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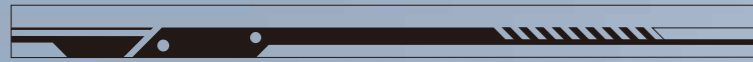
POWER & DETERMINATION

CNC Vertical Lathe VTL-1250/1600/2000

VTL-1250 / 1250M

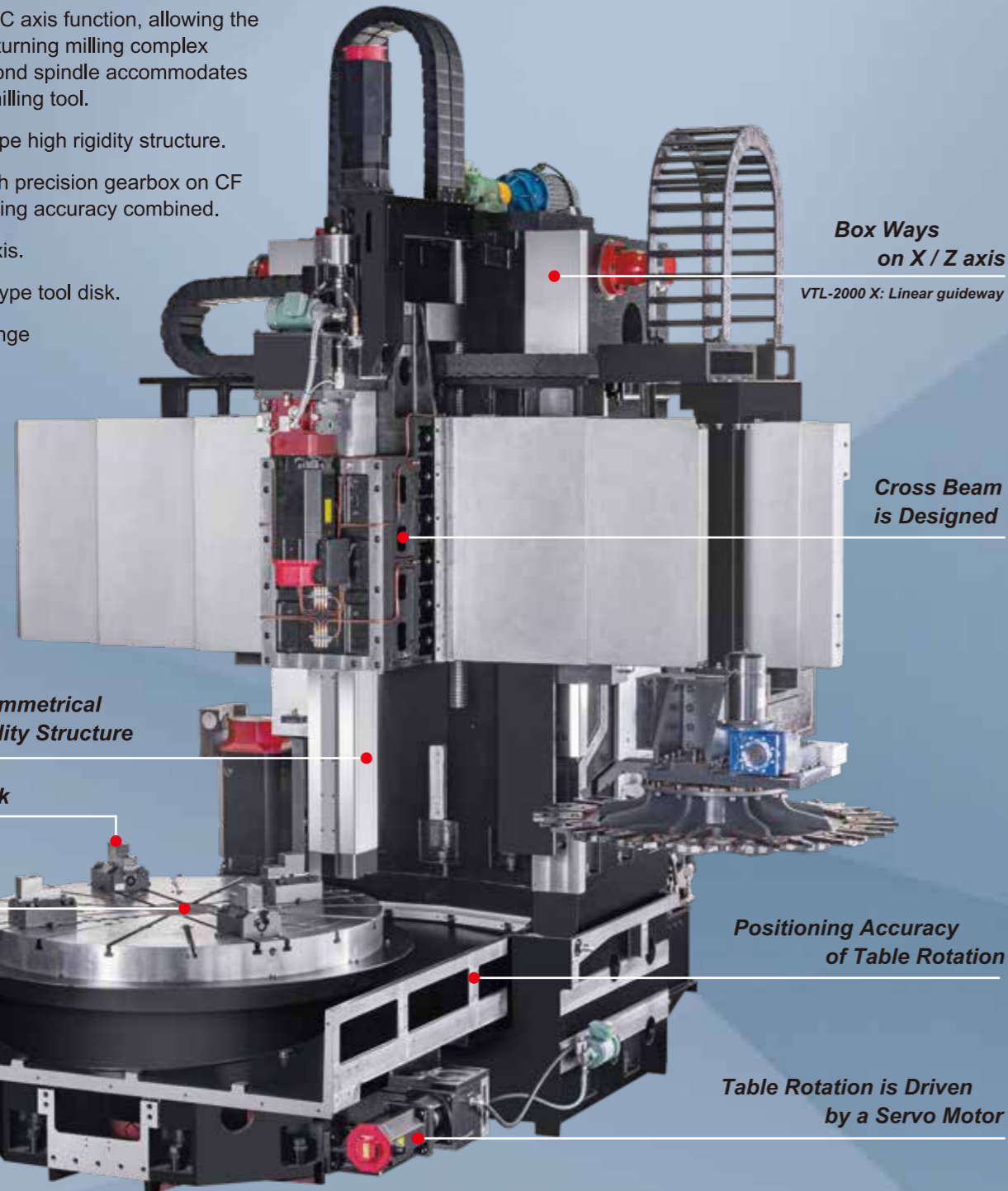
VTL-1600 / 1600M

VTL-2000 / 2000M



CNC Vertical Lathe

- The first spindle has C axis function, allowing the machine to perform turning milling complex operations. The second spindle accommodates fixed seat tool and milling tool.
- The column is box type high rigidity structure.
- With the use of a high precision gearbox on CF axis for high positioning accuracy combined.
- Box ways on X / Z axis.
- 12 position armless type tool disk.
- Two-step speed change for table rotation.



Box Ways
on X / Z axis

VTL-2000 X: Linear guideway

Cross Beam
is Designed

The Column is a Symmetrical
Box type High Rigidity Structure

Manual 4 Jaw Chuck

First Spindle

Positioning Accuracy
of Table Rotation

Table Rotation is Driven
by a Servo Motor

Machine Specifications

Model		VTL-1250	VTL-1250M	VTL-1600	VTL-1600M	VTL-2000	VTL-2000M
Working Table	Max. swing (Table)	Ø1600 mm		Ø2000 mm		Ø2500 mm	
	Max working dia.	Ø1350 mm		Ø1800 mm		Ø2300 mm	
	Max. turning length	1250 mm		1300 mm		1600 mm	
	Table loading	5000 kg		8000 kg		10000 kg	
Spindle	Nose spec.	BT-50					
	Transmission method	Gear box					
	Max. turning speed (2 steps)	Low : 1 ~ 118 rpm High : 119 ~ 350 rpm		Low : 1 ~ 63 rpm High : 63 ~ 250 rpm		Low : 1 ~ 50 rpm High : 51 ~ 200 rpm	
	Chuck	Ø1250 (4-Jaw)		Ø1600 (4-Jaw)		Ø2000 (4-Jaw)	
	C axis feedrate	N/A	4 m/min	N/A	4 m/min	N/A	4 m/min
	2 nd spindle speed	N/A	2400 rpm	N/A	2400 rpm	N/A	2400 rpm
	1 st spindle	37 / 45 kW				60 / 75 kW	
Motor	C axis	N/A	7 kW	N/A	7 kW	N/A	7 kW
	2 nd spindle	N/A	5.5 / 7.5 kW	N/A	7.5 / 11 kW	N/A	12 / 15 kW
Travel	X axis travel	-100 ~ +850 mm		-100 ~ +1100 mm		-1000 ~ +1400 mm	
	Z axis travel	900 mm				1200 mm	
	W axis travel	800 mm				1200 mm	
Feerate	X axis	12 m/min					
	Z axis	10 m/min					
ATC	Tool magazine	Armless type					
	Tool capacity	12	16	12	16	12	16
	Max. tool length	380 mm					
Dimension	Dimension	4600 x 4000 x 5424 mm		4280 x 4690 x 5510 mm		6850 x 4650 x 5500 mm	
	Weight	22000 kg	24000 kg	26000 kg	28000 kg	42000 kg	44000 kg

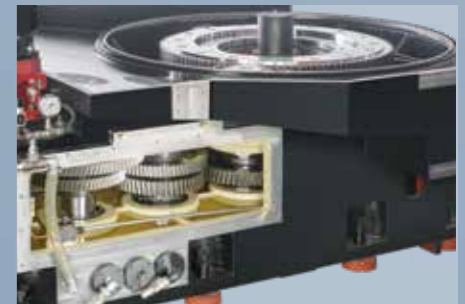
*The above machine specification is subject to change without previous notice due to the continuous improvement of R&D.



12 Position Armless
Type Tool Disk



Cross Beam is Designed



First Spindle Gear Box

Standard Accessories

- FANUC 0i-TF plus CNC control
- Foot switch
- Auto lubrication system
- Coolant pump
- Heat exchanger of electrical cabinet
- Steelbelt type chip conveyor

- Program light
- Working lamp
- Tool box with tools
- Leveling pads & screw
- 4 Jaws manual chuck
- Square guarding

Optional Accessories

- Oil skimmer
- Oil mist collector
- Air conditioner for electrical cabinet
- Door interlock
- Transformer
- Tool presetter
- Full enclosure guarding