

## You Ji YV1600 ATC+C CNC Vertical Turning Centre

### Standard Specification

	YV1600ATC+C
Fanuc control system	18iT
Table load	8000kg
C axis mill/drill	Std
Maximum swing diameter	2000mm
Maximum turned diameter	1800mm
Maximum turned height	1200mm
Maximum cross travel X axis	1575mm
Maximum vertical travel Z axis	900mm
Table diameter	1600mm
Table speeds (2 ranges)	2-62/64-50rpm
2 speed programmable gearbox	Standard
Fanuc alpha spindle drive power	45kW
Maximum torque	18,000Nm
Tool changer style	BT50/ATC
Number of tools	16
Tool change time (secs)	30 (secs)
Rapid traverse X axis	m/min
Rapid traverse Z axis	10m/min
Machine weight	23,500kg

### Standard Equipment

4 independent operated jaws  
Spindle motor 5.5 / 7.5 kW (C models only)  
Swarf conveyor and bin

### Machine Options

Fanuc manual guide i  
Double contact spindle  
Automatic tool changer capacity increase to 32 tools  
Automatic tool changer capacity increase to 60 tools  
Table drive increased to 60kW  
Spindle motor increased to 18.5kW  
Coolant through the spindle at 20bar with filtration system  
Linear scale X axis  
Linear scale Z axis  
Grinding sub spindle  
Grinding head  
Dressing attachment  
Tool setting arm  
Spindle probe system  
Hydraulic chuck  
Oil skimmer

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