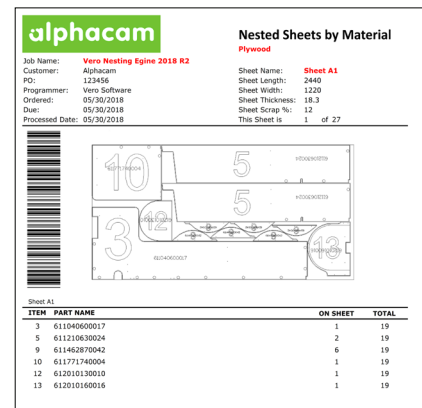# alphacam

NESTING EFFICIENCY

vero
Software

ALPHACAM : The only nesting tool you will ever need

Whether you are looking to improve on an existing solution, or you are investing in software for the first time, you can count on us to provide you with the best tools and practices you'll need to save time, money and leave your competition in the dust!

PART OF HEXAGON

From intelligent handling of small parts, to Assisted Nesting which helps you grain-match your parts, Alphacam's functionality is second to none.

Productive:
We have tools and a workflow which allow you to deliver complex nesting tasks and environments with minimal clicking.

Optimized:
Our new nesting engine provides best-in-class yields. Users are already reporting gains of up to 20% when compared to other solutions and older systems!

Efficient:
Beyond the actual yield, we provide you with all the flexibility you will need to drive your machine tool to its highest levels of efficiency. Intelligent drilling, tool ordering, operation order by type, and more. We listen to the needs of the users and relentlessly pursue the creation of innovative tools to help you get the best results from your existing equipment.

Custom Reporting:
All Nesting Jobs can create custom reports to provide you with total control and traceability of the parts. From simple labelling to a full job summary report, our Reporting Engine is the perfect companion to your nesting needs.

Intelligence:
The technologies we provide you to handle difficult and small parts are also industry-leading. Never worry about a small part flying off your machine again.

Some examples include:

Small Part Area:
Arrange the nest in such a way that small parts are never on the edge of the sheet, where the tendency to move is greatest.

Bridge-Part Nesting:
Penetrate the material once, leave the tool down. This technique translates into significant savings in time. By maintaining the tool engaged in the material, you reduce non-cutting time.

Onion-Skinning:
Time-tested, this technique automatically creates a secondary pass to reduce lateral cutting forces on small parts.

LET US SAVE
YOU MONEY

Exceptional Results from Alphacam's New Nesting Engine

SELECT YOUR PARTS

Confirm the parameters for your nest. Choose which machine to target. Define materials

REPORTS AND LABELS

Generate reliable and efficient code for your machine

Choose from multiple sources: DXF, DWG, Solids, including Alphacam Parametric and Intelligent Parts

Create reports to suit your needs. Labels, job summaries, machine tool setups, and more

CHOOSE YOUR SETTINGS

DRIVE YOUR CNC

Recent tests showed the new nesting engine unveiled in Alphacam 2018 R2 delivered significant improvements in material yield. Using proprietary technology to deliver "best-in-class" geometry and toolpath optimisation, the Vero nesting engine also provides faster calculation times, along with improved feedback and graphics.

In addition to the greater yields, there are also several improvements to help you manage your materials in a more efficient way. Some key benefits include:

- Reuse off cuts and leftover materials

- Nest by Assembly, which allows you to group parts by Kit or Identification number. This is ideal for Lean Manufacturing environments.

- Nest using the best possible sheet size. Analyse all multiple possible sheet sizes and use the combination of sizes which provides the best yield

Software Maintenance Plan

The financial cost of unplanned downtime can be expensive and lead to additional costs to your business. We understand it's essential to maximise productivity, which is why our support plans are specifically designed with your success in mind.

Support Portal
A highly efficient tool for contacting our experienced and knowledgeable Technical Support Team.

Online & Telephone Support
Enables our Technical Support Team to view detailed information relating to your queries, for a rapid and accurate response.

Software Updates
Receive annual software updates giving you the latest functionality and ensuring maximum productivity and efficiency.

ALPHACAM
Software for improved efficiency

Alphacam is a world leader in CAD CAM software with a proven track record of reliable product delivery. Alphacam provides solutions for the woodworking industries with unparalleled ease of use, process automation, and sophisticated toolpath generation.

- Industry focussed automation
- 2D / 3D Routing
- Multi-Axis Machining
- Intelligent Nesting
- 3D Engraving
- 3D Relief Modelling
- Proven Post Processors
- Support & Maintenance Plan

> "We are constantly developing our range of products, and Alphacam gives us the ability to control our own designs and manufacture them in-house for prototyping and testing.
>
> Wesley Henderson, Manager
> James Leckey Design

VERO SOFTWARE
We speak your language

Vero Software is a world leader in CAD/CAM software with a proven track record of reliable product delivery. Vero develops and distributes software for aiding the design and manufacturing processes, providing solutions for the tooling, production engineering, sheet metal, metal fabrication, stone and woodworking industries. Despite the diversity of application, these solutions have one thing in common: they all address the rising challenges of achieving manufacturing efficiencies and bring huge value to the operations where they are deployed.

The company has direct offices in the UK, Germany, Italy, France, Japan, USA, Netherlands, China, Korea, Spain and India supplying products to more than 45 countries through its wholly owned subsidiaries and global reseller network.

Part of Hexagon

Vero Software is part of Hexagon, a leading global provider of design, measurement and visualisation technologies that enable customers to design, measure and position objects, and process and present data.

For more information, please do not hesitate to get in touch

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