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## Automation

### DMG MORI expands its automation portfolio

**Munich.** As part of the Machining Transformation (MX), with which DMG MORI is paving the way to the future of manufacturing, automation solutions have a firm place. They create personnel capacities for qualified activities and optimize machine utilization even in unmanned shifts. At EMO 2025, the machine tool manufacturer will showcase a total of 33 automation solutions and a dedicated automation hub. The exhibition includes pallet handling systems such as round pallet storage or the PH Cell series and the WH Cell workpiece handling system as well as the Robo2Go models and the MATRIS system as robot-based solutions. Driverless transport systems for the automated transport of pallets, tools, material and chips complete the range, including the new AMR 1000. In addition, the focus at EMO will be on retrofitting. With this offer DMG MORI supports its customers in retrofitting existing machines with automation - for pallet or workpiece handling as required. Such solutions sustainably optimize production capacity utilization and make a significant contribution to future-proof production.

#### **AMR 1000: Autonomous transport of pallets measuring up to 1,100 x 1,100 mm**

Like all AMR models, the new AMR 1000 also functions as a collaborative automation solution with free layout design. It moves independently on the production floor at speeds of up to 6 km/h and has a running time of nine hours. The SIMOVE technology from Siemens ensures natural and omnidirectional navigation. As the AMR 1000 can turn on the spot, its space requirement is minimal. It measures 1,070 x 770 x 357 mm. Safety in interaction with people is guaranteed by technologies from Sick and Siemens. The load capacity of the AMR 1000 is 1,000 kg. It is designed for pallet sizes from 800 x 600 mm to 1,100 x 1,100 mm. The AMR 1000 can also perform other tasks such as tool handling or chip removal via additional interfaces. The range of functions makes it a holistic automation system that can be easily integrated into existing processes on the shop floor.

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**WORKPIECE HANDLING**



**PALLET HANDLING**



**TOOL HANDLING**



**AMR**



At EMO 2025, the machine tool manufacturer will be showcasing a total of 33 automation solutions and a dedicated automation area.

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The AMR 1000 is an automated guided vehicle system for pallet handling, material transportation or chip removal.

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**Company Profile // DMG MORI**

DMG MORI is a leading global manufacturer of high-precision machine tools and is represented in 44 countries - with 124 sales and service locations, including 17 production plants. In the "Global One Company", more than 13,500 employees drive the development of holistic solutions in the manufacturing environment. DMG MORI combines four pillars for the efficient and sustainable production of the future under the Machining Transformation (MX) concept: process integration, automation, digital transformation (DX) and green transformation (GX).

DMG MORI stands for innovation, quality and precision. Our portfolio includes sustainable manufacturing solutions based on turning, milling, grinding, drilling, ultrasonic, lasertec and additive manufacturing technologies. With technology integration, end-to-end automation and digitalization solutions, we make it possible to increase productivity and resource efficiency at the same time.

At our production sites, we implement integrated turnkey solutions for the leading sectors of Aviation & Space, Automotive & E-Mobility, Die & Mold, Medical and Semiconductor. With the DMG MORI Qualified Products (DMQP) partner program, we offer perfectly matched peripheral products from a single source. Our customer-oriented services accompany the entire life cycle of a machine tool - including training, repair, maintenance and spare parts service.

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