

### 1.Used CNC Vertical Lathe Machine, Brand: OM, Model: VTO 16C Made in Japan

#### Technical Specifications:

Table:	1800mm
Max. Turning Diameter(Plane):	2000mm
Max. Working Height:	1380mm
Year of Manufacture:	1996
Max. Rotational force:	20000Nm(2000kgf.m)
Max. cutting force:	20000N(2000kgf)
Max. Processing material quantity:	8000kgs
Vertical movement distance of the turret:	980mm
Left and Right movement distance of turret:	100mm & 1125mm
Size of bite that can be installed:	32x32mm
Max. height b/w the bottom of the crossrail and the top of the table:	1600mm
No. of speed conversions:	2speed (high and low 2 levels)
Rotation speed:	2-210 rpm
Turret feed rate conversion number:	16steps
Turret rapid traverse speed:	3000mm/min
Crossrail lifting speed:	400/480mm/min 50/60Hz
Table rotation speed:	
The table rotation speed of this machine uses an AC motor to perform stepless conversion between high and low speed ranges.	
Low:	2-47 min(rpm)
High:	9-210 min(rpm)
Power supply:	Voltage 200V ±10%
	220V
	Frequency 50Hz± 1Hz
	60Hz
Operating Voltage:	AC 100V,DC 24V (Built in transformer)
Total Power capacity:	75KVA
Main motor(Ac motor):	37/30Kw
Cross rail vertical movement motor:	3.7Kw x4p)
Turret motor (Ac servo motor) x.2:	α30
X,Z speed box lubricating oil pump motor:	0.75Kw x 4P
Hydraulic pump motor(including hydraulic balance):	0.75kw x 4P
Lubrication oil pump motor:	0.75Kw x4P
Controller:	Fanuc Powermate Model-D
No. of control axis:	2 Axis
No. of simultaneous control axis:	2 Axis
Min. setting unit:	0.001mm
Manual pulse generator:	1 piece
Operating mode:	Manual feed,manual pulse feed,MDI operation,Program Operation,memory adjust.
No. of registered programmes:	63
Custom macro B:	An/rev feed from the operation panel,used for thread cutting

