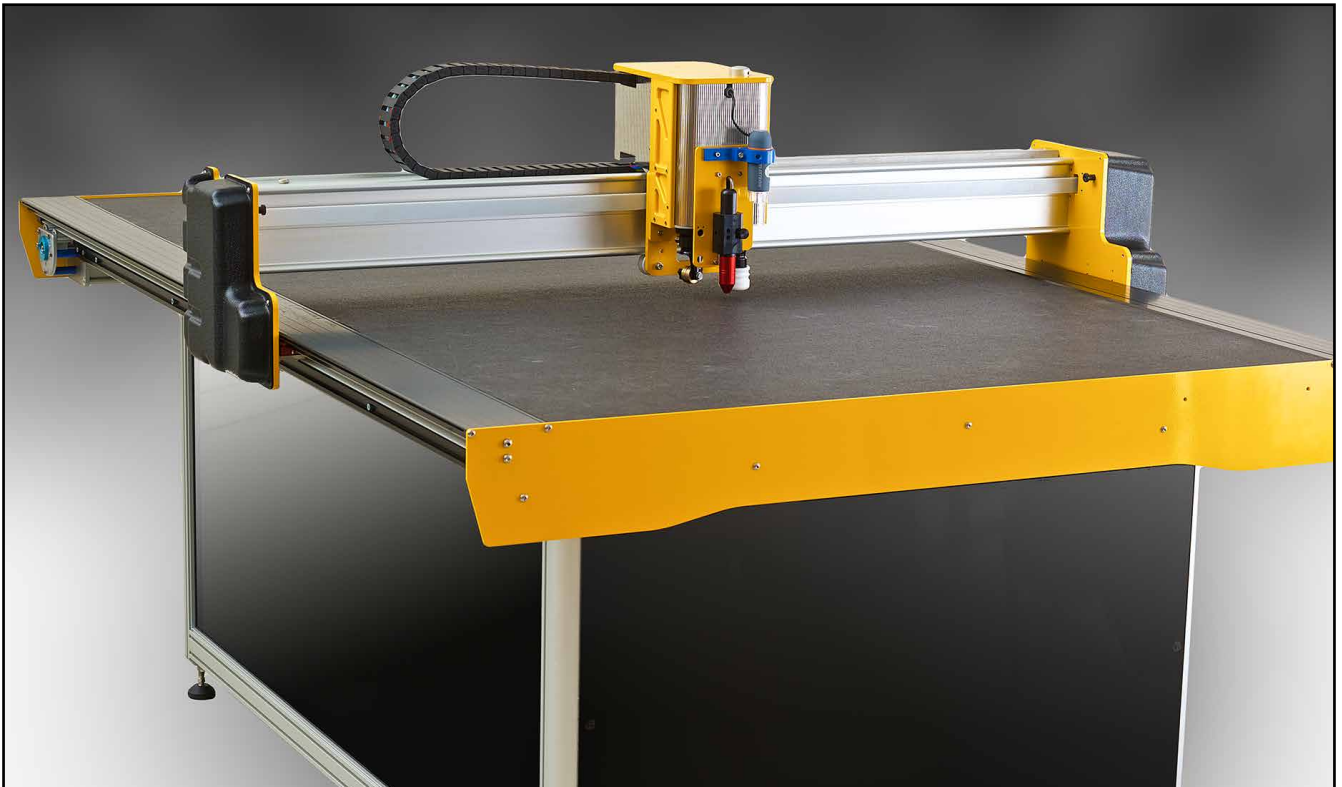




Mikron 2

Computer Controlled Robotic Cutter



MIKRON 2 AUTOMATED CUTTER FAST, ACCURATE, VERSATILE AND RELIABLE EUROPEAN QUALITY, AUSTRALIAN MADE, ASIAN PRICE

Aeronaut's Mikron 2 is the perfect automated cutter for the package design studio, modelling workshop and archive box making. The Mikron 2 is a fast and accurate industrial-strength machine in a clean, compact format. With two steered quick-change tools, a marker pen holder and an optional gantry-mounted camera, the multi-tasking Mikron 2 can handle any work you put on the vacuum table.

Fitted with a tangential blade and creasing tool, the Mikron 2 is a quick and powerful cutter for archive boxes, point of sale, package design and sample-making and fast enough to be used for short runs. The Mikron uses low-cost off-the-shelf blades and its minimal maintenance requirements make it as cheap to run as it is to own.

With its 10 second tool change Cam-lock tools, the Mikron 2 can be reconfigured with a rotary blade cutter, creaser, drill punch or perforating tool to take on tasks from architectural model making to cutting fashion fabrics, composites and specialised medical materials.

The Mikron 2's integrated vacuum table can be fitted with different cutting surfaces. Porous rubber for flat materials such as corrugated board cut with a drag blade or a plastic surface for roll textiles cut with a rotary blade. The Mikron 2 comes in two sizes and with a single phase vacuum pump, it can be run from a standard electrical outlet.

Mikron 2 Automated Cutter



Product Specifications

Features

- Two steered quick change Cam-lock toolholders
- Omniversal pen holder accepts all markers
- Gantry-mounted camera option
- Wide range of creasing/scoring profiles (4 std.)
- High torque motors on X, Y and Z Axes
- Single phase control cabinet and vacuum pump
- Low cost consumables such as pens and blades
- Micrometer depth adjustment
- All-round access to flat top table
- High-grip rubber cutting surface for cardboard
- Drilled polypropylene or HDPE surface for fabric
- Porous plastic table top option
- Switchable vacuum area on larger table size
- Material thickness up to 8mm

Advantages

- High speed cutting for profitable short run
- Designed and manufactured in Australia
- Very high cutting and creasing forces possible
- Very Simple to learn and use
- Very low maintenance and low running costs



Steered Tools

Any tool from Aeronaut's Cam-lock tool range can be fitted. Tools include 18mm, 28mm & 45mm rotary blades, Omniversal and LC tangential blade holders with micrometer depth adjustment, creasing, scoring and crush-cut profiles. Perforating tools. Drill punches from needle point to 25mm diameter.

One tool shaft has top-set micrometer depth adjustment typically for use with tangential blades. Tool axes are available with optional higher pressure.

Other Tools

The Omniversal pen holder takes almost any type of marker from paint pens to pressurised ball point refills. Sign blade cutters can be fitted to the pen holder clamp.



Min Working Area

Mikron 2 Standard - 1140 x 1650 (44 x 65")

Mikron 2 MX - 1270 x 2590 (50 x 102")

Machine Dimensions

Mikron 2 Standard <> 1520 x 2180 (60 x 86")

Mikron 2 MX <> 1760 x 3190 (69 x 125")

Max Speed 1300 mm/sec (50 ips)
Accuracy & repeatability 0.02" (0.3mm)

Vacuum tables are 2.2 kVA as standard. Higher capacity vacuum pumps can be fitted but will three phase.

Electrical Requirements

220-240 VAC, at 10 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