Specifications for the Xerox® Iridesse® Production Press

TECHNICAL OVERVIEW

IMAGE RESOLUTION

- Ultra HD Resolution (RIP 1200 x 1200 dpi x 10-bit, plus print 2400 x 2400 dpi x 1-bit)
- Halftone Screens:
  - 150, 175, 200, 300, and 600 Clustered Dot
  - 150, 200 Rotated Line Screen
  - Stochastic

TECHNOLOGY

- CMYK plus up to two Specialty Dry Inks in a single pass
- High Definition Emulsion Aggregate (HD EA) Toners and Dry Inks:
  - CMYK Toners plus Specialty Dry Inks: HD EA Gold, Silver, White, Clear, or Low Gloss Clear (rated speed)
  - Multi-Pass Specialty Dry Ink capability
- Imaging System with VCSEL Technology
- Extra Long Sheet (XLS) capability
- Automated Color Management: Full Width Array featuring the Automated Color Quality Suite (ACQS), Calibration and Profiling; within run color consistency using process controls
- Automated Image Quality Management using EZ Press Check: Full Width Array Image to Media Alignment, 2D Density Uniformity Adjustment (inboard/outboard and lead/trail edge), 2nd Bias Transfer Adjustment
- Auto Sheet Clearing
- Custom Paper Setup through Control Center
- Dual-wire corotrons with auto-cleaning technology
- Advanced Belt Fuser technology with fuser belt refresh
- Advanced inline cooling module
- Advanced Single Pass Decurler (belt and roll technology/optimal sheet flatness)
- Seamless IBT (Intermediate Belt Transfer) with retractable Bias Transfer Rollers
- Modular feeding and finishing
- Advanced center registration technology for tight front-to-back registration of +/- 0.5 mm

PRODUCTIVITY/PRINT SPEEDS

- 120 ppm (8.5 x 11"/A4 letter), all weights
- 7,200 A4 (letter) impressions per hour
- 60 ppm (11 x 17"/A3–12 x 18"/SRA3 tabloid), all weights
- 3,600 (11 x 17"/A3–12 x 18"/SRA3 tabloid) impressions per hour

PAPER FLEXIBILITY/WEIGHTS

- Coated, uncoated, textured and dark stocks, labels, business cards, window decals, durable/synthetic papers, greeting cards, tabs, embossed, polyesters, and custom solutions
- Mixed-stock jobs supported with Mixed Media Xceleration (MMX) capability for optimized productivity
- 52–400 gsm (35 lb Text to 145 lb Cover)

PAPER FORMATS/SIZES

- Maximum Sheet Size: 13 x 19.2" (330 x 488 mm)
- Minimum Sheet Size: 7.2 x 7.2" (182 x 182 mm), tray inserter kit supports for 4 x 6" (102 x 152 mm); see Optional High Capacity Feeder
- Maximum Print Area: 12.83 x 19.05" (326 x 484 mm)
- Extra Long Sheet (XLS):
  - Maximum Length (simplex): 47.2" (1.2 m)
  - Maximum Length (duplex): 28.7" (729 mm)
  - Minimum-Maximum Weight: 52-400 gsm

PAPER CAPACITY AND HANDLING

- Standard Paper Trays: Two at 2,000 sheets each
- 52–400 gsm (35 lb Text to 145 lb Cover) coated/uncoated
  Note: Tray capacity is based on 24 lb (90 gsm)
- Minimum Sheet Size: 7.2 x 7.2" (182 x 182 mm) to Maximum Sheet Size: 13 x 19.2" (330 x 488 mm)
- Auto-Tray Switching/Reload-While-Run Capability
- Auto-Perfecting (4/4 impressions) from internal trays up to 400 gsm at full rated speed

ELECTRICAL

- Printer Base Configuration: 200–240 VAC, 50/60 Hz, EMEA > 50A (sole use)/single phase/ Type IEC 60309
  NAO > 60A (sole use)/single phase/ Hubbell HBL360C6W
- 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)
  - 200–240 Volts, 10 Amp, 50 Hz (Europe)

SIZE

- Base Printing System (without RIP and/or feeding/finishing devices; W x D x H):
  - 118.5" x 43" x 74" (3,009 mm x 1,092 mm x 1,865 mm)
  - Weight: 3,027 lb (1,373 kg)

DUTY CYCLE AND AMIV

- Duty Cycle: 2.25 million impressions
- AMIV: 225,000–475,000 impressions

COLOR SERVER

- Xerox® EX-P 6 Print Server Powered by Fiery®

OPTIONS

Integrated IPDS Functionality

- Licensed software option on Xerox® EX-P 6 Print Server
- IS/3 Compliant for four color process printing

Extra Long Sheet Options

- Input:
  - Banner Feeder Extension Kit
  - MSI only (Advanced HCF required to print XLS)
  - Duplex up to 28.7" (729 mm)
- Output:
  - PR Finisher Banner Extension
  - PR Finisher top tray, HCS top tray, or OCT only

OPTIONS

Feeding

- Advanced High Capacity Feeder (with up to two stations for Dual Advanced High Capacity Feeders enabling up to 8 media pick points):
  - Two Paper Trays at 2,000 sheets each
    Note: Tray capacity is based on 24 lb (90 gsm) substrate
  - 52–400 gsm (35 lb Text to 145 lb Cover) coated/uncoated
  - Minimum Sheet Size: 7.2 x 7.2" (182 x 182 mm) to Maximum Sheet Size: 13 x 19.2" (330 x 488 mm); optional tray inserter kit supports 4 x 6" (102 x 152 mm) minimum sheet size
  - Automatic Tray Switching/Reload-While-Run Capability
  - Auto-Perfecting (4/4 impressions) from internal trays up to 400 gsm at full rated speed; external trays up to 360 gsm
- Multi-Sheet Inserter (MSI) Tray
  - One tray at 250 sheets

Stacking

- Offset Catch Tray with 500-sheet capacity
- High Capacity Stacker:
  - 500-sheet top tray up to 13 x 19.2" (330 x 488 mm)
  - 5,000-sheet offset stacking; 7.2 x 8.3" up to 13 x 19.2" (B5 LEF to SRA3)
  - 52–350 gsm (35 lb Text to 145 lb Cover) coated/uncoated
  - Available in Single or Dual combinations with unload-while-run capability
  - Includes one removable cart for offline finishing; additional carts available

Finishing

- **Xerox® Crease and Two-sided Trimmer:**
  - Provides full bleed trim when used with the Xerox® SquareFold® Trimmer Module
  - Standard and up to five programmable custom creases
- **Production Ready (PR) Booklet Maker Finisher:**
  - Provides stapled sets with a variable-length stapler
  - Handles booklets of up to 30 sheets
  - Punch and C/Z Fold options
- **Xerox® SquareFold® Trimmer Module:**
  - Square fold up to 25 sheets (100 pages)
  - Face trim between 2–20 mm
- **Plockmatic® Pro50/35 Booklet Maker:**
  - Folding capacity: 35 sheets of 80 gsm (Pro35); 1–50 sheets of 80 gsm (Pro50)
  - Stapling capacity: up to 35 sheets or 140 pages (Pro35); up to 50 sheets or 200 pages saddle-stitched stapling (Pro50)

See the Product Explorer Tool for additional Xerox and third party finishing solutions.

Learn more about brilliant new opportunities for print at **xerox.com**

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Xerox® Iridesse® Production Press

Combine stunning four-color process imagery with up to two Specialty Dry Inks in a single pass and unleash more results-driving "wow" per page.

ADVANCED AUTOMATION BRINGS QUALITY AND PRODUCTIVITY TOGETHER

The Xerox® Iridesse® Production Press takes digital print quality and productivity to a whole new level with advanced automation that delivers stunning results.

Simplify the work required to achieve consistent color with built-in features such as automated registration and EZ Press Check. No trial and error. No manual operator intervention. No wasted time.

Instead, you'll see extraordinary CMYK produced with less labor and waste—**so you can get paid more**.

ADD BRILLIANT VALUE BEYOND CMYK WITH IN-LINE SPECIALTY STATIONS

While its four-color quality is outstanding, it's only the beginning of what Iridesse® can do. The press can be equipped with up to two additional stations that apply Specialty Dry Inks under or over CMYK.

Iridesse® runs popular colors, including:

Gold and Silver metallics, which can be used on their own or layered with CMYK to deliver new, stunning iridescent palettes.

White, which creates eye-catching design embellishments, and

Clear, which can be used to highlight page content and create textural effects.

In addition, **Low Gloss Clear** can be used to expand the press's media range to include even more high-value textured and specialty colored media.

A CONFIGURABLE PLATFORM GIVES YOU THE ULTIMATE INVESTMENT PROTECTION

An innovative design consolidates industry-leading technologies into a single, ultimately configurable platform. Choose the media size and range, colors, feeding/finishing, and data streams you need to best drive your business.

Not only does our configurability strategy deliver the exact solution you need today, but it also ensures you continue to benefit from our ongoing innovations. Your investment in Iridesse Production Press technology stays protected, up-to-date, and **always ready to perform**.

Commodity-crushing technology that drives brilliant business results.

With robust production capabilities, Iridesse® lets you take on complex jobs, even when they have tight deadlines, non-traditional stock sizes, weights, and embellishments. Iridesse® expands your capabilities while simplifying production, making it an incredibly smart business decision.

DRIVE MORE PRESS PERFORMANCE

The Xerox® EX-P 6 Print Server Powered by Fiery® combines decades of print and color management expertise to streamline the management and submission of both PDF and IPDS jobs.

1 EXPAND YOUR MEDIA RANGE*

Multi-Sheet (MSI) Bypass Tray holds up to 250 sheets; ideal for feeding specialty, heavyweight, and Extra Long Sheets up to 13 x 47.2" (330 mm x 1.2 m).

Run more high-value textured and specialty stocks with transfer assist enabled by a HD EA Low Gloss Clear Dry Ink overlay.

2 DUAL ADVANCED HIGH CAPACITY FEEDERS*

Extends paper capacity up to 8,000 sheets with four additional trays in two feeder stations. When used with the Inserter option, this provides a total of 8 pick points and 12,500 sheets for printing at rated speed. Auto-Tray Switching and reload-while-run capabilities optimize production time.

3 STANDARD FEEDERS

Provide a total capacity of 4,000 sheets from two internal feeder trays that are integrated into the press's base design.

You can run lightweight and heavyweight stocks from 52–400 gsm (35 lb Text to 145 lb Cover) with sizes ranging from 7.2 x 7.2" (182 x 182 mm) up to 13 x 19.2" (330 x 488 mm), all from a small footprint.

4 CMYK TONER STATIONS

Allow for load-while-run capability. HD EA Toner produces high quality output using less toner and no fuser oil, delivering prints that can be written on or coated post printing.

5 6 SPECIALTY DRY INK STATIONS*

Put specialty effects at your fingertips, creating high impact prints at full-rated speed. Choose to add one or two stations and run HD EA Gold, Silver, or White underlays together with HD EA Gold, Silver, White, Clear, or Low Gloss Clear** overlays in a single, precise pass.

EZ SWAP

Enable fast, efficient Specialty HD EA Dry Ink changeovers so you can vary and execute more high-value print embellishments more easily – with no maintenance or cleanup.

7 LONG LIFE PHOTO RECEPTORS/ AUTO CLEANING COROTRONS

Provide more uniform charge to the photo receptor via a dual-wire/dual-grid design that delivers more stable print quality within a page and from page to page. Self-cleaning technology optimizes press availability while maintaining high print quality standards.

8 CLOSED LOOP PROCESS CONTROLS

Enable continuous closed-loop monitoring of color patches and registration targets on the Intermediate Transfer Belt. Any needed quality adjustments are made immediately and automatically.

9 PAPER ALIGNMENT

Ensures precise +/-0.5 mm front-to-back registration at rated speed with advanced center registration technology that automatically adjusts for paper size and weight.

10 INTERMEDIATE BELT TRANSFER

Supports even greater speed and reliability across a wide range of media and applications.

11 BELT ROLL FUSER

Rapidly transfers energy more efficiently using a silicon-coated Teflon belt that fuses a wide range of stocks up to 400 gsm at rated speed.

12 COOLING MODULE

Cools prints for optimum finishing and stacking.

13 AUTO SHEET CLEARING

Provides simple, efficient, and virtually hands-free jam recovery.

14 FULL WIDTH ARRAY WITH ACQS

Ensures quick, accurate color reproduction and boosts your productivity by automating key calibration, profiling, and alignment tasks using an inline scanner with RGB sensors.

Some of these automatic adjustments can be batched together and scheduled at the start of a shift or before essential jobs using the EZ Press Check function.

15 DECURLING UNIT

Delivers flat sheets optimized by media type using belt and roller technology for productive inline and offline finishing.

16 CONTROL CENTER/ STOCK MANAGEMENT

Enables simple media setup, stock management, and press operations. Operators have quick and easy access to automation features that keep the press running optimally.

17 INTERFACE DECURLER MODULE*

Provides a gateway to a wide variety of finishing alternatives.

18 XEROX® INSERTER*

Further extends pick point options with an additional tray, maximizing flexibility for complex jobs using specialty or pre-printed media.

19 XEROX® DUAL HIGH CAPACITY STACKERS*

Provide production stacking capabilities (available in single and dual combinations) for standard sheet sizes. Extra Long Sheets may be output to the top tray. Up to two removable carts add unload-while-run capability.

20 XEROX® CREASE AND TWO-SIDED TRIMMER*

Creates a professional high-quality look and feel with added durability for documents that get repeated use. Programmable for up to five customized creases.
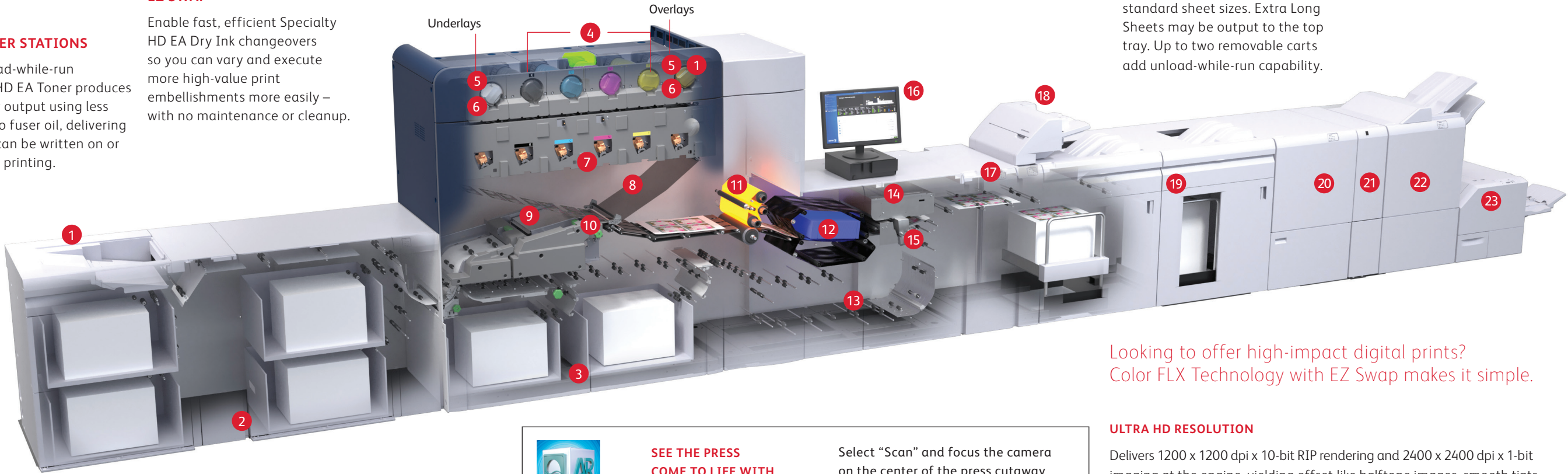
21 C/Z FOLDER*

Produces professionally folded pages for flexibility in finished output.

22 PRODUCTION READY (PR) BOOKLET MAKER FINISHER*

Produces stapled sets of up to 30 sheets with one or two staples at variable positions.

23 XEROX® SQUAREFOLD® TRIMMER MODULE*

Provides higher-value finished documents with full-bleed trim and square fold spines.

Underlays

Overlays

Looking to offer high-impact digital prints? Color FLX Technology with EZ Swap makes it simple.

ULTRA HD RESOLUTION

Delivers 1200 x 1200 dpi x 10-bit RIP rendering and 2400 x 2400 dpi x 1-bit imaging at the engine, yielding offset-like halftone images, smooth tints, and gradients, as well as fine text and line detail.

SEE THE PRESS COME TO LIFE WITH AUGMENTED REALITY! Select "Scan" and focus the camera on the center of the press cutaway illustration above.

*Optional components
**Clear and Low Gloss Clear can not be run in the same job in a single pass