

VMX30Ui

The integrated trunnion table design provides more clearance in Z-axis and the ability to machine heavier parts compared to 3-axis mills with trunnion table added.

- › Solid one-piece cast iron frame optimized with both static and dynamic Finite Element Analysis (FEA)
- › Yaskawa Sigma V Digital AC Servos
- › 2 or 4 passage rotary unions for hydraulics and/or air
- › Electric, side-mounted, 40-Station swing-arm ATC
- › Full Enclosure with wide front access doors and fully contained tool storage
- › Dual LED work lights
- › Angular encoders for rotary axes
- › Pistol-style coolant and air guns
- › WinMax Mill Conversational and NC Programming
- › 5-axis/5-sided software features – Tool Path Linearization, Tool Center Point Management, Transform Plane, 3-D Tool Compensation, Tool Vector Input & Retract, Shortest Angular Traverse
- › Ergonomically designed MAX5 console with twin 19” LCD screens
- › Robust control specifications (standard) – 2.7GHz Dual Core Processor, 4GB RAM Memory, 128GB Solid State Hard Drive
- › Z-axis regenerative brake – no counterbalance

CAPACITY	X, Y, Z Axis Travel	30 x 20 x 20.5 in (762 x 508 X 520 mm)
	A, C Axis Travel	+30°/-110°, 360° (+30°/-110°, 360°)
	Spindle Nose to Table (Min/Max)	3.5 in / 24 in (90 mm / 610 mm)
	Table Size	9.8 in diameter (248 mm diameter
	Max. Weight on Table	440 lbs (200 kg)
	T-Slot Size	6 x .48 in x 60° (6 x 12 mm x 60°)
SPINDLE	Peak Spindle Motor	18 hp @600 rpm (13.4 kW @600 rpm)
ATC	Number of Tools	40
	Tool Type	CAT, BT, DIN 40
	Max. Tool Diameter	3.0 in (76 mm)
	Max. Tool Length	11.8 in (300 mm)
	Max. Tool Weight	15.4 lb (7 kg)
FEEDRATE	Max. Programmable Feedrate	1,260 inches/minute (32 m/minute)
	Rapid Traverse X, Y, Z Axis	1,496 in/min, 1,496 in/min, 1,260 in/min (38 m/minute, 38 m/minute, 32 m/minute)
	Machine Weight	11,640 lbs (5,280 kg)