Xerox® Proficio™ PX300 Brochure

Your production print agility, perfected.

Xerox® Proficio™ PX300 Production Press

xerox™

When agility is the name of the game.

The PX300 is built for nimble operations like small print shops, in-plants and franchises whose short run digital jobs are different each day. Printing business cards, mailers with envelopes, finished brochures, banners. Scanning to and from USBs. You name it. And since the PX300 can live in front of the counter or behind it, we designed ease of use into every interaction so anyone, from a skilled operator to a novice, can create polished, perfected print.

PERFECTED BY XEROX

It's more than a phrase; it's our engineering philosophy. The unyielding pursuit of better that defines every Proficio Production Series press. It's innovation you won't find anywhere else, delivering results your customers can't get anywhere else. Perfect.

PRODUCE BETTER CMYK AUTOMATICALLY

Intelligent automation and quality-assuring controls mean anyone can turn out more approval-ready CMYK jobs faster and more consistently.

Big-time image quality from the press that fits where you need it

Get standout color and detail—no matter who's working the press. The PX300's advanced High Definition Emulsion Aggregate (HD EA) Toner produces rich color, crisp text, and smooth gradients with a refined, offset-like look—helping even small runs make a big impression. Ultra high-definition LED imaging delivers clean lines and consistent clarity across a wide range of jobs.

Say yes to textured stocks

Print with confidence on the papers your customers love, like thick, textured and specialty stocks. Automatic adjustments and refreshed toner keep output consistent from the first sheet to the last, with strong solids and even coverage. Simple controls let you fine-tune when you need it, without slowing you down.

CMYK, PERFECTED BY XEROX

The ultimate CMYK collaboration

Our color scientists and engineers partnered with Fiery to create something no one else has: print servers powered by Xerox-exclusive Fiery FS700X software. They unlock the PX300's full imaging potential—delivering effortless color accuracy, faster job and press setup and confidence for operators of any skill level—even when choosing the compact, integrated option.

Stable, repeatable color—automatically

Get perfect registration and consistent quality with minimal setup. Automated alignment, transfer and density controls optimize runs to media, while advanced color automation and real-time monitoring correct issues as they occur, ensuring reliable results from first sheet to last.

Simplify alignment profile setup and ongoing Quality Control (QC)

The optional Quality Control Module keeps every run on track, automatically monitoring color and registration in real time. Two embedded Full Width Arrays allow you to do an alignment profile without the platen glass. Plus, the PX300's hands-off alignment profile setup feature automatically recommends adjustments to a stock's settings. It means fewer manual checks, less waste and better prints from page 1.

Propel new efficiencies

You need to be ready for anything. The PX300 is engineered with productivity-driving features to help you trim costs, reduce waste and handle whatever comes your way.

The **Static Dissipation Module (SDM)** prevents bricking on tough stocks, keeping sheets moving smoothly, and productivity high with minimal operator intervention.

Get the jobs done

The PX300 runs all approved media up to 400 gsm at rated speeds when printing CMYK—coated or uncoated, textured, envelopes, polyester, even magnetics—without compromise or slowdown. You can even get perfected, static-free stacking when printing on synthetics, thanks to its optional Static Dissipation module.

Big on larger format jobs

Go bigger—with the High-Capacity XLS Vacuum Feeder you can handle larger-format jobs up to 51 in./1,300 mm with precision and speed, helping you expand applications and profit from new opportunities.

Scanner/copier comes standard

You don't have to pay more to get more out of your press. The PX300 has built-in scan and copy functionality, so you can exponentially expand what people can do from one easy-to-use device.

EFFICIENCY, PERFECTED BY XEROX

Integrated feeding and finishing

Multiple feeding options and DFA-compliant finishing let automation handle routine tasks, so you can switch jobs quickly, reduce touchpoints and keep labor in check.

Familiar, easy-to-use interface

Thanks to the PX300's familiar Production User Interface, operators can get to work right away, checking status, adjusting stocks in seconds and keeping work moving without interruption.

Instant visibility, total control

Easy Vitals and the Job Progress Light keep you informed at a glance. Clear, color-coded indicators show press and job status in real time, helping you respond quickly and keep every job on track.

PROFIT FROM HIGH-VALUE EMBELLISHMENTS

With the PX300's inline Beyond CMYK capability, you can deliver jobs that used to be reserved for big shops—and big presses. It's an easy way to diversify your offerings, stay competitive and grow your business.

5th color means endless possibilities

Change specialty colors in minutes to elevate everyday jobs. Add Fluorescent Pink for bold accents, expanded color gamut and brand accuracy. Use Clear for pop and shine, or Low Gloss Clear for refined, lustrous effects that

make images stand out. Undecided? The 5th color station can be added when you first purchase your press—or down the road.

Extra color station, same footprint

The PX300 features a fifth inline color station—without taking up more space—making it perfect for space-constrained shops. Its compact design also means toner is refreshed faster—no purging required—so the first sheet of your next job comes out with the right colors.

Fast, flexible estimating

Quote with confidence—wherever you are. Use our cloud-based estimator from your back office or calculate costs at the press using the Fiery Smart Estimator.

BEYOND CMYK, PERFECTED BY XEROX

Go Beyond CMYK effortlessly with Xerox-exclusive Fiery print servers

Precision-tuned color profiles, advanced gamut control and built-in ink estimation tools give every operator pro-level control at the press—making specialty printing simpler, smarter and more profitable.

Business success support

Build your business beyond the press. Our award-winning Genesis Initiative gives you tools, templates and training to help you inspire designers, win customers and ignite sales. Even better: most resources are free for PX300 owners.

PROSPER WITH OUR PROVEN ECOSYSTEM

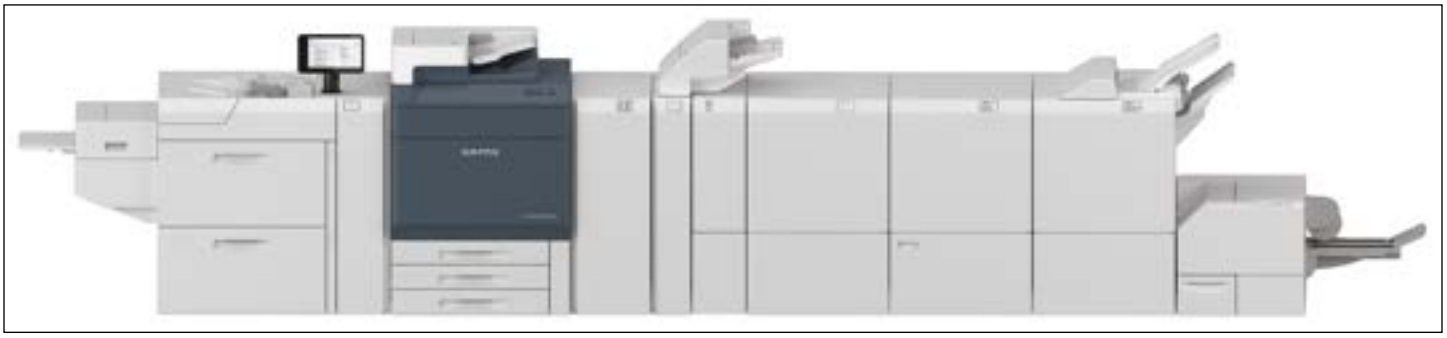
Our production ecosystem is more than technology—it's a partnership aimed to help your business run perfectly. From intelligent workflow software to expert support, our ecosystem is always there to keep your operation productive and moving forward.

Workflow automation that works around the clock. Web-to-Print solutions feed your press 24/7, while Xerox® FreeFlow® Core Software slashes prepress setup from hours to minutes.

Marketing automation that personalizes every piece. Create hyper-targeted, data-driven print and cross-media campaigns in seconds.

Fleet management automation powered by Xerox® FreeFlow® Vision Connect Software. Monitor performance, predict maintenance and keep every press running at its peak.

Unmatched service and support, powered by our global service network, keeps you up, running and growing. From operator training and media testing to proactive monitoring and predictive AI insights, Xerox support delivers real help in real time.



Xerox® Proficio™ PX300 Production Press

PRODUCTIVITY/PRINT SPEED

- Average Monthly Print Volume: Up to 150,000
- Duty Cycle: 750,000
- 85 ppm (8.5" x 11"/A4), 52–400 gsm
- All stocks rated speed, standard

PRINT IMAGE QUALITY

- 2400 x 2400 dpi LED imaging array for sharpness and detail
- 1200 x 1200 dpi with 10-bit RIP rendering without down-sampling for Ultra HD Resolution Technology
- Halftone Screens for smoother, crisper resolution, and improved gradients
  - 150, 175, 200, 210, 300, 600 Clustered Dot
  - 150, 200 Rotated Line Screen
  - FM Stochastic Screen

TECHNOLOGY

- All Stocks Rated Speed on stocks up to 400 gsm
- Option to add an X-Rite® Inline Spectrophotometer for click-simple,fully automated color management with our Automated Color Quality Suite
- Ultra HD Resolution Technology with 10-bit resolution for clean text graphics, increased shadow/highlight details, and smooth color transitions
- deltaE Linearization for better calibration/ profiling. New methodology that unlocks richer, smoother color and transitions
- Integrated Registration Alignment: Sensors and switches for accurate and automated paper transport controls
- Closed-Loop Process Controls make quality adjustments in real time
- Compact Belt Fuser for higher speeds, image consistency, runs heavyweight, XLS, and mixed media
- Simplified Image Quality Adjustment (SIQA) for automated Image-to-Media Alignment, Density Uniformity, and Image Transfer Adjustments
- EA Low Melt Dry Ink toner with small, uniform particles delivers fine lines and overall image quality for CMYK
- Bias Transfer Belt with auto cleaning technology improves media latitude, especially textured stocks
- Smart Decurler calculates coverage, paper, and humidity for the flattest possible output
- Modular feeding and finishing options for configuration versatility
- Finishing capabilities: Booklet Making, Cutting, Trimming, and Folding, Finisher, Folder, Hole Punch and Perforation, Stacking
- EPEAT, ENERGY STAR®, Xerox® SMart Kit® Replaceable Unit customer replaceable items increase up-time
- The PX300 conforms to the most recent safety standards for information technology equipment

PAPER

Format/Sizes

- Maximum size: 13" x 51.2" (330 mm x 1.3 m)
- Maximum standard sheet: 13" x 19.2" (330 mm x 488 mm)
- Minimum size: 3.9" x 5.8" (98 mm x 148 mm)

Flexibility/Weights

- Coated, uncoated, envelopes, tabs, polyester/ synthetic, textured, colored, banner, custom media, and mixed-stock printing
- 52–256 gsm from Trays 1–3
- 52–400 gsm from Bypass
- 52–220 gsm from optional HCF
- 52–400 gsm from optional OHCF
- 52–400 gsm from optional Adv OHCF
- 52–400 gsm from optional HCVF

Capacity/Handling

- Base Press (1900 sheet capacity at 80 gsm)
  - Trays 1–3 (550 sheets each)
    - Maximum size 13 x 19.2" (330 x 488 mm)
    - Minimum size 5.5 x 7.2" (140 x 182 mm)
  - Bypass (250 sheets)
    - Maximum size 13 x 26" (330 x 660 mm)
    - Minimum size 3.9 x 5.8" (98 x 148 mm)
- With Dual Adv OHCF (9900 sheet capacity)
  - Trays 1-3 (550 sheets)
  - Bypass (250 sheets)
  - 4 trays (8000 sheets)
- Registration on standard sheets +/- 0.5 mm, 52–300 gsm
- Auto-Tray Switching/Reload-While-Run Capability
- Auto-Duplex 350 gsm
- Simplex 400* gsm

INTEGRATED SCANNER

- Includes Single-Pass Duplex Automatic Document Feeder, up to 200 ipm color/black and white; 250-sheet capacity, up to 11 x 17" (A3), 38 gsm (16 lb Bond) to 200 gsm (53 lb Bond); copy or scan to a variety of output options

PERFORMANCE - ENHANCING OPTIONS

- Beyond CMYK+ 5th Color Overlay Station: Expand your gamut and your creative range with specialty effects that command attention and higher margins. Productivity is reduced when running the 5th station
- Static Dissipation Module (SDM) Keep every sheet moving smoothly—no sticking, no downtime. Consistent performance even on tricky high-gloss and synthetic stocks
- Quality Control Module (QCM) Delivers closed-loop precision by automatically maintaining color density and registration in real time. The QCM also enables hands-off alignment setup on the PX300
- Xerox Job Progress Light: A highly visible light lets you see job status across the room

PRINT SERVER OPTIONS

Powered by Fiery, featuring Xerox-exclusive FS700X software—co-developed to optimize performance, workflow integration, and harness Xerox industry-leading color science for unmatched image accuracy, consistency, and vibrancy. All versions are designed for seamless 4- and 5-color flexibility, which brings brilliance and precision to every print

- The Fiery Smart Estimator lets operators assess PDFs in just a few clicks to determine Specialty Dry Ink costs
- Xerox® EX PX300 Print Server Powered by Fiery®
- Xerox® EX-Li PX300 Print Server Powered by Fiery®

ELECTRICAL

- North America: 208–240 V, 50/60 Hz, 16 amps/ requires 20A circuit, NEMA 6-20-R socket
- Europe: 220 –240 V, 50 Hz, 20 amps/requires 20A circuit, PCE Shark 023-6 mating socket
- Additional electrical required for print server and feeding/finishing devices:
  - 115 VAC, 15 A for 60 Hz or 220 VAC, 10 A for 50 Hz (Western Hemisphere)
  - 220–240 V, 10 A, 50 Hz (Europe)

DIMENSIONS/WEIGHT OF BASE CONFIGURATION (IOT+SERVER)

- Height: 47.4" (1,203 mm)
- Width: 29.9" (760 mm)
- Depth: 33.8" (858 mm)
- Weight: 672 lb. (305 kg)
  - Printer: 635 lb. (288 kg)
  - IOT: 37 lb. (17 kg)

* Media from the Xerox® Proficio™ Press Tested Substrate List (TSL)

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More information at **www.xerox.com/proficio**

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