

October 22, 2026

The Four Machine Tool Companies of the Nidec Group to Exhibit at JIMTOF2026

- Contributing to Manufacturing through Innovative Solutions -

Nidec Machine Tool Corporation, Nidec OKK Corporation, Takisawa Machine Tool Co., Ltd., and PAMA S.p.A.(Italy), the four machine tool companies of the Nidec Group, will exhibit at the 33rd Japan International Machine Tool Fair (JIMTOF2026), taking place October 26-31, 2026, at Tokyo Big Sight in Tokyo, Japan.

Under the theme "Contributing to Manufacturing through Innovative Solutions," the four companies will showcase their combined technologies and products in one booth. Exhibits will range from machine tools and cutting tools to digital technologies, metal 3D printers, and robotic systems. By combining their technologies, the companies will present machining solutions tailored to a wide range of shop-floor challenges, with a particular focus on growth sectors such as robotics, AI, and aerospace.



■Exhibits and Demonstrations

An Extensive Lineup Supporting the Future of Robotics

**Noncircular CNC Lathe
「TPS-3100HII」**



Applies noncircular machining technology developed for engine piston manufacturing to speed reducer components for humanoid robots.

**Vertical CNC Lathe
「VTL-450M」**



Features a large machining envelope and heavy-duty cutting capability, accommodating a wide variety of workpieces, including robotic

**High-Precision Hobbing Machine
「GE15FR Plus」**



Ultra-Small-Module Gear

Combines machine and tooling technologies to produce precision gears that play a key role in the positioning accuracy of robots.

**Gear Grinding Machine
「ZI35A」**

New Product
New Technology



Delivers high-precision, high-efficiency finishing of large internal gears that drive robotic motion. The machine will make its world premiere at the show.

Diverse Technologies Expanding the Possibilities of Manufacturing

Double-Column Five-Face Machining Center 「MVR-5X」

New Product
New Technology



Demonstrates versatile machining of large components using a compact five-axis head.

Also on display is Nidec NC Twin, a digital twin platform that recreates shop-floor machining operations in a virtual environment.

Metal 3D Printer 「LAMDA500」

New Technology



Showcases five-axis additive manufacturing of complex parts and AI-based technology for improving build accuracy. A wide variety of sample parts will be on display.

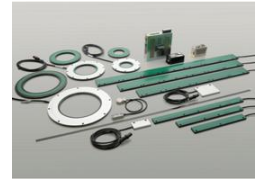
Grinding Center 「GC53RII」



Supports a wide range of machining applications involving difficult-to-cut and brittle materials, including ceramics and glass used in semiconductor manufacturing equipment.

Precision Linear Scale 「MP Scale」

New Product
Japan Premiere



Maintains high precision under demanding machining conditions. A new long-stroke model will make its Japanese debut.

Solutions for Automation and Labor Saving

Multitasking Machine 「TEX-2500S GR」

New Product
World Premiere



A new mid-range multitasking machine joins the lineup. Making its first public appearance, the GR configuration enables high-precision gear machining, beginning with turning, in a single setup without rechucking the workpiece.

Vertical Five-Axis Machining Center 「VB-X650」



Combines a compact footprint with a world-class ratio of axis travel to floor space. Vertical pallet storage systems and matrix tool magazines support automation and reduce operator workload.

Hobbing Machine with Integrated Chamfering 「GE25CF」

New Product
Japan Premiere



Dedicated Chamfering

Combines hobbing and chamfering in a single machine for high-efficiency machining using dedicated cutters.

Cart-Mounted Mobile Robot System 「TR-20W」

New Technology



Presents automation and labor-saving solutions using a robotic system equipped with physical AI.

■Exhibition Information

Special Exhibition Website: <https://www.nidec.com/en/products/machine-tools/contents/machine-tool-jimtof2026/>

■Booth Numbers: East Hall 3, Booths E3011–E3013

■Participation in Special Exhibitions and Events at JIMTOF2026

Talk Session and Sample Displays: "A Vision for the Future of Robots Working in All Fields"

— Machine Tools Supporting the Evolution of Japan's Robotics Industry

Location: Galleria, East Exhibition Building

Related display: Gear machining technologies

Workshop: "Manufacturing: NEXT STAGE"

— Collaboration Between a Scraping Robot and Master Craftspeople [Masters of Hand Scraping]

Location: South Hall 4, 4th Floor, South Exhibition Building

Participating company: TAKISAWA Machine Tool Co., Ltd.

Date: Wednesday, October 28

Additive Manufacturing ZONE (AM ZONE)

Location: South Hall 4, 4th Floor, South Exhibition Building

Display: A wide variety of additive manufacturing samples

■Nidec Group Machine Tool Companies

- Nidec Machine Tool Corporation: <https://www.nidec.com/en/nidec-machinetool/>
- Nidec-OKK Corporation: <https://www.nidec.com/en/nidec-okk/>
- TAKISAWA Machine Tool Co., Ltd.: <https://www.takisawa.co.jp/english/>
- PAMA S.p.A.: <https://pamamachinetools.com/en/>