

## **FIDIA presents the latest innovations for 5-axis high-precision machining at EMO 2023 .**

[Hannover, September 18 – 23] FIDIA, world leader manufacturer in High Performance / High Speed Milling Systems and in Numerical Control technologies for the machining of complex shapes will be present at EMO 2023.

FIDIA has a long-standing reputation for supplying high-performance, precision 5 axis milling machines, serving various industries such as aerospace, automotive, medical, and more. With a strong focus on research and development, FIDIA continues to push the boundaries of machining capabilities, enabling its customers to achieve greater productivity and efficiency in their manufacturing processes.

Visitors to the FIDIA booth can expect an impressive demonstration of a new 5-axis linear milling machine, including:

FIDIA's state-of-the-art 5-axis machining centres offer unprecedented precision and reliability. Equipped with their own advanced CNC control system, customers can machine the most advanced designs and complex geometries with ease.

One of FIDIA's highlights is the new compact "DL321" 5-axis high-speed gantry with linear motor technology for processing various materials such as composite, aluminum alloys and steel. It has an innovative design with a 45° rotated RAM (patent pending) for greater rigidity and better thermo-symmetric behavior.

A "M5A" milling head will also be presented on the booth, which enables an improvement in productivity and machining quality thanks to its ability to manage complete machining cycles from roughing to finishing. An optional available device for measuring and automatically compensating geometric errors helps to ensure precision and reliability in the production process.

Part of the booth will be dedicated to Retrofit Solutions as it will be a pillar of the future Fidia Strategy, offering tailor made retrofit programs that will not only bring new life to customer' machines, but it will improve its reliability. Showing FIDIAS Velocity 6 software that reduces machining times of up to 30% increasing productivity. Retrofitting can be made step by step including console operator, display and touch screen, hardware inside the

CNC, faster user Interface, latest alignment technologies and OS, smart industry and digitization of production processes.

Integrated Automation Solutions – FIDIA's commitment to automation facilitates seamless integration with existing manufacturing workflows, streamlining production and optimizing overall efficiency.

With a focus on direct interaction with experts and hands-on demonstrations, visitors will have the opportunity to experience the quality and value of FIDIAs products.

This is an excellent opportunity for industry professionals to explore how FIDIA technology can take manufacturing processes to new levels.

FIDIA cordially invites visitors, industry partners and the press to come to Hall 13, Stand C43, and discover the future of precision machining.

**Events:**

19.9.2023 Press Conference h:16.00, Room 11: "Fidia. A new Era" with L.Maniglio Executive Chairman of Fidia Group

20.9.2023 "Fidia retrofit solutions, a new approach", Technical Talk, h:11.00 Fidia Booth, R.Ricatto Head of R&D

For more information about FIDIA and its machine tool offerings, please visit

<http://www.fidia.it/en/> or contact:

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