

180 / 180 WITH PERFORMANCE PACKAGE



# MEET THE XEROX® VERSANT® 180 PRESSES

Advance. Automate. Do More.



# What's your strategy?

The Xerox® Versant® Family of Presses delivers the full promise of digital print. Whichever you choose, you'll become an instant player in the fastest-growing sector in the industry.



# Achieve benchmark quality and advance your capabilities with the Xerox® Versant® 180 Press.

The Versant Family of Presses is known for high quality and easy automation, and the ability to print on a wide range of media types. With the Versant 180, you'll instantly advance your capabilities.

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

Reduce waste and maximise uptime with Simple Image Quality Adjustment (SIQA) for perfect front-to-back registration at the touch of a button. Choose from a full range of fully automated inline finishing options, including full bleed booklets.

Print at top speeds on stock weights from 52-350 gsm, and maximise your job types with the ability to run envelopes, 660 mm banners, polyester/synthetic, textured, coloured, custom media and mixed-stock printing.

## EXPAND YOUR OPERATION AND PRINT 25% FASTER ON EVEN THE HEAVIEST STOCKS WHEN YOU ADD THE PERFORMANCE PACKAGE.

The Xerox® Versant 180 with Performance Package delivers full automatic colour calibration and in-machine processes that take the guesswork out of producing perfect output every time.

Build your business – and keep up with demand as it grows over time – with the easy investment that provides even more power and performance. More advanced automation, faster speeds and built-in productivity enhancers boost efficiency and bottom-line results as your business grows.

A powerful combination of process controls and our Automated Colour Quality Suite (ACQS) with an X-Rite® Inline Spectrophotometer provides fully automated colour management and the highest possible print quality. Complex, multi-step calibration operations are reduced to pushbutton simplicity.

Even the heaviest stocks won't slow you down with our advanced Compact Belt Fuser capable of running 80 ppm on stocks up to 350 gsm. And with a maximum paper size of 660 mm, you'll gain even more flexibility in terms of applications and production capabilities.

Find out more and explore options at [www.xerox.com/versant180](http://www.xerox.com/versant180).



## MORE AUTOMATION ADDS UP TO BETTER RESULTS.

With Versant®, automation enhances key production processes – providing competition-busting performance, image quality and versatility. That means better results for your growing print operation, with across-the-board improvements to workflows, output and your bottom line.



## MORE PERFORMANCE

Combine powerful Versant 180 base capabilities with the Performance Package and print 25% faster on stocks up to 350 gsm. Gain media latitude and industry-leading capabilities you can't get from competitive presses.



## MORE IMAGE QUALITY

Wow your customers and deliver quality your competitors can't match with stunning HD output, enhanced by simplified and automated registration and colour calibration controls.



## MORE VERSATILITY

Build the press you need to grow your business with innovative inline finishing options. You'll even have the convenience of a walkup copier, scanner and printer.



## MORE RESULTS

It all adds up to better margins, higher profits and the ability to grow strategically with a single, future-proof investment.



Extra-long sheet printing – maximum paper size 330 x 660 mm

# Xerox® Versant® 180 Press and Xerox® Versant® 180 Press with Performance Package

## VERSANT 180 AT-A-GLANCE

- It's a compact – but powerful – production press printing at 80 ppm.
- Wide media latitude, with the ability to print on stocks and specialty media from 52-350 gsm.
- Automated registration and image quality controls create error-free output and tolerances to within one millimetre.
- High-performance press features combine with the convenience and walk-up simplicity of scanning and copying.
- 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.
- With an Average Monthly Printing Volume (AMPV) of up to 80,000 and a maximum monthly duty cycle of 750,000, you can keep up with demand and grow your business, month after month.

## WITH PERFORMANCE PACKAGE

All of the groundbreaking Versant 180 features, plus even more power and automation.

- Print 25% faster on heavier stocks and substrates – full rated speed of 80 ppm on stocks up to 350 gsm.
- An X-Rite® Inline Spectrophotometer automates once-tedious colour calibration, eliminating guesswork, saving time and upping your colour game with its easy operation.

And that's just the beginning.

## STUNNING IMAGE QUALITY

The Versant 180 achieves a new standard of image quality, delivering four times more pixels than other presses while still printing at blazing fast speeds. It's a winning combination of technologies, including our Xerox® 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 QUALITY AND ALIGNMENT CONTROLS

You'll spend less time in preproduction, and get the highest quality without guesswork from job start to finish. Our Simple Image Quality Adjustment (SIQA) automates three critical components of your print job throughout the run.

- Automated Image-to-Media Alignment ensures each page is perfectly registered and aligned – saving time and eliminating costly waste caused by registration errors or image skew – for perfect front-to-back registration regardless of media type or sheet size.
- Automated Image Transfer Adjustment ensures unsurpassed print quality on every stock – smooth, textured or unique – by optimising toner coverage based on media type.
- Automated Density Uniformity Adjustment safeguards image integrity across the page, delivering consistent and uniform toner coverage and preventing washed-out areas before they occur.

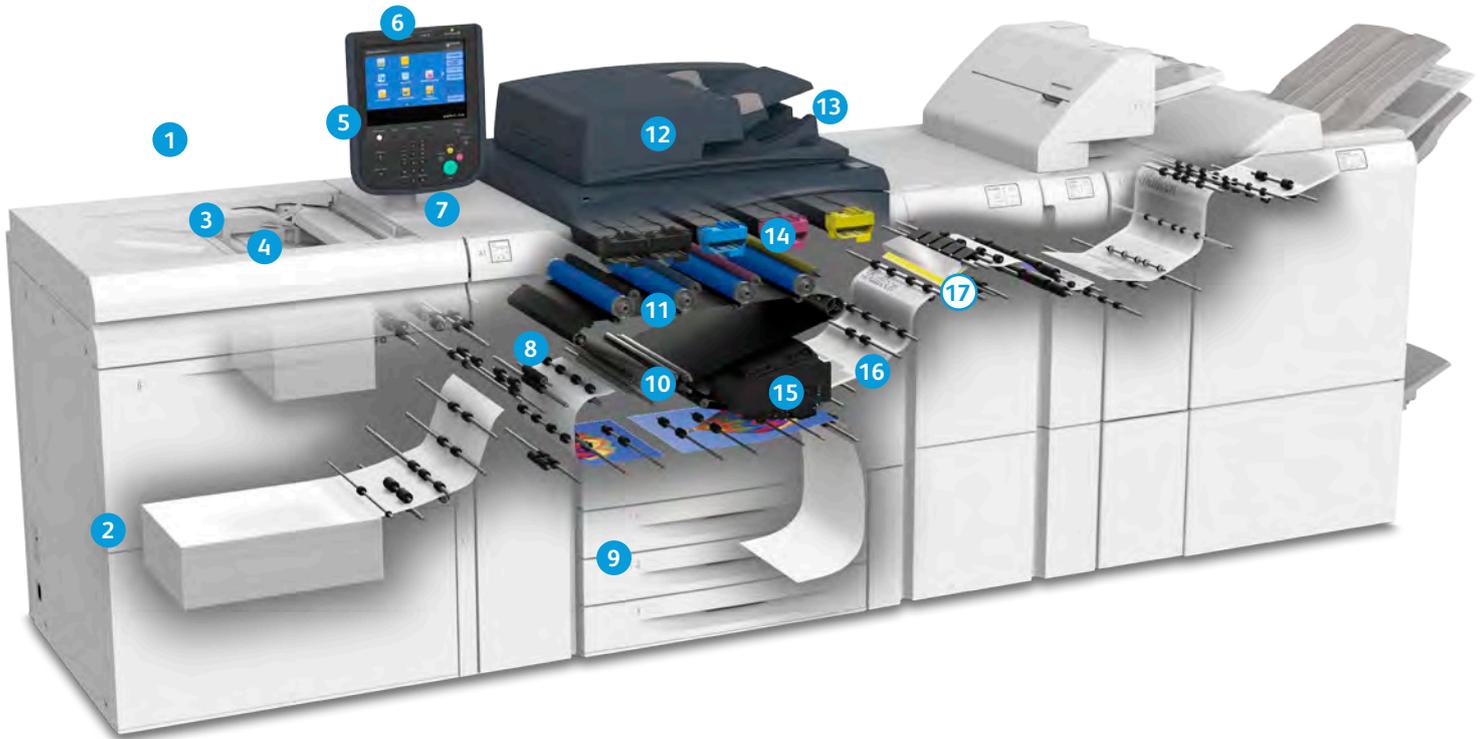
SIQA works in conjunction with the Versant 180's Integrated Registration Alignment (IRA) technology to make remarkable registration easy, accurate and automated – allowing you to produce higher quality jobs faster, on more media types, with better output and less waste.



I want to build my business strategically with more automation, quality and capabilities.



# Features That Drive Performance, Image Quality and Versatility



1

**Ultra HD Resolution** – 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 (option)** – Total paper capacity of 4,000 sheets (330 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 102 x 152 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 660 mm long.

5

**Custom Paper Settings** – Ensure perfect output on all stocks by allowing users to set, save and recall a wide range of technical settings for specific media types.

6

**Press Interface** – Provides quick and easy access to scan and copy features, automated processes, status and maintenance functions.

7

**Automated Run-Time Colour Controls** – An internal subsystem of closed-loop process controls works continuously during printing to automatically maintain colour consistency and colour-to-colour registration throughout the run.

8

**Integrated Registration Alignment (IRA)** – Uses over 50 sensors and switches to intelligently control paper transport that is accurate and automated.

9

**Three Standard Paper Trays** – Each holds 550 sheets of coated or uncoated stocks in sizes ranging from 140 x 182 mm up to 330 x 488 mm and weights up to 256 gsm.

## More power. More performance.

The Xerox® Versant® 180 Press with the Performance Package option enhances base capabilities with greater speeds on heavyweight stocks and automated colour management tools.

### PRINT 25% FASTER ON THE HEAVIEST STOCKS

Most presses slow down with heavier stocks – sometimes as much as half the rated speed. The Performance Package's All Stocks Rated Speed (ASRS) feature eliminates bottlenecks caused by heavier-weight stocks. Even stock weights up to 350 gsm will run at 80 ppm.

### AUTOMATED COLOUR QUALITY SUITE (ACQS)

Xerox ACQS is a powerful combination of advanced colour management software and integrated hardware that transfers complex decisions about colour maintenance from the operator to an automated system, eliminating the time and error associated with manual colour management. Once initiated by the operator, ACQS automates the printing and measurement of calibration charts, and calculates precise adjustments to colour tables based on the results.



Inline Spectrophotometer

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### X-RITE® INLINE SPECTROPHOTOMETER (ILS)

The Performance Package option includes an inline spectrophotometer built into the paper path where it measures spectral data and hands it over to the ACQS colour management software for print server calibration and stock profiling.

By removing the need for an operator-intensive handheld spectrophotometer and manual process, the ILS reduces errors and time spent on calibration while ensuring stable, accurate and repeatable colour. And because the process is pain-free and easy, operators are more likely to complete calibration and profiling.

10

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

11

**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.

12

**Integrated Scanner** – A dual-head color scanner provides copy and scanning up to 200 ipm and scans in black and white or colour, up to 600 dpi, with a 250-sheet (90 gsm) Duplex Automatic Feeder up to A3 sheets. Scanning output options include scan-to-file, email, USB or a server.

13

**Simple Image Quality Adjustment (SIQA)** – Pushbutton-easy print and auto-scan adjustments produce higher quality jobs faster, on more media types, with better output and less waste.

14

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

15

**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.

16

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

# Grow your business with Versant®.

When choosing a print server for your Xerox® Versant 180 Press, you'll want to consider your future growth potential along with your current needs.



## PRINT SERVERS

**Xerox® EX-i 180 Print Server Powered by Fiery® for the Xerox® Versant 180 Press** provides world-class colour and easy access to essential tools. This integrated unit is well-suited to lighter production environments with all the power you need to print large, complex Microsoft® Office documents and colour-critical PDFs accurately and quickly.

With Fiery® Hot Folders and Virtual Printers, you can automate job submission and eliminate repetitive workflows. You'll get consistent colour and take full advantage of Versant's Ultra HD Resolution capabilities with 10-bit architecture and special processing. And, you'll be able to offer personalised printing with Fiery FreeForm™, a built-in, free variable data printing format.

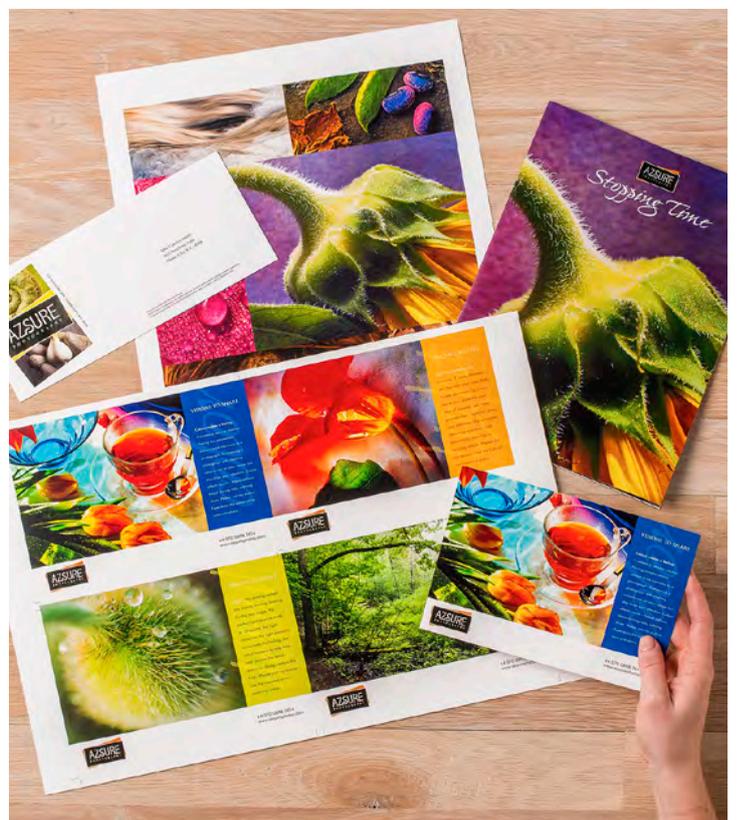


**Xerox® EX 180 Print Server Powered by Fiery for the Xerox® Versant 180 Press** is a powerful, scalable standalone digital front end delivering outstanding quality and best-in-class performance. You'll handle heavy workloads with faster turnaround times and turn short-run jobs more profitably by automating manual tasks, and even create a powerful Web-to-print solution to move job information through your system more efficiently.

You'll also get support for industry-leading variable data printing formats and powerful processing, and 10-bit architecture for ultra-smooth gradients. Includes Fiery Impose for intuitive, visual document imposition and templates to automate common layouts.



**Xerox® FreeFlow® Print Server for the Xerox® Versant 180 Press** is a powerful standalone unit with benchmark RIP performance using data caching and distributed processing. You'll get full production capabilities, outstanding colour management and the flexibility to make late stage edits like imposition and colour corrections. Make the most of Versant's Ultra HD Resolution with true 2400 dpi resolution and extensive colour management controls.



# Versatile Enough To Fit Your Needs



## FEEDING OPTIONS

1

**Three Internal Trays** – Hold 550 sheets each of 52-256 gsm coated or uncoated sizes from 140 x 182 mm up to 330 x 488 mm.

2

**Bypass Tray** – Holds 250 sheets, providing a convenient media pick point for feeding standard or specialty media. Auto-duplexing up to 300 gsm and simplex to 350 gsm. It also accommodates extra-long sheets (XLS) for 330 x 660 mm simplex-printed banners on coated or uncoated stocks up to 220 gsm.

3

**Xerox® High Capacity Feeder (HCF)** – Holds 2,000 sheets of A4 paper, 64-220 gsm, uncoated only. Ideal for long print runs of reports, presentations and mailers on A4 or letter-sized sheets.

4

**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 330 x 488 mm. Innovative technologies minimise skew, improve feeding reliability and paper handling, and prevent misfeeds. A Tray Inserter extends minimum paper size to 98 x 148 mm for postcards and envelopes.

**Xerox® Dual Advanced High Capacity Feeders** – Extend feeding capacity to 8,000 sheets with a second chained Advanced Oversized High Capacity Feeder. (Not pictured)

**One Tray Xerox® Oversized High Capacity Feeder (OHCF)** – Holds 2,000 sheets up to 330 x 488 mm in one tray, 52-350 gsm coated or uncoated stock. (Not pictured)

## FINISHING OPTIONS

**Offset Catch Tray** – 500-sheet stacking.  
(Not pictured)

5

**Xerox® Interface Decurler Module** – Inline paper cooling and decurler unit improves throughput and efficiency connecting Production Ready finishing modules (not required for Business Ready Finisher/Booklet Maker), ensuring flat sheets for reliability and speed.

**Xerox® Interface Decurler ILS Module** – All the features above, but with improved cooling features to handle the Performance Package's 80 ppm on stocks up to 350 gsm, and an integrated X-Rite® Inline Spectrophotometer providing even more colour automation. (Required for Performance Package.)

6

**Xerox® Inserter** – Inserts 250 preprinted or blank sheets into finishing for preprinted covers. Enables trimming, punching, folding, stapling and stacking of inserted sheets from 330 x 488 mm to 182 x 148 mm up to 350 gsm coated and uncoated.

7

**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. XLS banner printing is not enabled with this option. Supports commonly used offline binding styles like comb, coil, wire, ring, GBC ProClick® and VeloBind®.

8

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



9

**Xerox® Two-Sided Trimmer** – Trims the head and foot of a sheet up to 25 mm with a minimum trim of 6 mm using standard or custom sizes (maximum 330 x 488 mm to minimum 194 x 210 mm) on uncoated and coated stocks up to 350 gsm. Includes a buffering unit that extends print productivity during trimming. For the Production Ready Finisher and Booklet Maker.

10

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

11

**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 of maximum 297 x 432 mm to minimum 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 330 x 488 mm to minimum 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 330 x 488 mm) to small booklets (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.

**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® Business Ready Finisher** – A lighter-duty option for finishing and stacking and staples up to 50 sheet uncoated/15 coated. Includes hole punch and two output trays, 500-sheet top tray and up to 3,000 sheets using standard size sheets or custom sizes of maximum 330 x 488 mm to minimum 203 x 182 mm up to 350 gsm uncoated and coated. (Not pictured)

**Xerox® Business Ready Booklet Maker Finisher** – Provides booklet making with Business Ready Finisher features including a 500-sheet top tray and 1,500-sheet stack tray. Includes a third tray to output saddle-stitch booklets up to 64 pages (16 sheets/90 gsm uncoated–7 sheets/to 176 gsm coated). Booklets on uncoated and coated stocks to 300 gsm; maximum sheet 330 x 457.2 mm; half-fold up to 5 sheets on 220 gsm. (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 297 x 431.8 mm to minimum 203 x 182 mm (for 2 hole), 254 x 182 mm (for 3 hole) and 267 x 182 mm (for 4 hole) on uncoated and coated stocks up to 220 gsm. (Not pictured)

12

**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 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 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 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



Half-Fold



Square Fold



Face Trim

# Xerox® Versant® 180 Press

## PRODUCTIVITY/PRINT SPEED

- Average Monthly Print Volume: Up to 80,000
- Duty Cycle: 750,000
- Up to 80 ppm (A4) (80 ppm (A4) with Performance Package option)
- Up to 44 ppm (A3) (44 ppm (A3) with Performance Package option)

## 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

- Performance Package option increases speed by 25% on the heaviest stocks, delivering full rated 80 ppm on all stocks up to 350 gsm; adds automated colour calibration with X-Rite® Inline Spectrophotometer
- Ultra HD Resolution with four times more pixels than competitive presses
- Integrated Registration Alignment (IRA) 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 and mixed media
- Simplified Image Quality Adjustment (SIQA) for automated Image-to-Media Alignment, Density Uniformity and Image Transfer Adjustments
- Xerox® EA Low Melt Dry Ink toner with small, uniform particles, 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 increase up-time
- Xerox® Connect Advantage diagnostic technology

## PAPER

### Format/Sizes

- Maximum size: 330 x 660 mm
- Maximum standard sheet: 330 x 488 mm
- Minimum size: 98 x 146 mm

### Flexibility/Weights

- Coated, uncoated, envelopes, tabs, polyester/synthetic, textured, coloured, banner, custom media and mixed-stock printing
- 52-350 g/m<sup>2</sup> uncoated and coated (varies by trays / options)

### Capacity/Handling

- 1,900 sheets standard (80 gsm)
  - Trays 1-3: 550 sheets each, maximum size 330 x 488 mm, minimum size 140 x 182 mm
  - Bypass: 250 sheets, maximum size 330 x 660 mm, minimum size 98 x 146 mm
- 9,900 sheets maximum (80 gsm)
  - Trays 1-3: 550 sheets each
  - Bypass: 250 sheets
  - Optional Dual Adv OHCF, 4 trays, 8,000 sheets
- Registration on standard sheets +/- 1.0 mm, 52-300 gsm
- Auto-Tray Switching/Reload-While-Run Capability
- Auto-Duplex 300 gsm (4/4 impressions)
- Simplex 350 gsm (4/0 impressions)

## INTEGRATED SCANNER

- Includes Single-pass Duplex Automatic Document Feeder, up to 200 ipm colour/black and white; 250-sheet capacity, up to A3, 38 gsm to 200 gsm; copy or scan to a variety of output options

## XEROX EXTENSIBLE INTERFACE PLATFORM®

- EIP version 1.5 compatible

## VARIABLE DATA OPTIONS

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

## PERFORMANCE PACKAGE OPTION

- Up to 25% faster on 221-350 gsm
- Automated Colour Quality Suite with an inline spectrophotometer for pushbutton-simple automated colour management

## PRINT SERVER OPTIONS

- Xerox® EX 180 Print Server Powered by Fiery®
- Xerox® EX-i 180 Print Server Powered by Fiery
- Xerox® FreeFlow® Print Server

## 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 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: 1,212 mm
- Width: 760 mm
- Depth: 831 mm
- Weight: 295 kg

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

[www.xerox.com](http://www.xerox.com)