XEROX ®

IDEAlliance ® Digital Press Certification Application Data Sheet

Xerox iGen150 (Matte Dry Ink) -
FreeFlow Print Server

Note: Certification is in accordance with IDEAlliance Digital Press Certification Program v2.2

The IDEAlliance Print Properties Digital Print Working Group has established a certification process for digital production presses (xerographic/inkjet). The following information is intended to assist printers and customers in understanding the printing conditions and how they were achieved and/or to replicate these results on a similar system.

I. Manufacturer

Xerox Corporation

II. Product Name

Press: Xerox iGen150 (Matte Dry Ink)

Digital Front End: FreeFlow Print Server (FFPS) Version 9.0 SP-3 (Color Version 5.0.7)

Substrate: Xerox Digital Color Elite Silk 100T (140gsm)

Reference Condition: GRACoL Coated 2006

CERTIFIED TO GRACoL® SPECIFICATIONS

Digital Press SYSTEM

IDEALLIANCE

Certified September 4, 2013

III. Overview

The Xerox iGen150 Press is a digital production press printing at up to 150 impressions per minute, with an image path resolution of 2400x2400 dpi. The inline spectrophotometer automates color adjustments and calibrations to deliver image quality and spot color accuracy. Delivers a wide array of paper stocks; cut-sheet size up to 14.33" x 26", and media weight range from 16 lb Text to 130 lb Cover. The press can be ordered in a choice of two dry inks: Standard Gloss Dry Ink and Matte Dry Ink. Matte Dry Ink offers a lower gloss, matte finish when compared to Standard Gloss Dry Ink.

The Xerox FreeFlow Print Server with ConfidentColor Technology provides enhanced color management and on-demand digital production capabilities. Built-in features such as Page Parallel RIP (for optimized processing of variable information), page-exception programming, job forwarding and customizable print queues make job management easier.

IV. System Components and Printing Procedure

Press Configuration: No additional system components were required beyond a nominal iGen150 Press (Matte Dry Ink and a FFPS v9.0 SP-3 Digital Front End

Engine Service: Prior to testing, normal service was performed on the iGen150 in accordance with the iGen150 Operators Guide and Customer Service Manual. The High Frequency Service Items (HFSI) UI was checked to ensure no items were due to be serviced. Printing took place within the environmental conditions specified in the Operators Guide.

Press Calibration: The press was calibrated using the TRC Linearization routine within the Color Maintenance Tool (CMT). After TRC Linearization, the Engine Check routine was performed to ensure the linearization was successful. The substrate used to perform TRC Linearization and Engine Check was Digital Color Elite Gloss 120gsm (80lb Text).

FFPS Setup Procedure:

1. Created an Inline Spectrophotometer (ILS) Destination Profile on Digital Color Elite Silk 140gsm (100lb Text) using the 180 halftone screen.

2. All Press Forms, except Press Form 6, were printed with the following Queue settings:

   - Substrate: *12x18 Digital Color Elite Silk 140gsm (100lb Text)*

   - Destination Profile: *selected the ILS profile created in Step 1*

   - CMYK Color Space (Images, Text/Graphics): *GRACoL 2006 Coated1v2 (default)*

   - Rendering Intents:

        Images – *Absolute Colorimetric*

        Text - *Absolute Colorimetric*

        Graphics - *Absolute Colorimetric*

   - Halftone: *System Specified (default)*

   - Edge Enhancement: *Enabled (default)*

   - Anti-Aliasing: *100% K High Resolution*

   - All other Queue settings left at default

3. Press Form 6 was run with the following change made to the above Queue settings:

   - CMYK Color Space (Images, Text/Graphics): Direct CMYK

V. Finishing Procedures (Optional)

No finishing procedures applied

VI. Additional Data (Optional)

No additional data required