

NEW

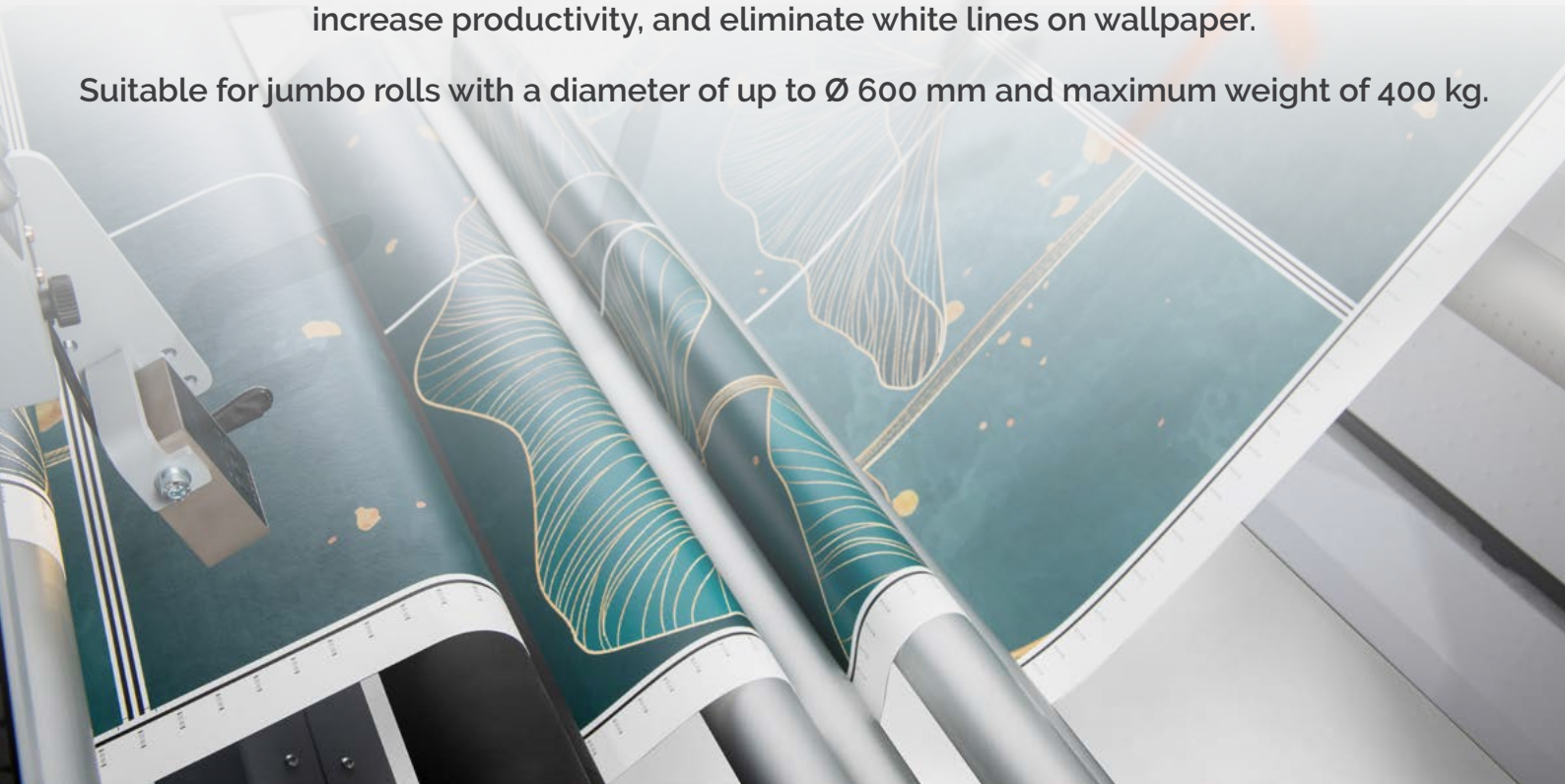
IN-LINE SYSTEM FOR THE AUTOMATIC CUTTING OF WALLPAPER



UD 170 / MIURA KATANA

Integrated solution with the printer to automate in-line cutting,
increase productivity, and eliminate white lines on wallpaper.

Suitable for jumbo rolls with a diameter of up to Ø 600 mm and maximum weight of 400 kg.



IN-LINE SYSTEM FOR THE AUTOMATIC WALLPAPER CUTTING

Absolute precision. No touch-ups. Maximum efficiency.

A solution designed to work in-line with large-format digital printers and easily integrate into existing workflows.

The Miura Katana automatic XY cutter ensures extremely precise cutting thanks to a revolutionary system that **eliminates white cutting edges**, ensuring perfect alignment **without the need for touch-ups**.

An ideal choice for those seeking high productivity, excellent results, and minimal operator intervention.



Unwind, Print, and Cut.

The ideal solution for perfect cutting, without interruptions.

✓ WORKFLOW OPTIMIZATION

The UD 170 motorized unwinder feeds the printer continuously with maximum accuracy. The Miura Katana automatic XY cutter completes the process with precise and immediate cutting, ensuring uninterrupted continuous production

✓ ACCURATE UNWINDING **NEW**

The UD 170 unwinder is equipped with an **ultrasonic sensor for automatic vertical alignment** (optional), allowing it to work even with rolls that are not **perfectly wound**. This ensures perfect centering **without ever needing to stop the printer**

✓ NO MORE WHITE LINES **NEW**

The new innovative lengthwise shear cutters of Miura Katana cutter allow a perfect cut of wallpaper **avoiding the "white core"** on the edge of the patterns once the panels are aligned. Each blade is motorized

✓ MAXIMUM CUTTING PRECISION

The **two edge control systems** of the cutter 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**

✓ CHOOSE YOUR IDEAL CONFIGURATION

The cutter can operate in an in-line print-and-cut setup or as a stand-alone unit. The unwinder can also be used to feed an automatic XY cutter Miura

✓ USER-FRIENDLY INTERFACE

The unwinder and the cutter are equipped with intuitive touch screen control panel for quick and easy parameter setup

✓ MADE IN ITALY

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

>> 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

CONTINUOUS WORKFLOW



This in-line system allows for handling jumbo rolls with a diameter of up to 600 mm and a maximum weight of 400 kg.

It is the ideal choice for those who want to:

- Maintain a **continuous workflow**
- **Increase production autonomy**
- Reduce downtime by avoiding frequent roll changes

Suitable for **handling long print runs without interruption**, improving operational efficiency, and ensuring consistent, high-quality results.

Compatible with a wide range of roll-to-roll printers.

PRECISE ALIGNMENT, CUTTING WITHOUT WHITE LINES



The **ultrasonic sensor of the UD 170 unwinder** (optional) automatically aligns the incoming roll vertically, providing stable and centered feeding, even with rolls that are not perfectly wound.

The innovative **V shaped angled cut system** of Miura Katana (patent pending) prevents "white lines" from being visible at the junction point once the wallpaper panels are joined.



The dual alignment control of Miura Katana guarantees **extreme cutting precision**.





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)



Fine positioning of the cutting units on each shear cutter



Diameter reading sensor of the roll of the unwinder



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



Dancer for media from the printer to the automatic cutter



Feeding tray for easy loading of the media to be printed, manageable by a single operator (optional)

Working width	1650 mm (65 in)
Max. roll diameter	600 mm (16 in)
Max. roll weight	400 kg (882 lbs)
Power supply	UD 170: 230 V - 50/60 Hz - 650 W Miura Katana: 11 V/230 V - 50/60 Hz - 650 W
Dimensions UD 170 unwinder (W x D x H)	2685 x 720 x 1120 mm (106 x 28 x 44 in)
Dimensions Miura Katana automatic cutter (W x D x H)	2469 x 1423 x 1560 mm (97 x 56 x 61 in)
Weight UD 170 unwinder	355 kg (782 lbs)
Weight Miura Katana automatic cutter	800 kg (1763 lbs)



It works with air compressor (not included)

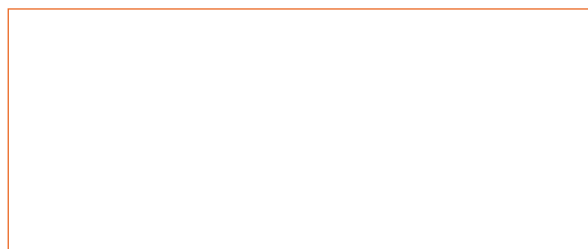
Manufactured in compliance with CE regulations



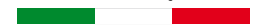
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