

# MIURA KATANA

precision cutting, every time

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

[www.flexa.it](http://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**, **in-line with a printer**, or **in-line with Flexa unwinder**, starting from a jumbo roll of a diameter of Ø 600 mm, max. weight 400 kg

## ✓ 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

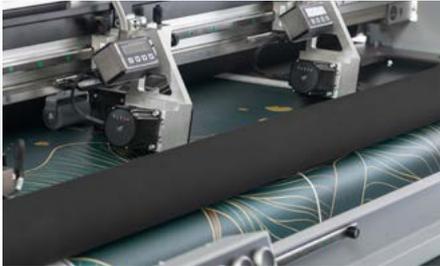
## ✓ Made in Italy

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.**



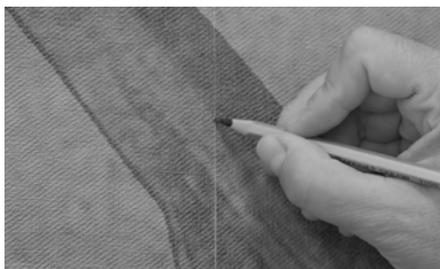
## Dual traction rollers No more CREASING

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



Three motorized lengthwise shear cutters, two single and one twin with digital display that indicates the exact positioning to the hundredth of a millimeter (twin cutters optional)



Front rewinding system: it rewinds the cut media up two smaller rolls (3" or 2" optional)



Fine positioning of the cutting units on each shear cutter



Self-learning reader



Air blowing system for easy flow (optional)



Can be fitted with (optional):  
 - Folding collecting table  
 - Tilttable collecting table with wheels up to 3,2 meters

**NEW**



Miura Katana can work:  
 - **in-line with a printer**  
 - **in-line with Flexa unwinders** starting from a jumbo roll of Ø 600 mm, max. weight 400 kg

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 - 650 W
Dimensions (W x L x H)	2469 x 1423 x 1560 mm (97 x 56 x 61 in)
Weight	800 kg (1763 lbs)



It works with air compressor (not included).

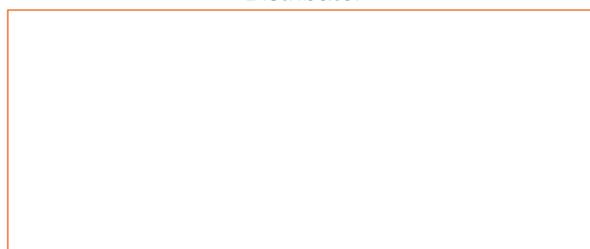
Manufactured in compliance with CE regulations



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