

VM30i

The VM series of 3-axis machining centers features a small footprint with a large work cube. No other mill packs as much productivity into such an efficiently designed package.

- › Solid cast iron frame
- › One-piece machine base
- › 50 x 20 x 20 in (1,270 x 508 x 508 mm) travels
- › 52 x 20 in (1,321 x 508 mm) table, 2,000 lbs (907 kg) capacity
- › 10,000 RPM spindle
- › 20 hp (15 kW) peak spindle
- › CAT 40 tooling
- › Brushless AC Servos
- › Larger, heavy-duty linear rails on all three axes
- › Mounted to a machined shoulder for increased rigidity
- › Strategically spaced for increased strength
- › Wedge locked to a machined shoulder to reduce vibration instead of faster, cheaper face-milled process
- › Electric, side-mounted, 20-station, swing-arm ATC
- › 2.5 second tool-to-tool ATC time
- › Wider table extends across the entire Y-axis, which provides the flexibility needed to produce a high mix of parts
- › Table moves completely forward in the work cube for easy operator access
- › Yaskawa Sigma 5 drives
- › LED lighting shines brighter and saves energy
- › MAX5 ergonomically designed console with 19" LCD screen
- › WinMax Mill Conversational and Industry Standard NC programming

CAPACITY	X, Y, Z Axis Travel	50 x 20 x 20 in (1,270 x 508 X 508 mm)
	Spindle Nose to Table	24 in (609.6 mm)
	Table Size	52 x 20 in (1,321 x 508 mm)
	Max. Weight on Table	2,000 lbs (907 kg)
	T-Slot Size	5 x .71 in (5 x 18 mm)
SPINDLE	Peak Spindle Motor	20 hp / 15.0 kW @ 1,450
	Torque: 10,000 rpm	75 ft-lbs / 102 Nm @ 1,450 rpm
ATC	Number of Tools	20
	Tool Type	CAT 40
	Max. Tool Diameter	3.5 in (90 mm)
	Max. Tool Length	9.8 in (250 mm)
	Max. Tool Weight	15.4 lb (7 kg)
FEEDRATE	Max. Programmable Feedrate	945 in/minute (24 m/minute)
	Rapid Traverse X, Y, Z Axis	945 in/minute (24 m/minute)
	Machine Weight	9,339 lb (4,245 kg)