

# V-Mill 620.5X CNC · 24" x 20" x 18" 5-Axis Vertical Machining Center



Our V-Mill X CNC 5-axis mills feature massive gantry structures which consists of a base frame, double racks and a stable crossbeam to ensure high rigidity and cutting performance. The cooled ballscrews combined with high quality linear roller guides are above standard specs. A Generously sized worktable with a diameter of Ø 650 mm (25"), max. table load – 300 kg (660 lbs), and powerful high-speed spindle with ceramic bearings results in a superior milling surface. The 32 tool magazine makes for flexible milling and drilling applications. Includes ground ball screws with minimum backlash.



## Standard Configuration:

- Heidenhain TNC 640
- Remote Handwheel
- Full Guarding
- AC for Elect Cabinet
- Auto Lubrication
- Coolant Gun
- Air Gun
- Scrapper type chip conveyor
- LED work light
- Hydraulic system
- Spindle Oil Cooler
- 3 Color program lights
- Leveling bolts
- Tool Kit
- Operational Manual

## Specifications

CNC Control		Heidenhain TNC 640	
Table Diameter	mm	Ø650 (25")	
T-Slot (size x qty x dist.)	mm	18 x 5 x 100 (0.7x5x3.9")	
Table Inclination Angle	°	-50 °/+110 °	
C-Axis Rotating Range	°	360 °	
Max Table Load	kg	0°	300 (660 lbs)
	kg	90 °	200 (440 lbs)
Spindle Taper		BBT 40	
Speed	rpm	12000	
Axis Travel	mm	X	620 (24")
		Y	520 (20")
		Z	460 (18")
Spindle-Table Distance	mm	150~610 (5.9~24")	
Cutting Feed Rate	M/min	1~15 (39~509"/min)	
Rapid Traverse-x/y/z axes	M/min	36 (1417"/min)	
Tool Magazine		32	
Max Tool Diameter	mm	Full: Ø75 (3")	
		Empty: Ø130 (5")	
Main Spindle Motor	kW	10/12.5 (13.5/17 Hp)	
Dimensions	mm	2200x3320x3100 (87x131x122")	
Weight	kg	2300 (5,060 lbs)	

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