FUJIFILM Revoria Flow PC31 for Revoria Press PC2120

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 PC2120*

DFE：*Revoria Flow PC31*

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

Reference Condition: GRACoL2013_CRPC6

III. Overview

The Revoria Press PC2120 is designed to achieve advanced automation using AI, maximized color reproduction, and superb productivity and print quality.

As a part of the automation process, the Substrate Profiler automatically adjusts the media settings for a wide range of media types, thereby increasing efficiency and minimizing the intervention required from the operator.

To maximize color reproduction, the press can simultaneously equip two additional specialty colors from a lineup that includes Gold, Silver, Clear, White, Pink, Textured Paper toners, as well as a new Green toner.

Green and Pink toners combined significantly expand the color gamut achieving a reproduction close to sRGB and considerably improved Pantone color coverage.

Moreover, the system delivers high productivity with a speed of 120 ppm, coupled with outstanding image quality at a resolution of 2400 x 2400 dpi.

IV. System Components and Printing Procedure

System Components

Printer: No additional system components were required beyond a nominal Revoria Press PC2120.

DFE: Revoria Flow PC31

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

Software: Print Station

Measurement: X-Rite i1Pro2/i1Pro3, Eye-one iSis2 XL   /M1

 Printing Procedure

1) Create the Calibration Target

   (1)   Select [Calibration] > [Target]

   (2)   Select +Create (CMYK)

   (3)   Set the setting below and press [Next]

> Scanner：i1Pro3(M1)/i1Pro2(M1)
>
> Calibration Method： Advanced
>
> Halftone： 200dot
>
> Tray： Tray to use

   (4)   Setting below and press [Print]. After the printing out, click the [Next]

> Output Quantity(Sheets)： 7

   (5)   Measure the chart with i1Pro2/i1Pro3.Select [User Colorimetry Application] and press [Start]

   (6)   Color Measurement Utility starts. Measure the chart according to the instruction.

   (7)   Press [save] the Calibration Target.

2) Calibration

   (1)   Select [Calibration] > [Calibration].

   (2)   Select +Create.

   (3)   Select Spectrophotometer Type "Spectrophoto…".

   (4)   At "Create Calibration" panel, set the settings below and [Next].

> Calibration Method： Advanced
>
> Calibration target： select the file created at 1-8)
>
> Halftone： 200dot
>
> Tray： Applied tray

   (5)   Select "Create Calibration" panel, and press [print].

   (6)   Select[Use Colorimetry Application] and press [Start].

   (7)   Measure the last chart according to the instruction.

   (8)   After papers out, press [Verify] so that check the result of the Calibration.

   (9)   Check the status on [View Result- Status After Calibrating 1 Times].

   (10) Press [save] to assign calibration file to paper stock or tray.

3) Create Destination Profiles

   (1)   Select [Color]>[CMS]

   (2)   Press [Destinaiton Profile] and +(create)

   (3)   Press [Start (1)] to print "Output Chart" at Step1.

   (4)   Set the setting below and press [Print].

> Chart Type： CPMP_Full_iSisXL
>
> Tray： Tray to use

Halftone ： 200dot

Calibration ： Select a Calibration file

Copies ： 7

(5) Measure the color patches and save it.

(6) Come back to Destination Profile/Spot Color Profile dialogue.

Select [Start(3)] on Step3 to Create Profile.

(7) Set the settings below and press [OK].

Printer Characteristics Settings ： Select the measured file.

Specify Pattern Data: Pattern Date ： CPMP_Full_1584.ptn

4) Creating Device Link Profile

(1) Select [Color]>[CMS]

(2) Press [Device Link Profile] and +(create)

(3) Create a new Device Link Profile with these settings below.

[Profile]

Print Target Characteriation Data ： GRACoL2013 CRPC6

Print Characterization Data ： Select the file created at 3-7)

[Setting1]

Paper White Adjustment Method ： Relative Basis/Moderate-High Density Absolute

K Plate Reproduction ： For Proofing(Color Reproduction Priority)

Target K100% Reproduction Guarantee ： Disable

Other Settings ： as default

[Setting2]

Pure Color Reproduction ：

C ： Disable   M ： Disable   Y ： Disable

Other settings ： as default

[Toner/Ink Settings] ： as default

[Target Adjustment] ： as default

[Paper White Settings] ： as default

(4) Click [Start] to create a new Device Link Profile.

5) Print Testform

(1) Click [Import Jobs] and select Testform.

(2) Double click imported jobs to open job properties.

(3) Change [Paper] > [Tray/Media]

(4) Change [Paper] >[Print Position] to Align to Center

(5) Change [Color] > [CMYK] >[CMYK Simulation] > [Device Link Profile] to created device link profile.

(6)	Change [Image Quality] >[Additional Settings]>[Calibration]>[Specify a File] to created Calibration file.

(7)	Click [Print].

V. Finishing Procedures (Optional)

None

VI. Additional Data (Optional)

None