



MYCENTER HX500iG

HIGH PRODUCTION 500mm MACHINING

Quality Craftsmanship – Made in Japan

Only Kitamura's Solid Box Way construction offers the benefits of excellent vibration damping and smooth motion properties for assurance of long-term quality, precision and reliability. In house induction hardening of box ways = total process control.

Heavier Cutting • Better Finishes • Longer Tool Life

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

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#40, 20,000rpm
#50, 8,000/12,000rpm
Gear Driven Spindles

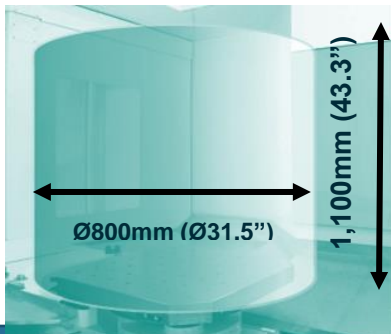
World's Fastest
Rapid Feed Rates on
Solid Box Ways
60m/min (2,362ipm)

High Speed 4th Axis
Rotary Table
DD Motor Driven

Hi-Resolution Scale
Feedback
X, Y, Z & 4th Axes

- **Twin Ballscrew Design (X & Y Axes)**
- **Max. Cutting Torque 1225.9 N•m (904.2 ft-lbs)**

DEALER STICKER HERE



Extra Large Work Envelope



Ease of Operation

Arumatik-Mi



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

	<u>SPECIFICATIONS</u>	Mycenter-HX500G#40	Mycenter-HX500G#50
Table	Table Size Maximum Table Load Max. Work Piece Diameter Max. Work Piece Height	500 x 500mm (19.7" x 19.7") 800kg (1,760Lbs.) Ø800mm (Ø31.5") 1,100mm (43.3")	
Travels	X-Axis Travel/Twin Ballscrew Y-Axis Travel/Twin Ballscrew Z-Axis Travel B-Axis Travel	870mm (34.3") 800mm (31.5") 930mm (36.6") 0-360°/Full 4 th Axis - DD Motor Driven	
Spindle	Spindle Taper Spindle Speed Drive Method Spindle Motor AC/15 min	NST #40 20-20,000min ¹ Gear Drive-4 Step 22kW (30HP)	NST #50 35-12,000min ¹ (8,000 Opt.) Gear Drive-4 Step 40kW (53HP)
Feed	Rapid Feed X, Y, Z Cutting Feed Rate X, Y, Z	60m/min (2,362ipm) 60m/min (2,362ipm)	
APC	Number of Pallets	2 APC (8/14/21 Opt.)	
ATC	Tool Storage Capacity Tool Selection Method Tool Holder Style Max. Tool Dia. With Adjacent Pots Empty Max. Tool Length Max. Tool Weight Tool Change Time (T-T)	50T (62/100/150/200 Opt.) Random bi-Directional, Fixed Pot CT (BT) 40 (HSK-A63 Opt.) Ø95mm (Ø3.7") Ø170mm (Ø6.7") 600mm (23.6") 10kg (22 Lbs.) 1.3 Seconds	50T (62/100/150/200 Opt.) Random bi-Directional, Fixed Pot CT (BT) 50 (HSK-A100 Opt.) Ø125mm (Ø4.9") Ø300mm (Ø11.8") 600mm (23.6") 30kg (66 Lbs.) 2.1 Seconds
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

