product just stayed in the drawer as JETCAM is just much easier to use, even though at the time the version we were using was several years older than the other system. JETCAM is more accurate in the selection of tools that it offers you to tool a part, and tooling is applied to the geometry, not the nest. This means that if we make a change to a part of the nests that use that part automatically reflect any changes."

In 2006 Lund decided to purchase an Amada EM2510 punch press with load/unloader. Added Nigel, "I asked Alan to make a choice first on the two systems in-house. Once that decision was made I could decide whether to use one of those to drive all machines, or to run them in tandem."

After the acquisition of another business and the subsequent relocation of staff, Lund purchased a second license and a floating server license in 2007, allowing staff across the network to use the software.

With plans to purchase a CNC laser machine in the future Lund Bros see JETCAM Expert as an integral part of their manufacturing process. Nigel concluded, "The first license paid for itself within the first six months of use and we are seeing even more benefits with the second license and the new automation through nesting. JETCAM is by far the easiest software that we've looked at. You can program from 0% to 100% by hand or automation - it's up to you, not the system."

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