

VERTICAL CENTER UNIVERSAL 400A 5X

PRODUCT: VERTICAL MACHINING CENTERS



MACHINE DESCRIPTION:

The space-saving VERTICAL CENTER UNIVERSAL (VCU) 400 5X vertical machining center with a 5-axis rotary/tilt table brings advanced technology and production value to high-precision small parts processing for a variety of industries.

MACHINE CHARACTERISTICS:

- Small footprint and easy installation
- Perfect for processing small, complex workpieces
- Roller gear cam technology on rotary/tilt table eliminates backlash
- Rigid, powerful spindle comes in various maximum speed options
- MX Hybrid Roller Guide System offers rigidity, speed and accuracy
- 20-tool and 30-tool magazines feature automatic tool changers
- Simple and efficient chip management helps reduce downtime
- MATRIX 2 CNC Control provides optimized 5-axis machining
- Accommodates articulated robots to automate load/unload operations

Machine Specifications

Specification		Values
Capacity	Maximum Workpiece Diameter	400 mm / 15.740 in
	Maximum Workpiece Height	305 mm / 12.000 in
Spindle	Spindle Taper	40
	Maximum Speed	10000 rpm
	Motor Output (30 minute rating)	11 kw / 15.0 hp
Magazine	Number of Tools	30
Rotary Axes	Spindle Tilt (B axis)	140 degrees
	Table Indexing (C axis)	360.0000 degrees
Feed Axes	Travel (X Axis)	505 mm / 19.88 in
	Travel (Y Axis)	400 mm / 15.75 in
	Travel (Z Axis)	510 mm / 20.07 in

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