Pro9000 Envelope Print Systems

OKI

Offer your customers more with unique five colour envelope printing

Pro9431E CMYK	✔
Pro9541E CMYK + White or Clear	✔
Pro9542E CMYK + White and Colour-on-Colour	✔

LED

Introducing Pro9000 Envelope Print Systems

Next-generation short-run digital production from the leader in envelope printing solutions.

Customer requests for short-run envelope production (runs of 5,000 or less) used to be a headache for print shops large and small: not economical for traditional offset printers, too much trouble even for small digital print shops. Until now.

With the Pro9000E Series from OKI, a formerly under-serviced market represents an opportunity to expand your business.

Press quality without the mess.
Fast digital turnaround. No setup costs.

Press quality that's easy

Each Pro9000E model enables you to print short runs in less time than it takes to produce printing plates and ink up a press. Print up to 500 DL envelopes in under 12 minutes[1]— with output that rivals traditional offset printing presses.

Beyond 4-colour printing

The addition of White Toner lets you do something very unique. Broaden your printed offerings with stunning white on colour stocks offered by both the Pro9541E and Pro9542E.

The Pro9542E intelligently and accurately applies White under CMYK to produce brilliant colour on dark media.

Generate additional sources of revenue with the ability to print brilliant white and striking colour on colour envelopes and stock for breathtakingly unique applications.

Pro9000E Series Highlights:

Envelope sizes supported through feeder

Standard sizes: DL,C4,C5,C6,C7

Custom sizes:
Widths from 2.5" – 13" (64mm – 330mm);
Lengths from 3.5" – 15" (89mm – 381mm);
or
2.5" x 3.5" (64mm x 89mm) to
13" x 15" (330mm x 382mm)

Printer-supported media

Straight-through paper path supports envelopes,
magnetic media, polyester, transparent film,
and heavier stock (up to 360gsm)

3" x 5" (76mm x 127mm) cards to
52" (1320mm) banners;
SRA3 and A3+ 13" x 19" (330mm x 483mm)

Improved window envelope support

Raised and angled envelope stack ensures smooth
separation of typically challenging media

Print for profit:

- Broaden your in-house services: expand your short-run offerings and offer variable data printing in High Definition Colour

- Perfect for short-run offerings and with a duty cycle rated at up to 300,000 pages per month, rugged enough for longer runs

- New design: built 'from the ground up' – simplifies job setup, delivers new levels of production reliability

- Incredibly sharp text; rich, saturated press-like colours

- Broad range of media sizes (through printer): 3" x 5" (76mm x 127mm) cards to 52" (1320mm) banners can be created, adding additional value and expanding creativity

- Straight-through paper path handles envelopes, heavy card stocks/postcards, magnetic media, polyester transparent films and heavier stock (up to 360gsm)

- Optional Fiery® Pro9000 Server or Harlequin® DirectPrint RIP: process complex jobs fast, expand colour management, support VDP formats

Results that exceed expectations

Through versatility, fast print speeds, ease of use and unique output choices the Pro9000 Envelope Print Systems deliver top of the line envelope printing.

Colour Printing Capabilities at a Glance

Affordability	Versatility	Creativity
Pro9431E	**Pro9541E**	**Pro9542E**
Four Colour Digital Printing (CMYK)	Five Colour Digital Printing (CMYK + Clear or CMYK + White)	Five Colour Digital Printing (CMYK + White, CMYK over White in 1 pass)

OKI's Envelope Fuser

OKI developed the Envelope Fuser to improve the handling and print quality of envelopes, especially larger envelopes. The most notable benefit is a reduction in the occurrence of envelope wrinkle. Additional improvements ensure uniform printing across a wide range of envelope designs.

Unlike the uniform surface on a sheet of paper, envelopes are constructed in an almost infinite combination of flaps, folds, media, and adhesives – making it a challenge to deliver consistent results on a substrate that varies from 2 to 4 layers of thickness and construction variations.

Applicable envelopes Size

Length: 3.5" – 15" (89mm – 382mm)
Width: 2.5" – 13" (64mm – 330mm)
Thickness GSM paper weight: 75 – 120g/m^2

Look what else you can produce with the Pro9000E Series from OKI:

With their ease of use and low total cost of ownership, these affordable envelope printing systems enable you to produce premium printed products, offer new services and grow your business and your profits.

Signage and Posters

Print CMYK over White Toner on clear polyester window-cling media for attention-grabbing results.

Direct Mail

Print colour-on-colour to produce brilliant full-colour images, especially impactful on dark-coloured envelope media.

Eye-popping Polyester Door Hangers

White toner gives powerful emphasis to text and graphics, making for a unique application.

Optional RIP ensures colour accuracy and streamlines colour management

Equipped with an optional external RIP, Pro9000 Systems expedite and streamline job processing while maintaining industry-standard colour management for consistent, predictable results.

The optional Fiery® Pro9000 Server from EFI® offers fast, precise colour reproduction and flexible job management. It uses the most popular Fiery features—including Command WorkStation®, Spot-On™ and Adobe® PDF Print Engine 3.0—to expand the production capabilities and improve the operational efficiencies of print shops and in-house printing services.

The optional Harlequin® DirectPrint RIP is a cost-effective way to take full advantage of the Pro9000 Envelope Print System colour-on-colour capabilities. It's both fast and easy to use, ensuring beautiful and accurate colour every time The "HDP" uses a PDF workflow, accepting jobs from both Mac and PC. Built-in Harlequin Dispersed Screening (HDS) and Hybrid Screening (HXM) produce sharp details and high-fidelity colour transitions.

PANTONE® libraries are included in both the Fiery Pro9000 Server and Harlequin DirectPrint RIP to ensure accurate colour matching job to job. For details on the optional RIPs, please contact your OKI representative.

Pro9000 Envelope Print Systems have what you need to grow your business

What are you looking for to grow your business?	Here's what you get with Pro9000E Series:
Affordable short runs (under 5,000 pieces) of customised envelopes with fast turnaround times	Cost-effective means to produce short runs with little overhead or job start-up costs and full control over timing
Offering unique sizes and colours of envelopes and ability to print white or colour without silkscreening (e.g. invitation envelopes)	Print on colour envelopes in a variety of sizes and weights, using white or clear toner, or colour on white in one pass
Variable data printing (VDP) on envelopes, letters and postcards for targeted mailing campaigns	Optional RIP (see above) enables and greatly accelerates VDP processing time, perfect for personalised data/graphics
Accurate reproduction of company colours/logos and consistent colour between items in promotional campaigns	Accurate colour through printer or RIP provides consistent output for all deliverables
Flexibility for customisation, ability to make last minute design changes with minimal setup	Quickly go from design (in-house or client-provided) to production, no setup required
Ability to quickly produce a mock-up/sample envelope or print piece for client sign-off	Easy to produce mock-ups using same system that will produce final envelope or print piece

Specification summary

Pro9000E Series

Printer

Print Speed	All Models: Up to 500 DL envelops in approximately 12 minutes A4: 50ppm colour, 50ppm mono; A3: 28ppm colour, 28ppm mono. Pro9542/41 System: White: A4 up to 45ppm (simplex) Clear: A4 18ppm (Pro9541only)
Time to First Print	8 seconds colour, 8 seconds mono (when Envelope Fuser is used, warm up time will be 10 seconds longer)
Warm up Time	50 seconds or less from power on
Processor Speed	1.2GHz

Operator Panel

LCD Display	10.9cm Colour Graphic LCD (480x272 dots)

Typefaces

Printer Fonts	87 scalable PCL fonts, Lineprinter/OCR-A/OCR-B/USPSZIP bitmap fonts, 10 TrueType fonts, 136 Adobe PostScript Type 1 fonts
Barcode	UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, Interleaved 2 of 5, Code39, Code128, EAN/UCC-128, CODABAR, ZIP+4 POSTNET: PDF417/QR code 2D barcodes

Print Quality

Resolution	ProQ4800 Multi-level technology, 1200 x 1200dpi
Enhancements	Auto Colour Balance, Auto Registration, Auto Media Detect

Paper Handling

Paper Capacity	Tray 1: 530 sheets of 80gsm Multi-purpose tray/feeder; Up to 600 DL envelopes Multi-purpose tray: 300 sheets of 80gsm
Paper Capacity Optional Trays	Tray 2: 530 sheets of 80gsm; High capacity feeder: 1,590 sheets of 80gsm
Maximum Paper Capacity	2,950 sheets of 80gsm
Envelope Sizes	DL,C4,C5,C6,C7 Custom size: Width 2.5" to 13" Length 3.5" to 15"
Paper Sizes	Tray 1/2: A3, SRA3 (up to 330mm x 457mm), SRA4, A4, A5, A6, B4, B5, B6; Multi-purpose tray: A3, SRA3, SRA4, A4, A5, A6, B4, B5, B6 Custom size: Width 64mm – 330mm Length 89mm – 1,321mm; High Capacity Feeder: A3, SRA3 (up to 328mm x 457mm), SRA4, A4, A5, A6, B4, B5, B6
Paper Weight	Tray 1/2: 52 to 320gsm; Multi-purpose tray: 52 to 360gsm; Duplex: 64 to 320gsm; High Capacity Feeder: 52 to 320gsm
Duplex	Standard
Paper Output	610 sheets face down tray, 300 sheets face up tray

General Features

Memory	Standard RAM: 2GB Maximum RAM: 2GB Optional Hard Disk Drive: 160GB
Environment	Operating temperature/humidity: 10°C to 35°C (17°C to 27°C recommended) / 10% to 85% RH (50% to 70% RH recommended) Storage temperature/humidity: -10°C to 43°C, 10% to 90% RH
Power Supply	Single phase 220 to 240VAC, frequency 50Hz +/- 2Hz
Power Consumption	Typical: 1100W; Max: 1600W; Idle: 40W (average) Power Save: ‹34W; Deep Sleep: ‹4W; Off Mode: ‹0.5W Feeder: Typical: 120W Conveyor: Typical: 60W
Noise Level	Operating: 57dB(A); Standby: 32dB(A) or less; Power save: Inaudible
Dimensions (HxWxD)	Printer: 640mm x 699mm x 625mm Pro9000 Envelope Print Systems (Printer/Feeder/Conveyor/Cabinet or High Capacity Feeder): (4 tray version) 1234mm x 2629mm x 625mm (5 tray version) 1345mm x 2629 x 625mm (with 2nd tray)

Accessories (Order Numbers)

Weight	Printer: 110.8kg (Pro9542/41), 97.6kg (Pro9431) Envelope Feeder: 39.2kg Envelope Conveyor: 27.5kg Cabinet: 18.6kg Large Capacity Feeder: 50kg 2nd tray: 15.6kg Pro9542/41 Envelope system inc Feeder and Conveyor: Combination above Pro9431 Envelope system inc Feeder and Conveyor: Combination above
Warranty	3 years extended warranty upon registration within 30 days of purchase
Product Order Number	Pro9542E: Pro9542Ec (46886601), Pro9542Ev (46886602) Pro9541E: Pro9541Ec (46886603), Pro9541Ev (46886604) Pro9431E: Pro9431Ec (46886605), Pro9431Ev (46886606) Ec: Cabinet version Ev: High Capacity Feeder version

Accessories (Order Numbers)

2nd Tray	45530703
Hard Disk Drive	160GB: 44622302
EFI Fiery XF	Contact OKI for more information

For Consumable details, please contact local OKI partner www.oki.com/eu/printing/support/consumables-and-accessories

Consumables Information: For the protection of your printer, and in order to ensure that you benefit from its full functionality, this model has been designed to operate only with genuine OKI toner cartridges. These can be identified by the OKI trademark. Any other toner cartridge may not operate at all, even if it is described as "compatible", and if it does work, your printer's performance and print quality may be degraded.

Business Printing Specialists

OKI's printer division is a global business-to-business brand dedicated to creating cost effective, professional in-house printing solutions which are designed to increase the efficiency of today's and tomorrow's businesses and their workflows. As pioneers in innovative print technologies from digital LED to High Definition Colour, we have a portfolio of award winning products and solutions enabling businesses to achieve both image focused, vibrant, quality print communications and budget flexibility.

OKI presents a full range of A3 and A4 colour and mono printers and MFPs, for workgroups and businesses of all sizes with superior media-handling capabilities. In addition our fax, POS and dot matrix printers complete our range of print solutions. These best in class products are designed to be easy to use making the job of in-house print easier.

Considering the Environment

As part of the OKI Group's Charter of Corporate Conduct, OKI continually reviews its efforts to provide environmentally sound solutions to its customers:

- Our products are designed and manufactured with reducing the impact on the environment in mind.
- Increasing the amount of our hardware products and consumables that are recycled is one of our strategic objectives.
- We feel responsible for conducting our business in an environmentally sound manner, contributing to conservation and activities within our local communities.

OKI's Green Leaf symbol, found on all products and packaging, represents our total commitment to collection, recycling and environmental processes.

3 Year Warranty

Our devices are manufactured to the highest standards of quality and technology, which has been confirmed by independent tests. We are so convinced of the high quality of our products that we offer an extension of the standard warranty period to 3 years at no extra cost to you. Simply register your product within 30 days of purchase. For further information please visit:
www.oki.pl/gwarancja

High Definition Color

High Definition Color is OKI's own unique set of market defining hardware and software technologies. Together, these components deliver unsurpassed colour printing simply, intelligently, and with perfect results.

Great colour starts with OKI

20 years of LED Technology

OKI pioneered the development of digital LED technology in printers over 20 years ago. This innovation delivers High Definition printing – for more accurate, striking printed documents. Thanks to this digital LED technology, our printers are compact, environmentally friendly and energy efficient, using significantly less raw materials in the manufacturing process and consuming less energy. LED print heads have no moving parts, making our LED printers robust and ultra reliable.

[1] Published performance results based on laboratory testing. Individual results may vary.

OKI
Open up your dreams