



# CNC VERTICAL TURNING LATHES

500 - 800MM



Machine Tool Exporters to the World since 1940

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**500 - 800MM**

The Ajax vertical turning lathes are designed to be rigid powerful & reliable, for vertical turning applications where the weight of the job and setting is an issue, giving good swarf clearance.

Fitted with industry leading FANUC 0i TD CNC control system enabling ultimate control & reliability, this can be upgraded to the Manual Guide i version with fully conversational control and full 3D graphics to make even the hardest job easy and straightforward.

Built on a solid base and bed the Ace is a powerfully stable turning machine, which is well able to make large cuts and perform on any material.



#### **FEATURES INCLUDE:**

- Solid construction
- High power stock removal
- 12 station turret
- FANUC 0i TD control
- Heavy duty Linear guideways
- Power chuck
- Swarf conveyor

#### **OPTIONS:**

- Manual guide i
- CAD CAM systems
- Live tooling & C-axis (VTL30)

**AJVTL 40**

### STANDARD ACCESSORIES

- FANUC 0i TD CNC control
- Automatic multi station bi-directional turrets
- Fully enclosed guarding & chip collection system
- Swarf conveyor, coolant equipment
- Automatic lubrication of bed ways
- Electronic hand-wheel for X & Z Axes
- Variable speed to include constant surfacing speed
- FANUC AC spindle drive
- FANUC Digital Feed drives & motors
- Feed override control
- High power lighting
- Heavy Duty Linear ways
- Instruction manual

MODEL	AJVTL 30	AJVTL 40
Max Turned Diameter (mm)	500	800
Max Turned Length (mm)	500	800
Chuck Size (mm)	315	500
Spindle Nose	A2-8	A2-11
Speed Range (rpm)	50-2,500	50-2,000
Working Feeds (mm/min)	0-10,000	0-10,000
Rapid Feeds (mm/min)	20,000	15,000
Turret Type	BTP-125	BTP-160
No of Tool Stations	12	12
Max Diameter of Boring Bar (mm)	50	50
Tool Cross Section (mm)	25 x 25	32 x 32
Main Motor Power (Kw)	18.5/22	22/30
Overall Size (mm)	1,850 x 2,200 x 2,600	2,210 x 2,620 x 3,230
Net Weight (Kg)	5,000	8,000

## TECHNICAL SPECIFICATIONS



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