# Your production print power, perfected.

## Xerox® Proficio™ PX500 Production Press

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 advanced imaging, media handling and built-in automation that elevate quality, accelerate turnarounds and drive profitability. In short, it's the production workhorse you've been waiting for.

**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 you can turn out more approval-ready CMYK jobs faster, more consistently and with fewer skilled operators.

### Upping the ante on image quality

We've raised the bar on toner and imaging. The PX500's small particle, High Definition Emulsion Aggregate (HD EA) Toner delivers vibrant color, fine detail and smooth gradients with a refined, offset-like finish. And its 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.

### Textured media friendly

Count on consistent quality on every surface—even thick, rough or embossed papers. With continually refreshed developer and automatic transfer adjustments, the PX500 promises better uniformity and richer solids from the first sheet to the last. Fine-tune settings for even more control.

## 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. Together, they unlock the PX500's full imaging potential—delivering effortless color accuracy, faster job and press setup, and confidence for operators of any skill level.

### 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.

### Hands-off Quality Control (QC)

The optional Quality Control Module keeps every run on track—automatically monitoring color and registration in real time. That means fewer manual checks, less waste and more time to focus on what's next.

### Propel new efficiencies

Engineered for speed, efficiency and nonstop productivity, the PX500 makes it easier than ever to cut costs, reduce waste and drive profitability, day after day.

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 PX500 runs all approved media at rated speeds when printing CMYK—coated or uncoated, textured or synthetic, envelopes, polyester, even magnetics—without compromise or slowdown.

### Big on larger format jobs

Go bigger—with the High-Capacity XLS Vacuum Feeder you can handle larger-format jobs with precision and speed, helping you expand applications and profit from new opportunities.

## EFFICIENCY, PERFECTED BY XEROX

### Integrated feeding and finishing

With a full range of inline finishing options and multiple feeding options, automation does the heavy lifting, reducing manual steps and cutting labor costs along the way.

### The interface you know and love

The PX500 is new but the interface will feel familiar. Operators can jump right in to check press status, fine-tune stocks in seconds and keep productivity soaring.

### All-systems-go assurance

Stay in the know with our exclusive Easy Vitals dashboard and Job Progress Light. Intuitive color coding gives you instant, at-a-glance awareness of press and job status—every moment of every run.

## PROFIT FROM HIGH-VALUE EMBELLISHMENTS

Specialty colors sell. The PX500 makes it easy to go Beyond CMYK inline, elevating everyday jobs into premium, attention-grabbing pieces that boost engagement, appeal and profit margins.

### 5th color, unlimited impact

Swap in specialty colors in just minutes to create a range of eye-catching effects. Use Fluorescent Pink for brilliant spot treatments, gamut-extended vibrance and brand color accuracy. Add Clear for pop and shine, or Low Gloss Clear for subtle, lustrous effects that make photos glow.

### Extra ink station, same space

Thanks to a compact developer design, the PX500 fits a 5th inline color station without adding to its footprint. Plus, the smaller design means toner gets refreshed faster.

### Two ways to estimate

Quoting made simple. Price jobs on the go with our cloud-based estimator or calculate costs instantly at the press with 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 PX500 owners.

## PROSPER WITH OUR PROVEN ECOSYSTEM

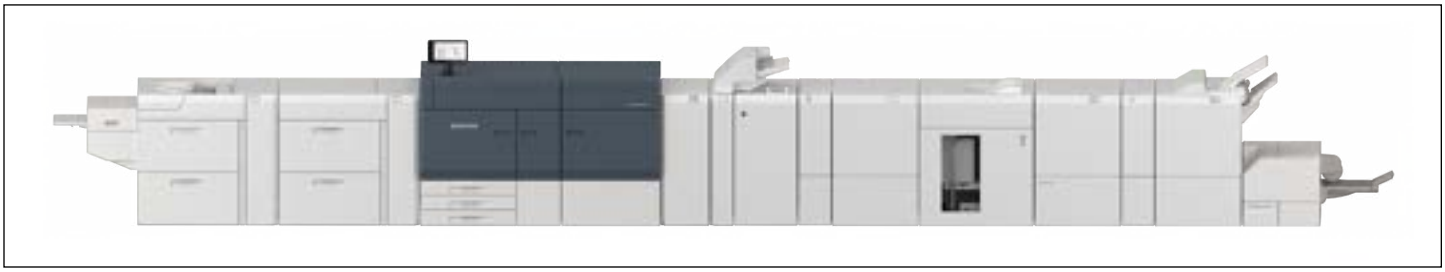
Our production ecosystem is more than technology—it's a partnership aimed to help your business run perfectly. From intelligent workflow software to expert support, our ecosystem is always there to keep your operation productive and moving forward.

**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 CareAR™ and our global service network, keep 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™ 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 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
  - 50, 200 Rotated Line Screen
  - FM Stochastic Screen

## PRINT IMAGE QUALITY

- Full Width Array (FWA) automatic press calibration and stock profiling eliminates time-consuming operator-initiated tasks with greater productivity and quality
- FWA provides stellar front-to-back alignment adjustments, optimizes tone coverage for smooth to textured stocks, and delivers consistent toner coverage, safeguarding image integrity across the page
- 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
- Production Accurate Registration (PAR) for consistent front-to-back registration
- Xerox® PredictPrint Media Manager Software uses cloud-based AI to automatically optimize the press based on what is in the drawer—for faster media management with no need to manually adjust critical quality settings
- Automated Sheet Clearing for less downtime and more productivity
- Closed-Loop Process Controls make quality adjustments in real time
- Compact Belt Fuser for higher speeds, image consistency, runs heavyweight, XLS, and mixed media
- 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: Wire Binding, Booklet Making, Cutting, Trimming, and Folding, Finisher, Folder, Hole Punch and Perforation, Stacking
- EPEAT, ENERGY STAR®, Xerox® SMart Kit® Replaceable Unit customer replaceable items
- The PX500 conforms to the most recent safety standards for information technology equipment
- Xerox Job Progress Light: A highly visible light lets you see machine status and job progress from 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 5.7" (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 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)
  - Advanced OHCF, 2 tray (4,000 sheets)
    - Maximum size 13" x 19.2" (330 mm x 488 mm)
    - Minimum size 3.9" x 5.8" (98 mm x 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
- Simplex 400* gsm
- Auto-Duplex 400 gsm

## 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

## 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-P PX500 Print Server Powered by Fiery®
- Xerox® EX PX500 Print Server Powered by Fiery®

## ELECTRICAL

- Base Configuration: 208–240 V, 50/60 Hz, 24 amps/ requires 30A circuit (sole use)/single phase, NEMA 14–30 L
- Additional electrical requirements 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" (1370 mm)
- Width: 105" (2670 mm)
- Depth: 32.8" (833 mm)
- Weight: 1585 lb. (719 kg)
  - Printer: 1085 lb. (492 kg)
  - OHCF: 452 lb. (205 kg)
  - Server 48.6 lb. (22 kg)

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

Xerox® Proficio™ PX500 Production Press More information at **www.xerox.com/proficio**.

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