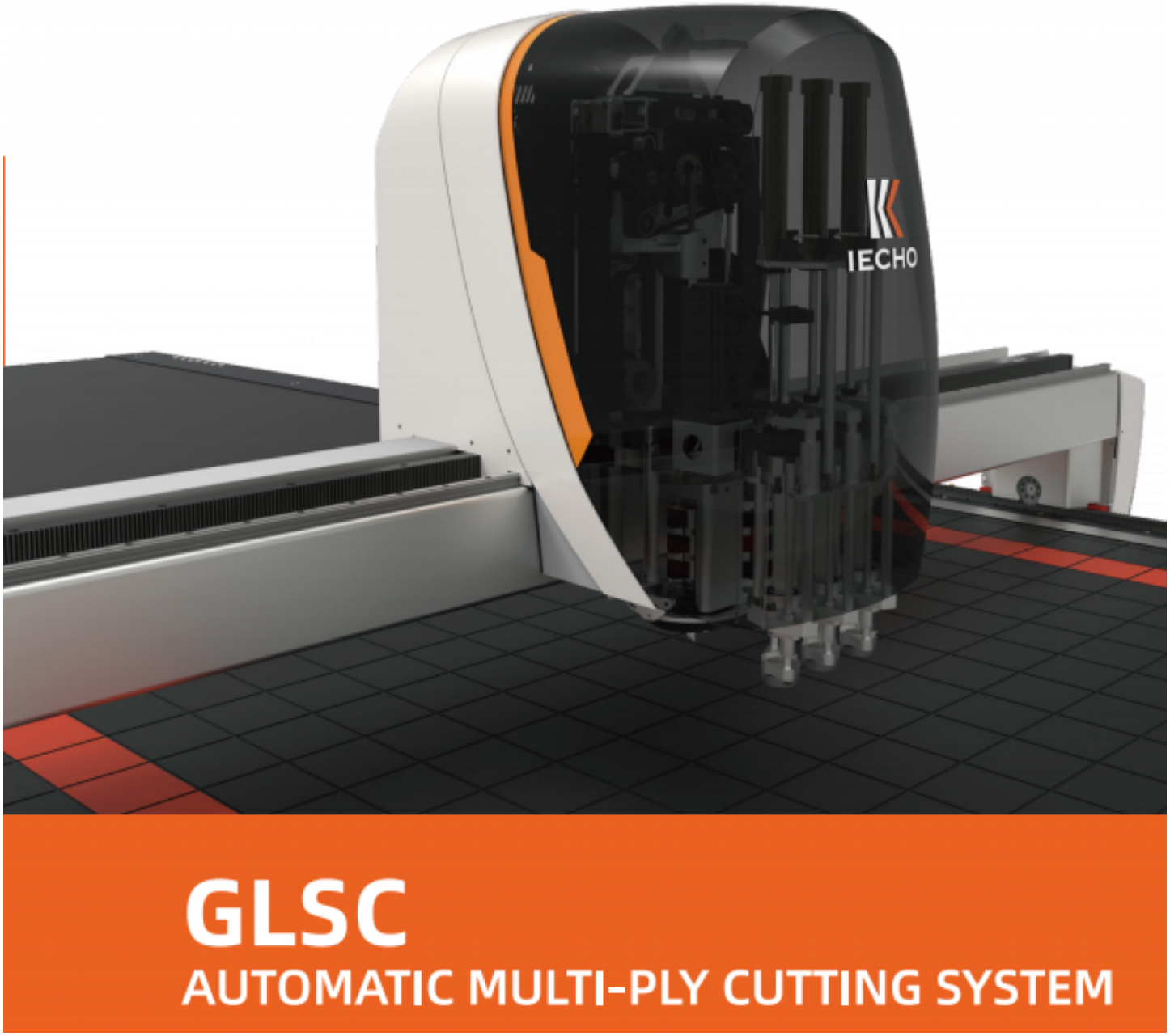
Visit IECHO at SaigonTex: Showcasing Next-Gen Automatic High-Performance Fabric Cutters



Hangzhou, Zhejiang May 6, 2026 (Issuewire.com) - ***"The precision on these curves is exactly what our production line has been missing," remarked a senior operations manager from a leading Vietnamese garment manufacturer while observing a live demonstration at the SaigonTex exhibition.***

This sentiment echoed throughout the halls of the Saigon Exhibition and Convention Center, where the atmosphere was charged with the collective ambition of Southeast Asia's textile leaders to embrace digital transformation. Amidst the hum of heavy machinery and the rustle of high-tech synthetic blends,

the focus centered on a shift from manual labor toward intelligent automation—a transition exemplified by the latest offerings from Hangzhou IECHO Science & Technology Co., Ltd.

As a prominent high performance automatic fabric cutter exporter from China, **IECHO** utilized this premier industry platform to unveil the GLSC Automatic Multi-Ply Cutting System. This equipment represents a significant leap in industrial engineering, featuring a one-time molding steel frame processed by five-axis gantry milling to ensure structural rigidity. For manufacturers in the apparel, automotive interior, and furniture sectors, the GLSC serves as a technical anchor, combining a high-frequency oscillating tool reaching 6000 rpm with a vacuum chamber design that reduces the overall machine footprint by 20% - 30%. By integrating these mechanical advancements, the system addresses the critical need for space efficiency and cutting accuracy in high-volume production environments.

The Global Shift Toward Intelligent Manufacturing in Textiles

The global textile and garment industry is currently navigating a period of profound structural change. For decades, the sector relied heavily on labor-intensive processes, but rising operational costs and the demand for "fast fashion" cycles have rendered traditional methods unsustainable. Today, the industry is trending toward a "Smart Factory" model, where data-driven decision-making and automated hardware replace subjective manual intervention. This evolution is particularly visible in the non-metal cutting sector, where material waste can account for a significant percentage of total production costs.

Market analysts observe that the integration of Artificial Intelligence (AI) and the Internet of Things (IoT) into cutting rooms is no longer an optional luxury but a competitive necessity. Precision cutting, zero-gap nesting, and real-time error compensation are the new benchmarks for success. As global brands demand higher transparency in supply chains and more rigorous quality standards, manufacturers are seeking partners who can provide end-to-end intelligent cutting solutions. This industrial backdrop sets the stage for innovations that prioritize material utilization and energy conservation, aligning with global sustainability goals while simultaneously improving the bottom line for factory owners.

Technical Innovation and Live Performance at SaigonTex

At the heart of the SaigonTex exhibition, the IECHO pavilion became a focal point for technical discourse. Visitors were particularly drawn to the GLSC’s continuous cutting function, which increases overall efficiency by more than 30% compared to traditional multi-ply systems. A technical lead from an Indonesian furniture exporter, after inspecting the internal vacuum airway, noted, "The intelligent suction force adjustment is impressive; it manages different fabric densities without requiring secondary coatings or manual stabilization." This feedback highlights the practical utility of the GLSC’s new vacuum chamber design, which improves structural rigidity and deformation resistance even under high-pressure conditions.

The system’s "Smart Lines Merging" function and "Zero Gap Cutting" capabilities were demonstrated through the processing of complex patterns on dense industrial fabrics. By minimizing the space between cut pieces, the GLSC significantly reduces fabric waste, a feature that prompted immediate interest from large-scale manufacturers looking to optimize high-cost raw materials. Furthermore, the intelligent sharpening system, powered by a Swiss-imported high-speed motor, automatically adjusts the number of revolutions based on the specific requirements of the fabric. This ensures that the blade remains consistently sharp, extending its service life and maintaining a clean edge on every cut, regardless of the material's thickness or texture.

Beyond the hardware, the software integration of the GLSC allows for seamless compatibility with

various data formats including .cut, .nc, .gbr, and .iso. This flexibility ensures that the machine can be integrated into existing digital workflows without requiring a complete overhaul of a factory's CAD/CAM infrastructure. During the exhibition, engineers demonstrated the "Knife Intelligent Automatic Compensation" feature, which adjusts the cutting path in real-time to account for blade wear and fabric resistance. This level of technical autonomy reduces the need for human oversight, allowing operators to manage multiple units simultaneously.

Strengthening the Global Supply Chain through Technical Expertise

The market's positive reception at SaigonTex is backed by IECHO's substantial industrial foundation. Established as a global supplier for the non-metal industry, the company operates out of a manufacturing base exceeding 60,000 square meters in Hangzhou. With over 30% of its 400-plus employees dedicated to Research and Development, the focus remains squarely on technological innovation. This R&D-heavy approach has enabled the company to provide professional products and technical services to more than 10 industries, including aerospace composites, automotive interiors, and luggage.

Service reliability is maintained through a comprehensive network that includes branches in Guangzhou, Zhengzhou, and Hong Kong, alongside hundreds of distributors overseas. This structure ensures a 7/24 service hotline, providing global customers with immediate technical support. Quality management is treated as the cornerstone of the enterprise, with strict adherence to international standards for environment, occupational health, and safety management. By maintaining a effective quality management system, the company ensures that every high-performance cutter delivered to the international market meets the rigorous demands of modern industrial production.

As the industry moves toward a more automated future, the emphasis remains on creating value through precision and reliability. The successful showcase at SaigonTex underscores a commitment to redefining intelligent cutting technology. By combining high-speed performance with smart energy consumption—averaging 15kw to 25kw—and advanced safety features like emergency stop and mechanical collision avoidance, IECHO continues to empower enterprises in their transformation toward high-quality, sustainable manufacturing.

For more information on intelligent cutting solutions, visit the official website:
https://www.iechocutter.com/

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