



Mycenter-HX300iG



Mycenter-HX250iG

MYCENTER® iG SERIES
MACHINING CENTERS

HIGH PRODUCTION SMALL PART MACHINING

Quality Craftsmanship – Made in Japan

Small Footprints but Big on Cutting Power!

Only Kitamura offers Solid Construction with Craftsmanship in Hand Scraping in such a space saving compact HMC design. These HMC's offer increased productivity with ultra-high speeds, unmatched accuracy and rigid, precise cutting power.

Compact • Lowest Cost • Perfectly Spec'd HMC's

Kitamura Machinery Co., Ltd. (Japan HQ)
Kitamura Machinery of USA, Inc. (U.S. HQ)
Kitamura Machinery GmbH (Düsseldorf)

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**Ultra-Compact
Footprints
#30 Taper/#40 Taper**

**World's Fastest
Rapid/Cutting Feeds
60m/min (2,362ipm)**

**Lowest Cost HMC's
Biggest Work
Envelopes**

**2-Station APC with
High Speed 4th Axis
Rotary Table
DD Motor Driven**

**Up to 30,000rpm
Spindle Speeds!**



Craftsmanship in Hand Scraping

Arumatik-Mi



512GB Program Storage
250,000 x More than the Market Standard!



Smart Fixturing and Work Holding Options

	<u>SPECIFICATIONS</u>	Mycenter-HX250iG		Mycenter-HX300iG	
Table	Table Size Maximum Table Load Max. Work Piece Diameter Max. Work Piece Height	254 x 254mm (10" x 10") 100kg (220Lbs.) Ø350mm (Ø13.8") 400mm (15.7")		305 x 305mm (12" x 12") 250kg (550Lbs.) Ø500mm (Ø19.7") 745mm (29.3")	
Travels	X-Axis Travel Y-Axis Travel Z-Axis Travel B-Axis Travel	305mm (12") 305mm (12") 330mm (13") 0-360°/Full 4 th Axis		460mm (18.1") 510mm (20") 560mm (22") 0-360°/Full 4 th Axis	
Spindle	Spindle Taper	NST #30 HSK-E40		NST #40	
	Spindle Speed	15,000min ⁻¹ 30,000min ⁻¹		15,000min ⁻¹ 20,000min ⁻¹	
	Drive Method	Direct Drive Built-In		Direct Drive Built-In	
	Spindle Motor AC/15 min	11kW (15HP) 18kW (24.5HP)		22kW (30HP) 22kW (30HP)	
Feed	Rapid Feed X, Y, Z Cutting Feed Rate X, Y, Z Rapid Feed (B Axis)	60m/min (2,362ipm) 60m/min (2,362ipm) 108,000 deg./min (300min⁻¹)		60m/min (2,362ipm) 60m/min (2,362ipm) 45,000 deg./min (125min⁻¹)	
APC	Number of Pallets	2 APC (10 Opt.)		2 APC	
ATC	Tool Storage Capacity	40T (52/102 Opt.)		50T (100/150/200 Opt.)	
	Tool Selection Method	Random bi-Directional, Fixed Pot		Random bi-Directional, Fixed Pot	
	Tool Holder Style	BT 30 (30k/HSK-E40)		CT (BT) 40	
	Max. Tool Dia.	Ø50mm (Ø2.0") Ø75mm (Ø3.0")		Ø95mm (Ø3.7") Ø150mm (Ø5.9")	
	With Adjacent Pots Empty	200mm (7.9")		350mm (13.78")	
	Max. Tool Length	2kg (4.4 Lbs.)		10kg (22 Lbs.)	
Max. Tool Weight	1.2 Seconds		1.3 Seconds		
Tool Change Time (T-T)					
Control	Arumatik-Mi	Touch Screen Icon Operation • Super High Speed Processing			

Accuracy ±0.002mm (±0.000079")/FULL STROKE • **Repeatability** ±0.001mm (±0.000039")

kitamura-machinery.com

