MEET THE XEROX®
VERSANT® 3100 PRESS

Advance. Automate. Do More.

REPRO PRODUCTS

xerox®

Improve margins. Grow profits.

Step up to the most advanced press in the Versant® Family. The Xerox® Versant 3100 Press delivers more of what you need in a high-volume print solution. Speed, optimized alignment, color calibration technologies and robust finishing options allow you to respond with confidence to the ever-changing print market.

The Versant® family's unique combination of competition-busting image quality, media latitude and workflow automation is brought to its highest, most powerful potential in the Versant 3100.

ATTRACT NEW BUSINESS.

You'll gain an instant quality advantage and ability to create high-value applications. Attract new business, increase margins and build a reputation for excellence with stunning, accurate output.

IMPROVE UPTIME AND INLINE CAPABILITIES.

Reduce waste and maximize uptime with fully automated color calibration and image-to-media alignment, as well as a wide range of inline finishing options.

PRINT AT TOP SPEEDS ON A WIDE RANGE OF MEDIA.

Print at a top speed of 100 ppm on stock weights from 52–350 gsm, and maximize your job types with the ability to run envelopes, 26" (660 mm) banners, polyester/synthetic, textured, colored, custom media and mixed-stock printing.

EASY, AUTOMATED AND PRECISE

You'll also get our automated Production Accurate Registration (PAR) for precise registration from first print to the end of the run, with automatic sheet clearing and three automated production modes to balance production needs without complicated setup.

THE VERSANT® AUTOMATION ADVANTAGE

The Versant 3100 Press takes the Versant family's automation advantage to extremes. Groundbreaking technologies based on Xerox innovation and ingenuity combine with a single focus—ultimate productivity without sacrificing quality, control or capabilities.

MORE PERFORMANCE

From its enhanced monthly duty cycle of 1.2 million prints to its advanced fusing technology, engine cooling module and wide media latitude with auto-duplexing on even the heaviest stocks and substrates, the Versant 3100 is a powerful—and sophisticated—press.

MORE IMAGE QUALITY

Head-turning Ultra HD Resolution Technology is just the start. Our incredibly competent Full Width Array enables near-total automation of virtually every quality parameter, from color calibration to registration, image transfer, density uniformity, image-to-media alignment and more. Closed loop, operator-free processes ensure color consistency and overall image quality within each run.

MORE VERSATILITY

Versatile feeding and finishing options allow you to create exactly the Versant press you need to build your business. There's no need to choose between capacity and capability. With Versant, you can have it all—inline and hands-free.

MORE RESULTS

Time-saving, profit-building productivity, driven by astounding levels of automation and image quality. That's the Versant Automation Advantage.

Find out more and explore options at
www.xerox.com/versant3100.

Xerox® Versant® 3100 Press

Full automation. More productivity.

VERSANT 3100 AT-A-GLANCE

- Powerful production press, printing 100 ppm on stocks and specialty media from 52–350 gsm.

- Wide media latitude including banner printing (26"/660 mm), synthetics, labels, envelopes and more. Our Stock Library Manager (SLM) provides single-click convenience when assigning and optimizing specific media.

- Automated color calibration, Production Accurate Registration (PAR) and other registration and image quality controls create error-free output and tolerances to within a half millimeter without manual adjustments, operator error or profit-busting do-overs. Automated Sheet Clearing reduces downtime.

- Feeding and inline finishing versatility create opportunities for the higher-margin, higher-profit applications your competition can't offer. Print everything from envelopes to banners to full bleed booklets. An integrated cooling module eliminates stock cool-down time for seamless operation from start to finish.

- With an Average Monthly Printing Volume (AMPV) of up to 250,000 and a maximum monthly duty cycle of 1.2 million, you're ready for anything.

- Exclusive Xerox® Ultra HD Resolution Technology, with four times more resolution and low-gloss, low-melt EA Toner for an offset-like finish with all the ease and convenience of a digital press.

STUNNING IMAGE QUALITY

The Versant 3100 achieves a new standard of image quality with Ultra HD Resolution Technology, delivering four times more pixels than other presses while still printing at blazing fast speeds. It's a winning combination of technologies, including our EA Toner, 2400 x 2400 dpi with 10-bit RIP and an advanced Compact Belt Fuser that provides just the right amount of consistent heat and pressure for a given stock. Every job is rendered with jaw-dropping detail, crispness and clarity from first print to last.

AUTOMATED COLOR CALIBRATION, IMAGE QUALITY CONTROLS AND REGISTRATION

Color calibration is no longer a time-consuming, labor-intensive chore with the Versant 3100's Full Width Array (FWA) inline scanning assembly and Automated Color Quality Suite (ACQS) software. Working together, they safeguard color quality and consistency throughout the run, ensuring every page of output matches the desired target.

The Full Width Array also adjusts Image Transfer and Density Uniformity, fine-tuning and preventing issues before they occur to deliver optimized output. The Image-to-Media Alignment saves time and eliminates costly waste caused by registration errors or image skew—for perfect front-to-back registration regardless of media type or sheet size.

I'm ready to grow with the most powerful, advanced digital press in its class.

AUTO-DUPLEX UP TO 350 GSM

Working with heavyweight stocks won't slow you down, even on duplex jobs. The Versant® 3100 can print duplex media up to 350 gsm without operator intervention.

PRODUCTIVITY ON MIXED MEDIA

The Versant 3100's Productivity Mode lets you optimize the speed of the press when printing with mixed media. There are three settings, allowing you to easily balance production needs without complicated and time-consuming setup.

- Optimize for Speed—Prints mixed media automatically at a fast rate with fewer fuser temperature adjustments.
- Optimize for Image Quality—Instructs the fuser to adjust its temperature to maintain the best image quality when printing with mixed media.
- Optimize for Speed for Mixed Weight Papers Above 300 gsm— Provides the fastest speed when using mixed stock with some papers over 300 gsm.
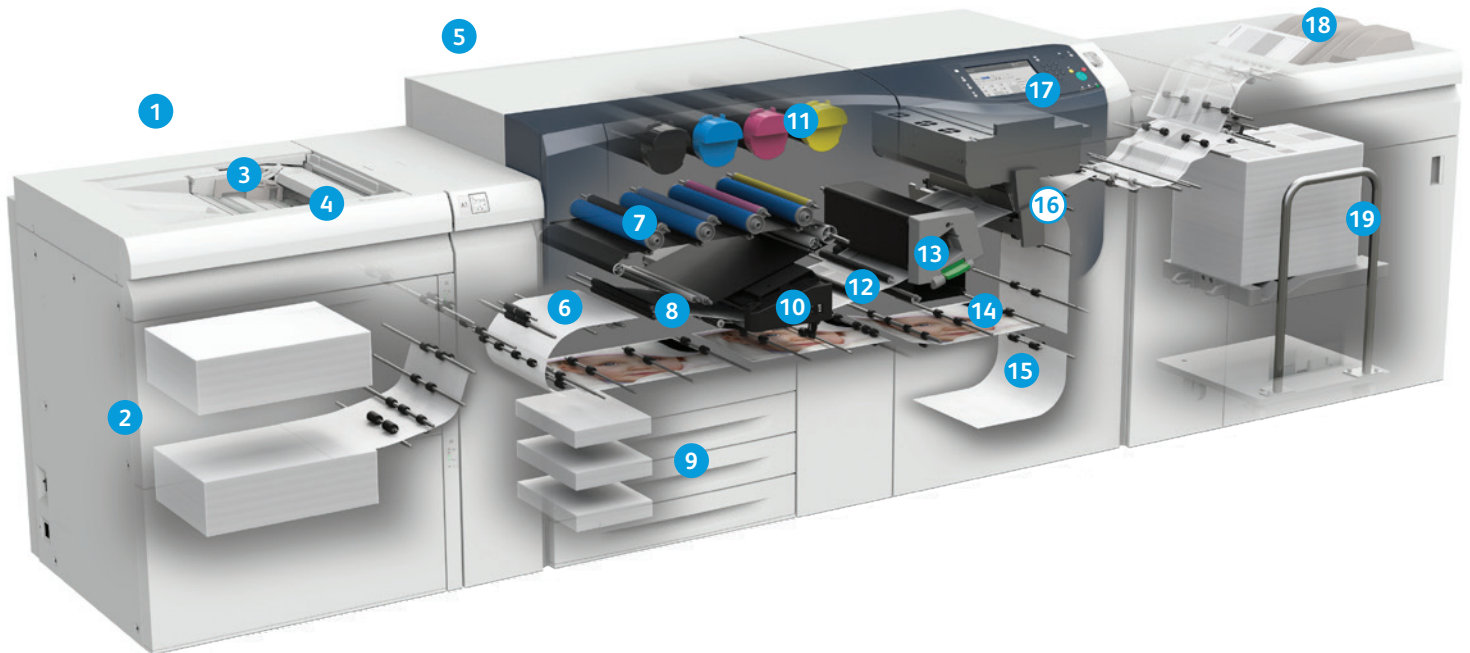
STOCK LIBRARY MANAGER

Manage media faster in your busy production environment by creating and managing a library of frequently used stocks for easy selection when printing. Library stocks can be quickly assigned to specific trays, and it's easier than ever to add new stock profiles.

- Automatically adjust print engine parameters for specific stocks
- Create and name special alignment and fold profiles for challenging media
- Adjustments include fuser temperature, fuser speed, paper speed at transfer, roll nip pressure, primary and secondary voltage transfer, alignment roll pressure and many customized image-optimizing settings

The Xerox® Versant® 3100 Press: Features That Drive Results

1

Ultra HD Resolution Technology—The combination of rendering resolution and imaging resolution with expanded halftone screens yields a smoother, crisper resolution of objects and improved graphic fills and sweeps.

2

Advanced Oversized High Capacity Feeder—Total paper capacity of 4,000 sheets 13 x 19.21" (330.2 x 488 mm) in two trays, with integrated technology to reduce skew, improve paper handling and prevent misfeeds. A Tray Inserter extends minimum size to 3.86 x 5.83" (98 x 148 mm) for postcards and envelopes.

3

Bypass Tray—A convenient and accessible pick point for feeding standard and specialty media like envelopes or extra-long sheets (XLS).

4

Extra-Long Sheet (XLS) Capability—Print banners, dust jackets, calendars and other applications up to 26" (660 mm) long.

5

Stock Library Manager (SLM)—Powerful tool for fast media management helps optimize even challenging stocks like textured or heavyweights. With just a few clicks, create reusable profiles to adjust print engine parameters for enhanced quality.

6

Production Accurate Registration (PAR)—Provides consistent front-to-back registration automatically for perfect registration from job start to finish.

7

Bias Charge Rolls and Auto Cleaning Technology—Provides uniform electrical charging of key xerographic components, ensuring smoother halftones and reduced downtime. Both Bias Charge Rolls and Drum Cartridges are combined as a single, customer replaceable unit (CRU) for easier, faster maintenance.

8

Intermediate Belt Transfer—An automated and continuous process applying bias (voltage) and sensors to transfer images to registered paper with higher color quality and consistency with no operator involvement.

9

Three Standard Paper Trays—Each holds 550 sheets of coated or uncoated stocks in sizes ranging from 5.5 x 7.17" (139.7 x 182 mm) up to 13 x 19.21" (330.2 x 488 mm) and weights up to 256 gsm.

With Versant®, perfect output, less waste and more productivity are automatic.
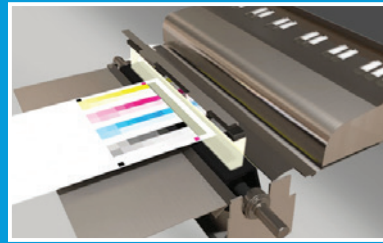

Full Width Array (FWA)

(16)

FULL WIDTH ARRAY (FWA)

Automates and eliminates time-consuming operator-initiated tasks resulting in greater quality and press productivity.

Automated image quality adjustments, calibration and profiling on the Versant 3100 are enabled and enhanced by this unique inline scanning assembly.

The FWA spans the entire width of the paper path just behind the print engine decurler. With just a few simple clicks, operators can accomplish tasks that, on other presses, may require a service technician or time- and productivity-consuming manual processes to optimize press quality.

Automated Image-to-Media ensures perfect image alignment and front-to-back registration regardless of sheet size or media type—saving time and eliminating costly waste due to mis-registration or image skew.

Automated Image Transfer optimizes toner coverage for unsurpassed quality printing on every stock, whether smooth, textured or unique.

Automated Density Uniformity delivers consistent and uniform toner coverage across the sheet, preventing washed-out areas before they occur—safeguarding image integrity across the page.

In addition, the FWA is used to automatically calibrate your print server and create destination profiles without having to manually scan targets.

By removing the need for operator-intensive and complex processes, the FWA reduces errors and time spent on calibration while ensuring stable, accurate and repeatable color. Because the FWA process is pain-free and automatic, operators are more likely to complete calibration and profiling.

(10)

Advanced Fusing Technology—A newly designed flat fuser pad in the Compact Belt Fuser results in a larger surface contact area, reducing paper stress and deformation. The fuser uses two heat rolls to replenish the heat lost through the fusing process more quickly and efficiently for consistent image quality at high speeds. Although designed for long life, the entire assembly is customer replaceable, eliminating downtime and lost productivity.

(11)

Load-While-Run Dry Ink—Specially engineered Emulsion Aggregation (EA) Low Melt Dry Ink provides a smooth, offset-like finish and outstanding color image quality with smaller, more uniform particles and less energy.

(12)

Smart Decurler Module—Delivers consistent, error-free finishing by automatically removing up or down curl using paper weight and ambient temperature/humidity data.

(13)

Compact Cooling Module—Enables maximum productivity by cooling stocks at rated speed so applications can be finished immediately.

(14)

Automated Sheet Clearing—Provides simple, efficient and faster jam recovery. For increased uptime and fewer job interruptions.

(15)

Paper Path—Features include stainless steel inversion and duplex paths, supporting benchmark image quality and reliability at top speeds.

(16)

Full Width Array—Assembly contains an integrated RGB scanner, eliminating time-consuming and error-prone setup tasks.

(17)

Integrated User Interface—Provides access to press controls and statuses. Also provides access to Full Width Array IOT Control functions.

(18)

Output Tray—Provides quick and easy access for short runs and proofs.

(19)

High Capacity Stacker—Provides production-stacking capabilities to a removable cart, with the ability to direct sample prints to the top tray for inspection without disturbing stack tray content and integrity, maximizing press time.

Grow profits and achieve efficiency with automation.

Robust features of the Versant® press combine with versatile print server, feeder and finishing options to extend your production-level capabilities while driving profits with time-saving automation and exclusive Xerox image quality.

When choosing a print server for your Xerox® Versant 3100 Press, consider your future growth potential along with your current needs.

The Xerox® EX-P 3100 Print Server Powered by Fiery® is the more powerful of the two EFI™ server options. This print server is ideal for production environments that need more power to efficiently handle complex graphics-intensive files today and in the future. With 4 TB data storage, 16 GB system memory and HyperRIP parallel processing, the EX-P 3100 has the capacity to handle the most challenging production schedules and variable data jobs. This server comes standard with the Fiery® Graphic Arts Package, Premium Edition, as well as Fiery Impose-Compose and Fiery® Color Profiler Suite with EFI ES-2000 spectrophotometer.

The Xerox® EX 3100 Print Server Powered by Fiery provides similar tools to the EX-P 3100, giving operators easy control of color output and flexible job management using Command WorkStation®, but without the HyperRIP capabilities and better suited for less demanding production environments. It also features Ultra High Definition Resolution with 10-bit color depth and Fiery Ultra Smooth Gradients. This server comes standard with Fiery Impose-Compose and Fiery Color Profiler Suite with EFI ES-2000 spectrophotometer. The Fiery Graphic Arts Package, Premium Edition is an option.

The Xerox® FreeFlow® Print Server is a powerful standalone unit with benchmark RIP performance using data caching distributed processing and supporting AFP/IPDS™ transactional data streams. You'll get full production capabilities, outstanding color management and the flexibility to make late stage edits like imposition and color corrections.

Ultra HD Resolution Technology

Extra-long sheet printing—maximum paper size 13 x 26" (330.2 x 660 mm)

Versatile Enough To Fit Your Needs

FEEDING OPTIONS

1

Xerox® Advanced Oversized High Capacity Feeder (Adv OHCF)—Provides a total paper capacity of 4,000 sheets (two trays of 2,000), 52–350 gsm coated or uncoated to a maximum 13 x 19.21" (330.2 x 488 mm). Innovative technologies minimize skew, improve feeding reliability and paper handling, and prevent misfeeds. A Tray Inserter extends minimum paper size to 3.86 x 5.83" (98 x 148 mm) for postcards and envelopes.

2

Bypass Tray—Holds 250 sheets, providing a convenient media pick point for feeding standard or specialty media. Auto-duplexing up to 350 gsm and simplex to 350 gsm. It also accommodates extra-long sheets (XLS) for 13 x 26" (330.2 x 660.4 mm) simplex-printed banners on coated or uncoated stocks up to 220 gsm.

3

Three Internal Trays—Hold 550 sheets each of 52–256 gsm coated or uncoated sizes from 5.5 x 7.17" (139.7 x 182 mm) up to 13 x 19.21" (330.2 x 488 mm).

4

Xerox® Dual Advanced High Capacity Feeders—Extend feeding capacity to 8,000 sheets with a second chained Advanced Oversized High Capacity Feeder.

FINISHING OPTIONS

5

Offset Catch Tray—500-sheet stacking.

6

Xerox® Interface Decurler Module—Inline paper cooling and decurler unit improves throughput and efficiency connecting Production Ready finishing modules and ensuring flat sheets for reliability and speed.

7

Xerox® Inserter—Inserts 250 preprinted or blank sheets into finishing for preprinted covers. Enables trimming, punching, folding, stapling and stacking of inserted sheets from 13 x 19.2" (330 x 488 mm) to 7.2 x 5.8" (182 x 148 mm) up to 350 gsm coated and uncoated.

8

GBC® AdvancedPunch™ Pro—Punch for coil and comb binding near-line or punch and bind inline with GBC eWire™. Easy-to-insert punch/hole die sets are available. Able to punch a variety of standard sheets in long or short edge, tabs and weights up to 300 gsm. Supports commonly used offline binding styles like comb, coil, wire, ring, GBC ProClick® and VeloBind®.
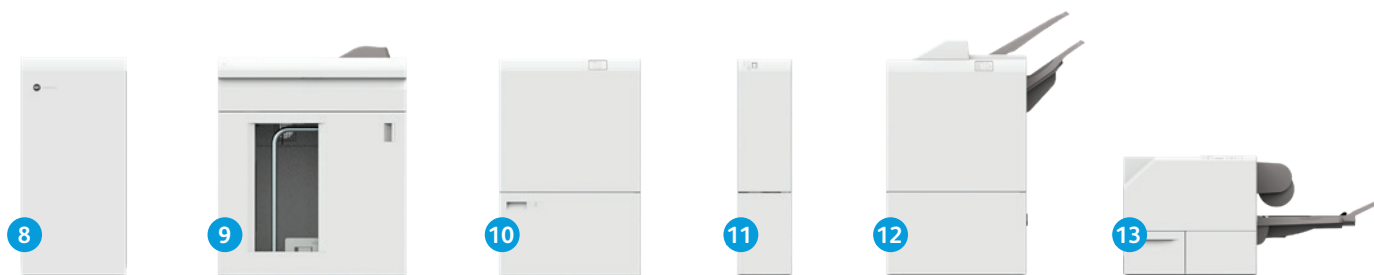
9

Xerox® High Capacity Stacker—Enables stacking and offsetting for 5,000 sheets, up to 350 gsm, using standard size sheets or custom sizes (maximum 13 x 19.2"/330 x 488 mm to minimum 8 x 7.2"/203 x 182 mm); stacking tray with a movable cart. Includes a 500-sheet top tray for proofs/output.

10

Xerox® Crease and Two-Sided Trimmer—Trims the head and foot of a sheet up to 0.985" (25 mm) with a minimum trim of 0.236" (6 mm) using standard or custom sizes (maximum 13 x 19.2"/330 x 488 mm to minimum 7.7 x 8.3"/194 x 210 mm) on uncoated and coated stocks up to 350 gsm. Includes a buffering unit that extends print productivity during trimming and allows for up to five customizable mountain or valley creases on a sheet. Used in combination with the Production Ready Finisher and Booklet Maker.

(8) **(9)** **(10)** **(11)** **(12)** **(13)**

(11)

Xerox® C/Z Fold Module—Produces sheets with C or Z folds for 8.5 x 11" (A4), half-Z fold on larger stocks reducing to 8.5 x 11" (A4) on 64–90 gsm uncoated. For the Production Ready Finisher and Booklet Maker.

(12)

Xerox® Production Ready Finisher—Produces superior quality finishing and stacking with built-in bi-directional decurler. Staple up to 100 sheets (90 gsm) uncoated and 35 sheets (90 gsm) coated stock using standard or custom sizes (maximum 11.7 x 17"/297 x 432 mm to minimum 7.2 x 5.7"/182 x 146 mm) with variable-length staples on stocks up to 350 gsm. Add optional Punch, Inserter or C/Z Folder. Includes two output trays, 500-sheet top tray, finish up to 3,000-sheet stack tray of maximum 13 x 19.2" (330 x 488 mm) to minimum 5.83 x 5.75" (148 x 146 mm).

Xerox® Production Ready Booklet Maker Finisher—Provides booklet making with features of the Production Ready Finisher. Includes a third tray for saddle-stitch booklets up to 120 pages (30 sheets/90 gsm uncoated–25 sheets/90 gsm coated). Includes a 500-sheet top tray and 2,000-sheet stack tray. Create big booklets (maximum sheet 13 x 19.2"/330 x 488 mm) to small booklets (7.17 x 10.1"/182 x 257 mm) on uncoated and coated stocks up to 350 gsm; half-fold unstapled up to 5 sheets (216 gsm) on stock up to 350 gsm. (Not pictured)

Xerox® Production Ready Finisher Plus—Provides same function as the Production Ready Finisher with a 500-sheet top tray and 2,000-sheet stacker tray. Used to connect third-party inline finishing options. (Not pictured)

Xerox® Basic Punch—An option for punching 2/3, 2/4 and Swedish 4-hole on the Production Ready Finisher and Booklet Maker using standard or custom sizes—maximum 11.69 x 17"/297 x 431.8 mm to minimum 8 x 7.2"/203 x 182 mm (for 2 hole), 10 x 7.2"/254 x 182 mm (for 3 hole) and 10.5 x 7.2"/267 x 182 mm (for 4 hole) on uncoated and coated stocks up to 220 gsm. (Not pictured)

(13)

Xerox® SquareFold® Trimmer—Creates flat finished booklets with the appearance of bound book-like edge; eliminate shingle effect with professional face trim up to 120 pages (30 sheets). Combine with the Crease and Two-Sided Trimmer for finished full bleed booklets. For the Production Ready Booklet Maker Finisher.

Plockmatic Pro 50/35 Booklet Maker—Highest quality production booklets up to 200 pages (50 sheets). Do face trimming, square fold, rotate crease and bleed trim, and hand feeding, sizes up to 12.6 x 9" (320 x 228.6 mm) and 300 gsm. Connects via Production Ready Finisher Plus. (Not pictured)

GBC® eWire™—Automated twin-loop wire binding up to 160 pages (80 sheets). Includes various wire options for letter, 8.5 x 5.5", A4 and A5 up to 300 gsm. Connects via Production Ready Finisher Plus; requires GBC AdvancedPunch Pro. (Not pictured)

FINISHING APPLICATIONS

Sort and Collate	Staple	Hole Punch
Basic Punch	Booklet	2-Sided Trim
Z-Fold	Tri-Fold	Tabloid Z-Fold
C-Fold	Square Fold	Face Trim

Xerox® Versant® 3100 Press

PRODUCTIVITY/PRINT SPEEDS

- Average Monthly Print Volume: Up to 250,000
- Duty Cycle: 1.2 million
- 100 ppm (8.5 x 11"/A4), 52–300 gsm
- 80 ppm (8.5 x 11"/A4), 301–350 gsm
- 52 ppm (11 x 17"/A3), 52–300 gsm
- 44 ppm (11 x 17"/A3), 301–350 gsm

IMAGE QUALITY

- 2400 x 2400 dpi VCSEL ROS for sharpness, detailed shadows and bright highlights
- 1200 x 1200 x 10 RIP rendering without down sampling for Ultra HD Performance
- Halftone Screens for smoother, crisper resolution and improved gradients
  – 150, 175, 200, 300, 600 Clustered Dot
  – 150, 200 Rotated Line Screen
  – FM Stochastic Screen

TECHNOLOGY

- Full Width Array (FWA) automatic press calibration and stock profiling eliminates time-consuming operator-initiated tasks with greater productivity and quality.
- FWA provides perfect 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 four times more pixels than competitive presses
- Production Accurate Registration (PAR) for consistent front-to-back registration
- Stock Library Manager (SLM), with a single click, assigns and optimizes media for fast media management
- 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 and mixed media

- EA Low Melt Dry Ink toner with small, uniform particles for fine lines and overall image quality
- Bias Charge Rolls with auto cleaning technology improve press productivity
- Smart Decurler calculates coverage, paper and humidity for flattest possible output
- Modular feeding and finishing options for configuration versatility
- Xerox® SMart Kit® customer replaceable items
- Xerox® Connect Advantage Services

PAPER

Format/Sizes

- Maximum size: 13 x 26" (330.2 x 660.4 mm)
- Maximum standard sheet: 13 x 19.21" (330.2 x 488 mm)
- Minimum size: 3.86 x 5.75" (98 x 146 mm)

Flexibility/Weights

- Coated, uncoated, envelopes, tabs, polyester/synthetic, textured, colored, banner, custom media and mixed-stock printing
- 52–350 gsm uncoated and coated
- 52–256 gsm from Trays 1–3
- 52–350 gsm from Bypass
- 52–350 gsm from Advanced OHCF

Capacity/Handling

- 5,900 sheets standard (80 gsm)
  – Trays 1–3: 550 sheets each, maximum size 13 x 19.21" (330.2 x 488 mm), minimum size 5.5 x 7.17" (139.7 x 182 mm)
  – Bypass: 250 sheets, maximum size 13 x 26" (330.2 x 660.4 mm), minimum size 3.86 x 5.75" (98 x 146 mm)
  – Adv OHCF, 2 trays, 4,000 sheets, maximum size 13 x 19.21" (330.2 x 488 mm), minimum size 3.86 x 5.83" (98 x 148 mm)
- 9,900 sheets standard (80 gsm)
  – Trays 1–3: 1,650 sheets
  – Bypass: 250 sheets
  – Optional Dual Adv OHCF, 4 trays, 8,000 sheets

- Registration on standard sheets:
  – Internal Trays, and standard sized stocks greater than 300 gsm, +/- 1.0 mm
  – Adv OHCF, all standard sized stocks 52–300 gsm, +/- 0.5 mm
- Auto-Tray Switching/Reload-While-Run Capability
- Simplex 350 gsm (4/0 impressions)
- Auto-Duplex 350 gsm (4/4 impressions)

VARIABLE DATA OPTIONS

- XMPie®, Xerox® FreeFlow® Variable Information Suite and other industry partners

PRINT SERVER OPTIONS

- Xerox® EX 3100 Print Server, Powered by Fiery®
- Xerox® EX-P 3100 Print Server, Powered by Fiery
- Xerox® FreeFlow Print Server

ELECTRICAL

- Base Configuration: 208–240 VAC, 50/60 Hz, 30A (sole use)/single phase/NEMA 14–30
- Additional electrical required for print server, feeding/finishing devices
  – 115 VAC 15 Amp for 60 Hz or 220 VAC 10 Amp for 50 Hz (Western Hemisphere)
  – 220–240 Volts, 10 Amp, 50 Hz (Europe)

DIMENSIONS/WEIGHT OF BASE PRESS

- Height: 44" (1,110 mm)
- Width: 105" (2,670 mm)
- Depth: 32" (807 mm)
- Weight: 1,631 lb (740 kg)

Note: Heavier weight and larger stocks can reduce specifications. Consult the Customer Expectation and Installation Guide (CEIG) for full details.

REPRO PRODUCTS

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