

01. **Type:**
 Machine Type: 4-Axis CNC Vertical Milling Machine
 Controller: Fanuc 2li or Sinumerik 840D or any latest
 Origin: Preferably Europe, USA, Japan, Korea or Taiwan

Working Range:

X-axis Traverse ~1080 mm
 Y-axis Traverse ~610mm
 Z-axis Traverse ~610mm
 NC Rotary Table ~360°

NCC Rotary Table Specifications

Chuck Diameter 4000mm
 No of Tee Slots 8
 Tee Slot Width 18mm
 Center Hole Taper NT-40
 Minimum Angular Input Increment 0.001°
 Accuracy 25 Sec
 Repeatability ±0.002°
 Permissible Load ~250Kg

Rotary Table Clamping Hydraulic
 Rotational Speed, Rapid 2000°/mm

Accuracies

Positional Accuracies +/-0.001mm
 Repeatability +/-0.003 mm

Other features:

Bed Size 1500 x 700 mm
 Work Piece Load(Max) ~1500kg
 Spindle Type Vertical
 Thorough Spindle /Coolant Yes
 Rapid Traverse Speed 60,000 mm/min
 Spindle Revolutions(Max) 20000/min
 Tool Storage Capacity 30
 Tool Shank Type BT-50 or BT-40

CAD/CAM Supported

Tool Path Display (along with solid model), Tool Measurement System, Tool Life Monitoring, High Pressure Coolant(through Spindle), Close Cabin, Chip Conveyer and Bucket, Hand Held Panel, Data I/O Interfaces, Conversational Programming, Work Piece Measurement System, Overload Detection System, USB Interface, Work Light, Operational Condition Light, Set of Manuals (03 sets), Set of adjusting Tools\air Blast, Auto Tool Changer, Spline Interpolation

Other requirements

Pre-shipment inspection
 Comprehensive training for operation and maintenance
 Mechanical, electrical and electronics spare parts (for 05 years safe operation)
 All the others standard items from manufacturer
 Other optional item (if any) from manufacture, to be quoted separately.