

VMX60SRTi

The SR series of 5-axis CNC mills offers multiple advantages, starting with the machine's design configuration that utilizes a swivel head with either an A or C style rotary table.

- › Direct drive, embedded, C-axis, rotary torque table
 - Provides additional 3.5 inches in Z-axis to support taller parts
 - Embedded rotary table design increases working surface of machine table (66 x 26 inches) to support secondary operations and or 3-axis work
 - Unlimited angular movement: reduces cycle time
 - Stout table: supports heavier parts
- › 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
- › 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
- › Robust control specifications (standard) – 2.7GHz Dual Core Processor, 4GB RAM Memory, 128GB Solid State Hard Drive

CAPACITY	X, Y, Z Axis Travel	60 x 26 x 24 in (1,524 x 660 x 610 mm)
	B, C Axis Travel	+/- 90°, 360°
	Spindle Nose to Table (Min/Max)	.50 in / 24.5 in (12.7 mm / 622.3 mm)
	Table Size	66 x 26 in (1,676 x 660 mm)
	Table Size C	23.6 in diameter (600 mm diameter)
	Max. Weight on Table	3,000 lbs (1,360 kg)
	Max. Weight on Rotary/Trunnion Table	1,100 lbs (500 kg)
	T-Slot Size	5 x .71 in (5 x 18 mm)
SPINDLE	Peak Spindle Motor	48 hp @ 2,900 rpm (36.5 kW @ 2,900 rpm)
	Torque: 12,000 rpm	87 ft lbs @ 2,900 rpm (118 Nm @ 2,900 rpm)
ATC	Number of Tools	40
	Tool Type	CAT, BT, DIN 40
	Max. Tool Diameter	2.95 in (75 mm)
	Max. Tool Length	9.8 in (250 mm)
	Max. Tool Weight	15.4 lb (7 kg)
FEEDRATE	Max. Programmable Feedrate	945 in/min (24 m/min)
	Rapid Traverse X, Y, Z Axis	1,260 in/min, 1,260 in/min, 945 in/min (32 m/minute, 32 m/minute, 24 m/minute)
	Machine Weight	20,000 lb (9,091 kg)