



Elektron

Computer Controlled Robotic Sample Maker



THE COST EFFECTIVE ANSWER ON SAMPLE MAKING AND SHORT~RUN PRODUCTION

The Aeronaut Elektron B2 is the latest version of the most cost-effective sample maker you can buy. The combination of a heavy-duty Elektron chassis and Aeronaut's time proven bayonet mount tooling makes the Elektron B2 a market leader in terms of cost, performance and reliability.

The Elektron B2 is designed to handle every production requirement from basic packaging and die-less cutting to POP and digitally printed displays in a wide range of materials from box board to corflute and tri-wall, 24 hours a day,

Drop-in bayonet mount tooling means the cutter can be reconfigured in seconds to give un-matched versatility, making the machine as much at home in the design studio as a short run box factory.

Software controlled cut and crease pressure with a wide range of blade types and creasing profiles assure excellent and repeatable quality results. A wide range of optional tools including static knives, fabric cutters and kiss cut sign blades are available.

Cutting tables are available in a wide range of sizes which can be extended on site. Tables come with a low cost, high friction cutting mat and switchable vacuum zones with a matching computer workstation.

- Reciprocating blade cutter
- Static knife tool
- Heavy-duty creaser with 4 quick-change profiles
- Software controlled cutting & X/Y creasing pressure
- Kiss cut tool for vinyl
- Wide range of plotting pens
- Laser pointer or camera for registration of pre-printed board
- Drill punch option
- 10 second blade changes
- Reciprocating cutter takes almost any blade without modification
- Continuous high-speed operation
- Wide range of cutting table sizes extendable on-site
- Low-cost high friction cutting mat
- Multiple vacuum zones
- Operator workstation
- Very low maintenance
- Quick & easy servicing
- Widely available spares
- Compatible with all major design software
- Affordable purchase price

Elektron B2 Sample-Maker



Product Specifications

Features

- Three phase electronic reciprocating knife
- Cuts from E flute to Tri-wall with the same tool
- Heavy duty creasing tool
- Wide range of creasing/scoring profiles (4 std.)
- Omniversal pen holder accepts all markers
- Optional hole punch
- Dual X-Axis high torque motors
- Low cost consumable pens and blades
- Different X/Y crease pressure
- All-round access to flat top table
- High-grip porous rubber cutting surface
- Digital pressure gauge for software set pressures
- Ink jet marking pen option
- Integrated laser alignment pointer option
- Very Low maintenance
- Switchable vacuum area configuration

Advantages

- High speed cutting for profitable short run
- Very wide range of materials and thicknesses
- Lower cost and greater functionality
- Very high creasing forces possible
- Micrometer depth adjustment
- Very Simple to learn and use
- Compatible with industry standard software

Steered Tools

Electronically controlled three phase reciprocating blade cutter with titanium blade holder and micrometer adjustable flat foot depth stop.

Creasing tool holder with four standard crease profiles. Other profiles available on request.

Static knife tool are available.

Other Tools

Ball point, pressurised ball point, paint and plastic tipped marker holders.

"Big-foot" for working with distorted board

Drill-punch with quick change punch inserts.

Electric powered drills, mills and routers.

Vinyl & Stencil cutting blades (in special holder.)

Fabric cutting tools.

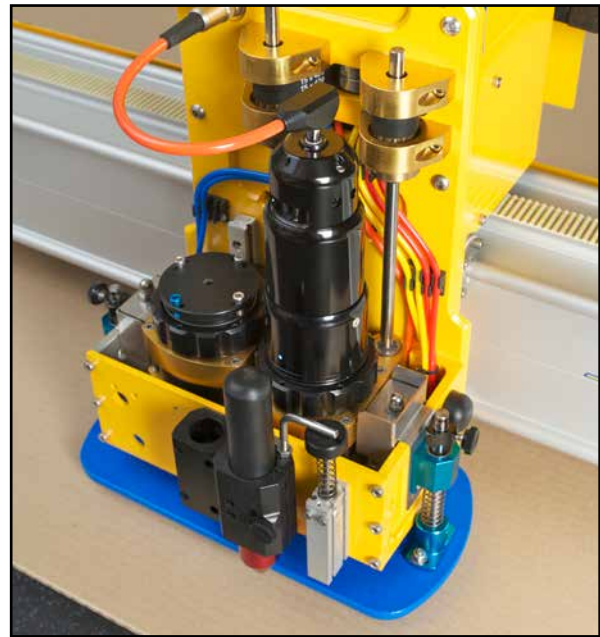
Contact the factory for full details.

Available Cutting Widths*

1320 (52")	1676 (66")	75" 1905
2286 (90")	2590 (102")	3048 (120")
3430 (135")	3810 (150")	

* Other widths available on request.

For minimum table width add 440mm (18").



Available Cutting Lengths*

1200 (47")	1900 (75")	2400 (94")
3100 (122")	3600 (142")	3048 (120")
4350 (172")	4800 (189")	

* Other lengths available on request.

Table length is approx. 550mm longer than cut length.

Max Speed 50 ips (1300 mm/sec)

Accuracy & repeatability 0.02" (0.3mm)

Vacuum system capacity is related to vacuum table size... 2.2 > 7.5 KVA. Higher capacity systems are three phase.

Electrical Requirements

220-240 VAC, at 5 amps

100-120 VAC at 10amps

Cutter head wired for 24 volts @ 6 amps

Compressed Air Requirements

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

Specifications subject to change without notice.

Your Authorised Dealer:

EKB2SM-0517