

**Nidec**  
All for dreams

5-axis Horizontal Machining Center

# HX500

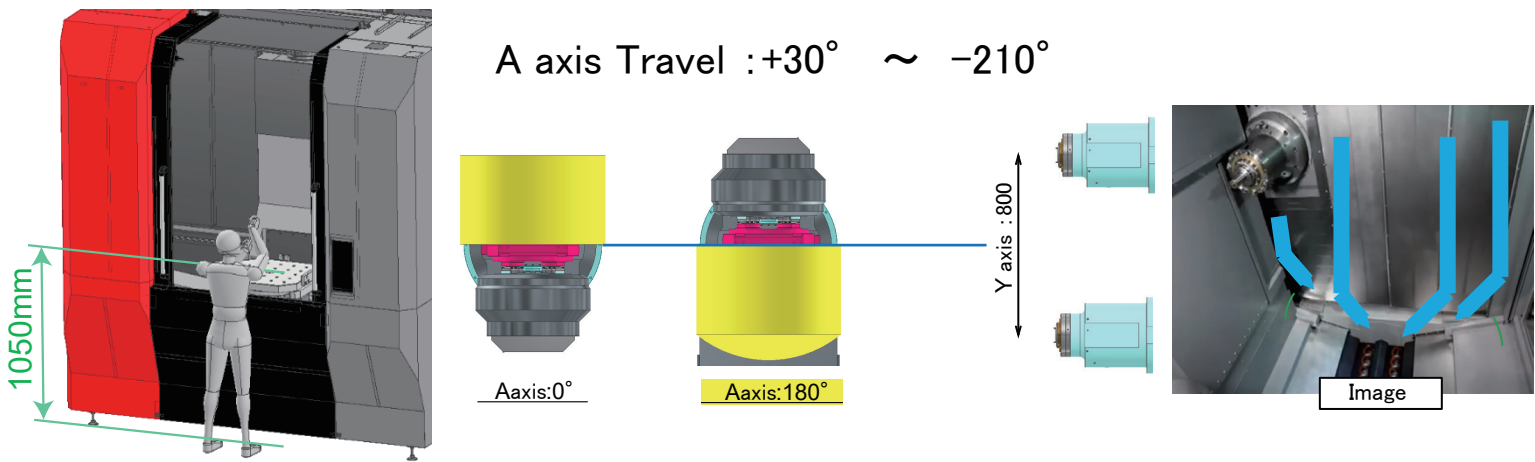


[www.nidec.com/jp/nidec-okk/](http://www.nidec.com/jp/nidec-okk/)

**NIDEC OKK CORPORATION**

# Horizontal 5 Axis HX 5000

Nidec OKK' s unipue pallet change mechanism !



**Great workpiece loading**  
Pallet surface height is 1,050mm (41.34") at the loading station with our unique APC design

**Improved chip evacuation**  
A machine structure designed for smooth chip ejection—featuring an expanded A-axis rotation range—enables continuous machining even in an inverted position. Additionally, the center trough

## Standard specifications

Item	Unit	Specifications
Travel on X axis (Column: right/left)	mm	700
Travel on Y axis(Spindle head: up/down)	mm	800
Travel on Z axis (Pallet: back/forth)	mm	780
Travel on A axis (Pallet tilting/head tilting)	deg	+ 30 ~ - 210
Travel on B axis (Pallet turning)	deg	360
table (pallet) work surface area	mm	□500
Max. workpiece weight loadable on table(pallet)	kg	350
Spindle speed	min-1	100~15000
Spindle nose(Nomlnal number)		7/24taper NO.40 Two-face contact type
Rapid traverse rate (XYZ)	m/min	X / Y / Z : 65
Rapid traverse rate (AB)	min-1	A : 50 B : 100
Cutting feed rate (XYZ)	mm/min	X / Y / Z : 1~40000
Cutting feed rate (AB)	deg/min	A / B : 0.1~1,800
Tool storage capacity	tools	60
Maximum tool dlameter (Adjacent tool aballable)	mm	φ 75
Maximum tool dlameter (no adjacent tools)	mm	φ 170
Maximum tool length(from the gauge line)	mm	430
Maximum tool weight	kg	12
Machine height	mm	2845
Requled floor space	mm	2600 × 5620(Lift-up chip conveyor specifications)

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