

## Press Release

June 15, 2020

# Ideal for High-mix, Low-volume Production Large-capacity Tool Magazine with 246 Tool Pockets Developed

DMG MORI CO., LTD. (hereinafter called DMG MORI) has developed a large-capacity tool magazine and begun offering it as a standard option of the integrated mill turn center NTX series.

The NTX series models have been used by many customers in various fields, mainly in the aerospace, medical and precision equipment fields. The models will respond flexibly to the growing demand for high-mix low-volume production by employing a large-capacity tool magazine.

The newly developed tool magazine features a compact design while achieving a large storage capacity, making itself an ideal choice for customers considering introducing automation systems.

With the recent trend toward diversification of production styles, more and more manufacturers are shifting to high-mix low-volume production and the demand for mill turn machines is also on the rise. High-mix production requires a wide variety of cutting tools to machine various shapes of workpieces, so the new tool magazine, capable of storing up to 246 tools, is the perfect solution for the production and brings greater efficiency in tool setups and changes.

### ■ Main features

- Large storage capacity in a compact design thanks to the chain type magazine
- 12% shorter tool change time compared with the conventional rack type
- Safe and quick tool setups with easy button operation
- LED lighting in the magazine for better visibility during tool check and change
- Tool magazine door can open up to 90 degrees for easy cleaning and maintenance
- Tool setup during program execution possible thanks to the three doors
- Tool storage capacities: 194 or 246 tools
- Storable tool size: up to 400 mm in length and 130 mm in diameter (with adjacent tools: 70 mm)
- Automated material supplies possible when combined with a bar feeder

DMG MORI will continue providing products that are highly functional, reliable and worthy of investment in an effort to meet the needs of global customers.

Item	Large-capacity tool magazine
Applicable machines*	Integrated mill turn centers: NTX 2000 2 <sup>nd</sup> Generation/NTX 2500 2 <sup>nd</sup> Generation NTX 3000 2 <sup>nd</sup> Generation

\*This information is as of June 2020. The magazine will also be available on NTX 1000 2<sup>nd</sup> Generation.



NTX 2500 2<sup>nd</sup> Generation with the large-capacity tool magazine