

LPKF wins Global Technology Award

The LPKF CuttingMaster 3565 laser system convinced the expert jury

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ISIN 0006450000

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A special award for a particularly powerful PCB depaneling system: the high performance and cost-effectiveness of the LPKF CuttingMaster 3565 and the technical cleanliness of the PCB cut edges as a result of the laser cutting process were the decisive criteria for winning the Global Technology Award 2020 in the Depaneling Systems category.

The laser system convinced the expert jury of the renowned international magazine, Global SMT & Packaging, with its precise, clean and cost-effective cutting results.

LPKF's innovative CleanCut technology ensures technical cleanliness of the processed material. The newly designed exhaust head integrated into the system prevents deposits of any kind of contamination, thus eliminating the need for cleaning steps after processing with the LPKF CuttingMaster 3565.

The stress-free laser cutting of the entire PCB contour eliminates the need for mechanical routing prior to assembly. Since the usual pre-milled 2-3 mm wide channels are no longer required, up to 30% more PCBs can be placed on the panel. The LPKF technology thus ensures material savings, reduces costs while protecting the environment from additional waste. The sophisticated system software makes the LPKF CuttingMaster 3565 very easy to operate, which also minimizes the production cycle time.

"Of course, we ourselves know the numerous advantages of our laser system and our CleanCut technology, which allow a higher packing density in SMT production and ensure a high yield. Especially in the area of complex and extremely small circuits, for example in medical technology or sensor technology, we can push the envelope. We are very pleased that this has also been recognized by an independent jury of experts who have the greatest expertise in the PCB environment. It honors our development spirit", said Stephan Schmidt, President of LPKF North America, who accepted the trophy. "We are proud and happy about the award, which is also a proof of our leading position in the market".

But it is not the competitive environment that is decisive for Schmidt. "With our developments, we want to drive industrial development forward. The advantages of our machines directly benefit our customers - and thus also the end users."

Roman Ostholt, Business Unit Manager Electronics at LPKF, adds: "This award is a recognition of the performance of our entire team, from the engineers in the development department to our software specialists and the colleagues in production. We are very happy about this award and we are convinced that our laser systems can give our customers a pole position in the strong competitive PCB environment".



Fig.1: Stephan Schmidt, President LPKF North America, is delighted about the Global Technology Award 2020

About LPKF

LPKF Laser & Electronics AG is a leading provider of laser-based solutions for the technology industry. Laser systems from LPKF are of central importance for the manufacturing of printed circuit boards, microchips, automotive parts, solar modules and many other components. Founded in 1976, the company has its headquarters in Garbsen near Hanover and operates worldwide through subsidiaries and agencies. Around 20 percent of the workforce is engaged in research and development.