



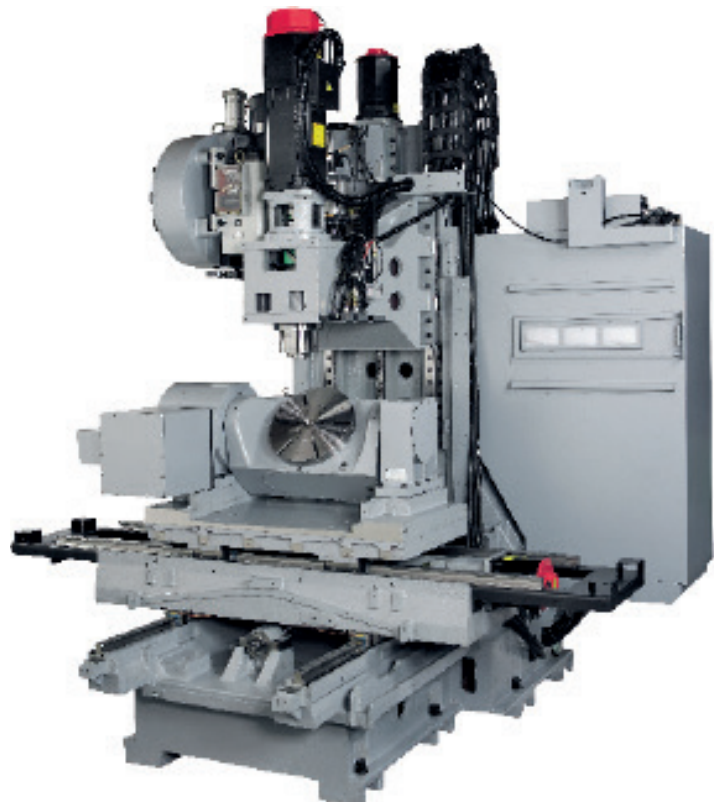
CNC 5 Axes Vertical Machining Center A-Mill 350.5X • 500.5X



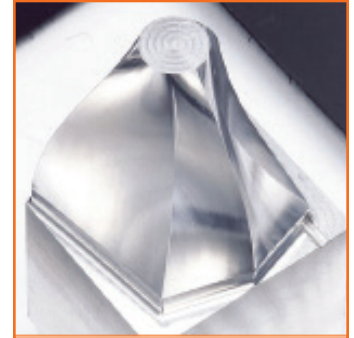
- Meehanite cast structure keeps long-term accuracy
- Rotary table and integral 5 axes saddle
- MANUAL GUIDE i 3D
- Spindle Speed: 12000/15000 rpm
- Direct drive system
- Max. workpiece: Ø630x450 mm (24.8x17.7")
- 5 Axis and high-speed spindle (12,000–15,000rpm) for high quality machining of complex parts
- Laser aligned for pinpoint accuracy
- Very high contour accuracy for high-speed milling
- 42 m/min (1,650"/min) rapid feed

Standard configuration

- | | |
|---------------------------------------|-----------------------------|
| ✓ RS-232 Port | ✓ 10.4" Color LCD monitor |
| ✓ Rigid tapping | ✓ Coolant system |
| ✓ Heat exchanger for electric cabinet | ✓ Spindle air gun |
| ✓ Spindle oil cooling | ✓ Chip conveyor |
| ✓ Lubrication system | ✓ Coolant gun |
| | ✓ Three-color warning light |



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



Optional configuration

- Upgrade to 32-position turret
- Oil-coolant skimmer
- Data server 128MB
- Oil mist collector
- Glass linear scale (Heidenhain)
- Chip conveyor and chip cart
- Coolant through spindle
- Transformer

Specifications			A-Mill 350.5X 28" + 5 axis	A-Mill 500.5X 39" + 5 axis	
CONTROL	Controller		Fanuc 3li		
	Speeds	rpm	12000 [opt. 15000]		
SPINDLE	Spindle nose taper		BT 40		
	Bearing inner diameter	mm	70 (2.8")		
	Drive system		Direct		
TRAVELS	Axis travel	X	mm	700 (27.6")	1000 (39.4")
		Y	mm	550 (21.7")	650 (25.6")
		Z	mm	450 (17.7")	470 (18.5")
		A	deg		+120
		C	deg		360
TABLE	Max. speed of rotary axis (C-axis)	rpm	25	33	
	Max. speed of tilting axis (A-axis)	rpm	25		
	Max. table loading at 0°	kg	300 (660 lbs)	500 (1,100 lbs)	
	Max. table loading at 90°	kg	250 (550 lbs)	400 (880 lbs)	
	Spindle-table distance	mm	120–570 (4.7–22.4")	120–590 (4.7–23.2")	
	Table dimensions	mm	Ø 350 (13.8")	Ø 600/500 (23.6/19.7")	
	Max. workpiece size	mm	Ø 550/430 (21.7/16.9")	Ø 630/450 (24.8/17.7")	
T-slots	mm	14 (0.55")			
FEED RATES	Rapid traverse – X/Y/Z axes	m/min	42/42/30 (1650/1650/1180"/min)	30/30/30 (1180/1180/1180"/min)	
	Cutting feed rate	m/min	12 (472"/min)		
	Ball screw diameter	mm	Ø 45 (1.8")		
	Guideway type		Roller		
ATC	Number of tools	#	24		
	Max. tool weight	kg	7 (15.4 lbs)		
	Max. tool diameter	mm	80 (3.1")		
	Max. tool diameter (empty pockets)	mm	150 (5.9")		
	Method of tool exchange		Arm type		
MOTOR	Max. tool length	mm	300 (11.8")		
	Spindle motor power (30 min)	kW	11 (15 Hp)		
	Feed motor: X/Y/Z axes	kW	3/3/4 (4/4/5 Hp)		
DIMENSIONS	Dimensions (L/W/H)	mm	2700x2200x3200 (106x87x126")	3000x2200x3200 (118x87x126")	
	Weight	kg	7500 (16,500 lbs)	9000 (19,800 lbs)	
Item No.			6710250	6710251	

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