



MIURA KATANA

precision cutting, every time

Automatic XY cutter
for **wallpaper** with
innovative cutting system

www.flexa.it

FLEXA
AUTOMATION FOR SIGN MAKERS

MIURA KATANA

Say goodbye to visible cutting lines! With the revolutionary Miura Katana, every cut is a flawless masterpiece. Designed specifically for **wallpaper**, this automatic XY cutter **eliminates the white cutting edges**, ensuring perfect alignment without the need for touch-ups.

No more visible seams, no more manual retouching with pencils – just seamless results every time.

PATENT PENDING



precision cutting, every time

✓ Innovative cutting unit

The new innovative lengthwise shear cutters allow a perfect cut **avoiding the "white core"** on the edge of the patterns. Each blade is motorized

✓ Maximum cutting precision

The **two edge control systems** guarantee perfect joints of pattern and designs. The sensors have a reading accuracy of 0,05 mm. **No need to control the match of the patterns after cutting**

✓ Zero mistakes

Each lengthwise shear cutter is equipped with a **high resolution digital display** that indicates the exact positioning

✓ Zero waste cutting

Each cutting unit includes a **fine positioning of the cutting blades** for micro-adjustments. The result is a perfectly cut wallpaper with zero waste

✓ Touch screen display

Intuitive settings of the cut parameters

✓ Long-term reability

The cutting units are mounted on a linear recirculating ball bearing system, which allows for extremely precise positioning and ensures long-lasting durability

✓ High productivity

Combines horizontal and vertical cutting for the fastest finish of your rolls.

It can operate as a stand-alone unit, inline with a printer, or inline with Flexa unwinder, starting from a jumbo roll of max. weight 400 kg and a diameter of Ø 600 mm

✓ Cutting flexibility

Three cutting modes: 1. automatic by crop marks; 2. sheeting; 3. manual: Miura can trim different lengths from the same printed roll

✓ Smart remote system

Miura can be connected to the internet network for remote assistance, for fast and efficient diagnostics

✓ Made in Italy

Designed and manufactured in Italy with Flexa guarantee of pre-sales, after-sales and maintenance



Dual control

No more MISALIGNMENT

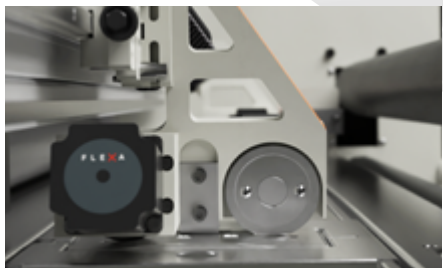
The dual alignment control guarantees **extreme cutting precision**.



Dual traction rollers

No more CREASING

The dual traction rollers ensure the paper remains taut, preventing wrinkles.



Dual blades

No more WHITE LINES

The **innovative patent pending cutting system** avoids the "white lines" being visible at the junction point once the tiles are coupled.



Miura Katana

No more TOUCH-UPS

Our **new exclusive technology** removes the need for touch-ups eliminating unpleasant white lines at junction points during installation.

Suitable for different types of wallpaper, even the most difficult to cut:



Waterproof, fiberglass, TNT, viscose, linen, Alcantara, woven plant fibres, organic nonwoven fabric made with plant-based raw materials, sound-absorbing substrate wallpaper and many more

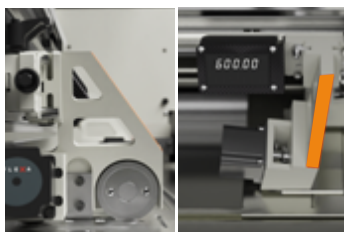




Two optical sensors for vertical alignment: the first one on the roll, and the second one near the shear cutting unit



Touch screen control panel



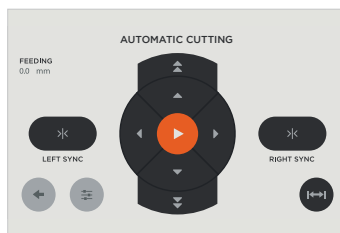
Three motorized lengthwise shear cutters, two single and one twin, with digital display that indicates the exact positioning



Front rewinding system: it rewinds the cut media up to three smaller rolls (optional)



Fine positioning of the cutting units



User-friendly software design



Can be fitted with: (optional):
 1. Motorized Stacker in line with the cutter: height and inclination electronically adjustable; extensible length up to 3,2 meters
 2. Folding collecting table
 3. Tilttable collecting table with wheels

- ✓ Air blow system for easy flow
- ✓ Advanced cutting mark reader
- ✓ Clean working area thanks to the big waste basket



Working width	1650 mm (65 in)
Feeding speed	1 - 15 m/min (3 - 49 ft./min)
Usable lengthwise cutting units	2 single + 1 twin cutting units
Cross cutting speed	5 - 120 m/min (16 - 393 ft./min)
Max. roll diameter	Ø 300 mm (12 in)
Max. roll weight	80 kg (176 lbs)
Power supply	110 V/230 V - 50/60 Hz - 1650 W
Dimensions (W x L x H)	2500 x 1610 x 1600 mm (98 x 63 x 63 in)
Weight	800 kg (1763 lbs)

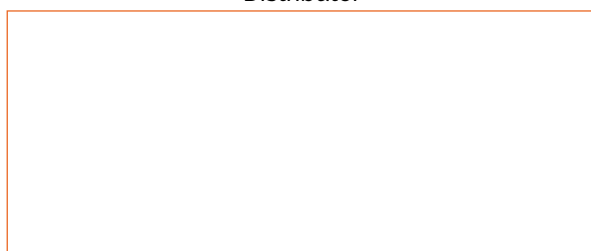
Manufactured in compliance with CE regulations



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Distributor



100% Made by FLEXA
 100% Made in Italy



Papergraphics is proud to be Flexa's key UK distributor for the Miura Katana High-Precision XY Cutter.

Overview

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papergraphics

As Flexa's lead UK distributor, Papergraphics was the first to experience their groundbreaking new Miura Katana automatic cutter. Our Head of Technical, Graham, shares his thoughts: "It's all about the dual shearing blades, angled perfectly to cut without leaving white edges—something businesses have been crying out for. I was fortunate to visit Flexa's headquarters in Italy and saw its effectiveness first-hand. It is impressively accurate, even at high speeds."

If you'd like to know more about the Flexa's Miura Katana, please call the team at Papergraphics on 0345 1300 662
