

FLEXA

AUTOMATION FOR SIGN MAKERS



SLIT

IN-LINE SYSTEM FOR UNWINDING AND REWINDING JUMBO ROLLS



UD 170 / RD 170

A solution designed to be integrated with a printer or into an existing workflow.

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

IN-LINE SYSTEM FOR UNWINDING AND REWINDING JUMBO ROLLS

Maximum productivity. Absolute precision. Minimal operator intervention.

A system engineered to **work in-line** with wide-format digital printers and seamlessly integrate into your current production workflow. The motorized unwinder and rewinder handle **jumbo rolls with a diameter of up to Ø 600 mm and a maximum weight of 400 kg**, even without the constant presence of an operator.



Unwind, Print, and Rewind. A smart solution for a seamless workflow.

✓ WORKFLOW OPTIMIZATION

The UD 170 motorized unwinder feeds the printer continuously with maximum accuracy, while the RD 170 motorized rewinder collects the printed roll

✓ 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**

✓ PRECISE REWINDING **NEW**

The RD 170 motorized rewinder, positioned at the printer's output, features an **optical sensor for automatic vertical alignment** of the printed roll (optional), ensuring precise rewinding

✓ INCREASED PRODUCTIVITY, ZERO WASTE

Perfect rewinding improves overall productivity, eliminates waste, and ensures greater cutting accuracy in subsequent steps when using our Miura automatic cutters

✓ CHOOSE YOUR IDEAL CONFIGURATION

The unwinder and rewinder can operate in-line with a printer. The unwinder can also be used to feed an automatic XY cutter Miura

✓ USER-FRIENDLY INTERFACE

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:

- > Wallpaper
- > Paper and blueback paper
- > Vinyl & self-adhesive vinyl / Backlit & frontlit
- > PVC banner
- > TNT
- > Other flexible materials wound in roll

CONTINUOUS WORKFLOW



This in-line system is the perfect choice for those who want to:

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

Ideal 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.

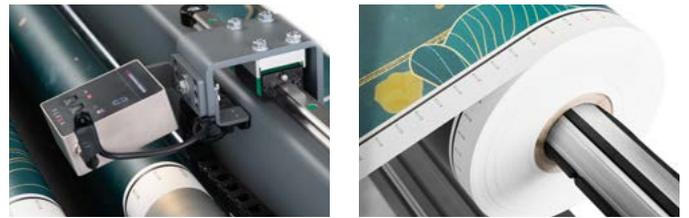
PRECISE ALIGNMENT

The UD 170 and RD 170 in-line system has been developed to ensure **consistent accuracy** during both unwinding and rewinding, minimizing waste even without continuous operator supervision.



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 **RD 170 rewinder** is equipped with an **optical sensor** (optional) that detects printed marks and maintains correct alignment during the collection of printed material.





Heavy-duty pneumatic expanding shaft, 3" diameter
Other diameters available on request



Diameter reading sensor of the roll for both unwinder and rewinder



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



Vertical dancer for media handling on both unwinder and rewinder



Touch screen control panel

UD 170 PLUS / RD 170 PLUS

UD 170 / RD 170

| | UD 170 PLUS / RD 170 PLUS | UD 170 / RD 170 |
|---------------------------------|---|---|
| Working width | 1650 mm (65 in) | 1650 mm (65 in) |
| Max. roll diameter | 600 mm (16 in) | 600 mm (16 in) |
| Max. roll weight | 400 kg (882 lbs) | 400 kg (882 lbs) |
| Automatic vertical alignment | Included | - |
| Power supply | 230 V - 50/60 Hz - 650 W | 230 V - 50/60 Hz - 650 W |
| Dimensions unwinder (W x D x H) | 2685 x 720 x 1120 mm (106 x 28 x 44 in) | 2685 x 720 x 1120 mm (106 x 28 x 44 in) |
| Dimensions rewinder (W x D x H) | 2685 x 820 x 1140 mm (106 x 32 x 45 in) | 2685 x 820 x 1140 mm (106 x 32 x 45 in) |
| Weight unwinder | 355 kg (782 lbs) | 355 kg (782 lbs) |
| Weight rewinder | 470 kg (1036 lbs) | 470 kg (1036 lbs) |



It works with air compressor (not included).

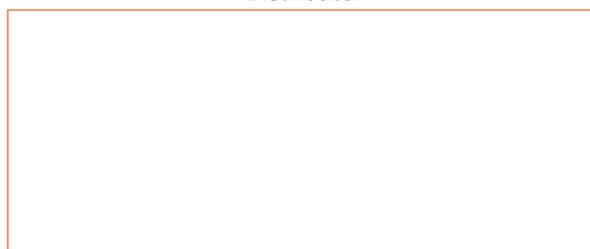
Manufactured in compliance with CE regulations



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