

# Put Punch in Your PRODUCTION

**KITAMURA®**  
Machining Challenges-Simplified®

**MYCENTER®**  
**4XV** Vertical Machining Center

Install a Mycenter-4XV and that small amount of floorspace will become the most productive in your shop! This VMC is simply amazing. Power, speed, capacity and a host of performance features including Kitamura's exclusive Arumatik® Mi Pro CNC . . . the Mycenter-4XV's got it all!

**Check out these value-driven performance features:**

- Powerful, High Speed, 41HP 15,000min<sup>-1</sup> Dual Contact Spindle
- Class-Leading High Capacity 40 Tool ATC, #40
- Thermally Stable Rigid Meehanite Cast Construction
- Compact Space-Saving Design - Only a 3,039 x 2,293mm (119.6" x 90.3") Footprint. Truly the Size of a 30" machine
- Spacious and Ergonomic Work Envelope

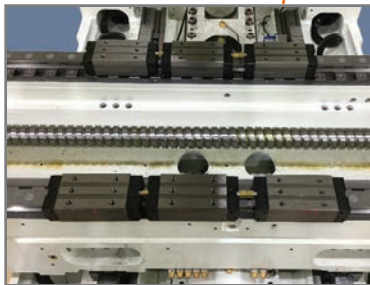
*Synchronized two piece door actuated by scissor mechanism.  
Standard Door Interlock for safety*

*40T ATC Standard! Rear loading station for easy maintenance*

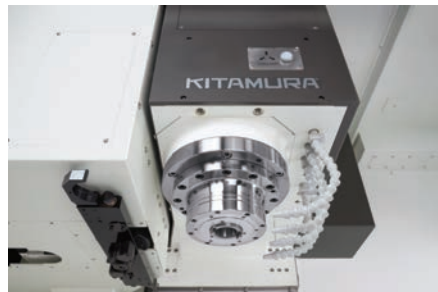


*Standard Lift Up Conveyor can be positioned on either left or right-hand side of the machine*

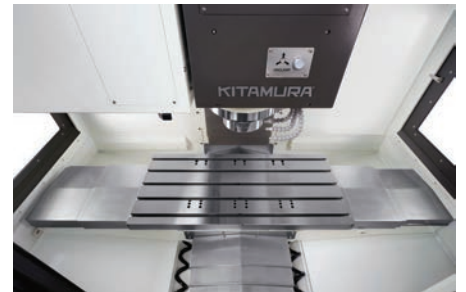
*Arumatik®-Mi Pro Advanced CNC Controller offers a swivel panel for operator convenience*



**3-Block, Double Roller LM Guide System**  
*Ultra-super-high rigidity.  
Long term smooth motion operation.*



From roughing to fine finishing, the Mycenter-4XV easily cuts a wide variety of materials. It brings a whole new dimension to VMC versatility.



Large Ergonomic Work Envelope with Smooth Chip Flow

- Base Wash Coolant
- Dual Internal Chip Augers
- X & Z Axes are Completely Covered

# Arumatik-Mi Pro CNC Controller

The Mycenter-4XV is equipped with the latest, state-of-the-art Kitamura Arumatik®-Mi Pro CNC Controller. Feature packed with high speed machining functions second to none, the Arumatik®-Mi Pro offers up to 16x faster processing speeds when compared to today's conventional controls.

## MYCENTER® 4XV SPECIFICATIONS

### Table

Table Size	500 x 1,120mm (19.7" x 44.1")
T-Slot (Width x Qty.)	18mm (0.71") x 5
Max. Table Load	1,000kg (2,200 lbs.)

### Travels

X-Axis Travel	1,020mm (40.2")
Y-Axis Travel	510mm (20.1")
Z-Axis Travel	510mm (20.1")
Distance from Table Top to Spindle Nose	100 to 610mm (3.9" to 24.0")

### Spindle

Spindle Taper	#40 NST
Spindle Speed	15,000min <sup>-1</sup> Built-In
Spindle Motor	31kW (41HP) AC/2 min 25kW (33HP) AC/Cont.

### Feed

Rapid Feed X,Y	52m/min (2,047ipm)
Rapid Feed Z	48m/min (1,890ipm)
Cutting Feed Rate X, Y, Z	20m/min ( 787ipm)

### ATC

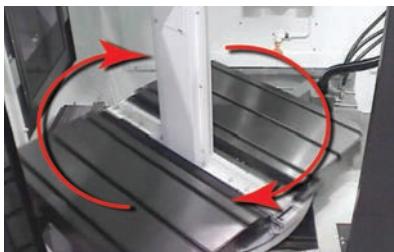
Tool Storage Capacity	40 Tools - CT 40
Tool Selection Method	Memory Random
Max. Tool Size (Dia. x L) With Adjacent Tool Pots Empty	Ø75mm x 300mm (Ø3.0" x 11.8") Ø150mm x 300mm (Ø5.9" x 11.8")
Max. Tool Weight	7kg (15.4 lbs.)
Tool Change Time (T-T / C-C)	2.2 seconds / 4.2 sec min.

### Machine Dimensions

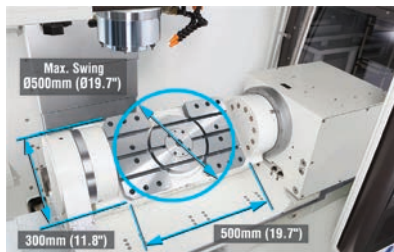
Floor Space (W x D)	3,039 x 2,293mm (119.6" x 90.3") - Super Compact!
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Specifications subject to change without notice.

## Check Out Our Entire V-Series Machine Line Up!



Mycenter®-2XVSP 2APC



Mycenter®-3XVT 4+1 Machining



Mycenter®-3XV Ultra Compact VMC

## Control Standard Features

- Large 15" Touch Screen Color LCD
- 1680 Block Look-Ahead
- 2,800 Block Per Second Processing Speed
- High-Speed, High-Accuracy Control
- Super Smooth Surface (SSS) Control
- Work Coordinate Offsets – 54 Sets
- 1280 Meters Memory
- USB Memory Interface and Ethernet I/F for Faster and Smoother Program Transfer
- Macro Variable, 700 Sets
- Tool Offset, 400Pcs, 6 Digits
- 3-Dimensional Tool Radius Compensation
- Helical Interpolation
- Circular Interpolation
- Optional Block Skip
- Inverse Time Feed
- Alarm Guidance

