



Technical Specifications:

Feature	Specification
CNC System	SIEMENS Industrial CNC Controller
Machine Base	Close grained Graded Cast Iron rigid, robust and stress relieved structure
Machine Size	1200mm x 1000mm x 2000mm
Axis Travel	• Longitudinal traverse (X): 350mm • Cross traverse (Y): 250mm • Vertical traverse (Z): 300mm
Machine Table Size	700 x 200mm
Table Clamping Area	550 x 170mm
T Slots Width	12 mm
Axis Drive	Ball screw C5 Accuracy (Imported)
Machine Slide Drive	Imported Linear Guide ways driven for smoother drive
Spindle Inside Taper	ISO 30
Spindle Material	Alloy Steel
Spindle Quill	Chrome plated, precision ground
Spindle Power	2.0 HP with Variable Frequency Drive
Distance	• Spindle Nose to Table top: 250mm • Spindle Nose to Column: 250mm
Spindle Speed	200 – 2800 rpm
Spindle Operation	100% Close Loop with Controller
Material that can be	Mild Steel, Cast Iron, Aluminum etc

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Feature	Specification
machined	
Maximum Depth of Cut	1.5 mm on steel
Resolution of Axis	1 Micron
Lubrication System	Fully Automatic Lubrication
Coolant Supply	Recirculating supply
Number of Tools	One
Axis Motors	Servo Motors
DNC Communication	Possible
CAD/CAM Compatibility	Possible
Hand Wheel Operation	MPG provided for manual operation
Coordinate System	Absolute and Incremental
Axis Feedback	100% close Loop
Option Skip Function	Available
Optional Stop and Feed-Hold Function	Available
Manual Data Input	Available
Online	Available
Acceleration/Deceleration	Available
Mirror Effect Cutting	Available
Tool Radius Compensation	Available
Rectangular Grooving	Available
Circular Grooving	Available
Circular Drill Canned Cycle	Available
Angular Drill Canned Cycle	Available
Arc Drill Canned Cycle	Available
Boring Canned Cycle	Available
Soft Over Travel Limits	Available
Feed Rate Commands	Either mm/Min or mm/rev both possible
Isolation Transformer for Safety	Optional
Rapid Feedrate	5–15 mtr/Min
Feedback Resolution of Axis Motor	10000 pulses per revolution
Feedback of Spindle Motor	4096 pulses per revolution
Interpolation of Axis	ALL Three Axis at any time
Automatic Tool Changer	8 Stations

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