

# Unwinding Module UW6

## With Performance Like This, You'll be On a Roll



### Unwinding Module UW6

#### Purpose

Continuous supply of non-impact printers off the roll over a period of several hours.

#### Method of operation

By pressing a switch the roll with the mandrel inserted is brought into the working position by the motor-driven mechanism. After the paper-web has been pulled in manually, initialization of the module takes place automatically. The roll is driven at the center. The unwinding speed follows the requirements of the printer, under electronic control. The paper rolls can be unwound in either direction of rotation.

#### Basic equipment

- Unwinding support-frame with electro-mechanical roll insertion
- Operator interface with touch screen
- Adjustable photocell for detecting minimum roll diameter
- Fully automatic dancer lift
- Loop control

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### Technical versions

- Lifting device dancer for heavyweight paper >180 g/m<sup>2</sup>
- Vacuum for cyclical operation
- Service unit for external air supply
- Compressor for built-in air supply
- Choice of pneumatic mandrels, for core diameters of 70 mm, 150 mm, 200 mm, 3", 5"
- Reel stops for pneumatic mandrels 70 mm, 150 mm, 3"

### Optional equipment

- Web de-curling device

### Special technical features

A responsive, productive unwinding module for rolls of up to 1370 mm in diameter. Ease of operation thanks to automatic dancer lift and operator guidance via a touch panel. A triple dancer guarantees clean paper web contact, enabling both lightweight and heavyweight papers to be processed. The dancer weight is totally decoupled by the outfeed drive, guaranteeing a seamless transfer to a high-performance digital printer.

### Specifications

|                    |                          |                |
|--------------------|--------------------------|----------------|
| Max. roll diameter | 1370mm                   | 54"            |
| Web width          | 165mm - 520.7mm          | 6.5" - 20.5"   |
| Paper weight       | 40 - 300g/m <sup>2</sup> | 40 - 300gsm    |
| Web speed          | 10 - 220m/min            | 33 - 720ft/min |