

LPKF Launches CuttingMaster 2246: Revolutionary Laser Depaneling System Sets New Performance Standards

Advanced Tensor Technology and 20% Performance Boost Deliver Industry's Best Price-Performance Ratio

LPKF Laser & Electronics SE, a global leader in precision laser manufacturing solutions, announced the launch of the CuttingMaster 2246, the next-generation laser depaneling system that represents a significant leap forward in PCB processing technology. The system will make its official debut at this year's productronica Show in Munich, where visitors can experience firsthand the revolutionary capabilities that set new industry standards.

Building on the proven success of the CuttingMaster 2240, the new system delivers approximately 20% improved performance while maintaining LPKF's signature precision and reliability.

The Next Big Step Forward in Laser Depaneling

The CuttingMaster 2246 incorporates groundbreaking Integrated Tensor Technology, enabling unprecedented performance improvements across all quality levels. This innovative approach ensures stress-free, high-precision cutting while significantly reducing processing times, making it the ideal solution for high-volume electronics manufacturing environments demanding both speed and quality.

"The CuttingMaster 2246 represents our commitment to continuous innovation and customer success," said Patrick Stockbrügger, Product Manager at LPKF. "By achieving a 20% performance boost while integrating advanced features like Tensor Technology, we're not just improving a product – we're redefining what's possible in laser depaneling technology."

Delivering Unmatched Performance and Value

The CuttingMaster 2246 achieves approximately 20% improved performance over its predecessor while delivering the industry's best price-performance ratio. This enhanced performance extends across all quality levels, ensuring that manufacturers can achieve superior results regardless of their specific application requirements. The integration of advanced Tensor Technology represents a fundamental breakthrough in laser depaneling precision, enabling more consistent and reliable cutting operations.

Beyond core performance improvements, the system offers optional features that provide manufacturers with enhanced control and flexibility. The optional Automatic Power Measurement ensures consistent quality control throughout production runs, while the optional

width adjustment feature delivers enhanced operational flexibility to accommodate varying PCB specifications without manual intervention.

The CuttingMaster 2246 is designed from the ground up for Industry 4.0 manufacturing environments. The system seamlessly integrates into existing production lines through comprehensive interface support including SMEMA, HERMES, and OPC UA protocols. This ensures full compatibility with modern manufacturing ecosystems without disrupting established workflows or requiring extensive system modifications.

Perhaps most importantly, the CuttingMaster 2246 offers flexible automation levels that can be adapted to meet specific customer requirements. Whether manufacturers need basic manual operations for prototype work or fully automated systems for high-volume production lines, the system's adaptable architecture ensures optimal performance tailored to each unique manufacturing environment.

"Our customers operate in diverse manufacturing environments with varying automation needs," added Patrick Stockbrügger. "The CuttingMaster 2246's flexible architecture ensures that whether you're running prototype quantities or high-volume production, you get optimal performance tailored to your specific requirements."



See It First at productronica Munich

Industry professionals will have the first opportunity to see the CuttingMaster 2246 in action at this year's productronica Show in Munich, where LPKF will demonstrate the system's revolutionary capabilities and advanced features in hall B2/ booth 305. Following the trade show debut, the system will be available through LPKF's global sales network, backed by the com-

pany's comprehensive customer support program including expert consultation, comprehensive training programs, ongoing maintenance support, and global service coverage spanning more than 60 countries worldwide.

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).

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