



Vector TT FP/FX



Key Features

The VECTOR TT FP and FX are part of the new generation of Lectra cutters. Both machines offer a cutting height of 2,5 cm, and utilize innovative software to ensure optimum quality, productivity and process safety.

The VECTOR TT FP and FX are the ideal tools for any organisation in need of high flexibility and quality for industrial fabric applications. Self diagnostics ensure the machines are ready when you are.



OVERVIEW

The VECTOR TT FP and FX – like the whole new generation LECTRA cutting range – benefits from a totally new design incorporating the best of previous generations with state of the art technology and improved smart services.

Both machines incorporate a conveyORIZED vacuum cutting table utilizing a filtered turbine with an energy saver mode to help control operating cost. Additionally the FX has a variable control on the vacuum to extend the range of materials that can be cut. Lectra's patented Eclipse option allows the FX to cut during the fabric loading which adds up to 10% productivity. For dry carbon fibres (or other applications in difficult environmental conditions) the VECTOR TT FX includes dust protection as standard.

Either machine can be equipped with a 6000 RPM reciprocating knife, or a selection of drag knives to ensure that the machines can cut a wide range of industrial and composite materials. There are also optional drill, pen, and inkjet options to meet the challenges of various applications.

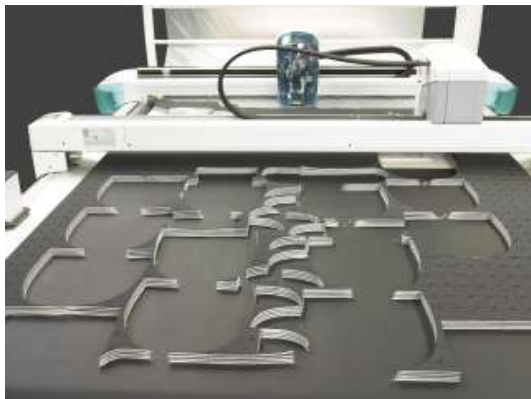
Quality, productivity, and process security are all assured with the Vector TechTex range.

The PILOT software and sophisticated electronics package constantly monitors 120 signals (current, temperature, voltage, etc.) to ensure that the machine is operating within quality specifications for optimal performance. Any potential malfunction is either self corrected by the system, or transmitted to the operator and maintenance staff via on screen warnings and email. The software also incorporates an easy to follow step by step operation wizard to guide the operator and eliminate human errors. A sophisticated user rights management system ensures operators only perform those tasks for which they are qualified.



OPTIONS

- User friendly **PILOT** software with User access control and intelligent cut path management
- **VP Control** : fabric dependent variable vacuum for lofted or foam fabrics (*standard on FX version*)
- **ECLIPSE** : cutting during conveyor advance for more productivity
- **Smart Maintenance System** : possibility of self diagnostics, service alerts, plus remote support capability (*standard on FX version*)
- Double **Quick Change Drill**: rapid drill change without tools
- **Bar Code Reader** : Serial Barcode reader for order input, or fabric control
- **VECTOR METHODS** : manage cutting operations with Bar Code reader and cut specification sheet (for more process safety)
- **Vortex** : Blade cooling device
- **PostPrint** : Labelling system for identification of cut pieces
- **Simple Ink Jet**: for line and/or text plotting.
- **Width Reducer** cutting some fabrics with no plastic or paper
- **Vacuum Booster** :
- **OPM**: Cutter transfer option to move machine between spreading tables.
- **Offloading Aid** : Secondary screen to assist bundlers in part identification.



CUSTOMER BENEFITS

- **Specific cutting tools for composite applications** : KitCut, UD guide,
- **Fabric saving** : reduced gaps between shapes with proximity control in PILOT software, and reduced human error
- **Productivity increase**: Utilization of Eclipse and intelligent cut path management dramatically increase overall throughput.
- **Improved Cutting Quality**: Dynamic control of the cutting path by the Pilot software, and a state of the art motor control system coupled with precise sharpening ensure flawless cutting quality.
- **Industry leading uptime**: Quick drill and blade changes together with a simple and interactive preventative maintenance schedule ensure the machine is available for cutting with a minimum of downtime.
- **Process safety**: On screen operator assistance and VECTOR METHODS spreading and cutting operations controlled through bar code reader to eliminate human error sources.

Technical Specifications

Dimensions(L x W) :	3,822 x 2,604 m
Weight :	2430 kg
Cutting Height :	2,5 cm
Electrical Consumption (Max/nominal) :	31,5 kW / 15 kW
Cutting Window :	72 '' / 1,82 m
Environment :	10 – 43°C / < 95%
Sound level :	77 dB

For more information:

www.lectra.com

