



IDEAlliance® Digital Press Certification Application Data Sheet

Xerox Color 800/1000 Press with 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 Color 800/1000 Press
Digital Front End: FreeFlow Print Server (FFPS) v.8
Substrate: Xerox Digital Color Elite Gloss 120GSM



III. Overview

The Xerox Color 800/1000 Press is a digital production printing press available in two print speeds: 80 ppm and 100 ppm. It utilizes Xerox low melt Emulsion Aggregation (EA) Dry Ink and new fusing technology, delivering vibrant image quality and excellent sharpness. The Xerox Color 800/1000 Press delivers a wide range of media handling, from 55 gsm to 250 gsm. The Xerox FreeFlow color server 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

Engine Service: Normal print engine routine maintenance was performed as specified in customer and service documentation. Printing took place within the specified environmental operating conditions.

Press Calibration: The Color 800/1000 press was calibrated using the Automated Color Quality Suite, Full Width Array, Automatic TRC (Tone Reproduction Curve) Adjustment set to High Accuracy TRC target value for coated paper (Xerox Digital Color Elite Gloss 120GSM).

FreeFlow Print Server Setup Procedure:

1. A calibration for FFPS was created for the Xerox Digital Color Elite Gloss paper using XRite i1 spectrophotometer
2. A destination profile for the Xerox Digital Color Elite Gloss 120GSM paper was created using Xerox MatchAssure color management solution, along with FFPS and the XRite iSis spectrophotometer
3. For printing of all press forms except the Rub Resistance/Gloss target, a queue was created with the following specific properties:
 - Destination profile from step1 assigned.
 - Source profile for CMYK input set to GRACoL.
 - Rendering Intent for Images & Graphics set to Absolute Colorimetric
 - Rendering Intent for Text set to Saturation
 - Set halftone selection to 200 dot (primary)
 - Queue was set up for Page Parallel Rip (PPR)
4. For the printing of the Rub Resistance/Gloss target, a queue was created with the following specific properties:
 - Source profile for CMYK input was set to Direct CMYK
5. Send the jobs to the appropriate queue, and run the press forms.

V. Finishing Procedures (Optional)

There was no finishing applied to the prints.

VI. Additional Data (Optional)

No other additional data.