Specifications for the Xerox® Iridesse® Production Press

**IMAGE RESOLUTION**
- Ultra HD Resolution (RIP: 1200 x 1200 dpi at 10-bit, plus print 2400 x 2400 dpi at 1-bit)
- Half-tone Screens:
  - 150, 200, 300, 400, and 600 Clustered Dots
- Optimized Halftone Screen
- Steadoptic

**TECHNOLOGY**
- CMYK plus up to two Specialty Dry Inks in a single pass
- High Definition Emulsion Aggregate (HD EA) Toner and Dry Inks
- CMYK Toner 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 VCSCTL technology
- Extra Long Sheet (OLS) capability
- Advanced 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 (endboard/lidset and beat frequency edge), 2nd Bias Transfer Adjustment
- Auto Sheet Cleaning
- Custom Paper Setup through Control Center
- Advanced Belt Fusion technology with fusion belt refresh
- Advanced inline cooking module
- Advanced Single Pass Decalor (belt and roll technology/optimal sheet flatness)
- Seamless BEL (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) single pass
- 720 A4 (Letter) impressions per hour
- 60 ppm (11 x 17” A3/A4) single pass
- 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, drum/dryer paper, greetings cards, tubes, embossed, polyesters, and custom solutions
- Mixed stock job support
- Mixed Media Xerolink (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)
- **Minimum Sheet Area:** 12.83 x 19.02” (326 x 484 mm)
- **Extra Long Sheet (OLS):**
  - **Maximum Length:** (singlepass): 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
- **52–60 gsm (35 lb Text to 145 lb Cover) coated/uncoated:** Tray capacity is based on 24 lb (90 gsm)
- **Minimum Sheet Size:** 7.2 x 7.2” (182 x 182 mm)
- **Maximum Sheet Size:** 13 x 19.2” (330 x 488 mm)
- **Auto-Try Switching/Reload While-Run Capability:**
- **Auto-Perfecting (4/4 impressions) from external trays up to 400 gsm at full rated speed**

**ELECTRICAL**
- **Printer Configuration:** Base printing system
- **Printer Base Configuration:**
  - **Type IEC 60309**
  - **NAD + 60A (sole use/single phase)** Hubbell HBL360C
  - **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 V, 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 1,879 mm)
  - **Weight:** 3,027 lb (1,373 kg)

**DUTY CYCLE AND AMIV**
- **Duty Cycle:** 2.25 million impressions
- **AMIV:** 235,000–475,000 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
- ISoC Compliant for four color process printing

**ADVANCED AUTOMATION BRINGS QUALITY AND PRODUCTIVITY TOGETHER**

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.

**ADD BRILLIANT VALUE BEYOND CMYK WITH IN-LINE SPECIALTY STATIONS**

**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.

**XEROX® IRIDESSE® PRODUCTION PRESS**

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.

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

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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 embelishments. 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.

**EXPAND YOUR MEDIA RANGE**

Multi-Sheet (MS1) Bypass

Standard Feeder: Tray holds up to 250 sheets, ideal for feeding specialty, heavyweight, and Extra Long Sheets up to 13 x 42.2" (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.

**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.

**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.

**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.

**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.

**EZ SWAP**

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

**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.

**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.

**COOLING MODULE**

Cools prints for optimum finishing and stacking.

**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.

**INTERMEDIATE BELT TRANSFER**

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

**DECURLING UNIT**

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

**BELT TRANSFER**

Cools prints for optimum finishing and stacking.

**CONTROL CENTER/ STOCK MANAGEMENT**

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

**FULL WIDTH ARRAY WITH ACES**

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 as before essential jobs using the EZ Press Check function.

**INTERFACE DECURLER MODULE**

Provides a gateway to a wide variety of finishing alternatives.

**BOOKLET MAKER FINISHER**

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

**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.

**XEROX® SQUAREFOLD® TRIMMER MODULE**

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

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.

**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.

**PRODUCTION READY (PR) BOOKLET MAKER FINISHER**

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

**XEROX® INSERTER**

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

**STOCK MANAGEMENT**

Ensure 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 as before essential jobs using the EZ Press Check function.

**INTERFACE DECURLER MODULE**

Provides a gateway to a wide variety of finishing alternatives.