



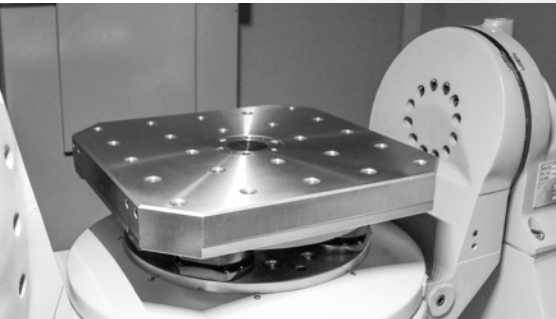
Nidec
All for dreams



NIDEC OKK CORPORATION
NIDEC MACHINE TOOL CORPORATION

Exhibition invitation

Your Next Machine Awaits




EMO
HANNOVER
22-26/09/2025

Exhibited Machine Models



NIDEC OKK

HX500

- Horizontal 5 Axis Machining Center
- Excellent workpiece loading operability with our uniquely designed APC
- Improved Chip Evacuation
 - Expanded A-axis rotation range allows continuous machining even in an inverted position
 - Center trough ensures efficient chip evacuation

Machine Specifications

Controller type	FANUC 31i-B5 Plus
X – axis travel (Column: right/left)	700 mm
Y – axis travel (Spindle head: up/down)	800 mm
Z – axis travel (Pallet: back/forth)	780 mm
A – axis travel (Pallet tilting/head tilting)	+30 ~ -210 deg
B – axis travel (Pallet turning)	360 deg
Table (pallet) size	φ500 mm
Maximum workpiece weight	350 kg
Spindle taper	7/24 taper No. 40 (Two-surface locking type)
Spindle speed	100 ~ 15,000 min ⁻¹
Rapid speed X/Y/Z	65 / 65 / 65 m/min
Rapid speed A/B	50 / 100 min ⁻¹
Maximum tool weight	12 kg
Magazine capacity	60 tools
Size (Lift-up chip conveyor specifications)	W 2600 / D 5620 / H 2845
Total Power Consumption	64kVA
Machine Weight	15000kg



NIDEC OKK

VB-X350

- Vertical 5 Axis Machining Center
- Faster cycle time
- Automation with multi-level pallet system
- Direct Drive Motor Table for non-backlash high-speed machining
- Compact floor space

Machine Specifications

Controller type	FANUC 31i-B5 Plus
X – axis travel (saddle: right/left)	500 mm
Y – axis travel (table: back/forth)	480 mm
Z – axis travel (Spindle head: up/down)	460 mm
B – axis travel (table tilting angle)	-30 to 120 deg
C – axis travel (table turning angle)	360 deg
Table (pallet) size	φ350 mm
Maximum workpiece weight	200kg
Spindle taper	7/24 taper No. 40 (Two-surface locking type)
Spindle speed	100 ~ 15,000 min ⁻¹
Rapid speed X/Y/Z	63 / 63 / 63 m/min
Rapid speed B/C	60 / 100 min ⁻¹
Maximum tool weight	8 kg
Magazine capacity	60 tools
Size	W 2375 / D 3125 / H 3195
Total Power Consumption	61kVA
Machine Weight	8500kg



NIDEC MACHINE TOOL

ZI25A-G

- A generating gear grinding process for internal and external gears
- High efficiency, high precision grinding of mass produced ring gears
- Continuous grinding of external gears even with close interferences

Machine Specifications

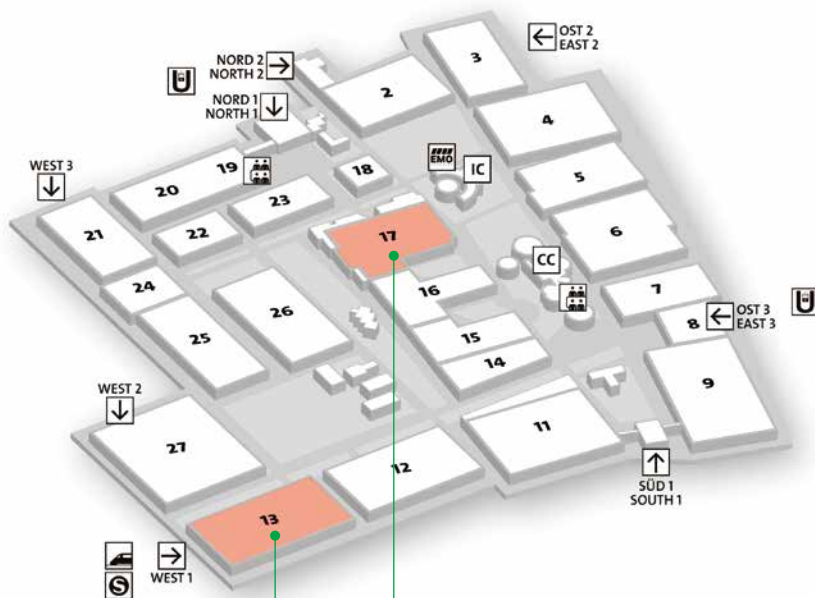
Part MAX OD (clamping part)*	φ250 mm
Part MAX Module	1-3
Wheel Grinding Wheel OD	φ50 – 120 mm
Wheel Grinding Wheel Head Swivel Angle	±40 deg
Wheel MAX Spindle Rotation	15,000 min ⁻¹
Table Diameter	φ200 mm
Table MAX Rotation	6000 min ⁻¹
Dresser Spindle Motor (cont.)	25 kW
Dresser Types	Dressing Gear / Profile Disc Dresser (optional)
NC axes	7 (8)
Size	W 4747 / D 5200 / H 2835 mm
Total Power Consumption	120 kVA
Machine Weight	12,000 kg



NIDEC MACHINE TOOL Precision Cutting Tools

Large helical broaches, hob cutters, and shaving cutters for automotive applications

Booth Locations



HALL13 B01
PAMA

HALL13 D02
NIDEC OKK
NIDEC MACHINE TOOL

HALL17 B44
TAKISAWA

NIDEC OKK **Europe GmbH**

Hansemannstr. 33
41468 Neuss, Germany
+49 (0) 2131 298 680
nokg.info@nidec.com



Nidec Drive Technology **Europe GmbH**

Machine Tool Division
Ludwigstr. 9
80539 Munich, Germany
+49 (0) 89 12 50 30 780
machinetool-europe-sales@nidec.com

