Your production print power, perfected.



xerox™

Power through whatever the day throws at you.

Production print is a balancing act. Customers expect stunning, high-impact print—delivered fast. Meanwhile, you're facing rising costs and a shrinking pool of skilled operators. The Xerox® Proficio™ PX500 Production Press helps you take it all in stride, with workhorse-level capabilities that speed turnarounds and drive profitability.

Perfected by Xerox

It's more than a phrase. 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 controls mean anyone can turn out approval-ready CMYK jobs fast.

1. **Up the ante on image quality.** Small particle, High Definition Emulsion Aggregate (HD EA) Toner delivers vibrant color, fine detail and smooth gradients with a refined, offset-like finish. And advanced LED imaging with Ultra HD Resolution enables unprecedented print clarity with a wide range of color shades, finer lines, smoother gradients and sharper text.
2. **Textured-media-friendly.** Print on the papers people love, like thick and specialty stocks. Automatic adjustments and refreshed toner keep output consistent from the first sheet to the last, with strong solids and even coverage.

Propel new efficiencies

Engineered for nonstop productivity, the PX500 makes it easier than ever to reduce paper waste and costs.

5. **Get it all done.** The PX500 runs media up to 400 gsm at rated speeds of up to 100 pages per minute when printing CMYK—coated or uncoated, textured, envelopes, polyesters—without compromise. And with the High-Capacity XLS Vacuum Feeder, you can handle larger-format jobs up to 51" (1,300 mm) with precision.
6. **Stop static in its tracks.** The Static Dissipation Module mitigates bricking on tough stocks—keeping sheets moving smoothly and productivity high—with minimal operator intervention.

Quality, perfected by Xerox

Better color and quality start with Xerox-exclusive Fiery FS700X Print Servers, made possible by our unique collaboration with Fiery.

3. **Simplicity, stability and repeatability:** The Full Width Array Scanner and Xerox® PredictPrint Media Manager Software automate press setup, optimization, calibration and profiling, then help lock in the ideal settings for seamless repeatability. It's like getting an extra hour—or more—per shift.
4. **Hands-off Quality Control:** The optional Quality Control Module keeps every run on track, automatically monitoring and correcting color and registration in real time.

Productivity, perfected by Xerox

From job prep to delivery, we've streamlined time-consuming tasks so anyone can get more done, fast.

7. **Familiar, easy-to-use interface:** Operators can jump right in to check press status, fine-tune stocks in seconds and keep productivity soaring.

   Instant visibility, total control: Easy Vitals and the Job Progress Light provide press status at a glance. Clear, color-coded indicators help operators correct small issues before they become big ones.

EFFICIENCY IS BUILT RIGHT IN:
All kinds of stocks run at rated speed when printing CMYK, meaning you can take on more work and get it out the door, fast.

PREDICTPRINT MEDIA MANAGER:
With more short-run jobs come more different media to optimize. PredictPrint automates the process of perfecting image quality for each stock.

INTEGRATED FEEDING AND FINISHING:
Automation does the heavy lifting across our inline options, reducing manual steps and cutting labor costs along the way.




+ Fluorescent Pink


+ Clear / LGC


+ Gold


+ Silver



+ White

Profit from high-value embellishments

The PX500 makes it easy to go Beyond CMYK, elevating everyday jobs into premium profit drivers.

8 **Extra color station, same footprint.** The PX500 gives you the option to add a fifth color station inline—without taking up more space—making it perfect for space-constrained shops.

5th color, unlimited impact. Change specialty colors in minutes to elevate everyday jobs. Add shine and lustre with Clear and Low Gloss Clear (LGC), extend gamut with Fluorescent Pink, create sparkle with Gold, Silver and blended metallics and unlock more dark and transparent media with White.

Fast, flexible estimating. Quote specialty color jobs with confidence using the included Fiery Smart Estimator.

Prosper with our proven ecosystem

Our end-to-end production ecosystem connects the dots to help your business run perfectly.

Workflow and marketing automation. Web-to-Print solutions feed work 24/7, while Xerox® FreeFlow® Core Software slashes prepress setup from hours to minutes. XMPie®solutions let you create hyper-targeted, data-driven print and cross-media campaigns in seconds.

Fleet management automation: Use Xerox® FreeFlow® Vision Connect Software to monitor and report on press performance.

Unmatched service and support: Our global service network keeps you up, running and growing, from operator training and media testing to proactive monitoring and predictive AI insights.

Beyond CMYK, perfected by Xerox

Embellish effortlessly with Xerox-exclusive technologies and support.

Beyond CMYK-ready print servers: Make digital embellishment easier, smarter and more profitable with precision-tuned color profiles, advanced gamut extension tools that boost vibrancy, Xerox® Signature Swatches that simplify design with blended metallic palettes and built-in ink-estimation tools.

Business success support: 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 PX500 owners.


+ Fluorescent Pink


CMYK only

Unlock "Pinkonomics": Fluorescent Pink plus our powerful print servers extend the PX500 Press's already impressive gamut far Beyond CMYK. That means you can hit imagery and brand color expectations from print #1 with less costly guesswork and paper waste—and optimize profits.

SPECIFICATIONS

Xerox® Proficio™ PX500 Production Press

PRODUCTIVITY / PRINT SPEED

- Average Monthly Print Volume: Up to 350,000
- Duty Cycle: 1.8 million
- 100 ppm (8.5" x 11" / A4), 52–400 gsm
- All stocks rated speed, standard

PRINT IMAGE QUALITY

- 2400 × 2400 dpi LED imaging array for sharpness and detail
- 1200 × 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 up to 400 gsm
- Full Width Array (FWA) automatic press calibration and stock profiling to eliminate time-consuming operator-initiated tasks for greater quality and productivity
- FWA for stellar front-to-back and inboard / outboard alignment adjustments, optimizing toner coverage for smooth to textured stocks and delivering consistent toner coverage to safeguard image integrity
- 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 and profiling, yielding richer, smoother color and transitions
- Production Accurate Registration (PAR) for consistent front-to-back registration
- Xerox® PredictPrint Media Manager Software for cloud-based AI to automatically optimize the press based on what is in the tray, for faster media management with no need to manually adjust critical quality settings
- Closed-Loop Process Controls for quality adjustments in real time
- Automated Sheet Clearing for less downtime and more productivity
- Compact Belt Fuser for higher speeds and image consistency running heavyweight, XLS and mixed media
- High Definition Emulsion Aggregate (HD EA) Toner with small, uniform particles to deliver fine lines and overall image quality for CMYK Bias Transfer Belt with auto-cleaning technology to improve media latitude, especially textured stocks
- Smart Decurler to calculate coverage, paper, and humidity for the flattest possible output
- Modular feeding and finishing options for configuration versatility
- Finishing capabilities: Wire Binding, Booklet Making, Cutting, Trimming, Folding, Finisher, Folder, Hole Punch and Perforation, Stacking
- EPEAT® registered and ENERGY STAR® certified — meeting third-party verified standards for environmental performance and energy efficiency.
- Xerox® SMart Kit® Replaceable Unit customer-replaceable items to increase uptime
- Xerox Job Progress Light: A highly visible light to see job status across the room

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
- 52–400 gsm from Advanced OHCF
- 52–400 gsm from optional HCVF

Capacity / Handling

- Base Press (5,900 sheet capacity at 80 gsm)
  - Trays 1–3 (550 sheets each)
    - Maximum size 13 × 19.2" (330 × 488 mm)
    - Minimum size 5.5 × 7.2" (140 × 182 mm)
  - Bypass (250 sheets)
    - Maximum size 13 × 26" (330 × 660 mm)
    - Minimum size 3.9 × 5.8" (98 × 148 mm)
- Advanced OHCF, 2 tray (4,000 sheets)
    - Maximum size 13 × 19.2" (330 × 488 mm)
    - Minimum size 3.9 × 5.8" (98 × 148 mm)
  - 9,900 sheets maximum (80 gsm)
- Registration on standard sheets +/- 0.5 mm, 52–300 gsm
- Auto-Tray Switching / Reload-While-Run Capability
- Auto-Duplex 400 gsm
- Simplex 400* gsm

PERFORMANCE-ENHANCING OPTIONS

- **Beyond CMYK+ 5th Color Overlay Station:** Expands gamut and creative range for specialty effects that command attention and higher margins
- **Static Dissipation Module (SDM):** Keeps 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

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 designed for seamless 4- and 5-color flexibility to bring brilliance and precision to every print:

- Xerox® EX-P PX500 Print Server Powered by Fiery®
- Xerox® EX PX500 Print Server Powered by Fiery®
- The included Fiery Smart Estimator lets operators assess PDFs in just a few clicks to determine Specialty Dry Ink costs

ELECTRICAL

- Base Configuration: 208–240 V, 50 / 60 Hz, 24 amps; requires 30A circuit (sole use); single-phase, NEMA 14–30 L
- 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+OHCF+SERVER)

- Height: 53.9" (1,370 mm)
- Width: 121" (3,073 mm)
- Depth: 32.8" (833 mm)
- Weight: 1,585 lb. (719 kg)
  - Printer: 1,085 lb. (492 kg)
  - OHCF: 452 lb. (205 kg)
  - Server: 48.6 lb. (22 kg)

Explore the PX500 and all our Proficio Presses: xerox.com/proficio

© 2026 Xerox Corporation.All rights reserved. Xerox® is a trademark of XRX Brandco LLC in the United States and/or other countries. 09/26 WF-1604204 BR42953 PX5BR-01UB EMC26085

* Media from the Xerox® Proficio™ PX500 Press Tested Substrate List (TSL)