

Specifications

Print technology:	LED array-based, dry toner electrophotography <i>Xeikon 5000plus</i> with FA toner, Pantone® licensed 4/4 or 5/5 hardware configuration One-Pass-Duplex™ printing fully automated in-line density & registration control clean and environmentally friendly press operation
Print media:	
web-fed:	paper (coated and uncoated), paperboard, synthetic media, label stock
media width:	320 - 508 mm (12.6" - 20")
media weight:	40 - 350 gsm (27 lb text to 122 lb cover)
media calliper:	< 550 µm
Press throughput:	
web speed:	up to 16 cm/sec (32 ft/min)
printing speed:	(A4 full-colour pages, when printing double-sided): 130 ppm (7,800 pages/hour) for 40 - 250 gsm paper (paperboard up to 200 gsm) 100 ppm (6,000 pages/hour) for 40 - 300 gsm paper (paperboard up to 250 gsm) 70 ppm (4,200 pages/hour) for 40 - 350 gsm paper
Duty cycle:	up to 4,200,000 pages/month
Imaging:	
spatial resolution:	600 dpi with variable dot density (4 bit)
imaging width:	483 mm (19")
Output unit:	cut sheet stacker with removable cart (optional) stacking width 500 - 508 mm (19.7" - 20")
Console:	proofing and control desk with proofing light
Power requirements:	universal 3-phase
Compliance:	CE, FCC, GS and CB

No parts of this brochure may be reproduced, copied, adapted, translated or transmitted in any form or by any means, without prior written permission from Punch Graphix. The material in this brochure is for informational purposes only and is subject to change without prior notice. No responsibility or liability is assumed by Punch Graphix for any errors, which may appear in this brochure.

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.

www.punchgraphix.com

Punch Graphix International nv - T. +32 (0)3 443 13 11 - F. +32 (0)3 443 13 09
www.punchgraphix.com - info@punchgraphix.com - Duwijkstraat 17 - 2500 Liege - Belgium

Copyright © 2007 Punch Graphix International nv. ("Punch Graphix") - Printed on Xeikon equipment - 06/07 - All rights reserved. All trademarks are property of their respective owners - DOC_XEIKON5000plus_EN_02_0607



05

Productivity is the soul of accomplishment

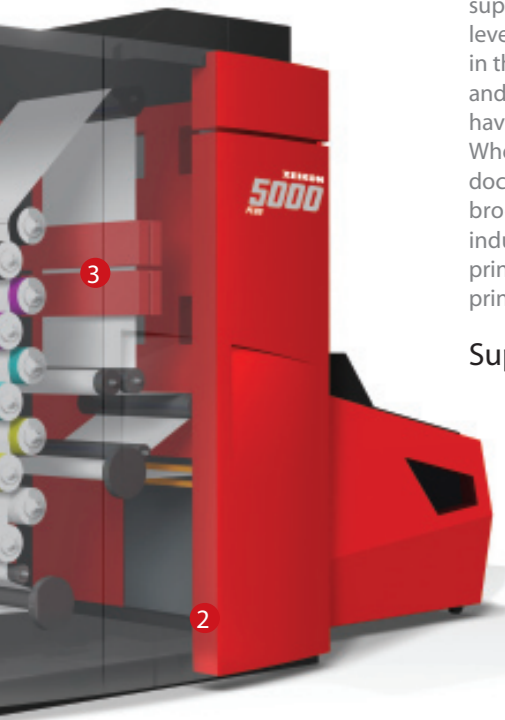
It's basic logic really: consistent quality in tandem with superior uptime and overwhelming print speed bringing levels of productivity that are nowhere else to be found in the market today. The *Xeikon 5000plus* helps you reach and maintain these levels via a range of features that have a clear impact on the profitability of your business. Whether your customers want large runs of variable data documents; commercial print jobs such as calendars, brochures, posters and magazines; or specialised industrial print jobs such as security and decorative printing or packaging; the results are commercial from print one.

Superior uptime

The *Xeikon 5000plus* has been designed to raise the bar even more. Employing our proven technology and infusing it with our vast experience in digital printing, we have taken the *Xeikon 5000plus* to a higher level of quality. Through user-friendly innovations engineered with improved materials less prone to wear and tear, it now incorporates optimal quality parts throughout such as the improved smooth cutter, which reduces maintenance and further increases the life expectancy of the press. It is a recipe for higher volumes, more profit and low total cost of print. The *Xeikon 5000plus* is one of the most reliable digital presses on the market.

Irresistible speed

The *Xeikon 5000plus* has swiftness born into its genes. Web-fed, it can print multi-page documents at an impressive speed of 7,800 full-colour pages per hour, which translates into 130 A4 pages per minute in fully collated order, making it a highly productive solution for monthly volumes of 400,000 pages and more. Through exceptional print and RIP speeds, superior uptime, and a range of operator-replaceable units, the *Xeikon 5000plus* maximises your productivity. At the end of the day the *Xeikon 5000plus* is amongst the digital printing presses offering most finished jobs in the market.



- Xeikon FA toner can be added on the fly. (5)
- Optionally, the *Xeikon 5000plus* can be equipped with an extra, 5th colour station without impacting its printing speed.
- The ergonomic design provides optimal working comfort through highly reduced noise levels, low maintenance and absolute ease of use.

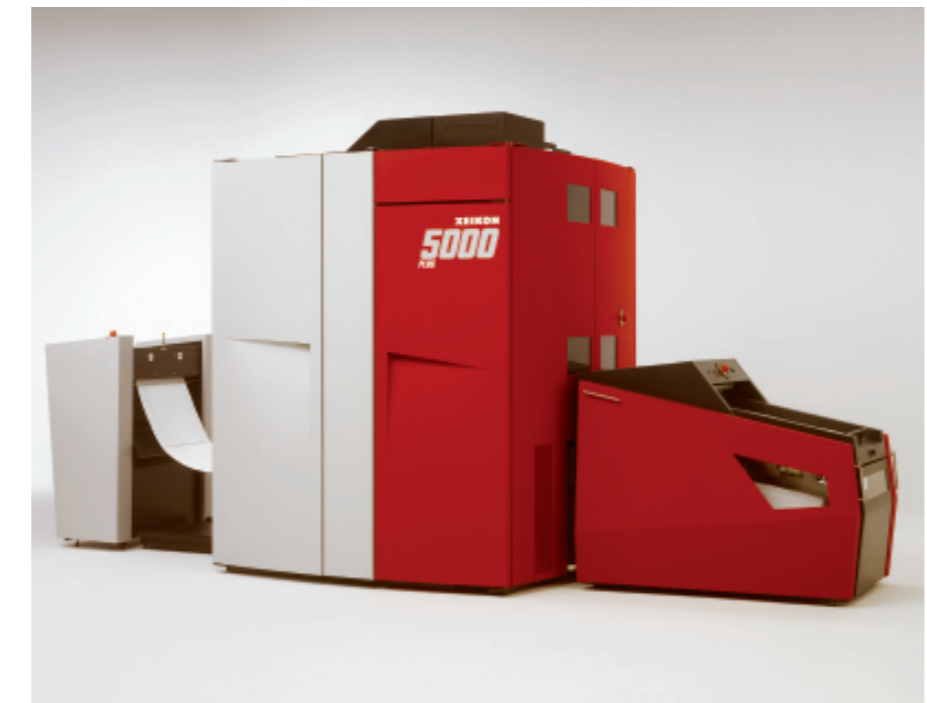
A press that goes all the way

03

In today's business environment, you are only as good as your last achievement. The axiom is the same for everyone: keep moving and improving from the risk of being left behind. New opportunities, increased demand and a larger market share are the goals on the ever-shifting horizon. It makes the road forward the only road to travel.

That goes for Xeikon as well. With over a decade of experience our aim remains the same: to constantly progress on what we have achieved in digital printing by advancing sound and seasoned technology to the next level and forging new opportunities that help you create market demand for the products or services that you offer.

The *Xeikon 5000plus* clearly is part of the next generation of digital colour printing presses. Evolved from the solid foundations of the Xeikon 5000, the *Xeikon 5000plus* shows improvement in many aspects to make it the industrial digital printing press that faces long runs without breaking a sweat: consistent quality, exceptional productivity and proven reliability make it the perfect partner to go all the way in your quest for continuous profitability.



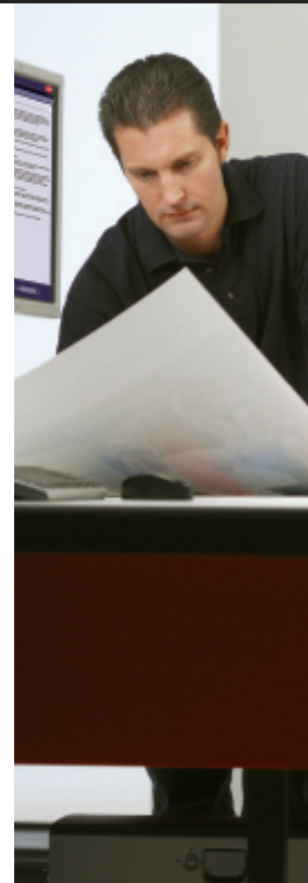
Setting the trend once again

02

Time and again Xeikon finds ways to beat its own performance and set the trend in the digital printing market. This is exactly the case of the *Xeikon 5000plus*: evolved from the proven technology and vast experience of the Xeikon 5000, this new digital printing press is standardly equipped with Xeikon FA toner, thus further raising the bar of digital printing performance.

But it doesn't stop here. The *Xeikon 5000plus* is completely upgradeable to a Xeikon 6000 for whenever you are ready to take the step toward the next level of productivity. The upgrade is a smooth and easy job that is carried out in your own business environment, so you don't have to wait to start reaping the benefits.

Imagine improved conditioning, increased fusing capacity and upgradeability, all to improve your productivity. Then you have the *Xeikon 5000plus*, setting the trend once again.



Success is a function of consistent quality

04

There is only one definition of consistent quality: the first print rolling out of your press boasts the exact same commercial quality as the last. It sounds simple, but it wasn't always up to the Xeikon 5000. The *Xeikon 5000plus*, evolved from the Xeikon 5000, is a web-fed press that relies on intrinsically sound performance, and it comes fitted with innovations and improved materials throughout.

Control crafts quality

The *Xeikon 5000plus* brings you state-of-the-art controlled and controllable print quality. It comes equipped with smart paper conditioning, to set you off to a great start, and an in-line densitometer, which ensures that colour remains consistently vibrant on both sides of a sheet throughout a print run. There's more, the *Xeikon 5000plus* also incorporates a set of encoders, which ensures impeccable synchronisation as well as perfect front-to-back and automatic colour registration.

With the new Xeikon FA (Form Adapted) toner, the *Xeikon 5000plus* offers amazing richness and depth of colour. The Xeikon FA toner is Pantone®-licensed, which opens up a world of possibilities to you and your customers. Backed by a 600 dpi resolution with variable density levels, it sets the tone for the digital colour printing market. It allows the gamut and depth of the *Xeikon 5000plus*'s unique digital colour image quality to come to full bloom on a wide variety of substrates up to 350 gsm. The *Xeikon 5000plus* puts you in control of all it takes to craft sheer quality.

Extra value becomes second nature

The *Xeikon 5000plus* makes printing life simple. The press has been designed to make digital printing more profitable than ever by guaranteeing increased uptime and superior printing results. Its superior printing capacity unlocks new opportunities. As such, it becomes easier for an operator to generate extra value. He can answer uncompromising market needs with flexible solutions, while the *Xeikon 5000plus* allows him to maximise his knowledge, skills and experience and translate it into quality for the long run.



- The paper supply unit is mounted in a fixed position ensuring a perfect alignment of the web. (1)
- Changing of paper rolls becomes child's play. The long-lasting cutter is and remains extremely accurate regardless of the substrate used. (2)
- Unique One-Pass-Duplex™ technology allows simultaneous double-sided printing. (3)
- Only Xeikon can handle scalable paper widths of 320 - 500 mm with virtually no restriction in sheet length. (4)

The choice in the matter

06

The *Xeikon 5000plus* has been designed with the sole goal of surpassing all your expectations in terms of quality and flexibility to increase productivity and bring new variety and volume to your business.

A truly open system

The *Xeikon 5000plus* comes integrated with our own X-800 Digital Front-End (DFE) system. It delivers unsurpassed productivity levels that help you get the most out of the *Xeikon 5000plus*. The X-800 DFE embeds powerful streamer technology that yields unprecedented levels of high-end variable data printing and makes for an extremely fast and responsive system. It is a truly open, scalable and modular system that combines powerful RIP features with print quality tools and collation capabilities. In addition, it allows simultaneous set-up, RIPping and printing of a file, vastly increasing productivity. The X-800 DFE easily processes PostScript, PDF, PPML and PPML/VDX files at high speed and is designed to support future JDF-based digital printing job tickets.

Dazzling paper flexibility

Authentic and continued growth comes from securing new print jobs and offering real value to your customer. The *Xeikon 5000plus* is a web-fed press that handles scalable paper widths of 320 - 500 mm with virtually no restriction in sheet length. It can help you find and fulfil those new business opportunities because it accommodates standard formats up to A2 full-bleed or B2 as well as non-standard formats. Ready to print the longest jobs on a wide range of paper stocks from 40 to 350 gsm, it can also print on a wide choice of other substrates such as polyester film, transfer material, and label stock adding a wide assortment of value-generating applications.

On stand-by for a boost in speed and productivity

If you demand more and more from your *Xeikon 5000plus* and you feel your business is ready for a digital printing boost, this press can be easily and smoothly upgraded to the speedy Xeikon 6000. The *Xeikon 5000plus* is built upon the same hardware platform as the superior Xeikon 6000, so upgrading your press for more speed and productivity can be done by a Xeikon engineer on the spot!



The finishing touch

07

Simply providing your customers with top-quality prints is often not enough. Most clients request perfect finishing too. Being a web-fed press, the *Xeikon 5000plus* offers smooth and seamless integration towards third-party finishing solutions, be they in-line, near-line or off-line. Our experienced consultants will be happy to offer you expert advice and help you achieve the required integration. You can rely on the *Xeikon 5000plus* to offer you the ultimate in finishing integration to bring home your printed matter, time and time again.

Service taken seriously

Service makes the difference! This is the most important thing being a leader in digital printing has taught us. Digital printing is an industry that typically does not tolerate downtime without suffering significant commercial impact. So when digital printers entrust us with their business, we take care of it and do everything possible to make sure they are satisfied. This is why every *Xeikon 5000plus* comes equipped with the Axeda Device Relationship Management™ (DRM) solution as a standard. Axeda DRM™ is a client software solution that runs on the digital front-end of the *Xeikon 5000plus*, allowing our service organisation to remotely monitor your press runs and proactively intervene in the unlikely event of a problem. Remote communication with the *Xeikon 5000plus* is established through a secure Internet connection using firewall-friendly technology.

Xeikon helps you understand and eliminate the causes of downtime, and maximise your system's uptime. By delivering a consistently high image quality in combination with increasing print performance to get the most out of your *Xeikon 5000plus*, we enable you to meet your customers' demands.

