

TEKCEL

VXR 1250 x 2500

TEKCEL PERFORMANCE. OUTSTANDING VALUE.

The new Tekcel VXR is designed to punch well above its weight. So, despite its compact footprint, it's capable of powering through big workloads effortlessly, productively and profitably.

It's built to last too. Component quality reflects the superior engineering standards that make the Tekcel VXR the best system in its class - and in others'.

The Tekcel VXR is the system you need whether you're supplementing existing capacity or buying your first system. Compact Footprint. Big Capability. Truly Affordable Pricing.



KEY FEATURES



Driven by closed loop brushless digital servo motors on every axis, all Tekcel Routers boast the very latest ballscrew driven system available. Delivering the most accurate, reliable and proven technology money can buy.

The auto tool length sensor is the fast and effective way to ensure your cut depths are always accurate. The intelligent control system stores this tool data, so you don't need to repeat the process until the cutter is replaced.

The ATC tool bay turns complex, multi-cutter routing jobs into simple one touch operations. This forms part of an integrated system automation package that delivers unrivalled router performance and productivity.

Tekcel systems come with with the latest "state of the art" proprietary controller system, utilising a modern 15" touchscreen operator interface. You can now control the machines movements, just by a touch of the screen.

APPLICATIONS

- GENERAL SIGNMAKING
- PLASTIC FABRICATION
- METAL FABRICATION
- WOODWORKING
- PRINT FINISHING
- EXHIBITION BUILDING
- SHOPFITTING
- FOAM PACKAGING
- 3D MACHINING
- POS & DISPLAY

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MACHINABLE MATERIALS

- Aluminium Composite Material (ACM)
- Aluminium, Copper and Brass
- MDF, Plywood, Hard and Soft Woods
- Industrial Plastics and Polypropylene
- Cast and Extruded Acrylics
- Fibreglass
- Rigid Foamed PVC
- High Density Foams
- Modelling Boards
- Polystyrene
- Fluted Core Material

VITAL STATISTICS

Active Cutting Area	1360mm x 2500mm
Gantry Clearance	85mm
Z Axis Stroke	190mm
Maximum Material Thickness	75mm
Will It Fit in Your Workshop?	Length: 3100mm / Width: 1930mm / Height: 1625mm

POWER & PERFORMANCE

Spindle Motor	4kW Auto Tool Changer
Drive System	Re-circulating ballscrew on X (x2) Y and Z
Drive Motors	400W Brushless Servo with digital encoder - All Axes
Cutting Speed	Up to 400mm per second (24m/min)
Positioning Speed	Up to 400mm per second / 24m/min

CONTROL, ACCURACY & SAFETY

Motion Control System	Tonmotek GEN III Controller
Operator Interface	Touch Screen Controller
Tool Indexing	Automatic Tool Length Sensor - Micro Switch
Safety	Light Guarding System

OPTIONS

Mist Coolant Device	
Opticam	
Knife Cutting/Creasing/45°	



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