



VTL500 VTL600 CNC Vertical Turning Lathe



Features of VTL500 VTL600 Vertical CNC Lathe

1. FANUC 0i Mate-TD; compact structure, rigid spindle component and good for heavy cutting. Easy to chuck and remove, workpiece roundness and other precision are ensured.
2. VTL500 VTL600 Vertical CNC Lathe turret on the slide moves along longitudinal or cross rails.
3. There are three cross rails to support the slide.
4. Different handles, electric buttons and CRT displayer are all on the same rocking panel for easy operation.
5. VTL500 VTL600 Vertical CNC Lathe adopts totally sealed guard. Back side chip removal conveyor.

Standard equipments of VTL500 VTL600 CNC Vertical Turning Lathe

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| 1. 8-station hydraulic tool post; | 2. Solid 3-jaw hydraulic chuck; |
| 3. FANUC servo motor of X/Z axis; | 4. FANUC main motor; |
| 5. Solid hydraulic oil cylinder; | 6. Hydraulic system; |
| 7. Linear guide of X/Z axis; | 8. Coolant pump; |
| 9. Automatic lubrication system; | 10. Total-sealed guard; |
| 11. Automatic chip conveying system; | 12. Work light; |

Specifications of VTL500 VTL600 Vertical CNC Lathe

Model		VTL500	VTL600
CNC system		FANUC 0i Mate-TD	FANUC 0i Mate-TD
Capacity	Max. swing diameter	Φ530mm (20.8")	Φ650mm (25.6")
	Max. cutting diameter	Φ500mm (20")	Φ600mm (23.6")
	Max. height of turning	430mm (16.9")	600mm (23.6")
Chuck	Solid hydraulic chuck	305mm (12")	460mm (18")
Spindle	Spindle nose	A ₂ -8	A ₂ -8
	Front spindle bearing inner diameter	Φ120mm (4.7")	Φ140mm (5.5")
	Spindle speed range	100-2000rpm	100-2000rpm
	Steps of spindle speeds	Variable	Variable
Travel	Travel of X axis	-50;+250mm	-30;+300mm
	Travel of Z axis	450mm (17.7")	600mm (23.6")
Feed	Rapid feed of X axis	8m/min	10m/min
	Rapid feed of Z axis	10m/min	12m/min
Tool post	Type of tool stations	Hydraulic tool post	Hydraulic tool post
	Number of tool stations	8-position	8-position
	Tool shank size (square)	25x25mm (0.9"x0.9")	25x25mm (0.9"x0.9")
	Tool shank size (round)	Φ40mm (1.6")	Φ40mm (1.6")
Motor	Main motor	15/18.5 kW	18.5/22 kW
	Hydraulic pump motor	1.5 kW	1.5 kW
	Coolant pump power	200 W	370 W
	Overall dimensions (L x W x H)	1590x2670x2545mm	2365x2700x3200mm
	Net weight	4500kg	8000kg