XEROX® VERSANT® 180 PRESSES

XEROX® VERSANT® 180 PRESS
XEROX® VERSANT® 180 PRESS WITH PERFORMANCE PACKAGE

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 AUTOMATION ADDS UP TO BETTER RESULTS.

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 maximize 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 maximize your job types with the ability to run envelopes, 26" (660 mm) banners, polyester/synthetic, textured, colored, custom media and mixed-stock printing.

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.

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 color calibration and in-machine processes that take the guesswork out of producing perfect output every time.
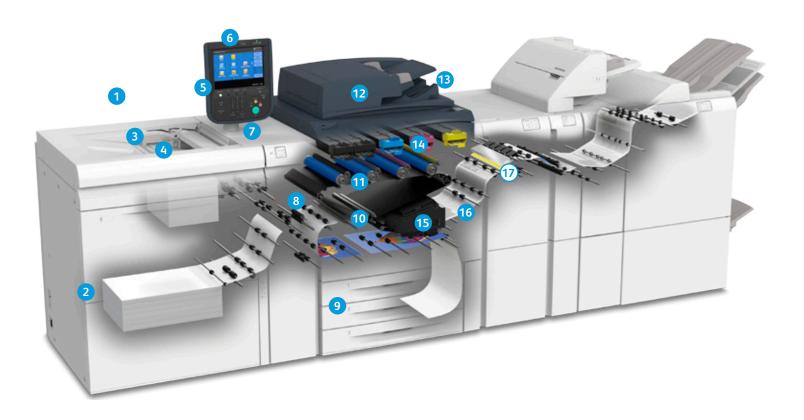
A powerful combination of process controls and our Automated Color Quality Suite (ACQS) with an X-Rite® Inline Spectrophotometer provides fully automated color management and the highest possible print quality. Complex, multi-step calibration operations are reduced to pushbutton simplicity.

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 26" (660 mm), you'll gain even more flexibility in terms of applications and production capabilities.

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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 (13 x 19.2"/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 4 x 6" (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 26" (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 Color Controls—An internal subsystem of closed-loop process controls works continuously during printing to automatically maintain color consistency and color-to-color 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 5.5 x 7.2" (140 x 182 mm) up to 13 x 19.2" (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 color 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 COLOR QUALITY SUITE (ACQS)

Xerox ACQS is a powerful combination of advanced color management software and integrated hardware that transfers complex decisions about color maintenance from the operator to an automated system, eliminating the time and error associated with manual color management. Once initiated by the operator, ACQS automates the printing and measurement of calibration charts, and calculates precise adjustments to color 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 color 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 color. 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 color 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 color, up to 600 dpi, with a 250-sheet (90 gsm) Duplex Automatic Feeder up to 11 x 17" (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 color 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.

XEROX® VERSANT® 180 PRESSES

PRODUCTIVITY/PRINT SPEED

- Average Monthly Print Volume: Up to 80,000
- Duty Cycle: 750,000
- 80 ppm (8.5 x 11"/A4), 52–350 gsm with Performance Package
- 80 ppm (8.5 x 11"/A4), 52–220 gsm
- 60 ppm (8.5 x 11"/A4), 221–350 gsm
- 44 ppm (11 x 17"/A3), 52–350 gsm with Performance Package
- 44 ppm (11 x 17"/A3), 52–220 gsm
- 32 ppm (11 x 17"/A3), 221–350 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

- 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 color 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: 13 x 26" (330 x 660 mm)
- Maximum standard sheet: 13 x 19.2" (330 x 488 mm)
- Minimum size: 3.9 x 5.7" (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
- 52–220 gsm from optional HCF
- 52–350 gsm from optional OHCF
- 52–350 gsm from optional Adv OHCF

Capacity/Handling

- 1,900 sheets standard (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 5.7" (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 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

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 Color Quality Suite with an inline spectrophotometer for pushbutton-simple automated color 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: 48" (1,212 mm)
- Width: 30" (760 mm)
- Depth: 33" (831 mm)
- Weight: 651 lb (295 kg)

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

For more information, go to **www.xerox.com/versant180.**

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