

Tekcel EXS 1.5m x 2.5m

Jan 2023

Compact, productive
and profitable

Whether you're dealing with most demanding materials like plastics, metals, woods or ACM or you're wanting to cut printed graphics or lighter semi-rigid media, the Tekcel EXS steps up to the biggest jobs but sits comfortably where space may be premium. Don't be fooled by its smaller size though. This Tekcel EXS still delivers all the punch, power, precision and productivity you'd expect from this class leading CNC brand. It's unbelievably productive and packed with all the latest state of the art features that come standard on its bigger brothers. Whether you're supplementing your capacity or even looking for your first system, make sure you don't let the Tekcel EXS pass you by.



TEKCEL
CNC ROUTERS

 **COMPLETECNC**
SOLUTIONS

MODEL SIZE: 1.5m x 2.5m

ACTIVE CUTTING AREA

1540mm X 2500mm

STANDARD GANTRY CLEARANCE

140mm

Z AXIS STROKE

190mm

MAXIMUM MATERIAL THICKNESS

240mm

MACHINE DIMENSIONS

L 3100mm x W 1960mm x H 2000mm

SPINDLE MOTOR

HSD 9kW (11HP) Min 6000 rpm / Max 24000 rpm

DRIVE SYSTEM

30mm Dia Re-circulating ball screws on X (x2) Y and Z

DRIVE MOTORS

1kW Digital Servo Motors with encoder on X (x2) Y and Z

CUTTING SPEED

Up to 600mm per second (36m/min)

POSITIONING SPEED

Up to 600mm per second (24m/min)

MOTION CONTROL SYSTEM

Tommotek GEN III Advanced Motion Controller

TOOL CHANGE SYSTEM

Automatic - 12 seat tool bay (Pop Up/Down - Pneumatic)

OPERATOR INTERFACE

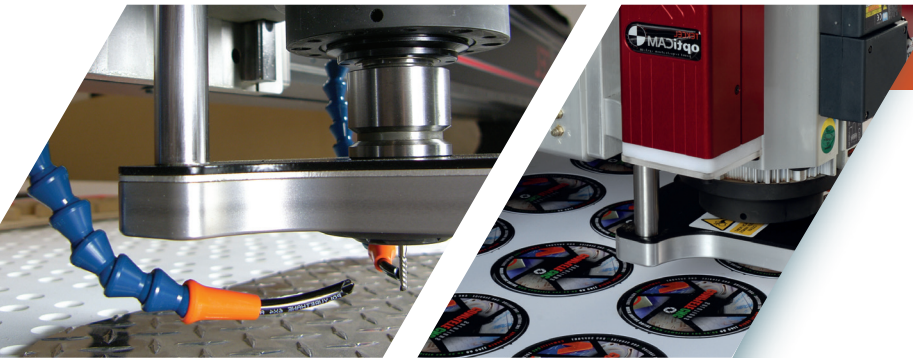
15" Touchscreen Operator Interface – Podium Mounted

SAFETY SYSTEM & CERTIFICATION

Post Mounted Infra-Red Safety Light Guarding System

Gantry End & Podium Controller E-Stop Button System

CE Certification



Configurable Options

Standard Mist Coolant System – (Oil Only)

High Pressure Mist Coolant System (Oil or Oil + Water)

Opticam Cut to Print Camera Registration System

Opticut Single Bay Knife Cutting System

Pop Up/Down Material Location Pins

Heavy Duty Wet / Dry Dust Extraction System

Safety Light Guarding System – Additional Sides

Areas of Application

General Signmaking

POS, Graphic & Display

Print Finishing & Packaging

Plastic Fabrication

Metal Fabrication

Engineering

Architectural & Cladding

Woodworking & Joinery

Exhibition & Set Building

Shop Fitting

Foam Insert Packaging

3D Machining

Contact Us

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