



Technical Specifications:

Category	Specifications
Description / Design	Flat Bed Machine for Heavy Duty Applications
	Geared Head Stock with Spindle
	Tail Stock
Tail Stock Traverse	500 mm
Tail Stock Quill Traverse	140 mm (Manual Traverse)
Center Distance	Distance between Centers: 1000 mm
Swing Capacity	Swing over Bed: 458 mm
	Swing over Cross Slide: 100 mm
Axis Traverse	X Axis: 150 mm
	Z Axis: 300 mm
Axis Coupling	Coupling with Ball Screw: Direct Coupling
Chuck Details	Chuck Size: 135 mm
	Chuck Type: 3 Jaw Self-Centering Manual Chuck
Turning Capacity	Max Turning Dia: Dia 70 mm up to 200 mm Length
	Dia 100–120 mm up to 300 mm
Spindle	Spindle Type: A2-6
	Spindle Bore: 75 mm
	Spindle Power: 3 HP
	Spindle Nose Taper: ISO 40
	Spindle Speed: 200 – 2800 rpm

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



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Category	Specifications
Machinable Materials	Mild Steel, Aluminum, Forging, Hard Steel
Lubrication & Coolant	Lubrication System: Fully Automatic Coolant Supply: Recirculating Coolant System Coolant Tank Capacity: 50 liters Chip Tray: Manual Removable Guideways: Hardened
Tool Mounting	Tool Mount System: Linear Tooling Tool Shank Size: 20 mm
Screws	Slide Traverse Screw Diameter: 35 mm
CNC System	Controller: LNC CNC Controller Axis Motors: Servo Motors (Make: Innovance) Axis Servo Motor Rating: 1 kW
Feed Rates	Programmable Feed Rate (X Axis): 0 – 3000 mm/min Programmable Feed Rate (Z Axis): 0 – 3000 mm/min Axis Rapid Rate (X & Z): 5 – 8 m/min Resolution: 0.001 mm
Power Supply	Voltage: 220V, 50 Hz, 3 Phase
Communication	DNC Communication: Possible CAD/CAM Compatibility: Possible
Manual Operation	Hand Wheel Operation: MPG Provided
Coordinate System	Axis Feedback: Absolute and Incremental Feedback Loop: 100% Close Loop
Optional Functions	Skip Function, Optional Stop & Feed-Hold
Input & Data	Manual Data Input: Available Online Acceleration/Deceleration: Available
Machining Features	Mirror Effect Cutting, Tool Radius Compensation Rectangular & Circular Grooving, Boring Canned Cycle Soft Over Travel Limits: Available
Feed System	Feed Rate Commands: mm/min or mm/rev Axis Motor Feedback Resolution: 10000 pulses/rev Spindle Motor Feedback: 4096 pulses/rev
Axis Interpolation	Interpolation of Two Axes at any time
Display & Diagnostics	On-Screen Diagnostics, Line Simulation
Overrides	Feed Override: 0 – 150% Spindle Override: 0 – 100%

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Order Code : 25268614.1
 CNC Lathe Machine with
 LNC CNC Controller

Category	Specifications
Accessories Included	Live Center, Steady Rest, Dead Center, Follow Rest
	Machine Lamp, Level Pads, Operational Manual, Apron/Bellow Covers



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