

# Tekcel EXL 2m x 4m

Jan 2023

Solidly engineered for the biggest workloads

The mighty Tekcel EXL is configured to handle the largest format materials available on the market. The most challenging jobs are all in a day's work when there's a Tekcel EXL in your workshop. The Tekcel EXL goes the distance and it won't ever question how far as you'll have all you need onboard to get the job done. It packs the largest punch in the range and with all the power, precision and productivity you'd expect from this class leading CNC brand. It's unbelievably productive and laden with all the latest state of the art features that come as standard. Whether you're supplementing your capacity or even looking for your first system, make sure you don't let the Tekcel EXL pass you by.



**TEKCEL**  
CNC ROUTERS

 **COMPLETECNC**  
SOLUTIONS

## Technical Specification

### MODEL SIZE: 2M x 4M

#### ACTIVE CUTTING AREA

2050mm X 4100mm

#### STANDARD GANTRY CLEARANCE

140mm

#### Z AXIS STROKE

240mm

#### MAXIMUM MATERIAL THICKNESS

140mm (150mm Gantry Height Standard)

#### MACHINE DIMENSIONS

L 5200mm x W 2760mm x H 2000mm

#### SPINDLE MOTOR

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

#### DRIVE SYSTEM

40mm Dia Re-circulating ballscrews 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 (36m/min)

#### MOTION CONTROL SYSTEM

Tommotek GEN III Advanced Motion Controller

#### TOOL CHANGE SYSTEM

Automatic - 17 seat tool bay (Pop Up/Down - Pneumatic)

#### OPERATOR INTERFACE

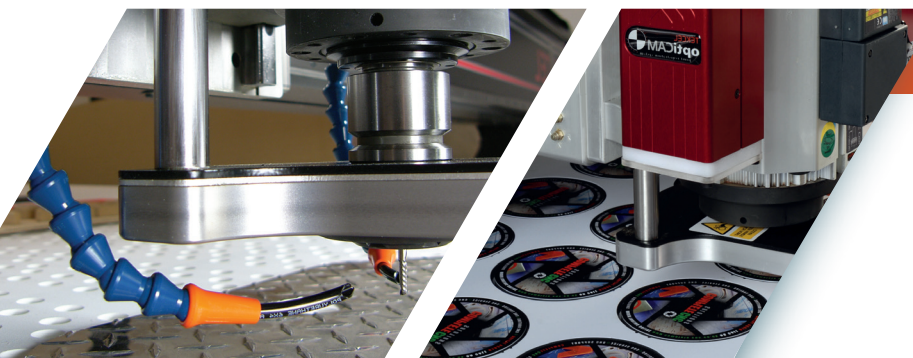
15" Touchscreen Operator Interface – Podium Mounted

#### 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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