

**Contact Technical Press:**

Eva Manzenreiter  
DMG MORI Global Marketing GmbH

eva.manzenreiter@dmgmori.com  
dmgmori.com

---

World premiere: DMX 60 U / DMX 80 U

## Future-proof production with the DMX U series

**Munich.** Based on the proven and robust design of the 3-axis DMV vertical milling machines, DMG MORI has developed the DMX 60 U and DMX 80 U for 5-sided machining of complex workpieces weighing up to 300 and 350 kg, respectively. With travels of 600 x 600 x 510 mm for the DMX 60 U and 800 x 600 x 510 mm for the larger model, the new universal machining centers cover a wide range of components in general mechanical engineering, die & mold and other demanding industries. The monolithic machine bed made of solid cast components and the wide roller guides form the basis for high precision requirements. They provide the DMX U models with 45 percent greater rigidity compared to the predecessor and enable dynamic machining with rapid traverse rates of up to 42 m/min. Comprehensive temperature compensation measures ensure high thermal stability and therefore consistently precise production, while direct position measuring systems and direct drives in the X and Y axes guarantee high positioning accuracy. The concentricity is 6 µm. In addition, the DMX 60 U and DMX 80 U are ideal machines in the context of Machining Transformation (MX) thanks to numerous automation solutions, the CELOS X app-based control system, and energy-efficient operation.

### Maximum performance with a wide range of spindles

To ensure that the DMX 60 U and DMX 80 U can play to their strengths in as many areas of application as possible, a comprehensive range of spindles is available, starting with the inlineMASTER spindle with 12,000 rpm as standard. SpeedMASTER spindles with a high torque of up to 200 Nm or a speed of 20,000 rpm are also available as an option. As with all MASTER spindles, a 36-month warranty without a runtime limit also applies here. The standard BIG PLUS interface provides additional stability and accuracy during machining.

### Machine development with a view to Machining Transformation (MX)

DMG MORI has developed the new DMX U models with Machining Transformation (MX) in mind, taking into account the pillars of process integration, automation, Digital Transformation (DX) and Green Transformation (GX). For example, users can integrate grinding in the work area of the machines so that no additional machines are required or capacities on other machines are spared. Automation solutions such as Robo2Go Milling and MATRIS light as well as the PH 150, PH Cell 300 and PH Cell Twin pallet handling systems enable flexible, automated operation, even in unmanned shifts. At the same time, CELOS X on a SINUMERIK ONE or a HEIDENHAIN TNC7 creates the perfect platform for digital processes. DMG MORI has equipped the two universal machines with GREENMODE with the objective of making production as climate-friendly and economical as possible. Energy-efficient components and intelligent control systems reduce energy consumption here by ten percent.

---

**Contact Technical Press:**

Eva Manzenreiter  
DMG MORI Global Marketing GmbH

eva.manzenreiter@dmgmori.com  
dmgmori.com

---



With travels of 600 x 600 x 510 mm and a workpiece weight of 300 kg, the DMX 60 U marks the entry into the new DMX U series.



Both the DMX 60 U and the DMX 80 U can be flexibly automated, here with the PH 150 pallet handling system.

---

**Contact Technical Press:**

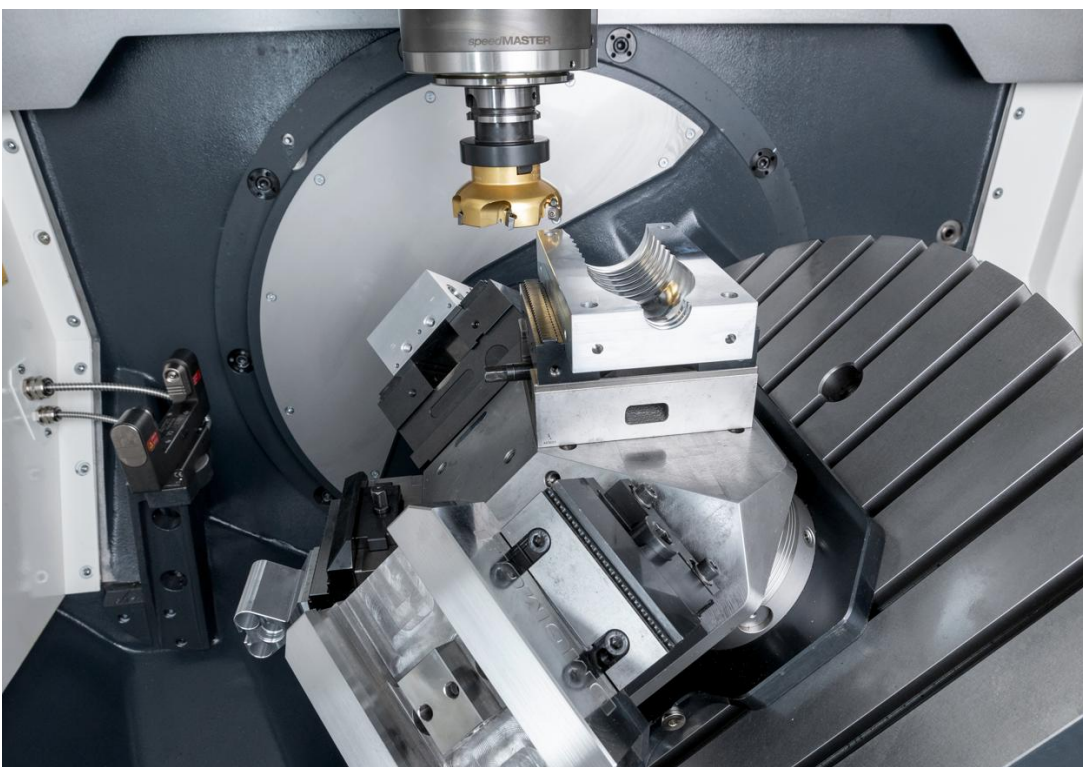
Eva Manzenreiter  
DMG MORI Global Marketing GmbH

eva.manzenreiter@dmgmori.com  
dmgmori.com

---



DMG MORI has developed the DMX 60 U and DMX 80 U for 5-sided machining of complex workpieces weighing up to 300 and 350 kg respectively.



The new DMX U models cover a wide range of components, for example in tool and mold making.

---

**Contact Technical Press:**

Eva Manzenreiter  
DMG MORI Global Marketing GmbH

eva.manzenreiter@dmgmori.com  
dmgmori.com

---

**Company Profile // DMG MORI**

DMG MORI is a leading global manufacturer of high-precision machine tools and is represented in 43 countries – with 116 sales and service locations, including 17 production plants. In the “Global One Company”, more than 13,000 employees are driving the development of holistic solutions in the manufacturing industry. Under the guiding principle of Machining Transformation (MX), DMG MORI combines four pillars for the efficient, sustainable production of the future: Process Integration, Automation, Digital Transformation (DX) and Green Transformation (GX).

DMG MORI stands for innovation, quality and precision. Our portfolio covers sustainable manufacturing solutions based on the technologies Turning, Milling, Grinding, Boring as well as Ultrasonic, Lasertec and Additive Manufacturing. With technology integration, end-to-end automation and digitization solutions we make it possible to increase productivity and resource efficiency at the same time.

At our production sites worldwide, we realize holistic turnkey solutions for the main sectors of aerospace, automotive, 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 cover the entire life cycle of a machine tool – including training, repair, maintenance and spare parts service.

*DMG MORI Global Marketing GmbH | Walter-Gropius-Str. 7 | 80807 Munich  
Managing Director: Irene Bader  
Commercial register no.: HRB 213234, Local Court Stuttgart*