KAAST

V-Mill

1300 | 1350

Vertical Machining Center 51x21x22'' to 53x25x26''

STANDARD CONFIGURATION

- FANUC 10.4" Color LCD Display
- Spindle Oil Chilling
- Spindle Taper Air Blow
- Chip Conveyor
- Rigid Tapping
- Electrical Handwheel (MPG)
- Electrical Cabinet Heat Exchange
- Auto Power Off
- Automatic Lubrication

OPTIONAL CONFIGURATION

- CNC Controller Options
- Glass Linear Scales
- Electrical Cabinet Air Conditioner
- Renishaw Probes
- 4/5th-Axis Tilting Rotary Table
- 36/60 (1350 Only) Tool Magazine
- Oil Mist Collector
- Through-Spindle Coolant

The V-Mill series features an exceptionally **rigid and stable base frame**, ensuring minimal vibration for superior part quality. Precise **3-Axis movement** enables intricate machining and tight tolerances. Equipped with **powerful spindles** offering industry-standard taper options, these machines excel in both aggressive cutting and delicate finishing.

V-Mill		1300	1350
		51" x 21" x 22"	53" x 25" x 26"
Controller		FANUC 0i-MF	
Travels - X/Y/Z-Axis	mm	1300/540/560 (51/21/22")	1350/640/660 (53/25/26")
Spindle-Table Distance	mm	75-595 (3–23.5")	100-760 (4-30")
Spindle-Column Distance	mm	550 (21.7")	640 (25")
Table Dimensions (W/L)	mm	1450x480 (57x19")	1500x600 (59x23.6")
T-Slots Size/Qty/Dist	mm	18x5pc.x80 (0.7x5x3.15")	18x5pc.x100 (0.7x5x3.9")
Max. Table Load	kg	1300 (2,870 lbs)	1800 (3,970 lbs)
Speeds	rpm	12,000	
Spindle Taper		BT40 / CAT40	
Rapid Feed Rate X/Y/Z	m/min	40/40/25 (1570/1570/980"/min)	33/33/25 (1300/1300/980"/min)
Cutting Feed Rate X/Y/Z	m/min	12/12/10 (470/470/395"/min)	12/12/12 (470/470/470"/min)
Number of Tools	#	28 [Opt. 36]	28 [Opt. 36, 60]
Main Spindle Motor	kW	26 (35 Hp)	
Positioning	mm	+/- 0.01 (+/- 0.0004")	
Repeatability	mm	+/- 0.001 (+/- 0.00004")	
Dimensions (L/W)	mm	3870x2240 (153x88")	3870x2500 (153x98")
Weight	kg	7050 (15,560 lbs)	8440 (18,600 lbs)
Item No.		6530023	6530024

SPINDLE

Features excellent low inertia and balanced construction, ensuring efficient acceleration. A direct drive spindle is also available as an option. It delivers ultra high-horsepower, providing precise power transmission.

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