



## ARIX HIGH SPEED CENTER SERIES

E-machines for affordable  
high speed centers



ARIX **DV250**

**V450 V800 V1000**

*ARIX Always Meet Your High Speed Machining Demands.*

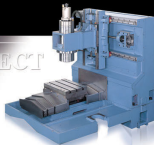
[www.arix.com.tw](http://www.arix.com.tw)



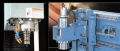
## DV250 Powerful Mini High Speed Centers

Can Cut Steel even in small Office

COMPACT & PERFECT



- Occupy only 1 by 1.5 meter Small Space.
- Powerful Cutting Capability from Built-in BT30 Spindle.
- Very Quiet Machining from All Built-in Spindles.
- Designed for Mini Part, Watch parts and Jewellery Machining.
- The High Speed Center for Hardened Steel Insert and Copper electrodes.



## Mini DV250 Series

Powerful Mini High Speed Centers

Capability is Same as BT30 Machining Center in limited space.



### Specifications of DV250

(1) Optional

Table	Working Area T slots	210mm x 250mm 10mm x 82mm x 3
Travel	X, Y & Z Center to Column Max. to Table	250mm x 250mm x 250mm 125mm 125-325mm
Spindle	Spindle Taper Spindle Speed Spindle Power	BT30 15,000 / 24,000RPM 0.5 / 0.8KW
ATC	ATC Type Tool number Max. size Tool	Ultrashort 6 sets 60 x 100mm
Transverse	Rapid Servo Motors	10M / MIN X, Y 0.75KW, Z 1KW
Dimension	Dimension W x D x H Weight	1050mm x 630mm x 2000mm 1,500KGS

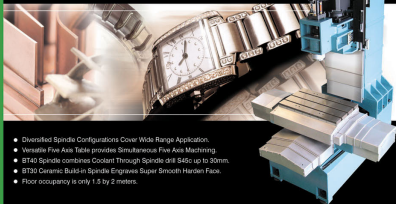
\*Specifications and designs are subject to change without notice\*





## V450 Universal Five Axis High Speed Centers

Cut the most complicated parts



- Diversified Spindle Configurations Cover Wide Range Application.
- Versatile Five Axis Table provides Simultaneous Five Axis Machining.
- BT40 Spindle combines Coolant Through Spindle drill S45c up to 30mm.
- BT30 Ceramic Build-in Spindle Engraves Super Smooth Harden Face.
- Floor occupancy is only 1.5 by 2 meters.

## Universal V450 Series

Powerful Compact High Speed Centers

Covers 3D Complicated Profile and Five Axis Machining.

### Specifications of V450

(2 is Optional)

Table	Working Area T-slot Load Capacity	300mm x 310mm 14mm x 100mm x 3 2000KG
Travel	Stroke (X x Y x Z) Center to Column Max. to Table	450mm x 330mm x 250mm (Z 410MM) 410mm 150-350mm
Spindle	Spindle Taper Spindle Speed Spindle Horse Power	BT30/BT40 10,000RPM/12,000/15,000 (24,000RPM) 5.5/7.5kW
Transverse	Rapid X, Y axis Rapid Z axis Max. Feed Servo Motor Power	20M/MIN 10M/MIN (2000 MM) 1000MM 10W (20W)
Accuracy	Positioning accuracy Repeatability	±0.01mm 0.01mm
Machine	Dimension W x D x H Weight Power source	1500mm x 2200mm x 1900mm 2000KG 15KVA

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## V800 High Speed Machining Centers

Finish the accurate mould in half of the time done on the conventional VMC.

COMPACT & PERFECT



- The machine Robust Frame with HSM Controller Provides the Best Finished Parts.
- Built-in Cooling System Reduces the Thermal deformation to minimum.
- BT40-15,000RPM Build-in Spindle Covers both Finish and Heavy Duty cut.
- Suitable for Accurate Parts Production with Tech-in function Controller.

## V800 Series

High Speed Machining Centers

Gives the High Performance on Part Machining.

### Specifications of V800

(Optional)

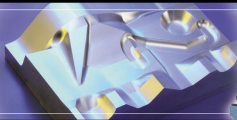
Table	Working surface T-slot Load Capacity	500mm x 810mm 10mm x 125mm x 3 5000GS
Travel	X, Y & Z Center to Column Base to Table	500mm x 500mm x 540mm 254mm 150-500mm
Spindle	Spindle Taper Spindle Speed Spindle Power	BT40 10,000RPM 7.5KW
Transverse	Rapid X, Y axis Rapid Z axis Max Feed Servo Motor power	20M/MIN 10M/MIN (20M/MIN) 10M/MIN 1KW (2KW)
Machine	Dimension W x D x H Weight Power source	2100mm x 2300mm x 2477mm 5000GGS 30KVA

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## V1000 Cost Effective High Speed Mould Making Centers.



- Both BT40 and BT50 Spindle are Possible.
- Big Y-axis Travel up to 650mm cut the largest part Among Similar models.
- Rigid base keep the Better and Stable Accuracy on the Finished Mould.

## V1000 Series

High Speed Machining Mould Making Centers  
Cut the Accurate Mould in Shorter Time.

### Specifications of V1000

( ) Optional

Table	Working surface 3-axis Load Capacity	800mm x 1200mm 10mm x 100mm x 5 800KG
Travel	X & Y & Z Center to Column Rise to Table	1600mm x 650mm x 510(610)mm 100mm 180 ~ 800mm
Spindle	Spindle Taper Spindle Speed Spindle Power	BT40/BT50 12,000RPM 10KW
Transverse	Rapid X, Y axis Rapid Z axis Max Feed Servo Motor power	24M/MIN 18M/MIN 10M/MIN 2KW
Machine	Dimensions W x D x H Weight Power source	2450mm x 2100mm x 2200mm 6000KG 3ØV/4

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