

Micromill

CNC MILLING MACHINE

Microturn

CNC LATHE



THE MICROMILL COMES AS STANDARD WITH:

- VR CNC Milling Operating Software (PC not included)
- QuickCAM 2D Design Software
- Workholding Clamps
- 3 x 6mm Dia Toolholders
- 2mm, 4mm & 6mm Dia Slot Drills
- Set of Imperial / Metric Allen Keys
- Maintenance Tools
- Installation and Instruction Manuals

A compact 3 axis CNC milling machine and 2 axis CNC lathe, both with totally enclosed interlocking guards – the ideal introduction to CNC manufacturing. Variable spindle speeds and feedrates make the Micromill and Microturn suitable for proving student designs, producing small components in materials such as wax, plastic, acrylic and free cutting alloys.



THE MICROTURN COMES AS STANDARD WITH:

- VR CNC Turning Operating Software (PC not included)
- QuickTURN 2D Design Software
- Quick Change Toolpost & Holders
- LH and RH Cutting Tools
- Parting Off Tool
- 2 1/2" Dia 3 Jaw Chuck & 2 Tommy Bars
- 1 1/2" Standard Toolpost
- Tailstock
- Set of Imperial / Metric Allen Keys
- Maintenance Tools
- Installation and Instruction Manuals

OPTIONAL EQUIPMENT INCLUDES:

MICROMILL

Milling Vice

MICROTURN

Thread Cutting Package



NEW

Denford Duo

INTRODUCTORY CNC MILLING & TURNING PACKAGE

Shown with optional universal bench and 2 x computer support extensions (PC's not included)



A combined entry-level CNC Milling and Turning Package (available at a special package price), incorporating the Micromill CNC Milling machine and CNC Microturn Lathe, complete with tooling and software – the ideal introduction to CNC manufacturing. See page 28 for details of machines, standard and optional equipment.

OPTIONAL UPGRADE:

Universal Machine Bench, complete with 2 Computer Support Extensions (see above image)

Bench Size with Computer Support Extensions:
2500mm x 750mm x 790mm (WxDxH)



SYSTEM REQUIREMENTS

For Micromill/Microturn/Denford Duo please refer to page 25.

MECHANICAL DETAILS	MICROMILL	MICROTURN
Machine Length (A)	685mm - 26.97in	685mm - 26.97in
Machine Depth (B)	654mm - 25.75in	654mm - 25.75in
Machine Height (C)	688mm - 27.09in	688mm - 27.09in
Machine Weight	50kg - 110lbs	57kg - 125lbs
Table Size	70x330mm 2.76x12.99in	n/a
Swing Over Bed	n/a	90mm - 3.5in
Travel X Axis	228mm - 8.98in	50mm - 1.97in
Travel Y Axis	130mm - 5.12in	n/a
Travel Z Axis	160mm - 6.30in	126mm - 4.96in
Table to Spindle	182mm - 7.17in	n/a
Max. Spindle Speed	2500rpm	2500rpm
Max. Feed Rate	600mm/min 23.62in/min	600mm/min 23.62in/min
Max. 3D Profiling	600mm/min 23.62in/min	n/a
Spindle Motor	75W - 0.1HP	
Axes Motors	Stepper	
Power Requirements	Single Phase, 230V - 8A / 110V - 10A	
Frequency	50/60Hz	