

TOP Laser Cutter for Dye Sublimation & DTF Printing Showcased at FESPA



Shanghai, China Oct 21, 2025 ([Issuewire.com](https://www.issuewire.com)) - The FESPA Global Print Expo, a highly anticipated event on the international calendar for the print, signage, and visual communications industries, recently served as the stage for a significant technological debut. Amidst a bustling showcase of cutting-edge machinery and innovative solutions, a new contender emerged to redefine material processing: a state-of-the-art laser system from Mimowork, a Shanghai and Dongguan-based laser manufacturer with two decades of operational expertise. This new system, designed to deliver high-precision, efficient cutting on textiles and other materials, signals a major leap forward for small and medium-sized enterprises (SMEs) seeking to enhance their capabilities and expand their service offerings, particularly in the booming fields of sportswear and outdoor advertising.

The Evolution of FESPA: A Hub for Converging Technologies

To understand the full impact of Mimowork's new product launch, it's essential to grasp the scale and significance of the FESPA Global Print Expo. FESPA, which stands for the Federation of European Screen Printers Associations, has grown from its roots as a regional trade body into a global powerhouse for the specialty print and visual communications sectors. The annual Global Print Expo is its flagship event, a must-attend for industry professionals looking to stay ahead of the curve. This year, the focus was squarely on a few key themes: sustainability, automation, and the convergence of traditional printing with new technologies.

The lines between traditional printing and other material processing methods, such as laser cutting and engraving, are blurring. Print service providers are increasingly looking for ways to add value beyond two-dimensional printing. They want to offer customized, three-dimensional products, intricate signage, and engraved promotional items. This is where Mimowork's new laser cutter makes its mark, fitting perfectly into this trend by providing a robust, versatile tool that complements existing print operations. Its presence at FESPA highlights that specialized material processing is now an integral part of the modern print and visual communications landscape, not a separate, niche industry.

Pioneering Solutions for Dye Sublimation and DTF Printing

The Mimowork system on display at FESPA is a prime example of this convergence, specifically tailored

to meet the demands of two key market sectors: dye sublimation and DTF (Direct to Film) printing. Dye sublimation, a popular method for creating vibrant, all-over prints on fabrics like those used in sportswear and fashion, requires a precise post-processing step. The laser cutter excels at this, performing critical functions such as clean-edge cutting and sealing to prevent fabric fraying. The precision of the laser ensures that the cut matches the printed outline perfectly, even with complex or intricate designs, a task that would be difficult and time-consuming with manual methods.

For outdoor advertising flags and banners produced with DTF printing, the Mimowork laser cutter provides a solution to challenges related to large format, weather-resistant materials, and the need for rapid production. The system is capable of working with large-format materials, a necessity for banners and flags. Beyond simply cutting, it can be combined with laser engraving to perform a range of edge treatments, such as creating clean, sealed edges to enhance durability against the elements, punching holes for mounting, or adding decorative details to elevate the final product.

The Power of Automation: Mimo Contour Recognition and Automatic Feeding

What truly sets this system apart and aligns it with the modern trend of automation is the integration of the Mimowork Contour Recognition System and the Automatic Feeding System. These two features embody visual recognition and automated workflow, dramatically improving efficiency and reducing labor costs.

The Mimo Contour Recognition System, equipped with an HD camera, is an intelligent option for laser cutting fabrics with printed patterns. It works by detecting the cutting contours based on the graphic outlines or color contrast on the material. This eliminates the need for manual cutting files, as the system automatically generates the cutting outline, a process that can take as little as 3 seconds, significantly improving production efficiency. It is a fully automatic process that corrects for fabric deformation, deviation, and rotation, ensuring a highly precise cut every time.

Paired with this is the Automatic Feeding System, a continuous feeding solution for materials in a roll. This system works in tandem with a conveyor table, continuously transmitting the roll of fabric to the cutting area at a set speed. This eliminates the need for constant human intervention, allowing a single operator to supervise the machine while it works, increasing productivity and reducing labor costs. The system is also adaptable to a wide range of materials and is equipped with automatic deviation correction to ensure accurate feeding.

Mimowork's Core Competencies: A Legacy of Quality and Customization

Mimowork is not a newcomer to the laser manufacturing scene. With over two decades of deep operational expertise, the company has established a strong reputation for producing reliable laser systems and providing comprehensive processing solutions. The company's core business philosophy is centered on empowering SMEs by giving them access to high-quality, dependable technology that helps them compete with larger enterprises.

One of Mimowork's most significant competitive advantages is its unwavering commitment to quality control. They meticulously control every part of the production chain, ensuring that every laser system they produce—whether it's a laser cutter, marker, welder, or engraver—delivers consistently excellent performance. This level of vertical integration gives their customers confidence in the longevity and reliability of their investment.

Beyond their product quality, Mimowork's primary core competency lies in their ability to provide high-

quality equipment and tailored services. The company operates more like a strategic partner than a simple equipment vendor. They go to great lengths to understand each client's unique manufacturing process, technology context, and industry background, offering bespoke solutions that are perfectly suited to the client's needs.

The new laser cutter's debut at FESPA is more than just a product launch; it's a testament to Mimowork's legacy of engineering excellence and customer-focused innovation. By showcasing a device that directly addresses the evolving needs of the print and visual communications industries, Mimowork solidifies its position as a leading solutions provider for businesses seeking to enhance their capabilities. Whether you're an SME looking to upgrade your workshop or a large firm aiming for greater precision, Mimowork's blend of deep expertise, stringent quality control, and commitment to customized solutions provides a clear path to success.

To learn more about Mimowork's comprehensive range of laser systems and processing solutions, visit their official website at <https://www.mimowork.com/>.

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