



Product Code . JL-CTM-9045

CNC Semi Production Lathe

Description

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This CNC Lathe is perfectly suitable to be used for light production purpose.

This is the ideal product for educational institutes which are looking to impart industrial training to their students as well as doing some light production activity on the same machine.

HPL series Turning machines are equipped with production turrets.

LM Guides and metallic bellows covering the guideways are also provided.

One of the most important features of this machine is that it is manufactured specifically for educational institutes.

It offers hands-on experience of industrial turning centers with safety features of educational trainer machines.

Specification:-

Bed Type	Flat / 45 Degrees Slant
Chuck Size	150 mm (Dia)
Chuck Type	Hydraulic

Maximum Turning Dia / Length	100 mm / 370 mm
Center Height	150 mm
Swing over Cross Slide	125 mm
Swing Over Bed	300 mm
Distance between Centre	420 mm
Positioning	0.010 mm
Repeatability	+ - 0.005 mm
Resolution	0.001 mm
Spindle Motor	AC Servo
Spindle Motor Capacity	5.1 KW / 7 HP
Spindle RPM	100 to 6000 RPM with VFD
Axis Motor and Drive	Servo Motor with Servo Drives
X Axis Travel	120 mm
Z Axis Travel	380 mm
Feed Rate	0 to 10,000 mm/min
Rapid Travel	10,000 mm/min / 20,000 mm/min
Turret Type	Automatic - Servo Type
Number of Stations	8
Tool Cross Section	20 mm x 20 mm
Boring Bar Size	16 mm
Tailstock Base Stroke	230 mm
Tailstock Quill Stroke	100 mm
Tailstock Actuation	Hydraulic/ Manual
Lubrication	Automatic
Coolant	Automatic
FMS Compatibility	Provided
Dimension in mm	2200 x 1200 x 1700 mm
Power Supply	415V, +-2% 50 Cycles, 3 Phase

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