Fiery SC12C/SC11 for FUJIFILM Revoria Press SC180/SC170

Note: Certification is in accordance with Idealliance Digital Press Certification Program v2.3 (Increment version number as necessary)

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

FUJIFILM Business Innovation Corp.

II. Product Name

Print Engine: Revoria Press SC180/SC170

DFE: Fiery SC12C/SC11

Substrate: Blazer Digital 100 Gloss Text(148gsm)

Reference Condition: GRACoL2013_CRPC6

III. Overview

The Revoria Press SC180 and Revoria Press SC170 achieve a high productivity of 80ppm and 70ppm respectively, and outstanding image quality with a resolution of 2400x2400 dpi.
Also,the presses are equipped with copy and scan functions for office.

-The Print servers, Fiery SC11/SC12C performs RIP processing at 1,200 dpi and 10-bit colour, generating high-quality image data.

Fiery SC11 is an external digital front end (DFE) and is targeted for higher volume customer.   Fiery SC12C is an embedded DFE targeted for lower volume customer.   Both DFEs offer features to boost colour and image quality, increase productivity, and optimize production.

IV. System Components and Printing Procedure

System Components

Printer: No additional system components were required beyond a nominal Revoria Press SC180/SC170.

DFE: Fiery SC12C/SC11

Paper: *Blazer Digital 100 Gloss Text(148gsm)*

Software: Fiery Command Workstation

Measurement: Fiery ES-3000, X Rite Eye-one iSis2 XL/M1

 Printing Procedure

1)   Create Calibration Target

(1) Select [Calibration]

(2) Select [Create Calibration]

(3) Press [Next]

(4) Input file name and press [Next]

> Patch Layout
>
>   Instrument ：Fiery ES-3000
>
>   Patch set ：51 random
>
>   Chart size ：12x18inch
>
>   Tray ：Tray to use
>
> Setting
>
>   Measurement mode ：M2-UV cut
>
> Color
>
>   CMYK source ：Color Wise OFF

(5) Press [Next] and measure the print sample.

(6) Press [OK]

2) Create Source Profile

(1) Run Color Profiler Suite and select [Printer], [Print Patches].

(2) Input the file name and select [Select Fiery Server] and press [Next].

(3) Select [Use existing calibration setting] made at calibration target file.

(4) Select CYMK source profile and press [Next].

> Source profile ：GRACoL2013_CRPC6

3) Calibration

(1) Select Patch Layout and Setting.

> Patch Layout
>
>   Instrument ：Fiery ES-3000
>
>   Patch set ：51 random
>
> Setting
>
>   Measurement mode ：M2-UV cut

(2) Select [Print].

> Output profile ：Select calibration target file.
>
> CMYK source ：Color Wise OFF

(3) Press [OK]

(4) Measure print sample then press [Next].

4) Profile

(1) Connect Fiery ES-3000 and X-Rite i1iSis2.

(2) Select Patch Layout.

> Patch Layout
>
>   Instrument ： X-Rite i1iSis XL/Fiery ES-3000(USB)
>
>   Patch set ； 1617(CGATS IT8.7/5)
>
>   Chart size ： 12x18 inch
>
> Settings
>
>   Measurement mode ： M1

(1) Press [Print]

(2) Measure print sample and Press [Next].

(3) Apply settings and save profile.

> Profile preset ： select applicable file.
>
> Select [install on Fiery Server].

5) Create Device Link Profile

(1) Run [Color Profiler Suite] and select [Optimize].

(2) Select [Create a custom device link].

(3) Settings below and press [Next].

> Select source profile ： GRACoL2013_CRPC6
>
> Select destination profile ： made output profile file

(4) Settings below and press [Next]

> Rendering Intent ： Relative Colorimetric
>
> Black point compensation ： OFF
>
> Preserve gray ： OFF
>
> Preserve clean CMY primaries ： OFF

(5) Select [Install on Fiery Server] and press [Next]

(6) Press [Exit]

6) Preparing Control Bar

(1) Open [Device Center] from [Server].

(2) Select [Control Bar]

(3) Select [Create New]

(4) Create Control Bar files that include the information requested by Idealliance.

7) Print Test form

(1) Import Test form

> JOB INFO
>
>   Note1/Note2/Instructions ： Described as needed
>
> MEDIA

Select Paper Catalog or select Paper source, Media type, Paper size and Media weight.

COLOR

Output profile : made profile file

CMYK source : GRACoL2013_CRPC6

Color settings

Black overprint(for pure black) : OFF

Black text and graphics : Normal

V. Finishing Procedures (Optional)

None

VI. Additional Data (Optional)

None