



# VERTICAL CNC LATHE

VT400/VT600





# Outstanding Efficiency & Accuracy

## Machine Characteristics

- Standard 8-Station Turret – Stands up to versatile production requirements.
- Compact design, PLUS, square base casting minimizes floor space requirements and increases anti-vibration forces.
- High speed spindle unit with powerful servo drive motor – offers high speed finish cutting, AND low speed heavy duty cutting in the same compact machine.

## Advantages of the VT Series – Compared to a Horizontal CNC Lathe:

### VT Series Advantage

	NO	or	YES
Smallest floor space – required footprint?	/		✓ Footprint 50% Smaller
Easiest parts loading and unloading?	/		✓ Requires 50% Less Set-Up
Best parts machining roundness results?	/		✓ No deflection from gravity
Strongest foundation for heavy cutting?	/		✓ Twice the weight, power tripled
Best for turning complicated parts?	/		✓ Simpler clamping process

## SPECIFICATIONS

ITEM	Unit	VT400	VT600	
<b>Capacity</b>	Max. swing dia.	mm	φ 550	φ 750
	Max. cutting dia.	mm	φ 450	φ 600
	Max. cutting height	mm	400	600
<b>Chuck</b>	Chuck type		Hydraulic chuck	Hydraulic chuck
	Chuck size	inch	12"	15" * 18"
<b>Spindle</b>	Spindle speed	rpm	50-2500	50-2000
	Main motor power	kW	15*18	22
	Spindle nose		A2-8	A2-11
<b>Turret</b>	Turret type		Hydraulic turret	Hydraulic turret
	No. of tools	nos	8-station	8-station
	Tool shank size	mm	40X40	40X40
<b>Axis</b>	X/Z axis travel	mm	380/450	480/600
	X/Z axis rapid traverse	m/min	15/18	12/16
<b>Accuracy</b>	Positioning X/Z	mm	0.015/0.015	0.015/0.015
	Repeatability X/Z	mm	0.005/0.008	0.005/0.008
	Machining	IT	IT6	IT6
<b>Others</b>	Power consumption	kVA	22	28
	Dimension LxWxH	mm	1850X1700X2650	2500X2000X3300
	Weight	Kg	6300	11500

Note: "\*" means optional.

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