

CNC Vertical Turning Centres

1200-2000mm



Ajax Machine Tools

Machine Tool Exporters to the World

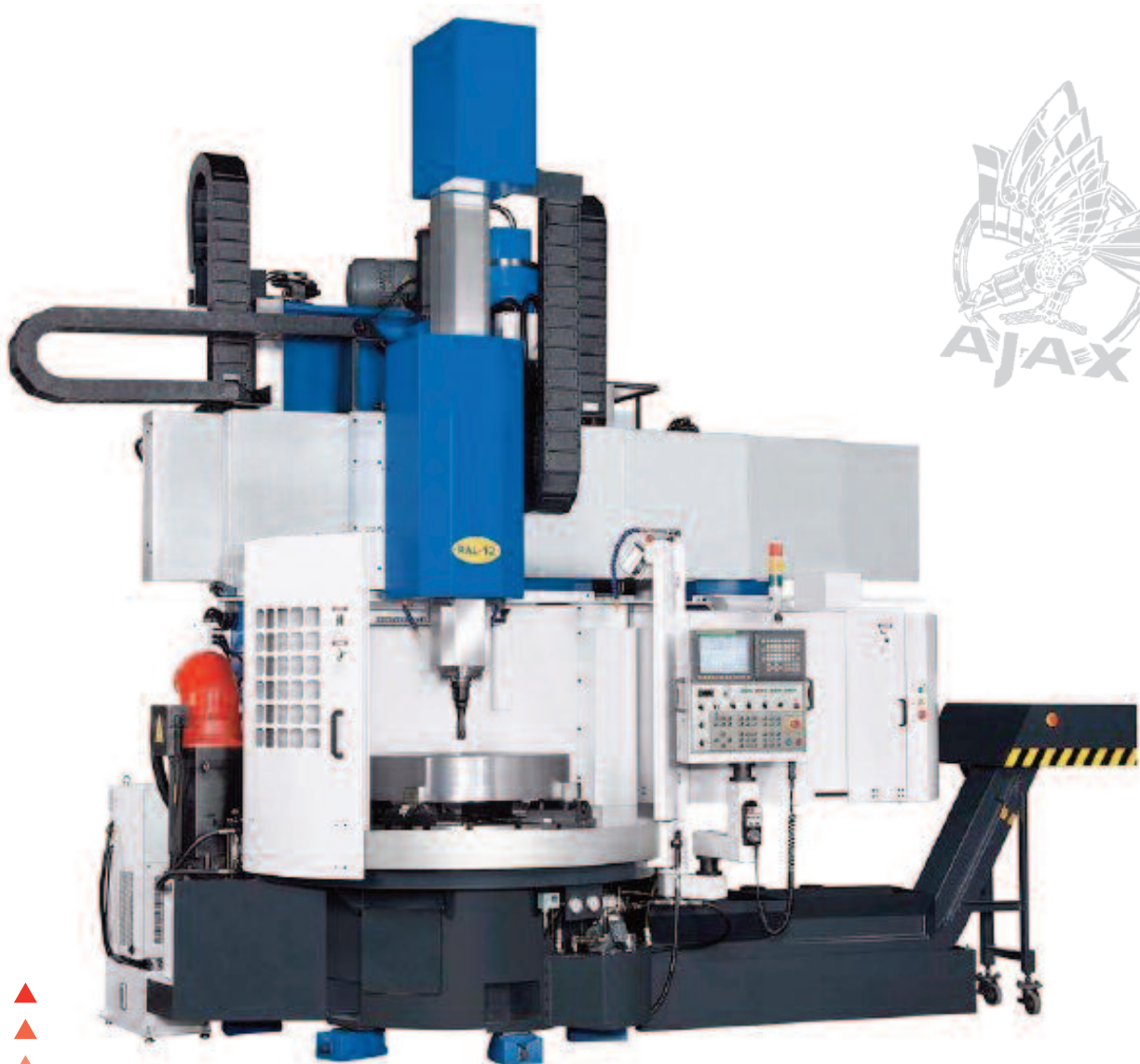
▶▶▶▶▶ **CNC Vertical Turning Centres**

This Ajax range of CNC Vertical Turning & Boring Centres offers power, strength and speed to accomplish today's toughest machining applications. These heavy duty Vertical Turning Centres not only provide massive torque and rigidity but also the cutting flexibility to carry out the toughest turning & milling jobs around. The maximum size of which can be up to 2,500mm diameter 1,600mm long weighing up to 21,000 Kgs. The optional live tooling with full C axis function offers even more flexible machining capabilities.

The one piece column casting has a wide ribbed box structure and providing strength & rigidity. It dramatically decreases vibration, thermal expansion and deformation caused by cutting stress. The oversized box ways are heat treated to Rockwell 55. All contact surfaces are hand scraped to ensure the highest accuracy possible. The result of the intense attention to detail is an excellent machine designed to work hard & last.

The range also has the option of live tooling giving these machine the ability to turn and mill the component all in one setting giving these machine the true edge required in today's market.

Fitted with industry leading FANUC Oi TD CNC control system giving 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.



AJVTC 1600

MODEL	AJVTC 1200	AJVTC 1600	AJVTC 2000
Max Turned Dia(mm)	1,600	2,000	2,500
Table Diameter (mm)	1,250	1,600	2,000
Max work height(mm)	1,250	1,600	1,600
Max table load(Kg)	9,000	14,000	21,000
Chuch speeds (RPM)	2 - 350	1 - 250	1 - 200
Number of Speed Ranges	2	2	2
X Axis Rapid Feed rate(M/Min)	12	12	12
Z Axis Rapid Feed rate(M/Min)	10	10	10
X Axis Travel(mm)	1,900	2,550	2,950
Z Axis Travel (mm)	900	1,000	1,000
Cross Rail Travel (mm)	800	800	800
Tool Magazine (ATC)	18	18	18
Tooling	BT 50	BT 50	BT 50
X & Z Axis Motors (Kw)	6	6	6
Main Motor Power (Kw)	37	45	45
Overall Size (cm)	476x278x521	519x346x587	560x398x587
Net Weight (Kg)	20,000	28,000	32,000

LIVE TOOLING SPINDLE (OPT)			
Spindle Power (Kw)	11	15	15
Spindle Speeds (Rpm)	2 - 2,400	50 - 2,250	50 - 2,250
Tool Magazine 18 (ATC)	9 Static 9 Live	9 Static 9 Live	9 Static 9 Live
Max Drilling capacity (mm)	50	50	50
Max Taping Capacity (mm)	M30	M30	M30

STANDARD ACCESSORIES

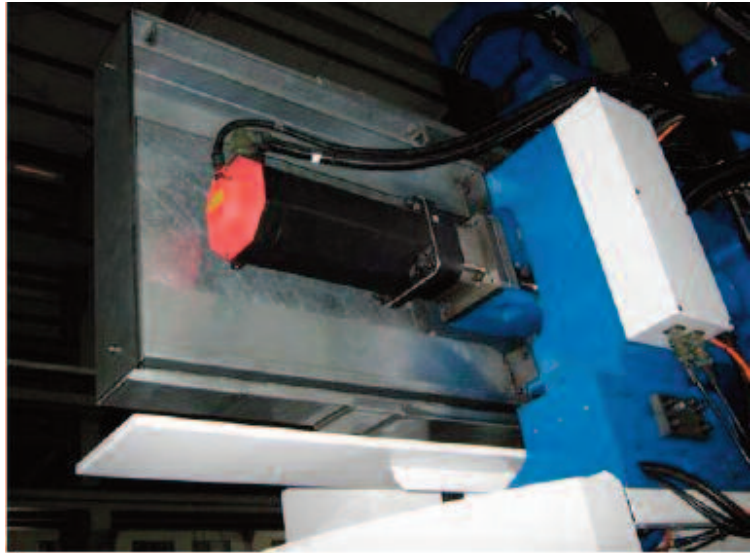
- Manual 4 Jaw chuck
- Swarf conveyor with coolant tank and fitting
- Oil & water separator
- High pressure coolant 3 Bar



AJVTC Control



AJVTC Ram



AJVTC Cross Slide



AJVTC Column



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