



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 4<sup>th</sup> 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>	<b>Mycenter-HX250iG</b>		<b>Mycenter-HX300iG</b>	
<b>Table</b>	Table Size Maximum Table Load Max. Work Piece Diameter Max. Work Piece Height	254 x 254mm (10" x 10") 100kg (220Lbs.) <b>Ø350mm (Ø13.8")</b> <b>400mm (15.7")</b>		305 x 305mm (12" x 12") 250kg (550Lbs.) <b>Ø500mm (Ø19.7")</b> <b>745mm (29.3")</b>	
<b>Travels</b>	X-Axis Travel Y-Axis Travel Z-Axis Travel B-Axis Travel	305mm (12") 305mm (12") 330mm (13") 0-360°/Full 4 <sup>th</sup> Axis		460mm (18.1") 510mm (20") 560mm (22") 0-360°/Full 4 <sup>th</sup> Axis	
<b>Spindle</b>	Spindle Taper	NST #30      HSK-E40		NST #40	
	Spindle Speed	15,000min <sup>-1</sup>	30,000min <sup>-1</sup>	15,000min <sup>-1</sup>	20,000min <sup>-1</sup>
	Drive Method	Direct Drive	Built-In	Direct Drive	Built-In
	Spindle Motor AC/15 min	11kW (15HP)	18kW (24.5HP)	22kW (30HP)	22kW (30HP)
<b>Feed</b>	Rapid Feed X, Y, Z Cutting Feed Rate X, Y, Z Rapid Feed (B Axis)	<b>60m/min (2,362ipm)</b> <b>60m/min (2,362ipm)</b> <b>108,000 deg./min (300min<sup>-1</sup>)</b>		<b>60m/min (2,362ipm)</b> <b>60m/min (2,362ipm)</b> <b>45,000 deg./min (125min<sup>-1</sup>)</b>	
<b>APC</b>	Number of Pallets	2 APC (10 Opt.)		2 APC	
<b>ATC</b>	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)					
<b>Control</b>	<b>Arumatik-Mi</b>	Touch Screen Icon Operation • Super High Speed Processing			

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

[kitamura-machinery.com](http://kitamura-machinery.com)

