



Vertical machining center VF-Mill A

General purpose VMCs with travels from 30" to 60"

- High-quality HIWIN linear guides in all axes
- Heavy meehanite cast body for optimal vibration damping
- Ball screw drive of accuracy class 3
- Main spindle bearings from NSK or FAG
- Powerful main spindle (ROYAL / Cells) with belt drive, 10,000 rpm



Standard configuration

- Fully closed splash guard
- Belt drive spindle 10,000 rpm
- 24 station double arm tool changer
- Air-conditioned control cabinet
- Rigid Tapping
- USB, CF card, Ethernet
- Automatic central lubrication system
- Coolant system
- Oil separator
- LED work lights
- End of program light
- Electronic handwheel (MPG)
- Tool box
- Leveling screws and bolts
- Coolant gun
- Air pistol
- Chip flushing system
- Operation Manual

Optional configuration

- BT 50 / CAT 50
- Spindle speed 12,000 rpm, direct drive
- Spindle cooling system
- Cooling through the spindle
- Chain chip conveyor
- 4/5th axis
- Tool and workpiece measurement

Specifications	VF-MILL A				
	7L	9L	11L	13L	15L
	30" x 18"	35" x 21"	43" x 21"	51" x 23"	59" x 30"
Travels - X/Y/Z Axis	mm 760/450/520 (30/17.7/20.5")	900/600/600 (35.4/23.6/23.6")	1100/600/600 (43.3/23.6/23.6")	1300/650/600 (51.1/25.5/23.6")	1500/760/700 (59/29.9/27.5")
Spindle-table distance	mm 100-620 (3.9-24.4")		150-750 (5.9-29.5")		130-830 (5.1-32.6")
Spindle-column distance	mm 517 (20.35")	652 (25.6")		697 (27.4")	802 (31.5")
Table dimensions (W/L)	mm 900x420 (35.4x16.5")	1060x600 (41.3x23.6")	1200x600 (47.2x23.6")	1500x650 (59x25.5")	1700x700 (66.9x27.5")
T-Slots Size/Qty/Dist	mm 14x3x125 (0.55x3x4.9")	18x5x100 (0.7x5x3.9")			18x6x100 (0.7x6x3.9")
Max. table load	kg 500 (1,100 lbs)	800 (1,750 lbs)	1000 (2,200 lbs)	1200 (2,600 lbs)	1500 (3,300 lbs)
Speeds	rpm 10,000				
Spindle taper	BT 40 / CAT 40				
Rapid feed rate X/Y/Z	m/min 48 (1890"/min)	36 (1,420"/min)		36/36/24 (1420/1420/940"/min)	24 (940"/min)
Cutting feed rate	mm 1-12,000 (0.04-472"/min)				
Number of tools	pcs 24 station arm-type				
CNC Controller	Fanuc Oi-MF				
Main spindle motor	kW 15 (20 Hp)		18.5 (25 Hp)		
Positioning	mm +/- 0.008/300 (+/- 0.0003"/12")			+/- 0.010/300 (+/- 0.0004"/12")	
Repeatability	mm +/- 0.006 (+/- 0.00015")				
Dimensions (L/W/H)	mm 3250x2710x2900 (128x107x114")	3845x2320x3120 (151x91x129")		4025x3090x3185 (158x122x125")	5180x2365x3170 (204x93x125")
Weight	kg 4500 (9,900 lbs)	6300 (13,800 lbs)	6500 (14,330 lbs)	8000 (17,600 lbs)	10000 (22,000 lbs)
Item No.	6430008	6430009	6430010	6430011	6430012

*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.