Machine Specifications

Model/Description		Unit	VT-1250R	VT-1250RM	VT-1600R	VT-1600RM	VT-2000R	VT-2000RM	VT-2500R	VT-2500RM
Capacity	Max. swing diameter	mm	1600		2000		2500		3000	
	Max. turning diameter	mm	1600		2000		2500		2970	
	Distance from ram to table	mm	650-1450		650-1450		825-1825	860-1860	825-1825	860-1860
	Max. turning height	mm	1200	1170	1200	1170	1600		1600	
	Max. workpiece weight	kg	5000		8000		12000		15000	
Spindle	Table diameter	mm	1250		1600		2000		2500	
	Range of table speed	rpm	3-300		3-250		5-200		5-160	
	Gear box		2-step		2-step		2-step		2-step	
	Live tool spindle speed	rpm	-	50-2250	-	50-2250	-	50-2250	-	50-2250
ATC	ATC(Automatic Tool Changer)		12	16	12	16	12	16	12	16
	Tool size	mm	□25, □32		□25, □32, □40		□25, □32, □40		□25, □32,□40	
	Cross-section of ram	mm	220x220	220x220 250x250	220x220	220x220 250x250	250x250	250x250	250x250	250x250
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	-200+950		-200+1150		-300+1450		-300+1650	
	Vertical travel **(Z-Axis)**	mm	900		900		1200		1200	
	Cutting feed rate	mm/min	0.001-500		0.001-500		0.001-500		0.001-500	
	Feed override	%	0-150		0-150		0-150		0-150	
	Cross-rail travel	mm	800(200x4 steps)		800(200x4 steps)		1000(250x4 steps)		1000(250x4 steps)	
	Control system		Fanuc 0i-T		Fanuc 0i-T		Fanuc 0i-T		Fanuc 0i-T	
Motor	Spindle motor (Cont./30min)	kW	AC37/45		AC37/45		AC60/75		AC60/75	
	Feed motor(X/Z axis)	kW	7.0/7.0		7.0/7.0		5.5/5.5		5.5/5.5	
	Live tool motor	kW	-	AC11/15	-	AC11/15	-	AC11/15	-	AC11/15
	Power requirement	kVA	75	90	75	90	90	105	90	105
Machine size	Floor space(LxW)	mm	6500x4900	6900x4900	7100x5200	7400x5200	7600x5500		7800x6100	
	Max. height(H)	mm	5200	5650	5250	5650	6650	7000	6650	7000
	Net weight	kg	24500	25300	27500	28300	47000	49000	51000	53000

NOTE

Standard accessories

1. Complete splash guard.(Top open)
2. Hydraulic power unit.
3. Table with manual 4-jaw chuck as spec.
4. Protection door.
5. Automatic lubrication system.
6. Working light.
7. Warning light.(R/Y/G)
8. Workpiece counter.(CNC controller)
9. Coolant system with tank.
10. Coolant bed wash down system.
11. Heat exchanger for electrical cabinet.
12. Hand tool sets with tool box.
13. Leveling bolts & seat pads.
14. Chip conveyor. (Hinge type)
15. Chip trolley.
16. Spindle orientation.
17. Manual of operation & maintenance.
18. Manual of electrical & hydraulic circuit diagram.

Optional accessories

1. Hydraulic chuck & cylinder, size selections.
2. Hard jaw for hydraulic chuck.
3. Hydarulic chuck softjaw.
4. High & low pressure chucking.
5. Air conditioner for electrical cabinet.
6. Power transformer.
7. Oil skimmer.(Disk type)
8. Tool holder base.
9. Other tool holder & special tool holder.
10. Tool presetter.
11. Linear encoder of X/Z axis.
12. Lubricant chiller for spindle bearing & gear.
13. Extend vertical travel.(Z axis)
14. Extend higher column.
15. High pressure coolant through tool holder.
16. Dual speed gear box for live tool spindle.
17. Chip conveyor.(scraper type)
18. Manual guide i.
19. CE certificate.
20. Tooling.
21. Jig & fixture
22. Turnkey project.
23. Siemens controller.

NOTE