

# Press release

*At the AMB, F. Zimmermann presents a new compact portal milling machine for steelworking applications:*

## **Power packs and turnkey solutions**

**A world première at the AMB, the International Exhibition for Metalworking (13th to 17th September, Messe Stuttgart): For the very first time, F. Zimmermann GmbH will be presenting its new FZ40 compact (c) solution which can be seen machining a steel tool. It is based on the proven FZ33 c and offers the same advantages. However, it permits the economical machining not only of aluminum but also of steel. With this solution, Zimmermann is catering, in particular, for model and mould makers that want to boost their toolmaking activities.**

The FZ40 c makes use of the powerful new VH60 2-axis milling head. This delivers 63 kW of power and a torque of 300 Nm. The machine builder also provides a tool holder in the form of the HSK-A100. Eight mounting elements ensure outstanding stability and reduce vibrations during the machining process. The side walls are filled with a special concrete and are mounted on the machine bed. In combination with the structurally rigid portal, this makes it possible to erect the machine on a solid industrial floor - usually without special machine foundations. This gives user companies great freedom in choosing the installation site for the system. Its particularly high performance and stability enable steel components to be machined quickly and economically on 5 axes. What is more, the machine offers high availability and achieves outstanding precision. Thanks to the standardisation of the assemblies, the modular construction of the machine and the stocking of assembly parts, F. Zimmermann can offer the FZ40 c at an attractive price.

F. Zimmermann GmbH is also pleased to be able to provide information about its first 5-axis horizontal machining centre, the FZH400, see [www.fzh400.com](http://www.fzh400.com). This new model range is particularly suitable for the efficient machining of standard components for the aircraft industry. The core technology of the FZH400 is a robust, water-cooled travelling column. Its rigidity increases as the material is penetrated. This ensures a perfectly constant geometry along the Z axis as well as maximum rigidity in sensitive areas of the workpiece. As a result, users can work very quickly and achieve an outstanding surface finish. Even in the standard version, the machining centre features a pallet handling capability with an area for setting up pallets during machine operation. The handling system – another new development – permits the low-sag, reliable transport of pallets and is also extremely well-suited for larger pallet lengths. Zimmermann supplies this production system as a turnkey solution.

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**F. Zimmermann at the AMB, Hall 9, Stand D54**

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## Photo captions:

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**Photo 1:** With the new FZ40 c, F. Zimmermann has developed a compact solution that opens up the economically efficient machining of steel for user companies. It is particularly suitable for model and mould makers that want to boost their toolmaking activities.

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**Photo 2:** With the new FZH400, users can achieve optimum machine operation times during the production of standard parts.

**Photo credits: F. Zimmermann GmbH**

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## About the company

F. Zimmermann GmbH is headquartered in Neuhausen a.d.F., Germany, and is one of the world's leading suppliers of high-tech milling solutions. The machines have huge working areas, tremendous dynamic performance and enormous cutting capacity. Founded in 1933 by Friedrich Zimmermann, the company now has 200 employees, with subsidiaries in the USA and China. The innovative company has one primary goal for its range of products: being able to offer the right solution to its customers and so ensure high profitability: "Quality made in Germany". Its specialized machines are in use throughout the world in the aerospace and automotive industries and find many special applications.

For more information, visit [www.f-zimmermann.com](http://www.f-zimmermann.com).

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