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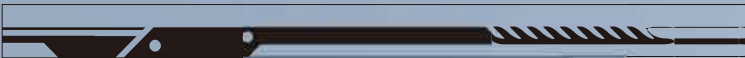


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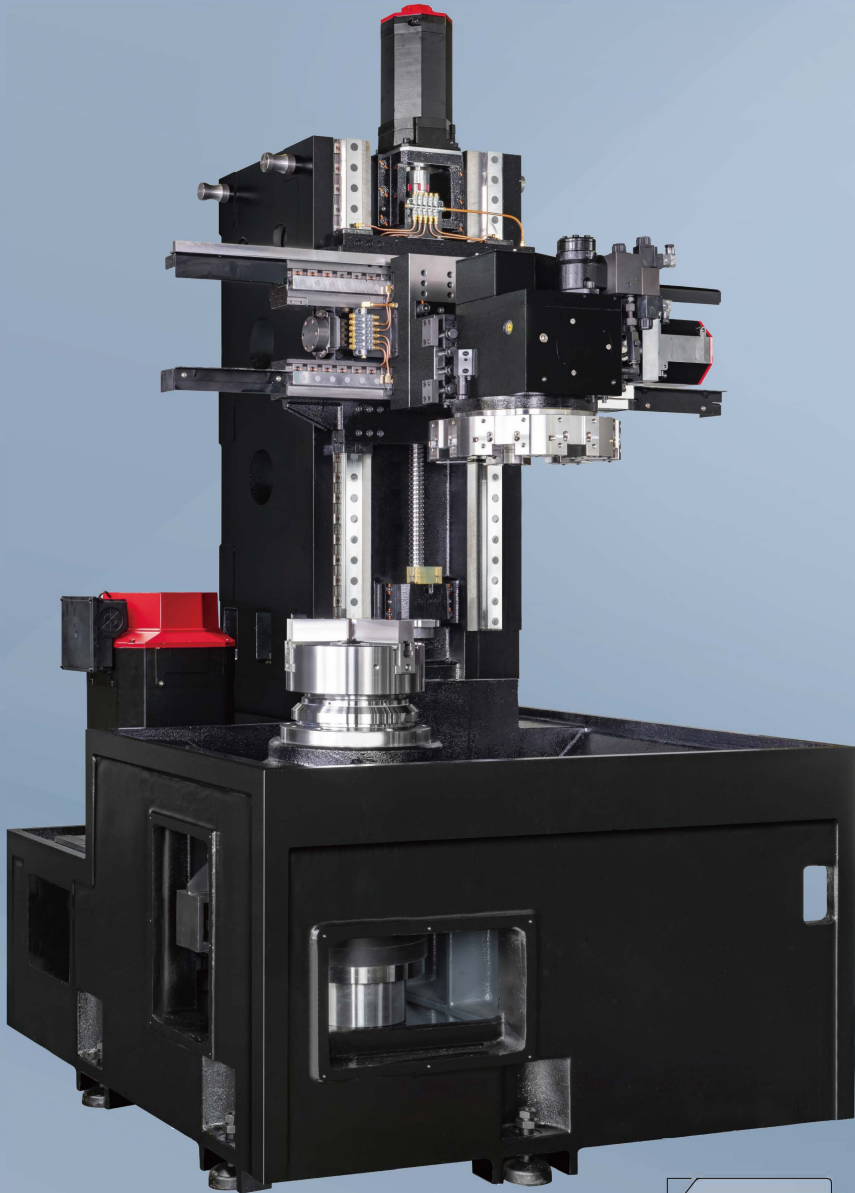


VTL-50 / VTL-70

VTL-90



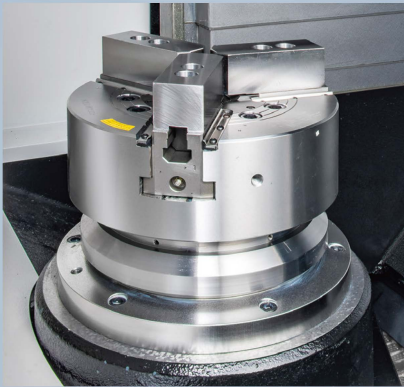
CNC Vertical Lathe



VTL-50

Machine Features

- Massive base and column structure ensures superb stability in heavy cutting.
- Heavy duty roller type linear guideways on X and Z axes provide outstanding resisting capacity for heavy loads.
- The machine comes with an 8-station hydraulic turret.
- Servo turret and power turret are optional.



Sturdy Headstock With Spindle

The dynamic balanced spindle is powered by a 15 HP motor. The inner bore of headstock casting is fine-bored to embrace the spindle cartridge firmly and precisely.



8-station Hydraulic Turret

- The hydraulic turret provides bi-directional random tool selection.
- The tool disk rotation is driven by a hydraulic motor, featuring smooth otions.

Machine Specifications



Model		UNIT	VTL-50	VTL-70	VTL-90
Capacity	Max. Swing diameter	mm	Ø650	Ø800	Ø1000
	Max. Turning diameter	mm	Ø550	Ø700	Ø900
	Max. Turning height	mm	500	600	800
	Max. work loading	kg	500	1000	1500
Spindle	Spindle nose	type	A2-8	A2-11	A2-11
	Max. Spindle speed	rpm	50~2500	50~2000	Low: 10~700 / High: 700~1500
	Chuck	Inch	12"	15"	24"
Axis Feed	X axis travel	mm	-40+350	-40+430	-50+530
	Z axis travel	mm	550	650	850
	Rapid feed- X/Z axis	m/min	12/24	12/20	12/20
Turret	Type		Hydraulic	Hydraulic	Hydraulic
	Number of tool stations	pcs	8	8	8
	Tool shank size	mm	□25, Ø40	□32, Ø50	□32, Ø50
Motor	Main spindle motor power	Kw	15/18.5	18.5/22	18.5/22
	Lubrication Pump	W	70	70	70
	Hydraulic oil pump	HP	2.2	2.2	2.2
	Coolant pump	Kw	0.55 *2	0.55 *2	0.55 *2
	Chip conveyor	Kw	0.2	0.2	0.2
	Power requirement	KVA	40	50	50
Ultilty	Hydraulic tank capacity	Liter	47	54	100
	Coolant tank	Liter	300	300	350
	Lubrication tank	Liter	2	2	2
	Air source	kg/cm ²	6	6	6
Machine Dimension	Length	mm	2850	4000	2100
	Width	mm	2000	2150	3500
	Height	mm	3100	3200	3900
	Weight	kg	6000	10000	13000

The manufacturer reserves the right to modify and/or update the design, specifications mechanisms, etc, to improve the performance of the machine. Specifications are subject to change without notice.

Standard Accessories

- Fanuc 0i-TF CNC controller system
 - Hydraulic chuck
(1 set of hard jaws, 1 set of soft jaws)
 - Foot switch
 - Hydraulic turret
 - Auto lubrication system
 - Coolant pump
 - Heat exchanger of electrical cabinet
- Steelbelt type chip conveyor
 - Program light
 - Work lamp
 - Face tool holder
 - ID tool holder
 - Boring bar bushing
 - Tool box
 - Leveling pads & screw

Optional Accessories

- Power turret (BMT)
 - Tool setter
 - Oil skimmer
 - Oil mist collector
 - Air conditioner for electrical cabinet
- Door interlock
 - Transformer
 - Auto door