

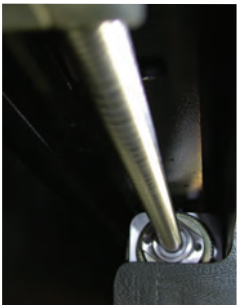
TEKCEL

EXR 2000 x 3000

EXR routers are fully loaded with a powerful armoury of automated production features. These include a 17 seat tool bay auto change system, auto tool length sensing, auto on/off vacuum hold down, auto on/off dust extraction, an auto mist coolant system and material registration pins. If you're faced with heavy workloads, tight deadlines and stiff competition, the EXR is the router for you.



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 17 seat 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.

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.

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	2050mm x 3100mm
Gantry Clearance	150mm (300mm option)
Z Axis Stroke	240mm
Maximum Material Thickness	135mm
Will it Fit In Your Workshop?	L 4200mm x W 2760mm x H 2000mm

POWER & PERFORMANCE

Spindle Motor	HSD 9kW / 11 hp 6000 - 24000 rpm
Drive System	Re-circulating ballscrew on X (x2) Y and Z
Drive Motors	Servo with digital encoder on X (x2) Y and Z 1Kw Brushless
Cutting Speed	Up to 400mm per second (24m/min)
Positioning Speed	Up to 400mm per second / 24m/min

CONTROL, ACCURACY & SAFETY

Motion Control System	Tommetek Gen 111 Controller
Tool Change System	Automatic - 17 Seat Tool Rack
Safety Guards	Light Guarding System
Operator Interface	Touchscreen Controller

Options

Tekcel 'Opticut' Knife Cutting & Creasing System
Tekcel 'Opticam' Cut to Print Camera Registration System
Mist Coolant Device- Metal Cutting
5 x Pop Up Pins - Material Registration



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