



 **HONOR SEIKI Co., Ltd.**

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YES! WE ARE HONOR!

CNC VERTICAL LATHE CNC VERTICAL TURNING CENTER

High precision. High efficiency. High durability. Perfection.

Heavy Duty Series

VL-300

VL-400

VL-500

VL-600

*Professional!
Heavy Duty!*



CE



ISO 9001:2000

 **HONOR SEIKI Co., Ltd.**

Best Solution for Variable Production Needs!



- Professional, high precision, efficiency, durability and performance.
- Excellent heavy duty cutting by high-torque spindle motor.
- Heavy-duty Cutting Improves the Productivity.

SPECIFICATIONS

Model / Description		Unit	VL-300C	VL-300CM	VL-400C	VL-400CM	VL-500C	VL-500CM	VL-600C	VL-600CM
Capacity	Max. swing diameter	mm	3600		4500		5500		6500	
	Max. turning diameter	mm	3600		4500		5500		6500	
	Distance from ram to table	mm	820-2320/820-3320		820-2320/820-3320		820-2320		820-2320	
	Max. turning height	mm	2000/3000		2000/3000		2000		2000	
	Max. workpiece weight	kg	20000		35000		60000		80000	
Spindle	Table diameter	mm	3000		4000		5000		6000	
	Range of table speed	rpm	1-120		1-85		1-50		1-20	
	Change gear speed	step	2-Step		2-Step		3-Step		3-Step	
	Spindle nose		-		-		-		-	
	Tool live spindle speed	rpm	-	50-2250	-	50-2250	-	50-2250	-	50-2250
ATC	ATC(Automatic Tool Change)	pcs	16	16,20,24	16	16,20,24	16	16,20,24	16	16,20,24
	Tool size	mm	□25,□32,□40		□25,□32,□40		□25,□32,□40		□25,□32,□40	
	Cross-section of ram	mm	300x300		300x300		300x300		300x300	
Feed	Rapid rate (X-Axis)	m/min	10		10		10		10	
	Rapid rate (Z-Axis)	m/min	10		10		10		10	
	Horizontal travel (X-Axis)	mm	+300+2000		+300+2450		+300+3000		+300+3500	
	Vertical travel (Z-Axis)	mm	1200/1500/1800		1200/1500/1800		1500/1800		1500/1800	
	Cutting feed rate	mm/min	2000		2000		2000		2000	
	Feed override	%	0-150		0-150		0-150		0-150	
	Cross-rail travel	mm	1500(250x6 Step)/2500(250x10 Step)		1500(250x6 Step)/2500(250x10 Step)		1500(250x6 Step)		1500(250x6 Step)	
CNC Controller Syetem			Fanuc Oi-T	Fanuc 18i-T	Fanuc Oi-T	Fanuc 18i-T	Fanuc Oi-T	Fanuc 18i-T	Fanuc Oi-T	Fanuc 18i-T
Siemens			802D	840D	802D	840D	802D	840D	802D	840D
Motor	Spindle motor (Cont. /30min)	kw	60/75/100		60/75/100		100/150		100/150	
	Feed motor (X/Z axis)	kw	5.5/5.5		5.5/5.5		5.5/5.5		5.5/5.5	
	Live tool motor	kw	-	AC15/18.5	-	AC15/18.5	-	AC15/18.5	-	AC15/18.5
Machine size	Floor space (LxW)	mm	8000x5500		9500x7000		10500x8000		12550x9000	
	Max. height (H)	mm	7600/8100	8000/8500	7600/8600	8000/9100	8500	9000	9000	9500
	Net weight	kg	90000	95000	110000	115000	135000	140000	165000	170000

*The specifications are subject to change without notice.

Standard accessories

- Complete splash guard.
- Hydraulic power unit.
- Table with manual 4-jaw chuck as spec.
- Protection door.
- Automatic lubrication system.
- Work light.
- Warning light (R/Y/G).
- Workpiece counter (CNC controller).
- Coolant system with tank.
- Coolant bed shower system.
- Heat exchanger for electrical cabinet.
- Tool box & tool kits
- Leveling bolts & seat pads.
- Chip conveyor. Hinge type.
- Chip trolley.
- Tool holder base x 5 pcs. (for C type)
- Spindle orientation.
- Manual of operation & maintenance.
- Manual of electrical & hydraulic circuit diagram.

Optional accessories

- Hydraulic chuck & cylinder, size selections.
- High power motor than spec.
- Air conditioner for electrical cabinet.
- Power transformer, external.
- Oil skimmer (Disk type).
- Toolholder base.
- Other tool holder & special tool holder.
- Tool presetter inside (Turning dia. as same as table).
- Linear encoder of X/Z axis.
- High & low pressure chucking.
- Extend vertical travel (Z axis).
- Hard jaw fo hydraulic chuck.
- High pressure coolant through tool holder.
- Dual gear box for tool live spindle.
- Chip conveyor, scraper type.
- CNC controller 18i-T.
- Manual guide i.
- CE certificate.
- Tooling.
- Jig & fixture.
- Turnkey project.
- Siemens controller.