THE COMPLETE BLIND-MAKING MACHINE
Elektron Quattro. Cut, scallop, square, crease and mark ~ All on the one table.

The Elektron Quattro Blind-Maker is a complete automated system for window furnishings, screens and awnings. Aeronaut cutters mark, crease, scallop and square without moving fabric on the vacuum table giving productivity increases of over 300% compared with basic semi-manual cutting systems.

The Elektron Quattro's four tool head gives unmatched flexibility for the full range of tasks…cut, crease, mark and punch holes all on the one machine in one operation. Because the Elektron Quattro is an automated system, a single operator can achieve very significant productivity gains and waste reduction compared with manually operated cutting tables. Finish and quality can be maintained without stress, even in busy high season times.

Using our ParaSol software, an operator on the factory floor can produce patterns from an order form ready for nesting and cutting in 15 seconds… or patterns can be automatically generated from your factory sales system. The ability to nest entire queues of patterns on the one table means you get the best use of fabric and perfect consistency on every blind you make.

The Elektron Quattro Blind-Maker is available in configurations to suit small and large factories with options including laser pointers for pattern matching and fabric feeders with integrated light boxes for fabric fault checking.

- Any roller style
- Any roman style
- Any canvas Style
- 4-5 tool capacity
- Cut, crease, mark & scallop
- Simple software
- Nesting reduces waste
- Automated cutting reduces mistakes
- Well proven design
- Customisable patterns
- Rotary blade cutting
- Crush cutting
- Roller creasing
- Marking options
- Drill punch with ejector
- Quick change tooling
- Close to zero maintenance
- Australian made
- Affordable purchase price

Elektron Quattro Automated Cutter

Product Specifications

Features

- Up to four steered tools
- Cam-lock tools on all steered shafts
- Cam-lock tools with angle and height indexing
- Fully interchangeable tools on all steered shafts
- Drill-punch tools have a solid rod ejector
- Software adjustable cutting pressures
- Optional high pressure axes for cut & crease
- Micrometer adjustable drag blade holder
- Low cost consumable pens and blades
- Runs from Macintosh or Windows PCs
- Quality robotic cables running in energy chain
- Ultra Low maintenance
- Cutting widths to 6 metres (20 feet)
- Cutting lengths up to 45m (150 feet)

Advantages

- Multi-tool quick-change future-proof machine
- Rugged heavy-duty construction
- Off-the-shelf pens, blades, bearings and motors
- Concentric pen adaptors for accurate seams
- Very high cutting forces
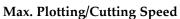- High speed operation
- Very simple to use

Steered Cutting Tools

28mm (1.1") dia Rotary Blade Cutter
18mm (.75") dia Rotary Blade Cutter
Drag blade holder with micrometer depth stop
Drill punch holder with inserts to 19mm (0.75")
Friction & roller creasing tools with many profiles
Many other standard and special order Cam-lock tool types are already available or in development. See the Cam-lock tools brochure for full details.

Marking Tools

Ball points, plastic tipped markers, pressurised markers, paint markers are held in pneumatically operated concentric holders. Flow controls stop tip damage on felt tips.

Max. Plotting/Cutting Speed

>1200 mm/sec (47 ips)

Available Cutting Widths

Any cut width up to 6250mm (520"). If fitted to an Aeronaut vacuum table, width increments are in 80mm (3.2") steps.

Available Cutting Lengths

Any cut length up to 45 metres (150 feet). If fitted to an Aeronaut vacuum table, length increments are in 1200mm (4') lengths.

Options

Vinyl Blade holder for logos, number & stickers.
Bull's eye laser pointer for digitising.
Wireless joystick handset with membrane keypad.

Electrical Requirements

220-220 VAC, at 5 amps
100-120 VAC at 10amps

Compressed Air Requirements

1.5-7 bar @ < 7 l/min (25-80 psi @ < 0.25 cfm)

Specifications subject to change without notice.

Your Authorised Dealer:

ELQT-0512