

TOPSPIN

TopSpin

The cutting solution for just in time production

The ideal tool for fast and accurate single-ply cutting

Increased flexibility

TopSpin is the ideal tool for cutting motif and plain fabric quickly and accurately, without long preparation times.

TopSpin is the crucial element in the Lectra FitNet Solution, Lectra Systèmes' Mass Customization solution. It can be easily incorporated into the production of customized and made-to-measure apparel, guaranteeing fast response and impeccable performance quality.

TopSpin is also the ideal cutting room assistant for processing rematches, samples and small items, without disrupting the production process.

Maximum performance and quality

Using a circular blade guarantees extremely accurate cutting.

The other TopSpin tools are high-precision tools for cutting notches and drilling.

The fast acceleration and high cutting speed guarantee excellent productivity combined with consistent quality.



The conveyor-equipped cutting surface, together with the fabric feed systems, allow non-stop production and eliminate the traditional spreading operation.

Optimized production costs

The technology utilized by TopSpin reduces the unused fabric space between pieces, resulting in significant fabric savings.

An efficient vacuum system ensures minimal energy consumption.

Real-time monitoring

Like the whole Lectra Systèmes automated cutting systems product range, the TopSpin utilizes a user-friendly graphic interface for visual monitoring and real-time tracking of the cutting operation.

Cutting parameters such as speeds, acceleration, sharpening, etc. can be stored by material type, with passwords, for greater time savings and quality assurance.



Rapid integration

Installation and training for TopSpin are easy, so it is quickly integrated into the manufacturing process.

A precise solution for cutting matched motif fabrics using the Mosaic option

Mosaic adapts the markers and recalculates the piece geometry to the actual fabric, providing perfectly matched pieces even with highly distorted fabrics.

For optimum use, TopSpin can include various options:

PostPrint prints a label displaying all of the information required by the user, and automatically places it on the cut parts as they are transferred to the unloading area. Information can be printed in text, barcode, or both. The risk of error is minimized and piece sorting is simplified.

Eclipse allows the TopSpin to cut as the fabric automatically advances. With Eclipse, loading, cutting and labeling are a single, non-stop operation, thereby increasing productivity by up to 10%.

Time Management

produces an operation report and identifies unproductive areas of time so that the situation can be easily corrected.

The Mosaic product group allows the cutter to process matched fabrics such as stripes, plaids, or motifs.

Mosaic for simple matched fabrics

Mosaic Expert for bowed and skewed matched fabrics

Mosaic Rotation for tilting and rotating matched fabrics

Mosaic Automatic for automatic motif recognition on all of the above

TECHNICAL SPECIFICATIONS:

- PC-controlled
- Standard equipment: floppy disk drive and network link-up
- 15" color monitor
- Effective cut surface: 3m (118") x 1.82m (72")
- Maximum cutting speed: 100m/min (110 yd/min)
- Minimum floor area: 6.7m(264") x 4.8m (189"), i.e. 33m²
- Room temperature: 10 to 40°C (55°F to 110°F)
- Humidity: 30 to 80% without condensation
- Supply:
 - Three-phase suction, 400V – 50/60hz
 - 3Ph + T/5.5kVA
 - single-phase control 230V – 50/60hz – 2kW
 - Compressed air, nominal pressure: 7 bars – min. 6 bar
 - Maximum flow: 3m³/h
 - Total weight: 1300 kg (2,860 lbs)



Lectra Systèmes

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