

Turn 270 Pro

CNC Lathe



Compact CNC turning with classroom-friendly design

The Turn 270 Pro is a compact, fully enclosed and interlocked 2-axis CNC lathe designed for safe, accessible turning instruction at all educational levels. Its programmable spindle speeds and feed rates allow reliable machining of plastics, aluminium, steel and free-cutting alloys. Available as desktop or bench-mounted.

Key Benefits:

- Ideal for beginner to advanced turning skills
- Cuts wax, plastics, acrylics, non-ferrous and ferrous metals
- Space-efficient for smaller workshops
- 25mm Spindle Through Bore
- Optional Spray Mist Coolant



3 Jaw Chuck Holding a machined aluminium part

TURN 270 PRO

Technical information

Equipment as standard

- VR CNC Turning Operating Software
- QuickTURN 2D Design Software (1 seat)
- 8 Station Programmable Turret or optional Quick Change Toolpost and Holder
- Manual Self Centring 100mm 3 Jaw Chuck
- Right Hand Turning Tool
- Parting Off Tool
- Installation and Instruction Manuals
- Ethernet or USB Connection
- *PC Not Included

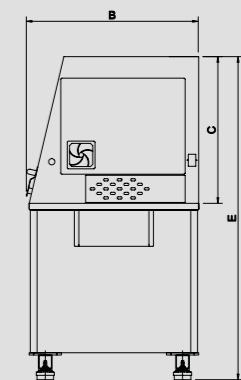
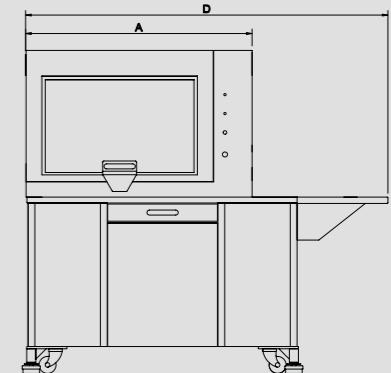
Optional extras

- Comprehensive Tooling Package
- Spray Mist Coolant*
- Manual Tailstock with Non-Revolving Centre (factory fitted)
- Revolving Centre for Tailstock (reduces distances between centres to 225mm)
- Machine Bench with Computer Support Extension
- Pneumatic Guarding*
- 80mm 3 Jaw Pneumatic Chuck*

*Requires Compressed Air

Mechanical details

Machine Length (A)	1000mm	39.37in
Machine Depth (B)	768mm	30.24in
Machine Height (C)	675mm	26.57in
Length with Optional Base (D)	1665mm	65.55in
Height with Optional Base (E)	1440mm	56.69in
Machine Weight	140kg	308.65lb
Machine Weight with Optional Base	255kg	562.18lb
Swing Over Bed	190mm	7.48in
Swing Over Cross Side	100mm	3.94in
Distance Between Centres	270mm	10.63in
Travel X Axis	150mm	5.91in
Travel Z Axis	225mm	8.86in
Max Spindle Speed	4000rpm	4000rpm
Max. Feed Rate	3000mm/ min	118.11in/ min
Spindle Bore	26mm	1.02in
Mains Supply Requirements	Single Phase	Single Phase
Spindle Motor	1.5kW	2.01HP
Axes Motors	Stepper	Stepper
Voltage	230V	110V
Current	10A	15A
Frequency	50/ 60Hz	50/ 60Hz



Machine Dimensions