

FUJIFILM Graphic Systems Inc. JPress 720S / Jet Press 720S Digital Sheetfed Printing Solution

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

JPress 720S / Jet Press 720S Digital Sheetfed Press, XMF Workflow and ColorPath Sync Color Management Solution:
Fujifilm North America Corporation, Graphic Systems Division
850 Central Avenue Hanover Park Illinois 60143
USA

II. Product Name

Fujifilm JPress 720S / Jet Press 720S Digital inkjet high speed production sheetfed press / Fujifilm XMF Workflow Version 6.1.2.8 / Fujifilm ColorPath Sync Cloud based Color Management / Sappi Flo Gloss Cover, 80#, 7PT, 216 GSM

III. Overview

Fujifilm JPress 720S / Jet Press 720S, the “**Second Generation**” of the fastest, highest quality sheet-fed inkjet press. The JPress family of digital inkjet presses from Fujifilm provide commercial and folding carton printers increased flexibility that can bring new efficiencies to the growing demand for short-run and customized, variable-data printing work. New breakthroughs in inkjet technology from Fujifilm have enabled printers to deliver the quality of offset print to help win more branding business from customers demanding quicker turnaround and better pricing. Fujifilm has developed the sheet-fed digital inkjet press, designed to compliment existing pressroom configurations and processes of today’s commercial printer. The half-sized B2 sheet-fed inkjet J Press 720S fits in alongside traditional analog presses and runs the same coated and uncoated offset stocks. The J Press 720S does not require any specially treated stocks for production, paper handling and finishing.

Fujifilm’s XMF workflow system drives the front end of all JPress inkjet presses, allowing full PDF compliant, full variable data printing and access to XMF ColorPath Sync, a cloud-based Color Management system that can help you achieve consistent color across a wide range of printing technologies. ColorPath Sync allows for high precision device link profile technology to hit standards as well as custom standards. Utilizing destination profiles into XMF, helps the ability to utilize the larger press gamut color space to achieve even more spot colors than just using a standard color space. All these technologies combined make up the entire JPress 720S / Jet Press 720S solutions offering.

IV. System Components and Printing Procedure

XMF (Setup)

- The Fujifilm JPress 720S / Jet Press 720S digital press is calibrated, using Fujifilm recommended procedures, on the printing substrate that the user is intending to utilize.
- For this certification the following configuration was used:
 - Workflow: Fujifilm XMF Workflow Version 6.1.2.8
 - Color Management: ColorPath Sync Cloud based Color Management
 - Media: Sappi Flo Gloss Cover, 80#, 7PT, 216 GSM
 - Ink: Fujifilm Vividia Aqueous Ink P22

- XMF workflow is the DFE driving all job data to the press user interface and is tightly integrated with our ColorPath Sync cloud based color management solution. Color management begins by delivering a job consisting of the IT8 target plus grays (Fuji TC 1650) unmanaged to the press where "1 sheet" is run at full gamut establishing the device color space for the given substrate. Next we create a Device Link Profile using ColorPath Sync DLP. You have the ability to choose color settings allowing you to either color manage black or not depending on your use and customer expectations. Once the DLP is created it is applied to each job in XMF using presets or job templates.

ColorPath Sync DLP

- Utilized to profile the press condition required. (See Fujifilm XMF and ColorPath Sync DLP User Guide).

V. Finishing Procedures (Optional)

The Fujifilm JPress 720S / Jet Press 720S utilizes Fujifilm "validated" coatings and lamination solutions. The durability of the J Press 720S / Jet Press 720S sheet can be treated like any offset sheet, dropping into existing finishing equipment with many special finishes possible using Fujifilm validated coatings and laminates.

VI. Additional Data (Optional)

The JPress 720S / Jet Press 720S is the only production inkjet press that features Fujifilm Dimatix Samba print head technology working in conjunction with XMF and ColorPath SYNC to deliver consistent quality from sheet to sheet and from run to run. Every sheet is pre-coated with Fujifilm Rapid Coagulation Primer (RCP) to allow the aqueous pigment ink to adhere and cure on most production coated and uncoated stocks. The RCP acts as an ink receptor to keep the ink droplets in place instead of spreading when jetted onto the media. The RCP has no odor and is 100% colorless.