

LPKF to Unveil CuttingMaster 2240 Cx at productronica: Revolutionary Automated Laser Depaneling System Eliminates Need for Circulating Workpiece Carriers

Cost-effective automation solution delivers maximum efficiency for high-volume PCB production with integrated clamping technology and standardized interfaces

Garbsen, Germany – September 2025 – LPKF Laser & Electronics SE will be showcasing the CuttingMaster 2240 Cx as part of the Fraunhofer IZM production line at this year's productronica in Munich, demonstrating state-of-the-art laser technology in action. The highly automated laser depaneling system is designed to maximize operational efficiency for large-quantity rigid PCB manufacturing and introduces breakthrough automation technology that eliminates the need for circulating workpiece carriers, significantly reducing operational costs while maintaining LPKF's signature precision and reliability.

The CuttingMaster 2240 Cx addresses a critical industry need for cost-effective automation in PCB depaneling operations. By incorporating an integrated clamping device with product-specific fork handling and unloading capabilities, the system streamlines the manufacturing process while reducing equipment complexity and associated costs.

"The CuttingMaster 2240 Cx represents a significant advancement in automated laser depaneling technology," said Patrick Stockbrügger, Product Manager at LPKF. "By eliminating circulating workpiece carriers and integrating intelligent automation features, we're delivering a solution that not only reduces operational costs but also provides the flexibility manufacturers need to adapt to changing production requirements."

Key Features and Benefits:

- **Eliminates Circulating Workpiece Carriers:** Integrated clamping device and product-specific fork system reduces equipment costs and complexity
- **Flexible Automation Options:** Compatible with robotic arms for separated PCB and frame unloading
- **Seamless Integration:** SMEMA and OPC UA interfaces enable quick integration with third-party automation solutions and existing production lines
- **Advanced Software Control:** Intuitive LPKF CircuitPro system software generates optimal process data from layout files, ensuring superior cutting quality and performance

- High-Performance Processing: Features powerful laser source and sophisticated Tensor Technology for full contour or tab cut depaneling
- Compact Design: Space-efficient footprint maximizes manufacturing floor utilization

The system's sophisticated functionality extends the high-performance capabilities of LPKF's 2000 series while introducing new levels of automation efficiency. The CuttingMaster 2240 Cx operates as either a standalone solution or as an integrated component within larger production lines, providing manufacturers with maximum deployment flexibility.



ABOUT LPKF

As a high-tech engineering company, LPKF develops high-precision, scalable manufacturing processes that are used in growth markets such as semiconductors & electronics, life science & medical technology, smart mobility, and research & development. Founded in 1976, the company is headquartered in Garbsen near Hanover and operates worldwide through subsidiaries and agencies. LPKF employs around 700 people and strives tirelessly to drive technological progress with innovative solutions and bring about sustainable, positive changes in the world. The shares of LPKF Laser & Electronics SE are traded on the SDAX of the German Stock Exchange (ISIN 0006450000).

Press Information



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Approval for printing. Proof requested.

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