

XEIKON

Jumbo Reel Unwinder

Achieving your long run potential



 **PUNCH** | graphix brand

Size does matter

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In the last ten years, digital printing has really come into its own. The print runs you could only dream of ten years ago have now become daily reality and the end is no where in sight. You know that if you need to make long runs on the same substrate your Xeikon engine is not going to complain, on the contrary. But a little, or better still, a big hand in helping to feed it is more than welcome. That is where Xeikon's *Jumbo Reel Unwinder* comes in. When production needs an extra hand it really stands its ground. In spite of everything, we all know that size does matter.

Jumbo as in huge convenience

The availability of different pneumatic expanding airshafts with roll-grip system makes Xeikon's sophisticated *Jumbo Reel Unwinder* a versatile tool that can handle reels from all different substrate suppliers. What is more, the unwinder allows clockwise and anticlockwise unwinding and has an end-of-roll detector. Moreover, the unwinder can handle reels of up to 1,250 mm diameter. An automatic roll lift and load mechanism helps you out in handling these huge rolls of paper.

Jumbo as in hugely increased uptime

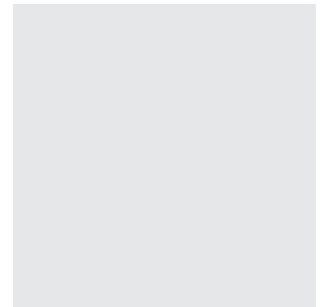
Thanks to the increased paper capacity the *Jumbo Reel Unwinder* offers, there are fewer stops for paper changing. On average a single splice suffices where before you needed ten. Your Xeikon printing press keeps on rolling.

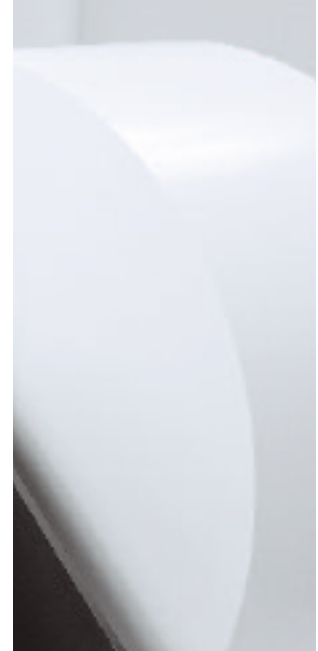
Jumbo as in serious cost reductions

Switching to Jumbo paper reels brings about a serious cost advantage since paper prices per kilogram can be up to 25% cheaper as compared to prices of the same paper on standard reels. Moreover fewer paper reel replacements diminish your downtime, while fewer splices cause less paper waste, all adding to your cost reductions.

Jumbo as in big on quality consistency

Paper batches, even of the same brand, tend to be slightly different from one another depending on the way they have been produced, stored or treated. Xeikon's *Jumbo Reel Unwinder* offers you the possibility to keep printing at the same constant quality without having to tweak machine settings to overcome paper differences. It is great for quality and your bottom line.





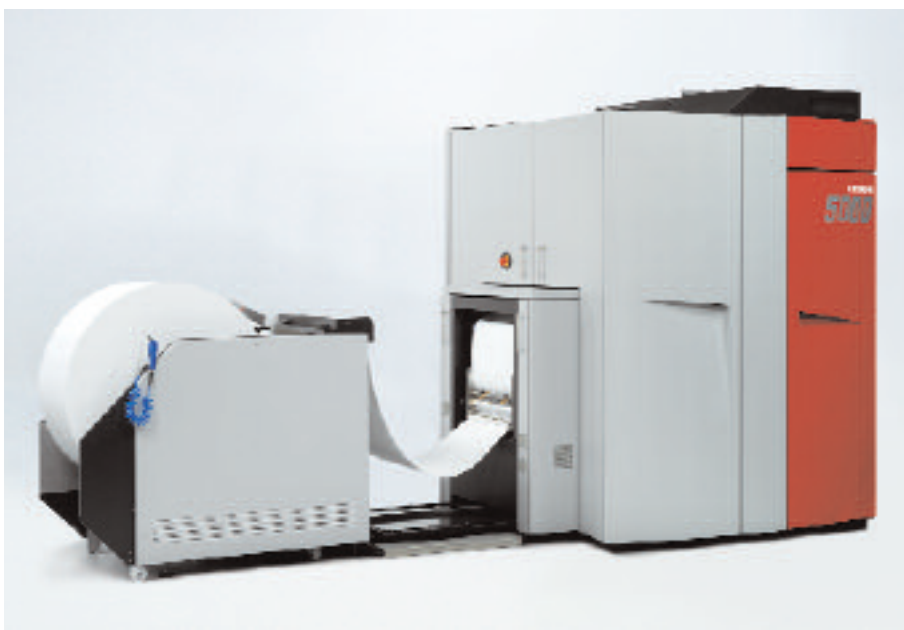
The unwinder unwound

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The *Jumbo Reel Unwinder* is a sophisticated unwinding module that accepts jumbo reels of each and every substrate that can be printed on Xeikon equipment. The unit can deal with reels with a diameter of up to 1250 mm from all different substrate suppliers but handles standard reels just as easily. In standard configuration it connects to the Xeikon 5000, but by means of an extra feeder kit it can also be easily connected to all other digital printing systems of the Xeikon range.

Features that are key

- An expanding pneumatic core with a roll grip system
- A wide choice of core diameters (essential option, 4 diameters possible)
- An air pistol to expand cores
- An automatic roll lift-and-load from ground level
- End-of-roll detection
- Clockwise or anticlockwise unwinding
- An easily adjustable out-feed roller to allow running heavy paper
- An electronically synchronised core drive controlled by ultrasound measurement of paper loop
- An integrated roller dancer serving as a paper buffer
- The possibility to integrate an air compressor (optional) if no compressed air available
- The possibility to integrate a transformer for regions with different power requirements



Specifications

Paper reel specifications:

Roll diameter:	< 1250 mm (49.21")
Roll width:	150 < width < 520 mm (5.91" < width < 20.47")
Roll weight:	< 700 kg (1,543 lb)
Media weight:	30 - 350 g/m ² (20 lb text to 122 lb cover)

Unwinder specifications:

Dimensions (L x W x H):	1640 x 1149 x 1500 mm (64.6" x 44.9" x 59.1") With roll Ø 1250 mm
Power requirements:	3W + N + PE 400 VAC 50/60Hz (without transformer) 3W + PE 200 / 220 VAC 50/60Hz (with transformer)
Compliance:	CE

Essential Options (choice between):

- Airshaft 70 mm (2.76")
- Airshaft 76 mm (3")
- Airshaft 150 mm (5.91")
- Airshaft 200 mm (7.87")

Options

- Air compressor
- Power transformer

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Beyond graphic excellence



Punch Graphix provides innovative, competitive and environmental friendly imaging and printing solutions for the global graphics industry. Under the Xeikon brand name, Punch Graphix designs, develops and delivers high-end digital colour printing systems, software and consumables for the commercial, document printing and industrial markets. Under the basysPrint brand name, Punch Graphix designs, develops and delivers mid to high-end imaging systems for offset prepress commercial markets.

Punch Graphix leverages successful graphic technology towards a higher level of maturity and performance to help its customers have an edge over the competition.

With a clear-minded focus on R&D, Punch Graphix is solely dedicated to customer satisfaction and aims to deliver cost-effective graphic excellence that goes beyond all expectations.

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