


VMX42i

3-AXIS MACHINING CENTER

Our signature line of VMX machining centers takes machining to the next level. These machines deliver high performance capabilities to any machining application. Whether you are doing batch production or die/mold work, the VMX mills will make you more profitable.



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VMX42I MACHINE SPECIFICATIONS

TRAVELS & CAPACITY

X, Y, Z Axis Travel	42 x 24 x 24 in (1,067 x 610 x 610 mm)
T-Slot Size	5 x .71 in (5 x 18 mm)
Max. Weight on Table	3,850 lb (1,750 kg)
Table Size	50 x 24 in (1,270 x 610 mm)
Spindle Nose to Table	6.0 in (152 mm)

SPINDLE

Max. Spindle Speed	12,000 rpm
Spindle Power (peak - 1 min)	24 hp (18 kW)
Spindle Torque (peak - 1 min)	175 ft. lbs @ 1450 rpm (237 Nm @ 1450 rpm)

TOOL CHANGER

Tool Type	CAT 40 / Big Plus® (CAT or BT 40)
Number Of Tools	40
Max Tool Diameter	3.1 in (80 mm)
Max Tool Length	11.8 in (300 mm)
Max Tool Weight	15.4 lb. (7 kg)

FEEDRATES

Rapid Traverse X,Y,Z Axis	1,181, 1,181, 787 in/min (30, 30, 20 m/min)
Max Programmable Feedrate	787 in/min (20 m/min)

SIZE

Max. Operating Floor Space	152.1 x 146.4 in (3,864 x 3,719 mm)
Machine Height	114.8 in (2,917 mm)
Machine Weight	14,872 lb (6,760 kg)

Optimum machine performance is reliant upon installation conditions at the facility, such as power supply, air supply, and ambient air conditions. Information may change without notice.



