



CNC vertical lathe V-Turn B CNC

For high speed turning



- 4-position tool post is standard
- Main spindle drive up to 45 kW (60 Hp)
- Gear ratio up to 50,000 N torque

Standard configuration

- Siemens 802D SL CNC control
- 4-post toolholder
- Electrical handwheel (MPG)
- Complete enclosure
- Work light
- Automatic lubrication
- Coolant system
- Heat exchanger for electric cabinet
- Three-color warning light
- Full-enclosed way covers
- Spindle air gun
- Tool kit
- Operation manual

Optional configuration

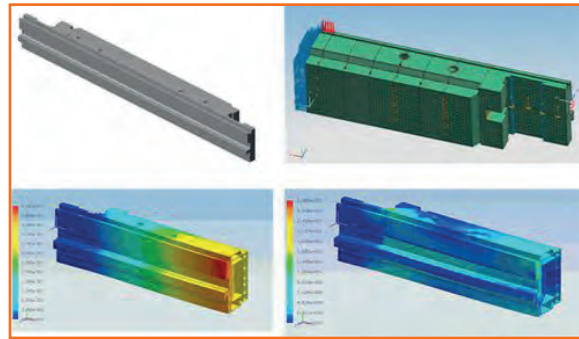
- Fanuc CNC control
- 3-jaw hydraulic chuck
- 4-jaw hydraulic chuck
- Oil/air cooling
- ATC
- Chip conveyor
- C-axis with driven tools
- Complete enclosure
- Toolholders (various)

Specifications	V-Turn B				
	1250 CNC 4' swing	1600 CNC 5' swing	2000 CNC 6' swing	2300 CNC 7' swing	2600 CNC 8' swing
Max. workpiece diameter	mm 1250 (49")	mm 1600 (63")	mm 2000 (79")	mm 2300 (91")	mm 2600 (102")
Table diameter	mm 1000 (39")	mm 1400 (55")	mm 1800 (71")	mm 2000 (79")	mm 2250 (89")
Max. workpiece height	mm 1000 (39")	mm 1200 (47")	mm 1400 (55")		mm 1600 (63")
Max. workpiece weight	kg 3500 (7,700 lbs)	kg 5000 (11,000 lbs)	kg 8000 (17,600 lbs)		kg 10000 (22,000 lbs)
Table speed	rpm 2-250	rpm 2-200	rpm 2-120		rpm 2-80
Gear stages	steps 4-speed gearbox, stepless				
Max. torque	N 17,000	N 25,000	N 40,000		N 50,000
Travel horizontal RAM	mm 850 (33")	mm 1020 (40")	mm 1115 (44")	mm 1400 (55")	mm 1500 (59")
Travel vertical RAM	mm 750 (29.5")	mm 800 (31")	mm 1000 (39")		
Toolholder	electric 4-post				
Tool shank dimensions	mm 32x32 (1.26x1.26")	mm 40x40 (1.57x1.57")			
Main drive motor	kW 37 (50 Hp)		kW 45 (60 Hp)		
Weight	kg 9000 (19,800 lbs)	kg 15000 (33,000 lbs)	kg 16000 (35,200 lbs)	kg 22000 (48,400 lbs)	kg 30000 (66,000 lbs)
Item No.	1530050	1530051	1530052	1530053	1530054

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



- High machine rigidity as a result of quality casting HT300
- Heavy ribbed pillar with wide flat guides ensures maximum stability with very good damping properties
- Precision ballscrew for X and Y-axes
- Hydraulic compensation cylinder instead of a counterweight for the tool
- Asymmetrical work pieces can be easily clamped using the 4-jaw faceplate chuck
- Good accessibility of the working area makes tooling, set up, and unloading easier



Specifications		V-Turn B				
		3100 CNC	4000 CNC	5000 CNC	8000 CNC	10000 CNC
		10' swing	13' swing	16' swing	26' swing	32' swing
Max. workpiece diameter	mm	3100 (122")	4000 (157")	5000 (197")	8000 (315")	10000 (394")
Table diameter	mm	2830 (111")	3600 (142")	4300 (169")	6300 (248")	7200 (283")
Max. workpiece height	mm	2000 (79")	2000 (79")	3150 (124")	5000 (197")	
Max. workpiece weight	kg	10000 (22,050 lbs)	32000 (70,550 lbs)		100000-400000 (220,450-881,850 lbs)	
Table speed	rpm	1-80		1-63		1-20
Gear stages	steps	4-speed gearbox		2-speed gearbox		
Max. torque	N	63,000	100,000		460,000	500,000
Travel horizontal RAM	mm	1600 (63")	2165 (85")	2800 (110")	4300 (169")	5300 (209")
Travel vertical RAM	mm	1000 (39")	1000 (39")	1600 (63")	2500 (98")	
Toolholder	Left tool post is manual, right tool post is CNC					
Main drive motor	kW	55 (74 Hp)	55 (74 Hp)	75 (100 Hp)	75 (100 Hp)	90 (120 Hp)
Weight	kg	45000 (99,210 lbs)	65000 (143,300 lbs)	75000 (165,350 lbs)	270000 (595,250 lbs)	310000 (683,430 lbs)
Item No.		1530070	1530071	1530072	1530073	1530074

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