MACHINE SPECIFICATION

Model/Description		Unit	VT-610R	VT-610RM	VT-800R	VT-800RM	VT-1000R	VT-1000RM
Capacity	Max. swing diameter	mm	850(33.4")		950(37.4")		1200 (47.2")	
	Max. turning diameter	mm	850(33.4")		950(37.4")		1200 (47.2")	
	Distance from ram to table	mm	920(36.2")	910(35.8")	920(36.2")	910(35.8")	530-1130 (20.8"-44.4")	480-1080 (18.8"-42.5")
	Max. turning height	mm	650(25.5")		650(25.5")		800(31.4")	
	Max. workpiece	kg	1500		2000		3500	
Spindle	Weight table diameter	mm	610		800		1000	
	Range of table speed	rpm	1-700		1-600		1-400	
	Change gear speed		2-step		2-step		2-step	
	Spindle nose	mm	A2-11		A2-11		-	
	Tool live spindle speed	rpm	-	50-2250	-	50-2250	-	50-2250
ATC	ATC(Automatic Tool Change)		12		12		12	
	Tool size	mm	□25, □32		□25, □32		□25, □32	
	Cross-section of ram	mm	200x200	220x220	200x200	220x220	200x200	220x220
Feed	Rapid rate (X-Axis	m/min	10		10		10	
	Rapid rate (Z-Axis)	m/min	10		10		10	
	Horizontal travel(X-Axis)	mm	-100+650		-100+750		-100+750	
	Vertical travel (Z-Axis)	mm	600		600		700	
	Cutting feed rate	mm/min	1-5000		1-5000		1-5000	
	Feed override	%	0-150		0-150		0-150	
	Cross-rail travel	mm	Fixed		Fixed		200x3 steps	
	Control System		Fanuc 0i-T		Fanuc 0i-T		Fanuc 0i-T	
Motor	Spindle motor (Cont./30min)	kW	18.5/22	30/37	18.5/22	30/37	30/37	
	Feed motor(X/Z axis)	kW	4.0/4.0		4.0/4.0		4.0/4.0	
	Live tool motor	kW	-	11/15	-	11/15	-	11/15
	Power requirement	kVA	40	55	40	55	75	90
Machine size	Floor space(LxW)	mm	3450x4100		3450x4100		4100x4400	
	Max. height(H)	mm	4500	4800	4500	4800	4300	4900
	Net weight	kg	12500		13500		18300	19100

*The specifications are subject to change without notice.

NOTE

Standard accessories

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

Optional accessories

1. Hydraulic chuck & cylinder, size selections.
2. Higher power motor.
3. Air conditioner for electrical cabinet. (C type)
4. Table with manual 4-jaw chuck as spec.
5. Power transformer.(external)
6. Oil skimmer.(Disk type)
7. Tool holder base.
8. Other tool holder & special tool holder.
9. Tool presetter.
10. Linear encoder of X/Z axis.
11. High & low pressure chucking.
12. Lubricant chiller for spindle bearing & gear.
13. Extend vertical travel.(Z axis)
14. Hard jaw for hydraulic chuck.
15. High pressure coolant through tool holder.
16. Dual 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