



Vetigraph:

CAD Design and Nesting

Represented by



Streamline your processes and unlock your potential with our CAD Design and Nesting software.

With over 30 years of experience supporting the development and implementation of CAD, PLM, and digital manufacturing solutions, Velocity Plotters delivers advanced technologies designed to optimize design, production, and workflow management.

Our solutions help companies increase efficiency, reduce material waste, and improve overall productivity through integrated CAD software, plotters, cutting, and digitalization solutions across industries working with soft materials, including apparel, upholstery, automotive, marine, and technical textiles..





V-SHOOT: Camera Digitizing System

Want to make your patterns and templates digital? Our simple yet powerful V-Shoot digitizing system is a business-transforming solution that captures physical patterns through high-precision imaging and converts them into accurate digital files.

V-Shoot enhances your design productivity and streamlines your workflow, allowing you to quickly digitize hard copy patterns and prepare them for editing, grading, and marker making with ease.



VETIGRAPH CAD Design

Vetigraph CAD Design offers straightforward automated tools, measuring functions and dialogue boxes to speed up product development and make perfect templates.

Each stage is planned to follow on naturally from its predecessor to create an end-to-end workflow and optimise the quality of your products.



VETIGRAPH Automarker Quick and Expert - Efficient Nesting and Costings System

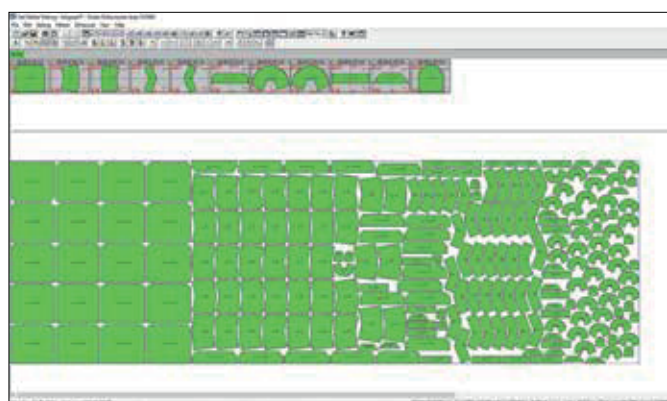
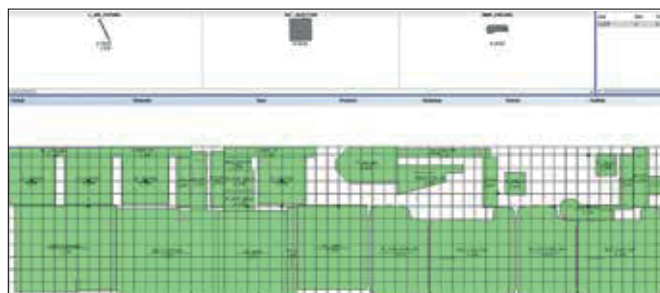
Our automated nesting software will optimize your material utilization, ensuring your costings are accurate and efficient. AI is used to calculate the highest yield of fabric on the marker. By nesting your material efficiently, you will reduce wastage, minimise costs and enhance your bottom line.

With **Marker Optimum® Quick**, the user sets the required material width and buffer



spacing between pieces, adding specific reference lines to indicate splicing and a grid for checks and stripes. Pieces can be automatically flipped and rotated either individually or as a group and displayed according to part numbers.

Marker Optimum® Expert is specifically associated with automation of cutting using a CNC auto-cutter. This module uses a timer, continually achieving the highest percentage of material usage, instantly displaying the result as a virtual representation of the material.



Pattern Matching

Vetigraph's pattern matching functions combine accuracy and efficiency by capturing a high-resolution image of the material, compensates for any distortions in the print and recognises the repeat before sending the pattern to be nested.

The final product is seamlessly aligned and symmetrically cut, thus maintaining the visual harmony of the fabric's design.

Leather cutting

A camera enables the easy capture of the hides and defect detection to determine the quality zones. This paves the way for the automatic nesting of the patterns to achieve the highest yield from the hide, with a cut-file ready for the CNC cutter.

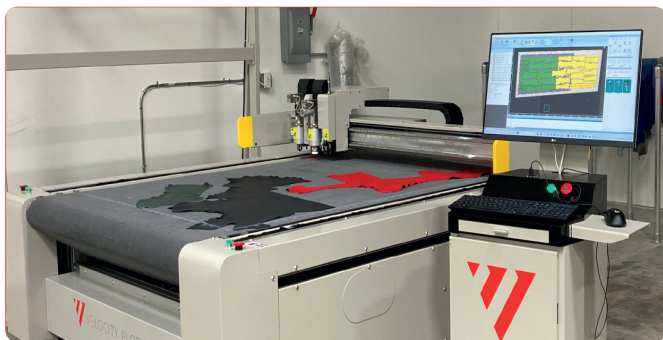




VELOCITY PROCUT-X

Single Ply Cutter

Achieve superior precision and consistency in your cutting process, reduce production time, and significantly optimize material utilization with ProCut X.



Training and Support

Our solutions are designed to be intuitive, reliable, and built for long-term performance with minimal maintenance. We provide comprehensive training to ensure you and your team can quickly get the most out of our systems.

Our dedicated support team is always ready to assist you. Through secure remote access, we deliver fast and effective technical support, minimizing downtime and keeping your operations running smoothly.

You will receive continuous, high-quality support and guidance, ensuring optimal performance and maximum productivity.

File compatibility

Velocity Plotters solutions support a wide range of industry-standard file formats, ensuring seamless integration within your production workflow. Compatible formats include PLT, HPGL, HPGL2, DXF, DWG, allowing efficient and accurate data processing from design to output.



Get in touch

Ready to get started? If you would like to discuss your production, digitizing, or cutting needs, please contact us at **Velocity Plotters**.

info@velocityplotters.com
(+1) 833 - 275 - 6888
www.velocityplotters.com

