



October 5, 2021

**Nidec Machine Tools release "MVR-Cx"**  
**- First Product Release since becoming part of Nidec Corporation -**  
**First step toward expansion of its Large-Scale Machine Tool Business**

- Expansion of product lineup with the introduction of new products
- Responds to a wide range of market needs for processing large parts

Ritto City, Japan - Nidec Machine Tool Corporation (President: Kenichi Wakabayashi, Head Office: Ritto City, Shiga Prefecture) will launch the MVR-Cx series of double-column machining centers as its first new product since becoming a subsidiary of Nidec Corporation on August 2. We have set a goal of 100 billion yen in sales for the fiscal year ending March 2026 and will expand our large machine tool business as a core business. The MVR-Cx series will be the first in its series, to be introduced at the "New Product Preview" from Tuesday, October 12 to Friday, October 15, and from Monday, October 18 to Wednesday, October 20 at the newly built large machine tool showroom at the main plant, after which the machine will be available in the market.

The MVR-Cx series is a simple, easy-to-use machine that efficiently performs single-item and high-mix low-volume production in machining general large parts such as can structures. The newly developed "Nidec Navi" operation support function, which significantly reduces the production time from receiving a job to shipping a product, comes as a standard feature. A wide variety of original screens are available to simplify initial machining settings, such as program creation, debugging, and centering of the workpiece before machining, which used to be time-consuming in one-product and high-mix low-volume productions. In addition to the guidance to make the program easy to operate, a simple collision prevention function (opt.) is also available, making it easy to work with for those new to machine operation. Furthermore, 3D visual guidance is projected on the operation screen to support each operation until recovery when machine trouble occurs. This allows our support center to remotely access the machine at the customer's factory to monitor the machine status and provide prompt support based on the monitored information.

The maximum spindle speeds are 4,000 rpm and 6,000 rpm (Opt.), and the standard specification is a cylindrical attachment that can easily fit inside a can manufacturing structure. Grease is used as lubricant for the main spindle and attachments, greatly cutting energy costs by reducing air supply.

Moreover, the assembly structure that can be installed in small or large locations and can be carried in by a 15-ton truck or installed in a narrow space.

Since its launch in 2003, the MVR series has been well received for its high accuracy and productivity, and has been delivered for a wide range of purposes such as molds, industrial machinery, construction machinery, and semiconductor manufacturing equipment, etc. The MVR-Cx quickly adapts to changes in the environment surrounding the manufacturing industry - it is a machine that is easy to operate even for those without experience which contributes to improvement in productivity.

With the launch of this new series, Nidec Machine Tools will not only continue to meet the needs of our existing customers for equipment renewal but also will engage in actively cultivating new users.



**MVR-30Cx**

**Specification of the New MVR-Cx series**

Item / Model			MVR25Cx		MVR30Cx	
Table	Working Area	Width(mm)	1,500		2,000	
		Length(mm)	3,000	4,000	4,000	5,000
	Loading Capacity(ton)		15		20	
Throat clearance between columns(mm)			2,050		2,550	
Distance from spindle end to table surface(mm)			1,650			

Spindle	Ram Size(mm)	□350
	Diameter of Vertical spindle tip(mm)	φ220
	Spindle Speed(min-1)	20~4,000 (opt. 20~6,000)
	Spindle motor output(continuous)(kW)	22/30 : Low/High
ATC tool storage capacity (pcs)		50 (opt. 80)