

VTL-1200A CNC Vertical Precise Lathe

No	Item	Machine Specification.
1	Machining Capacity	
	1-1. Max.Sawing Diameter.	1,600 mm
	1-2. Table Diameter	1,250 mm
	1-3. Max.Cutting Height	1,200 mm
	1-4. Max.Cutting Diameter	1,800 mm
	1-5. Max Loadind on Table	5 Tons
	1-6. Mac Cutting Force	24,000 N
2	Electrical Control	
	Controller	FANUC 0 TC
3	Travel	
	3-1. X-axial Stroke	1375 mm
	3-2. Z-axial Stroke	900 mm
	3-3. Vertical Travel of Crossrail	800 mm
4	Spindle	
	4-1. Spindle Speed	2 ~ 350 RPM
	4-2. Steps of Speed	2
5	Tooling System	
	5-1. Turret Type	5 Stations Turret
	5-2. OD Cutting Tool Shank	32 X 32 mm
	5-3. ID Cutting Tool Shank	63 mm
6	Feed Rate	
	6-1. X-axial Rapid Traverse	12 m/min
	6-2. Z-axial Rapid Traverse	10 m/min
	6-3. Auto mode Feed Rate	0.001 ~ 500 mm/rev
	6-4. Manu mode Feed Rate	0 ~ 1260 mm/ min
7	Cutting Velocity Shifting	
	Gear Box	ZF Two-Speed Gearbox
8	Motors	
	8-1. Spindle Motor	30/37 kw

*Chapter 4. Mechanical System*

	8-2. X-axis Servo Motor	4.5 kw
	8-3. Z-axis Servo Motor	4.5 kw
	8-4. Crossrail Lift Motor	2 HP X 4P
	8-5. Gearbox Lubrication Motor	0.18 + 0.18 kw
	8-6. Slide Lubrication Motor	25 kw
	8-7. Coolant Motor	0.18 kw
9	Tank Capacity	
	9-1. Hydraulic Tank	65 liters
	9-2. Coolant Tank	200 liters
	9-3. Gearbox Lubrication Tank	50 liters
	9-4. Slides Lubrication Tank	4 liters
10	Power Supply	
	Total power	80 kva
11	Foundation Size & Weight	
	11-1. Foundation Size	4360 x 3285 mm
	11-2 Machine Weight	18.000 kg

**Standard Accessories for YV-1200A**

1	4 Jaw manual chuck 49"
2	Halogen Lamp
3	Guard Cover
4	Chip Conveyor and Chip Trolley
5	Coolant Unit
6	Hydraulic Unit
7	Heat Exchanger for Electrical Cabinet
8	Auto Lubrication System
9	Tool Kit
10	ZF Two-Speed Gearbox
11	FANUC 0T-C Controller

**Optional Accessories for YV-1200A**

1	Ventilation System for Electrical Cabinet
2	Tool Setter
3	CE EMC Mark
4	Transformer
5	Tool Holder