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Productivity is the soul of accomplishment

It's basic logic really: consistent quality in tandem with superior uptime and a print speed unmatched in the market equals the highest levels of productivity. The *Xeikon 5000* 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 5000* has been re-designed from the ground up to raise the bar even more. When you comment, we pay attention. That is why we have used our proven technology, infused it with our experience and taken it to the next level. That is why we have come up with user-friendly innovations engineered with improved materials less prone to wear and tear. That is also why we have used quality parts throughout, such as our new and improved smooth cutter, reducing maintenance and increasing the life expectancy of the press even more. It's a recipe for higher volumes, more profit and the lowest total cost of print. It makes the *Xeikon 5000* the most reliable digital press on the market.

Unequaled speed

The *Xeikon 5000* 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 the most 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 5000* maximises your productivity. At the end of the day the *Xeikon 5000* offers more finished jobs than any other press in the market.

- Toner can be added on the fly. (4)
- Optionally, the *Xeikon 5000* can be equipped with an extra, 5th colour station without impacting its printing speed. (5)
- The ergonomic design provides optimal working comfort through highly reduced noise levels, low maintenance and absolute ease of use.

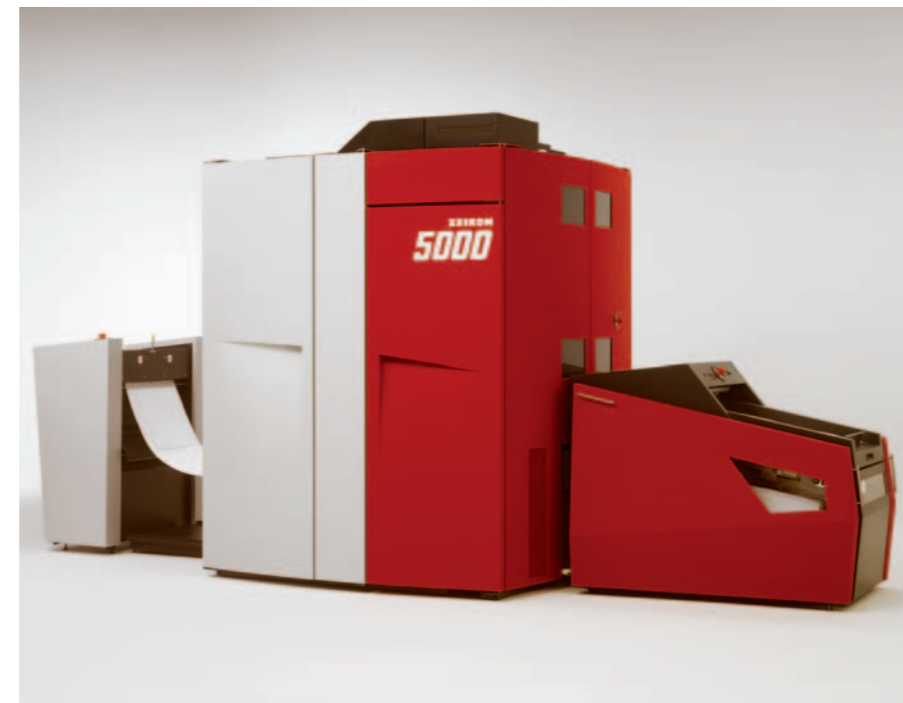


A press that goes all the way

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 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 5000* clearly is the next generation digital colour printing press. Evolved from the solid foundations of the DCP 500 D, the *Xeikon 5000* shows improvement in virtually every aspect to make it the only 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.



03



XEIKON

Specifications

Print technology:	LED array-based, dry toner electrophotography 5/5 hardware configuration CMYK, 4/4 standard enabled One-Pass-Duplex™ printing clean and environmentally friendly press operation
Print media:	
web-fed:	paper (coated and uncoated), paperboard, synthetic media, label stock
media width:	500 - 508 mm (19.7" - 20")
media weight:	40 - 350 gsm (27 lb text to 122 lb cover)
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 - 170 gsm paper 100 ppm (6,000 pages/hour) for 170 - 250 gsm paper 70 ppm (4,200 pages/hour) for 250 - 350 gsm paper
Duty cycle:	up to 3,000,000 pages/month
Imaging:	
spatial resolution:	600 dpi with variable dot density (4 bit)
imaging width:	483 mm (19.0")
Output unit:	cut sheet stacker with removable cart (optional)
Console:	proofing and control desk with proofing light
Power requirements:	universal 3-phase
Compliance:	CE, FCC, GS-pending and CB-pending

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Xeikon 5000

Quality for the long run

Xeikon empowered by Punch

PUNCH

Xeikon is a member of Punch. Punch is a knowledge and technology provider 'par excellence', empowering all the companies within its group to create new technology that is marketable and profitable. Punch will apply all its knowledge and experience, and use its financial assets to help leverage potentially successful technology towards a higher level of maturity. Punch strives to meet its customers' quality, costs, delivery and service demands with total solutions and empowers its clients to reach and surpass their goals and to establish a sustainable competitive advantage within their markets and gain market share. This approach enables Punch to continuously increase added value for its stakeholders: partners, shareholders, clients, suppliers, and society. Punch - Empowering Technology.

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“The results are commercial from print one!”

Hans Van Lith, General Director at Moore Response Marketing

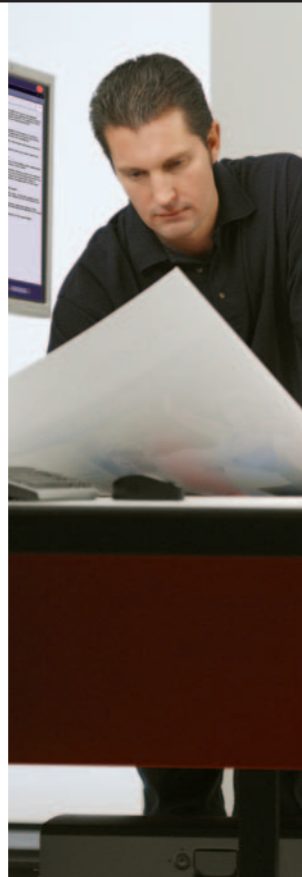
“At Moore in Eindhoven we develop tailor-made response marketing applications. They contain fully individualised and personalised content, including articles, illustrations and ads,” says Hans Van Lith, General Director at Moore Response Marketing. “Over the years we have built up a strong industry reputation for reliable and cost-effective direct response tools. Since our business continues to expand rapidly, we had to look for additional digital print capacity. Highly satisfied with their previous presses, we have opted for the brand new *Xeikon 5000*. It has utterly convinced us by exceeding the required quality, especially in the long print runs with variable data we tackle every day. Plus, the *Xeikon 5000* sets new market standards for lowest total cost per page. The results are commercial from print one!”

02

“In quality and width, the *Xeikon 5000* is second to none!”

Jean-Claude Gasté, président-directeur général at Imprimerie LV and Jacques Leluc, directeur général at Imprimerie LV

“We have always aimed for the quality niche in our sector,” says Jean-Claude Gasté, président-directeur général at Imprimerie LV. “At this moment we develop print solutions using four digital *Xeikon* presses to produce a wide variety of documents in short and medium runs at the highest quality.” Adds Jacques Leluc, directeur général of the Paris-based printing firm: “And we must be doing something right, because today we acquire increasingly important productions that necessitate even better reliability and quality. That is why we have chosen the new *Xeikon 5000*. Our success in digital printing depends on the print quality and the variety of formats possible with a 50 cm wide web-fed system. When it comes to combining these two production requirements to perfection, the *Xeikon 5000* is second to none.”



Success is a function of consistent quality

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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 now. With the *Xeikon 5000*, that is about to change. The *Xeikon 5000* is a web-fed press that relies on intrinsically sound performance that has been re-engineered from the bottom-up to raise the bar even more, and it comes fitted with innovations and improved materials throughout.

Control crafts quality

The *Xeikon 5000* brings you the ultimate in controlled and controllable print quality. Its smart paper conditioning sets you off to a great start, while a dedicated encoder sees to it that images are always transferred onto the web in perfect synchronisation with the drum speed. As a standard, the *Xeikon 5000* comes equipped with an in-line densitometer, offering perfect front-to-back and colour registration. Obviously, the densitometer also ensures colour matching. It guarantees colours remain their exact vibrant selves on both sides of a page throughout the entirety of a print run. Astounding richness and depth of colour set the tone for the rest of the market. Small wonder, when you know it is backed by a 600 dpi resolution with every dot boasting variable density levels. It allows the gamut, depth and warmth of the *Xeikon 5000*'s unique digital colour image quality to come to full bloom on a wide variety of paper up to 350 gsm. The *Xeikon 5000* puts you in control of all it takes to craft sheer quality.

Extra value becomes second nature

The *Xeikon 5000* 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 unmatched 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 5000* 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 new, long-lasting cutter is and remains extremely accurate regardless of the substrate used. (2)
- Unique One-Pass-Duplex™ technology allows simultaneous double-sided printing.
- Only *Xeikon* can handle paper widths of 500 mm with virtually no restriction in sheet length. (3)

The choice in the matter

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The *Xeikon 5000* 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 5000* comes integrated with our own brand-new X-800 Digital Front-End (DFE) system. It delivers unsurpassed productivity levels that help you to get the most out of the *Xeikon 5000*. The X-800 DFE embeds powerful streamer technology that yields new 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 5000* is a web-fed press that is unique in its handling of paper widths of 500 mm with virtually no restriction in sheet length. It can help you find and fulfil those new business opportunities because it is the only digital press on the market that 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, it can also print on a wide choice of other substrates such as polyester film, transfer material, and label stock from 40 - 350 gsm, adding a wide assortment of value-generating applications.



The finishing touch

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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 5000* 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 5000* 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 5000* 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 5000*, 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 5000* 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 5000*, we enable you to meet your customers' demands.

