

Student CNC Lathe



Compact, powerful and easy to use.



The compact Colchester Student CNC lathe is designed and engineered in the UK using the same construction as the market leading Colchester Student geared head centre lathe.

Fitted with the latest FANUC CNC controls gives the user ultimate flexibility in programming, including ISO, conversational Manual Guide I, or via CAD/CAM. Ideally suited for education and industrial applications. Designed for fast, high-quality repeatability, accuracy and surface finish to exacting toolroom accuracy standards (DIN 8605), which ultimately significantly reduces component production costs.

Standard Equipment

- FANUC Oi-TF Plus CNC control system with 10.4" colour screen
- Manual Guide I conversational programming system
- Alpha Link CAD/CAM offline programming software
- PBI Super Precision 3-Jaw scroll chuck
- Dickson quick change tool post and tool holders
- Automatic slideways and ballscrew lubrication system
- Manual tailstock
- Coolant pump system
- Machine work light
- Easy access to work zone
- Compact footprint
- Automation & Industry 4.0 ready
- Easy installation

[Full specification >](#)

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Specification

Swing Over Bed (mm)	300
Centre Height (mm)	167
Swing Over Cross Slide (mm)	210
Swing In Gap (mm)	480
Distance Between Centres (mm)	1,000
Spindle Nose	(Camlock) D1-4
Spindle Bore (mm)	40
Spindle Speed (rpm)	3,000
Feed Rate (mm)	1-3,000/min
Rapid Traverse (mm)	4,000/min
Motor (kW)	5.5
Floor Space LxWxH (mm)	2,150 x 1,320 x 1,520
Power Supply (400V)	16Kva
Weight (Kgs)	975

TRUSTED IN THE INDUSTRY FOR OVER 100 YEARS

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