



Mycenter-HX630G



Mycenter-HX800G

**MYCENTER® G SERIES**  
MACHINING CENTERS

## **HEAVY-DUTY #50 630/800mm 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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**#50, 8,000/12,000rpm  
Gear Driven Spindles**

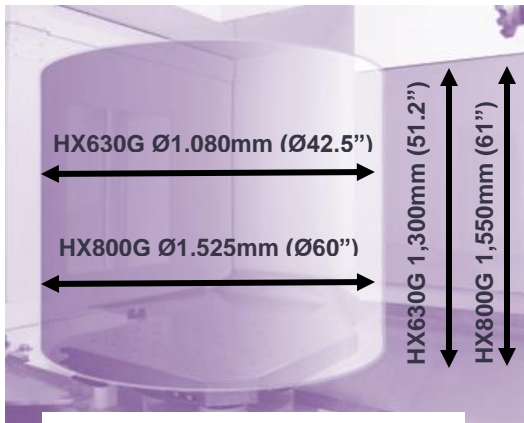
**World's Fastest  
Rapid Feed Rates on  
Solid Box Ways!  
60m/min (2,362ipm)**

**Twin Ballscrew Design  
(X, Y, Z Axes)**

**Hi-Resolution Scale  
Feedback  
X, Y, Z & 4<sup>th</sup> Axes**

- **Larger Work Envelope than the Competition**
- **Max. Cutting Torque 1225.9 N•m (904.2 ft-lbs)**

DEALER STICKER HERE



Extra Large Work Envelopes



Solid Column Construction

**Arumatik-Mi**



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

	<u>SPECIFICATIONS</u>	<b>Mycenter-HX630G</b>	<b>Mycenter-HX800G</b>
<b>Table</b>	Table Size Maximum Table Load Max. Work Piece Diameter Max. Work Piece Height	630 x 630mm (24.8" x 24.8") 1,500kg (3,300Lbs.) <b>Ø1,080mm (Ø42.5")</b> <b>1,300mm (51.2")</b>	500 x 500mm (19.7" x 19.7") 3,000kg (6,600Lbs.) <b>Ø1,525mm (Ø60.0")</b> <b>1,550mm (61.0")</b>
<b>Travels</b>	X-Axis Travel/Twin Ballscrew Y-Axis Travel/Twin Ballscrew Z-Axis Travel/Twin Ballscrew B-Axis Travel	1,100mm (43.3") 920mm (36.2") 1,050mm (41.3") 0-360°/Full 4 <sup>th</sup> Axis	1,550mm (61.0") 1,300mm (51.2") 1,400mm (36.6") 0-360°/Full 4 <sup>th</sup> Axis
<b>Spindle</b>	Spindle Taper Spindle Speed Drive Method Spindle Motor AC/15 min	NST #50 35-12,000min <sup>-1</sup> (8,000min <sup>-1</sup> Opt.) Gear Drive-4 Step 40kW (53HP)	
<b>Feed</b>	Rapid Feed X, Y, Z Cutting Feed Rate X, Y, Z	<b>60m/min (2,362ipm)</b> <b>60m/min (2,362ipm)</b>	
<b>APC</b>	Number of Pallets	2 APC (6/8/14/21 Opt.)	2 APC (6/8/14 Opt.)
<b>ATC</b>	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) 50 (HSK-A100 Opt.) Ø125mm (Ø4.9") Ø320mm (Ø12.6") 650mm (25.6")      ≤ Ø125mm (Ø4.9") = 800mm (31.5") ≥ Ø125mm (Ø4.9) = 650mm (25.6") 30kg (66 Lbs.) 2.1 Seconds	
<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

