Stencil creation for professionals

The Elried stencil cutting system impresses with its high performance and unique precision. Due to the perfect match of functionality and performance, it is a high-performance marking system.

With a maximum media width of 920 mm and a working surface of 762 mm (30 inch), the cutting system offers a wide range of applications with a wide variety of stencil materials. Thanks to the special knife with intelligent tangential cut, clean and flawless cutting results are achieved even with the smallest fonts and graphics.

The unique paper guide, developed by Elried, enables cutting without a backing material. The integrated perfo cut setting also prevents changing the cutting strips.

For users

who create a large number of stencils and require a reliable, robust stencil machine.

Find more information at elried.de

- The additional Cross-Cut knife automatically cuts off the final stencil

- Intelligent tangential cut guarantees clean corners, even at small fonts

- Use with user-friendly Elried StencilCut software

- Work either in the network or offline. From any number of PCs

- Clever cutting without carrier material due to special paper guide

- Large stencils thanks to the maximum cutting area of 76,2 cm (30") x 5.000 cm

- Cut craft paper, oiled cardboard and plastic stencils with one device

- 12 month warrantee (consumables excluded)

Technical specifications

Stencil cutting system

Configuration	• Digital sensor motor
Max. cutting surface (W x L)	• 762 mm x 50 m
Media width Min.	• 50 mm
Media width Max.	• 920 mm
Max. media weight	• 12 kg
Max. width for cross cutter	• 762 mm
Max.cutting speed	• 1485 mm/s
Acceleration	• Max. 39.2 m/s2
Cutting force	• Max. 5.88 N (600g)
Min. character size	• Approx. 2-3 mm alphanumeric (depending on font and medium)
Mechanical resolution	• 0,005 mm
Repeatability	• Max. 0,1 mm / 2 m (without expansion or contraction of the medium)
Number of pinch rollers	• 3
Number of usable tools	• 1 (optional extension with a second pen holder)
Knife	• Super steel
Pencils	• Oil-based ballpoint pen, water-based felt pen
Elried media types	• Stencil roll of oil cardboard and kraft paper (up to 570 mm media width)
	• PE stencil film UltraCut and PP stencil film SSB (up to 620 mm media width)
	• Various other foils on request
Display	• Backlit CD (240 pt x 128 pt), supports 10 languages
Interfaces	• USB 2.0 (Full Speed), Ethernet 10BASE-T/100BASE-TX)
Storage	• 2 MB
Software	• Elried StencilCut Software
Power supply	• 100 V to 240 V AC, 50 / 60 Hz
Input	• Max. 120 W
Operating conditions	• Temperature: +10 ° C to + 35 ° C / humidity: 35% to 75% (non-condensing)
Dimensions (B x T x H) ca.	• 1360 x 1151 x 1232 mm
Weight with stand approx.	• 49 kg
Approvals	• PSE, UL/cUL, CE mark
EMC	• VCCI Class A, FCC Class A, CE mark

Scope of delivery

• Base with roll holder and collecting basket
• Knife holder for 0.9 mm knives, knife blade 0.9 mm 45 °
• Felt-tip pen holder for felt-tip pens, black felt-tip pen
• USB connection cable, Windows® driver
• PlugIn Cutting Master for Adobe® Illustrator and CorelDRAW
• Elried StencilCut Software

Warranty

• 12 month (consumables excluded)