

DENFORD

Router 2600 ATC & Router 6600 ATC

3 AXIS CNC ROUTERS WITH 5 STATION ATC

NEW



5 Station Automatic Tool Changer

**QUALITY, PRECISION,
MAINTENANCE FREE
ROUTING**

For full details - See page 9

Router 2600 ATC shown with optional universal bench, optional computer support extension and optional integrated Dust Pro 100 (PC not included)

For Router 2600 ATC Machine Dimensional Drawings

See page 14.

For Router 6600 ATC Machine Dimensional Drawings

See page 18.

These 3 axis CNC Routers with totally enclosed interlocking guard and complete with 5 Station Automatic Tool Changer are suitable for all levels of education and are ideal for cutting a range of resistant materials such as hard and soft wood, plastic, modelling foam, acrylic, prototyping material and non-ferrous metals.

Additionally, the Router 6600 ATC is a high speed machine, complete with built-in machine bench, offering large machining capacity (table size 1080 x 640mm) at an exceptional price.



Ideal for use in conjunction with



IN SCHOOLS

Router 2600 ATC & Router 6600 ATC

THE ROUTER 2600 ATC & ROUTER 6600 ATC COME AS STANDARD WITH:

- VR CNC Milling Operating Software (PC not included).
- QuickCAM 2D Design software (1 seat)
- 5 Station Automatic Tool Changer (5 SK11 Toolholders and 8 Collets) Requires compressed air, 8 bar.
- Aluminium T Slot Table.
- Outlet for Dust Extraction System.
- Workholding Clamps.
- Installation and Instruction Manuals.
- USB Connection.

In addition the Router 6600 ATC comes complete with Universal Machine Bench.

OPTIONAL EQUIPMENT INCLUDES:

Vacuum Bed, Vacuum Pads, F1 in Schools Car Manufacturing Fixture, 4th Axis Programmable Rotary Fixture, 3D Scanning Attachment, Dust Extraction Unit and Universal Machine Bench (Router 2600 ATC).



SYSTEM REQUIREMENTS

Please refer to page 29.

RECOMMENDED SOFTWARE PROGRAMS

All software necessary to control the Router 2600 ATC & Router 6600 ATC is included. Also included is a seat of QuickCAM 2D Design - an easy to use 2D CAD package.

• 2D Designs: The VR Milling software can import DXF, DWG, EPS and Gerber files in addition to G & M code programs and as such will link with programs such as Techsoft 2D Design and CorelDraw.

• 3D Designs: To enable import of STL files from 3D design packages such as Autodesk Inventor, SolidWorks, Pro/DESKTOP & ArtCAM, QuickCAM Pro software is required (see pages 40 - 41).

MECHANICAL DETAILS	ROUTER 2600 ATC	ROUTER 6600 ATC
Machine Length (A)	1200mm	1825mm
Machine Depth (B)	765mm	985mm
Machine Height (C)	675mm	1540mm
Length with Optional PC Arm (D)	1910mm	2410mm
Height with Optional Base (E)	1440mm	-
Height with Door Open (E)	-	2110mm
Length with Optional Base (F)	1325mm	-
Machine Weight	150kg	430kg
Machine Weight with Opt. Base	255kg	-
Table Size	700 x 430mm	1080x 640mm
Travel X Axis	600mm	1000mm
Travel Y Axis	400mm	600mm
Travel Z Axis	110mm	110mm
Beam Clearance	150mm	148mm
Max. Spindle Speed	24000rpm	
Non-Ferrous Metal Cutting	Yes	
Spindle Speed Control	Yes	
Spindle Speed Override	Yes	
Max. Feed Rate	5000mm/min	
Max. 3D Profiling	4500mm/min	
Mains Supply Requirements* (* Alternative supplies available on request)	Single Phase	
Spindle Motor	0.9kW	
Axes Motors	Stepper	
Volts	230VAC	
Amps	8 Amps	
Hz	50 Hz	
Electric Connection	13 A Socket	