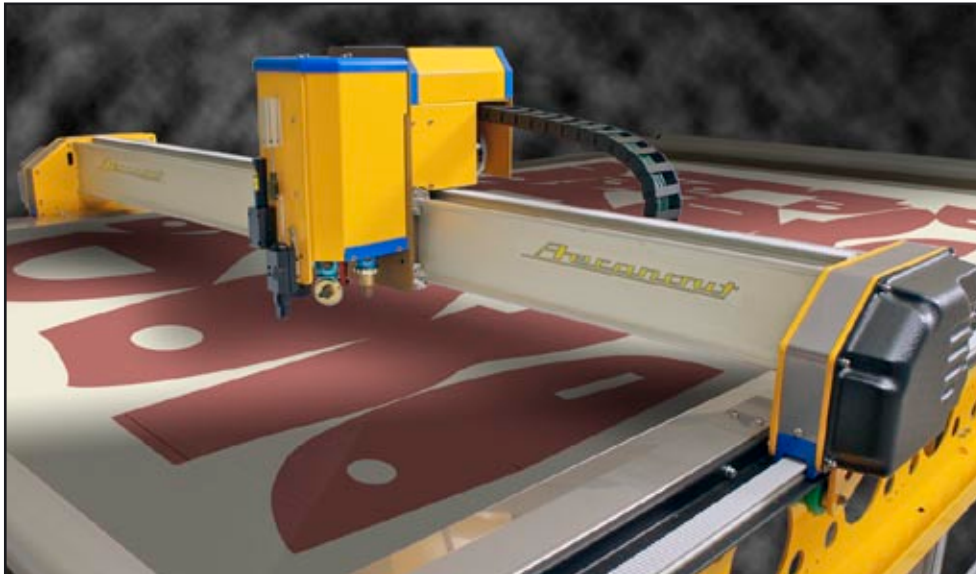




# *Elektron*

Computer Controlled Robotic Plotter-Cutter



## THE AERONAUT ELEKTRON QUATTRO THE SWISS ARMY KNIFE OF PLOTTER~CUTTERS

The Aeronaut Elektron Quattro is a brilliant industrial-strength plotter-cutter of amazing versatility. Designed to be future-proof, the Elektron Quattro has many unique features, carrying on from the tradition of other landmark Aeronaut machines. The Elektron Quattro can carry up to four steered tools. You can order a machine with two or three steered tools, and easily upgrade on-site to the full four. All machines are fitted with a marker and laser pointer holder.

Steered tools are held and indexed with a new (patent pending) Cam-lock system. You can fit and change any tool on any shaft in seconds so you have the right setup for every job, now and in the future. Rotary blades, drag knives, creasing and scoring tools as well as notch tools and drill punches all accurately mount on large diameter precision bearings.

A software controlled digital pressure regulator applies the right force to each tool, so even high pressure tools like drill punches and creasers can be swapped with other tools. If a job needs it, you have the flexibility to use more than one drill punch tool on the same machine... for no extra cost.

The Elektron chassis is light and extremely stiff giving excellent dynamic performance even to machines over 4 metres wide. And the Aeronaut Elektron Quattro has been designed from the beginning for absolutely minimal maintenance and the lowest ownership costs.

- Uniquely versatile
- Quick change multi-tool
- Future proof
- Cam-lock tooling
- 18 and 28 & 45mm rotary blades
- Drag blade holders
- Solid ejector drill punches
- Scoring & creasing tools
- Ominiversal pen holder
- Bull's eye laser pointer
- Affordable purchase price
- Close to zero maintenance
- Compatible with most software and computers
- Cheap, widely available consumables & spares
- Quick installation
- Widely available spares
- Rigid guide extrusions
- Low-backlash Cat drive

# ***The Elektron Quadro Plotter-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

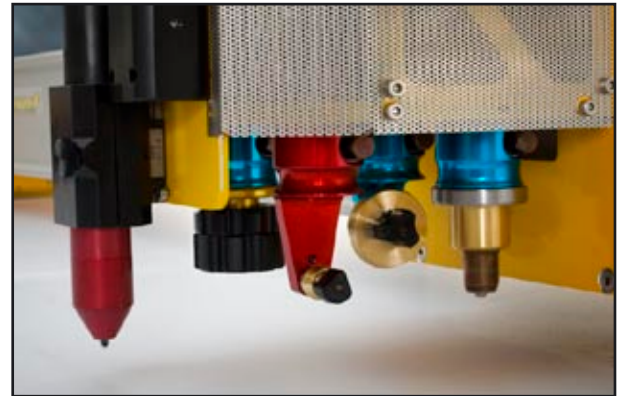


### Steered Cutting Tools

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-0507