

Press release

More power for electromobility

LiCON expands service and product portfolio

At this year's EMO in September, the Laupheim machine tool manufacturer will present several market innovations. These include the single- and twin-spindle LiFLEX I+I for 5-axis machining of cubic structural components, the further development of the i³-technology as well as customized automation offers. The company is thus taking into account customer and market requirements to save space, costs and energy as well as to meet new processing demands.

For Managing Director Winfried Benz, EMO Hanover as the world's leading trade fair for production technology is a very special opportunity to present new solutions to the professional audience. "Especially the drive of the latest electric vehicle generations, e.g. for stator housings, requires the highest machining precision. The requirements in the non-automotive sector are also increasing. All in all, the variety of components for which we receive requests for processing is constantly growing. We are responding to this with new and innovative solutions."

These include the 'I+I' variant of the LiFLEX machine concept, in which the two spindles can perform different machining operations at the same time. Various pallet changer systems also enable the machining centers to be loaded during machining time and thus significantly increase productivity compared to directly loaded machining centers.

Increase production flexibility and production quality

LiCON has also further developed the i³-technology to meet customer needs. "This complete decoupling and independence of both spindles increases both production flexibility and production quality. Special compensation strategies enable consistently high machining quality right from the start of production without warm-up intervals," Winfried Benz continues.

In addition to the twin-spindle machines, which can be optionally equipped with i³-technology, the LiCON modular product system also offers solutions in the area of single-spindle and four-spindle machining centers for a wide range of other applications in both the automotive and non-automotive sectors. All machining centers are developed, designed and built in-house at the headquarters in Southern Germany. The LiCON product portfolio is completed by offers for automation – all from a single source. These turnkey solutions further increase the economic efficiency of the production systems.

At EMO in Hall 12 Booth D38

LiCON will be present in Hanover from 18 to 23 September with a machining center and the specially developed stacking cell. There, visitors will be able to get a first-hand impression of CNC machining centers with high speed and precision and meet with the LiCON experts.

About LiCON

LiCON mt GmbH & Co. KG, a global system supplier of modular machining centers stands for high-precision machining in series production. Core products are horizontal machining centers, with single-spindle, twin-spindle and even four-spindles. Unique is the portfolio of loading options. LiCON offers all three options, direct loading, double trunnion and pallet changer. Most of its customers from the automotive and other industries, appreciate the technology expertise and select a turnkey solution including the machining process. LiCON is dedicated to keep the quality of the machine and the machining process under control. That is why LiCON develops, designs and builds fixtures, motor spindles and most of its machine components inhouse.

Additionally, system integration with customized adaptable automation concepts.

With 200 employees in Europe, US, and China, LiCON is perfectly sized to lead in technology and be a flexible partner to its customers worldwide.

More information: www.licon.com

Image



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Individual independent compensation of both work spindles in X, Y and Z: i³-technology enables independent compensation in all three main axes.

Press contact

LiCON mt GmbH & Co. KG

Carmen Kley
Marketing Manager

Im Risstal 1
88471 Laupheim

Tel: +49 7392 962-213
E-mail: presse@licon.com
Web: www.licon.com