

Tekcel EXR 2m x 3m

Power, precision & performance every time

The Tekcel EXR is a world class leading production work horse for many different and varied industries. This system has an outstanding proven track record and has been the No. 1 choice for many prestigious companies worldwide over many years. The Tekcel EXR system can handle many different types of rigid and semi-rigid materials in sheet sizes from 8'x4', 10' x 5' and 2m x 3m. It packs a massive punch 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 standard. Whether you're supplementing your capacity or even looking for your first system, make sure you don't let the Tekcel EXR pass you by.



Technical Specification

MODEL SIZE: 2M x 3M

ACTIVE CUTTING AREA

2050mm X 3100mm

STANDARD GANTRY CLEARANCE

140mm

Z AXIS STROKE

240mm

MAXIMUM MATERIAL THICKNESS

140mm (150mm Gantry Height Standard)

MACHINE DIMENSIONS

L 4200mm x W 2760mm 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 (36m/min)

MOTION CONTROL SYSTEM

TomteK GEN III Advanced Motion Controller

TOOL CHANGE SYSTEM

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

OPERATOR INTERFACE

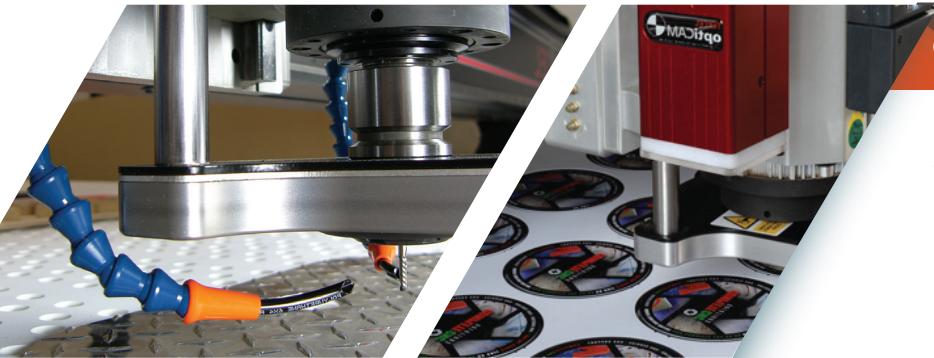
15" Touchscreen Operator Interface – Podium Mounted

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

Additional Vacuum Pump option (EXR Model Only)

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

Telephone: +44 (0) 1934 742 186

E-mail: info@completecnc.co.uk

www.completecnc.co.uk

