



Elektron

Computer Controlled Automated Cutting System



ELEKTRON B1. VERSATILE AND FUTURE PROOF **Cost Effective Automated Cutting with Bayonet Mount Tools.**

The Elektron B1 Automated cutter offers all the benefits of Aeronaut's unique quick-change cutting tooling in an affordable single tool-holder automated cutting system. If you need only one tool per job for most of your work and you want the extra versatility of a cutter which has quick change tooling... and will carry powered tools like ultrasonic and reciprocating blade cutters, then the Elektron B1 is the machine you have been looking for.

Tools can be changed in seconds between cutting jobs or even mid-run. Use a rotary blade for fast cuts, a tangential knife for detailed work or a powered reciprocating blade tool for complex patterns and thick or difficult materials. Fit a drill punch to the machine and you can punch holes to 20mm with ease.

Tools lock in as quickly and easily as the lens on a 35mm SLR camera. So you can change blades off the machine in half the time without having to fiddle about with sharp blades under the cutting head.

And since tools can be swapped so easily, the machine only carries the tool you need for the job. You only buy the tools you want. And additional tools can be added when the need arises, effectively future-proofing the machine.

The Elektron B1 uses the same intelligent, solid, rational engineering as the all Elektron automated cutters and has the same exceptional performance and software compatibility.

- One quick-change bayonet steered tool
- Marker pen holder
- Optional drill punch
- Rotary blade tools
- Recipro blade cutters
- Tangential knives
- Creasing tools
- Ultrasonic Cutting
- Extremely versatile
- Future proofed
- Cut any shape
- Eliminate mistakes
- Reduce waste
- 10 second tool changes
- Reliable Elektron chassis
- Very low maintenance
- Easy servicing
- Affordable purchase price

Product Specifications

Features

- High performance cutting and marking.
- One tangentially steered bayonet tool holder
- Heavy duty bayonet mount
- Wide range of bayonet mount tools available
- Omniversal pen holder accepts all markers
- Optional drill punch for holes
- Multi-zone table option
- Digital pressure gauge option
- High cut pressure option
- Integrated laser alignment pointer option
- Switchable vacuum area configuration

Advantages

- Automated cutting of any shape hands-off
- No need to move the fabric between cuts
- Cut simple or complex shapes with ease
- Easy and safe blade changes
- Clean, precise cutting
- Very Simple to learn and use
- Multi-purpose machine does many jobs

Steered Tools

Any tool fitted with a standard Aeronaut bayonet mount including rotary blades (18mm, 28mm and 45mm diameter), creasing and scoring tools, tangential knives, reciprocating blade cutters, ultrasonic cut and seal tools etc.

Other Tools

Ball point, pressurised ball point, paint and plastic tipped marker holders. Drill-punch with quick change punch inserts. Electric powered drills, mills and routers. Vinyl & Stencil cutting blades (in special holder.)

Contact the factory for full details.

Available Cutting Widths*

1.6m (63")	2.7m (106")
2.0m (79")	3.0m (118")
2.4m (95")	3.3m (130")

* Other widths available on request.

For minimum table width add 440mm (17.3").



Available Cutting Lengths*

2.4m (7.9')	6.0m (19.6')
3.6m (11.8')	7.2m (23.6')
4.8m (15.7')	9.6m (31.5')

* Other lengths available on request.

Vacuum tables are normally fitted with extensions to allow the full vacuum bed to be used. Where extensions are not added, physical length is as above, & cut length is approx 400mm shorter.

Electrical Requirements

220-240 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:

EKB1-0309