

P R E S S R E L A S E

The ideal machine for small workpieces and any batch size**European premiere at EMO Hanover 2025: Okuma's Machining Centre MS-320H boosts automation and efficiency in production**

Krefeld/Hanover (Germany), 30 June 2025. In industries such as automotive, semiconductor manufacturing and the production of hydraulic and pneumatic systems, staff reductions are becoming increasingly common. Production spaces are also being reduced in order to cut costs, meaning that even the smallest areas must be used efficiently. Okuma is responding to these and many other challenges in the manufacturing sector with an innovative European premiere: the Horizontal Machining Centre MS-320H. From 22 to 26 September, Okuma Europe will be demonstrating the machine live for the first time at EMO Hanover 2025 at booth D28 in hall 14.

The MS-320H enables the automation of various tasks, allowing extended runtimes without manual intervention. Three key features are especially important.

1. Firstly, the MS-320H can automate a wide range of production setups, from individual machining cells to multiple production lines.

In particular, it is equipped with a compact automated loading cell hatch to enhance efficiency in high-volume production. Machine parts can be loaded and unloaded in seconds without requiring further input from a machine operator. The machine also features a compact footprint, making it easy to integrate into a mixed production line alongside a lathe. This eliminates the need for additional loading systems. The system can also be combined with a mobile collaborative robot, depending on the capacity requirements. An automated workpiece changer facilitates the production of a diverse range of products in relatively small quantities. The machine features eight hydraulic and pneumatic ports on the machine table for automated workpiece clamping.

2. The MS-320H has a sophisticated design and smart technologies that enable fully autonomous production.

Chip management often encounters issues during the production process. The MS-320H features a clever design that ensures reliable, long runtimes without the need to clean the machine chamber. The vertical table arrangement prevents chips from accumulating, and a continuous chip conveyor ensures they are removed swiftly and reliably.

Various tried and tested Okuma technologies also support interruption-free production processes: The Thermo-Friendly Concept compensates for temperature-related fluctuations and contributes to high-dimensional stability during long-term continuous operation. ECO Suite Plus promotes energy-efficient production processes by recording and analysing the machine's operating status and CO₂ emissions. The ECO Idling Stop function detects the machine's operating status and switches off the cooling system when the machine is not in use.

The Sludgeless Tank prevents downtime by collecting contaminants such as suspended particles or metal sludge from the coolant; it is available as an optional extra.

3. The MS-320H saves space and processing time.

Okuma has developed a Horizontal Machining Centre with a width of 1,580 mm and a depth of 3,120 mm, ensuring flexible, space-saving production of small workpieces. With a spindle speed of 15,000 rpm, large and small batch sizes can be produced easily and in the shortest possible time.

Visit EMO and see Okuma and the MS-320H for yourself!

Plan a visit to EMO Hanover 2025 to experience this and other European and world premieres in action. Taking place from 22 to 26 September 2025, the trade fair promises numerous highlights and surprises at the 960 m² Okuma booth D28 in hall 14.

For free tickets and more information, visit emo.okuma.de.

Okuma Europe GmbH is the European sales and service subsidiary of the Japanese Okuma Corporation. Founded in 1898 in Nagoya, Japan, Okuma is now one of the world market leaders in CNC machine tools. Through a combination of expertise and continuous development, the company has become the only single-source supplier in the industry. Okuma's experts design and manufacture CNC machines, drives, motors, measuring devices, spindles and CNC control systems. A wide range of cutting-edge solutions gives customers a significant competitive advantage while maximising opportunities for energy-efficient production. Okuma's industry-leading distribution network is synonymous with quality, productivity and efficiency in all manufacturing and customer support processes. To learn more, go to www.okuma.eu.

Press contact:

saalto Agentur und Redaktion GmbH
Konstanze Kulus
Schwarzwaldstrasse 17
76137 Karlsruhe, Germany
Phone: +49 721/160 88-78
konstanze@saalto.de
www.saalto.de

Company contact:

Okuma Europe GmbH
Nicole Basmer
Marketing Department
Europark Fichtenhain A20
47807 Krefeld, Germany
Phone: +49 2151/374-0
marketing@okuma.eu
www.okuma.eu

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