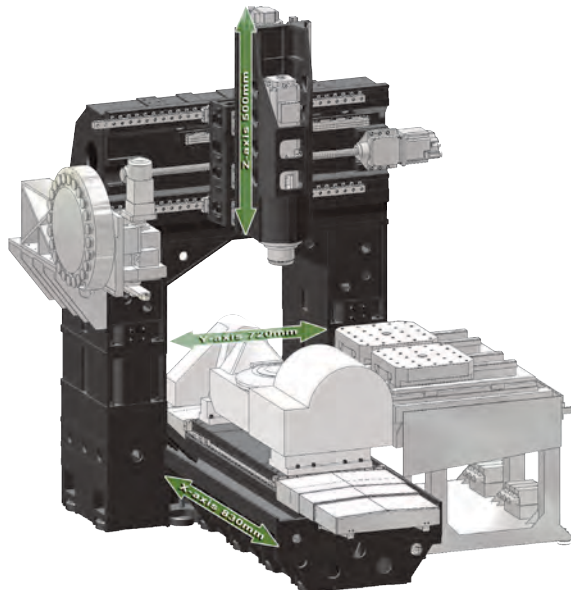




CNC 5-axis vertical machining center

V-Mill 600.5X CNC

32x28x19"



Specifications			V-Mill 600.5X CNC
			32" x 28" x 19"
CNC control			Heidenhain iTNC 530
Travels	X	mm	820 (32")
	Y	mm	750 (28")
	Z	mm	500 (19")
Table diameter		mm	Ø600 (23")
Table bore diameter		mm	Ø50 (1.9") H7
Floor-table height		mm	1160 (45")
Min. increment		deg	0.001°
Table inclination angle		deg	-120°/+30°
Max. table load	0°	kg	500 (1,100 lbs)
	90°	kg	400 (880 lbs)
Spindle taper			BT 40
Speed		rpm	15000
Spindle-table distance		mm	15-515 (0.6-20")
Cutting feed rate		m/min	20 (780"/min)
Rapid traverse - X/Y/Z axes		m/min	45 (1,770"/min)
Tool magazine		#	30
Max. tool diameter		mm	Ø75 (2.9")
Max. tool length		mm	300 (11.7")
Max. tool weight		kg	7 (15 lbs)
Coolant tank		l	280 (74 gal)
Air pressure		kg/cm ²	7
Main spindle motor		kW	11/17 - 50/108 Nm (15/24 Hp - 50/80 ft·lb)
Power of axis drive motor	X	kW	8.6 (11.5 Hp)
	Y	kW	5.6 (7.5 Hp)
	Z	kW	5.1 (6.5 Hp)
	A	kW	8.6 (11.5 Hp)
	C	kW	3.1 (4 Hp)
Power consumption		kW	55
Dimensions (L/W/H)		mm	4410x3880x3270 (172x151x127")
Weight		kg	13400 (29,480 lbs)
Item No.			6530003

- Massive gantry structure ensures high rigidity and cutting performance
- Cooled ballscrews paired with high-quality linear roller guides
- Generously sized worktable with a diameter of Ø600 mm (23"), max. Table load - 400 kg (880 lbs)
- Powerful, high-speed spindle with ceramic bearings for superior milling surface
- 30 tool magazine for flexibility



Universal-type turntable



Table rotary mechanism



Tool magazine



Coolant supply system



Spindle

Standard configuration

- Heidenhain iTNC 530 CNC control with 2 additional functions
- 30-position turret
- Chip conveyor
- Glass linear scales for A/C-axes
- Automatic lubrication
- Spindle oil cooling
- Automatic lubrication of spindle bore
- Coolant system
- Air cooler for electric cabinet
- Internal cooling of all ballscrews
- Spindle oil cooling
- Work light
- Operation manual

Optional configuration

- Work piece measurement, Renishaw OMP 60, mechanical
- Automatic pallet changer
- Faster spindle motor, 24000 rpm, HSK-63A (Nm 20/36) (15/27 ft·lb)
- Coolant through spindle, 20/80 bar (280/150 psi)
- Siemens or Fanuc CNC control

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