



*Computer Controlled
Robotic Plotter Cutters*



BAYONET LOCKING QUICK CHANGE TOOLS

Aeronaut developed a unique range of top loading bayonet locking quick change tools for the Maxis II plotter in 1997. Since then the range of tool options has expanded to make the Elektron B2 the most versatile automated cutter for industrial textiles.

The large diameter of the Aeronaut bayonet lock toolholder means it is able to carry not only a wide range of static tools such as rotary blade cutters, drag blades, chisel and roller creasers, but also powered tools. Blades can be easily and safely changed with the tool removed from the machine.

Aeronaut's reciprocating blade cutter is versatile and powerful tool, able to cut through materials like rubber, corrugated board, coreflute, leather and ethafoam. The cutter has a micrometer depth stop and can take many different off-the-shelf blade types in its titanium blade holder.

Other powered tools can be fitted such as drills, routers, sanders and ultrasonic tools. Aeronaut can supply blank bayonets for customers to fit their own tools. Air and electrical power can be taken directly from the cutting head.



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Bayonet Lock tooling

Product Specifications



28mm ball bearing rotary blade holder.

The most commonly used size of rotary (pizza) blade. Hardened steel blade axle. Lockable blade for semi-drag blade cutting. Available with a range of blade support discs for thin and thick fabric & multi-ply cutting. Replaceable bearings.



18mm ball bearing rotary blade holder.

Used for detailed work, internal cuts & small radius corners. Hardened steel blade axle. Replaceable bearings. All rotary blade axles are precision parts made from fully hardened steel and very rarely need replacing even when used at the very high cutting pressures possible with Aeronaut cutters.



45mm ball bearing rotary blade holder.

Used for large scale work with large radius curves and on thick material such as carpet. Hardened steel blade axle. Available with a range of blade support discs thick fabric & multi-ply cutting. Replaceable bearings.



Universal drag blade holder.

Used for detailed work, internal cuts, cardboard, pre-preg, signs, stencils and plastic. Micrometer adjustable and lockable depth stop. The Universal drag blade holder takes a wide range of off-the shelf and commonly available blade types.



LC drag blade holder.

Used for detailed work, internal cuts, cardboard, pre-preg, signs, stencils and plastic. Micrometer adjustable and lockable depth stop. The LC blade holder takes smaller off-the shelf and commonly available blade types.



Roller creaser holder.

Used for scoring, marking and creasing a range of materials including canvas, cardboard, plastic and corflute. A large number of job-specific creasing and scoring profiles are available from hardened steel sharp profiles to soft curved profiles.



Chisel Creaser Holder.

This creaser is used to crease, score or mark hard or stiff woven fabric or solid plastics for folding. It can be used to mark material so the markings are visible on the reverse.



Power drills, routers, sanders, drills and ultrasonic tools are available. Contact the factory for details.