Choosing the product that best fulfils your needs

Fuji Xerox Color C60/C70 Printer

with Integrated Fiery Ex-i and Fiery EX Print Server

FUJI XEROX

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Contents

What Does This Document Mean to Me?

The purpose of this document is to ensure that you understand the product capabilities, with regards to performance, and to explain the recommended operating guidelines. With this information, you will be able to ensure the Fuji Xerox Color C60/C70 Printer is the right product for your business. In this document you may see the product referred to as Fuji Xerox Color C60/C70 or PCC60/C70. If you have any further questions, please contact your sales representative and they will be happy to help.

This document is based on knowledge available at the time of publication and is for you to keep for future reference. It is an "evergreen" document. It will be updated as the program proceeds. Review of this material is mandatory prior to signing an order.

Product Overview

The basic launch configuration of Fuji Xerox Color C60/C70 Printer will consist of a print engine that provides full 4-colour/mono printing at up to 75 A4 pages per minute, a choice of feeding and finishing options and choice of Digital Front End's.

There will be no copier-only offering of this product.

As part of the Fuji Xerox Color C60/C70 Printer development program, there is a choice of Print Servers depending on Customer requirements:

- Integrated Fiery Colour Server Ex-i (subject of this document)
- EX Print Server, Powered by Fiery (subject of this document)
- Integrated FreeFlow Print Server

Note: Only one Print server can be attached concurrently

Monthly Print Volume Range

This product is designed for operation based on the following recommended monthly print volumes:

	Fuji Xerox Color C60/C70	
Minimum AMPV	10,000	
Maximum AMPV	70,000	
Duty Cycle	350,000	
Machine Life	4,500,000	
Rated Print Speed (A4 LEF)	Color C60	Color C70
	60 ipm colour	70 ipm colour
	65 ipm B/W	75 ipm B/W

Monthly Print Volume Range numbers quoted are A4 equivalent impressions - an A3/SRA3 sheet equals 2 x A4 equivalent impressions.

AMPV (Average Monthly Print Volume) Range- AMPV assumes 70% colour / 30% mono per month.
Working outside this range may affect machine performance. If the device consistently operates at a higher AMPV than the maximum stated, the customer should consider the purchase of multiple devices or a device with a higher average monthly print volume.

Duty Cycle- If the device is occasionally used outside of the AMPV range, printing should not exceed the duty cycle limit. Duty cycle represents the rated print volume capacity of the device for a given month (printed on recommended stock and assuming 8hrs per day, 20 days per month usage).

Machine Life- The manufacturer's Print Volume limit for reliable performance of the device for the machine's life.

Rated Print Speed- Pages printed per minute on A4 Long Edge Feed stock, 90gsm.
 All references to print volumes are based on using centerline paper.

Product Configuration

	Item	Standard (✓) or Option (O)	Comments
Print Server	Digital Front End (DFE), RIP	O	There is a choice of Colour Print Server available for the Color C60/C70 Printer and includes Integrated Fiery Colour Server Ex-i, EX Print Server and Integrated FreeFlow Print Server. The Color C60 / C70 is not sold as a Copier only model
Feeding Options	Bypass Tray	✓	If an OHCF is purchased, the Bypass tray is relocated to its new position on these units.
	A4 High Capacity Feeder (A4 HCF)	O	Cannot work in tandem with another HCF or OHCF
	A4 High Capacity Feeder (A3 OHCF) single tray	O	Cannot work in tandem with another HCF or OHCF
	Oversized High Capacity Feeder (A3 OHCF) 2 tray	O	Cannot work in tandem with another HCF or OHCF
Engine (IOT)	Color C60 / C70	✓	Image Output Terminal (IOT) / Print Engine
Finisher Options	Interface Module (IFM)	O	Only required with a Finisher D4
	Offset Catch Tray (OCT)	O	Cannot work in tandem with another Finisher Option
	Standard Catch Tray	O	Cannot work in tandem with another Finisher Option
	Finisher C3	O	Cannot work in tandem with another Finisher Option
	Finisher C3 with Booklet Maker	O	Cannot work in tandem with another Finisher Option
	Finisher C3 folder unit	O	Option for Finisher C3 only
	Finisher D4 w/without booklet maker	O	Cannot work in tandem with another Finisher Option and requires an IFM
	C/Z Folding unit (D4 Folder Unit)	O	Option for Finisher D4 only
	2/3/4 Hole Punch unit for Finisher C3	O	Options for Finisher C3 only
	3 Hole Punch for Finisher D4	O	Option for Finisher D4 only
	Square fold Trimmer	O	Option for Finisher D4 with Booklet Maker only
	GBC AdvancedPunch	O	Requires an IFM and either HCS or Finisher D4

Space Requirements (Minimum Service Clearance)

These specifications are based on Occupational Health and Safety (OH&S) standards and allow for the safe and effective operation and servicing of the device, including space for:

- Moveable components, such as draws and doors
- A technician to safely access the device

These space requirements (site width & site depth) are the minimum requirement and compliance with these standards is mandatory for the safety of staff members. Site width and site depth changes with each configuration. Refer to the tables below for actual site requirements for each configuration.

Site Diagram
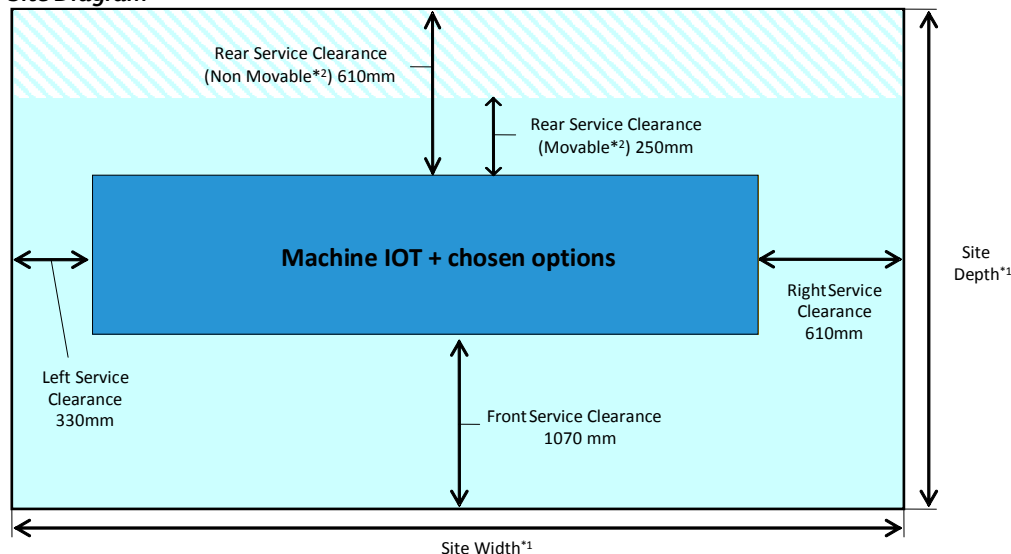
*1 Refer to the tables below for actual site space requirements for each available configuration
*2 Rear service clearance is measured from the wall to the back of the IOT (not the Integrated Fiery Server if fitted).

. Installation of an Oversize High Capacity Feeder; Finisher D3 w/booklet & folder or Finisher D4 results in a Non-Moveable installation.

Minimum overhead clearance for all installations (Measured from floor to ceiling) = 2,000 mm (H). Actual machine height is 1,423mm.

NOTE: If an External Print Server is connected, an additional 91.5cm x 91.5cm square site area is required outside of the machine space requirements

TIP: when using the below table refer to the configuration of your device, working from left (feeder) to right (finisher)

IOT without HCF

Configuration	Min. Site Space (mm)		Comment (refer to site diagram for dimensions required)
	Site Width	Depth (with Integrated Fiery)	
IOT + Catch Tray	2372	2123	Movable Installation
IOT + C3 Finisher	2802	2123	Movable Installation
IOT + C3 Finisher (with Booklet Maker)	2861	2123	Movable Installation
IOT + C3 Finisher (with Booklet Maker & folder)	3332	2483	Non-Movable Installation
IOT + IFM + D4 Finisher (+ Booklet Maker)	3357	2483	Non-Movable Installation
IOT + IFM + D4 Finisher (+ Booklet Maker) + Square Fold Trimmer	4139	2483	Non-Movable Installation
IOT + IFM + D4 Finisher (+ Booklet Maker) + GBC AdvancedPunch	3662	2483	Non-Movable Installation
IOT + IFM + D4 Finisher (+ Booklet Maker) + GBC AdvancedPunch + Square Fold Trimmer	4444	2483	Non-Movable Installation
IOT + IFM + D4 Finisher (with Booklet Maker & Folder Unit)	3557	2483	Non-Movable Installation
IOT + IFM + D4 Finisher (with Booklet Maker & Folder Unit) + Square Fold Trimmer	4339	2483	Non-Movable Installation
IOT + IFM + D4 Finisher (with Booklet Maker & Folder Unit) + GBC AdvancedPunch	3862	2483	Non-Movable Installation
IOT + IFM + D4 Finisher (with Booklet Maker & Folder Unit) + GBC AdvancedPunch + Square Fold Trimmer	4644	2483	Non-Movable Installation

IOT with A4 HCF

Configuration	Min. Site Space (mm)		Comment
	Site Width	Depth (with Integrated Fiery)	
IOT + A4 High Capacity Feeder (HCF) + Catch Tray	2452	2123	Movable Installation
IOT + A4 High Capacity Feeder (HCF) + C3 Finisher	2882	2483	Non-Movable Installation
IOT + A4 High Capacity Feeder (HCF) + C3 Finisher (with Booklet Maker)	2941	2483	Non-Movable Installation
IOT + A4 High Capacity Feeder (HCF) + C3 Finisher (with Booklet Maker & folder)	3412	2483	Non-Movable Installation
IOT + A4 High Capacity Feeder (HCF) + IFM + D4 Finisher (+ Booklet Maker)	3437	2483	Non-Movable Installation
IOT + A4 High Capacity Feeder (HCF) + IFM + D4 Finisher (+ Booklet Maker) + Square Fold Trimmer	4219	2483	Non-Movable Installation
IOT + A4 High Capacity Feeder (HCF) + IFM + D4 Finisher (+ Booklet Maker) + GBC AdvancedPunch	3742	2483	Non-Movable Installation
IOT + A4 High Capacity Feeder (HCF) + IFM + D4 Finisher (+ Booklet Maker) + GBC AdvancedPunch + Square Fold Trimmer	4524	2483	Non-Movable Installation

IOT + A4 High Capacity Feeder (HCF) + IFM + D4 Finisher (with Booklet Maker & Folder Unit)	3637	2483	Non-Movable Installation
IOT + A4 High Capacity Feeder (HCF) + IFM + D4 Finisher (with Booklet Maker & Folder Unit) + Square Fold Trimmer	4419	2483	Non-Movable Installation
IOT + A4 High Capacity Feeder (HCF) + IFM + D4 Finisher (with Booklet Maker & Folder Unit) + GBC AdvancedPunch	3942	2483	Non-Movable Installation
IOT + A4 High Capacity Feeder (HCF) + IFM + D4 Finisher (with Booklet Maker & Folder Unit) + GBC AdvancedPunch + Square Fold Trimmer	4724	2483	Non-Movable Installation

IOT with Oversize High Capacity Feeder (OHCF)			
Configuration	**Min. Site Space (mm)**		**Comment**
	Site Width	**Depth (with Integrated Fiery)**	
IOT + OHCF + Catch Tray	3080	2483	Non-Movable Installation
IOT + OHCF + C3 Finisher	3510	2483	Non-Movable Installation
IOT + OHCF + Finisher C3 Finisher (with Booklet Maker)	3569	2483	Non-Movable Installation
IOT + OHCF + Finisher C3 Finisher (with Booklet Maker & folder unit)	4040	2483	Non-Movable Installation
IOT + OHCF + IFM + D4 Finisher (with Booklet Maker)	4065	2483	Non-Movable Installation
IOT + OHCF + IFM + D4 Finisher (with Booklet Maker) + Square Fold Trimmer	4847	2483	Non-Movable Installation
IOT + OHCF + IFM + D4 Finisher (with Booklet Maker) + GBC AdvancedPunch	4370	2483	Non-Movable Installation
IOT + OHCF + IFM + D4 Finisher (with Booklet Maker) + GBC AdvancedPunch + Square Fold Trimmer	5152	2483	Non-Movable Installation
IOT + OHCF + IFM + D4 Finisher (with Booklet Maker & Folder Unit)	4265	2483	Non-Movable Installation
IOT + OHCF + IFM + D4 Finisher (with Booklet Maker & Folder Unit) + Square Fold Trimmer	5047	2483	Non-Movable Installation
IOT + OHCF + IFM + D4 Finisher (with Booklet Maker & Folder Unit) + GBC AdvancedPunch	4570	2483	Non-Movable Installation
IOT + OHCF + IFM + D4 Finisher (with Booklet Maker & Folder Unit) + GBC AdvancedPunch + Square Fold Trimmer	5352	2483	Non-Movable Installation

Where a device is installed adjacent to an access way, additional space over and above that specified in this document may be required. Space required for access ways is dependent on circumstance, and it is recommended that the local statutory body be contacted for advice.

Installation Requirements

This section contains information on preparing for the delivery and installation of the Color C60 / C70 Printer

General Installation Requirements

- The product should not be exposed to direct sunlight, external heat sources, excessive dust or vibration.
- Do not operate the machine in a poorly ventilated room.
- The machine must be located on a stable and level floor.
- The site clearances must conform to the specifications stated in "Space Requirement (Minimum Service Clearance)"
- At least 1 x network drop required for each Color C60/C70 installation. Additional drops may be required if product is configured with an external print server.

Machine component dimensions & weight (in preparation for Delivery)

Physical modules and Print Server dimensions.

Module	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
IOT (Base / Base + UI)	710 / 1022	803	1153 / 1423	265 / 272
Bypass tray (extended)	560	N/A	N/A	N/A
OCT	410	N/A	N/A	6
A4 HCF	392	610	377	29
1 Tray OHCF	1020	762	992	190
2 Tray OHCF	1020	762	992	207
IFM	345	725	992	45
Finisher C3	840	650	1056	45
Finisher C3 w Booklet	899	650	1056	62
Finisher C3 w Booklet & Folder	1370	725	1056	118
Finisher D4	1050	725	1165	115
Finisher D4 w Booklet	1055	725	1165	150
Finisher D4 w Booklet & Folder	1255	725	1165	190
Square Fold Trimmer	1050	725	533	95
GBC AdvancedPunch	305	725	978	70

Refer to "Space Requirement (Minimum Service Clearance)" for configured site specifications

Delivery Restrictions

Any deliveries not occurring at street level locations must have elevators large enough to accommodate the product modules. Passageways (doorways and hallways) must also be large enough to allow the machine to pass through.

Temperature & Humidity

Maximum: 32°C and 85 % RH
Minimum: 10°C and 10 % RH

Drastic climatic changes are detrimental to image quality, performance and consistency. It is strongly recommended that the product be operated in an air-conditioned environment to achieve best performance.
For optimal operation of the printing system the temperature should be maintained between 20-25°C and humidity between 45-55 % RH

Electrical Requirements

A dedicated 10Amp, 240Volt 50Hz supply is required for each Color C60 /C70 Printer IOT installation*.

In addition, the Color C60/C70 will require individual additional power outlets depending on options purchased:

Device or Option	Quantity	Outlet Type
A4 HCF	Powered by IOT	Powered by IOT
Oversize High Capacity Feeder (OHCF)	1	10 Amp
Finisher C3	Powered by IOT	Powered by IOT
Finisher D4	1	10 Amp
IFM (For Finisher D4)	1	10 Amp
C/Z Folding unit (CD1 Folder Unit finisher C3)	1	10 Amp
C/Z Folding unit (D4 Folder Unit)	Powered by Finisher D4	Powered by Finisher D4
Square Fold Trimmer	1	10 Amp
GBC AdvancedPunch	1	10 Amp
Integrated Fiery Print Server	1	10 Amp
Integrated FreeFlow Print Server	1	10 Amp
Fiery EX Print Server	3	10 Amp

*Where a dedicated supply is not available, it is the customer's responsibility to provide the equivalent, and where the equivalent is not available, Fuji Xerox will not be held responsible for any damage that may occur.

Fuji Xerox will not be held responsible for any damage that may occur as a result of lightning strikes, power surges, etc.

Fuji Xerox recommends protecting the Fiery Print Server from surges or spikes in electrical power that can damage the server and result in extended downtime. In areas that tend to experience brownouts or blackouts with more frequency, installation of an Uninterruptible Power Supply (UPS) is suggested. This protection is the responsibility of the customer. It is not recommended to have a UPS with software installed. The additional introduction of the software is untested and not verified by Fuji Xerox.
Surge protectors & UPS's are provided by the Customer.

Power Consumption / Heat Emission / Noise Emission

Color C60 & C70 Printer	Sleep	Stand-by	Running
Power Consumption	2W (or less)	218W (or less)	1.14 KW (or less)
Heat emission	5.8 BTU/h	743 BTU/h	3889 BTU/h
Noise emission	N/A	+- 34.7 dB (A)	+- 57.4 dB (A)

Sound pressure level according to ISO7779
dB (A)-weighted sound pressure level (bystander positions)

Responsibility Matrix

The following table summarises customer and Fuji Xerox responsibilities relating to the product:

	Action	Responsibility	
		Customer	Fuji Xerox
Installation Actions	Ensure adequate space and power to install device	✓	
	Confirm and maintain network integrity	✓	
	Unpack device components		✓
	Connect all system components and install device hardware		✓
	Install client software / device drivers on PC/workstations	✓*	
	Configure device to connect to the network		✓
	Acquire and install client workstation network hardware and software	✓	
	Initial operator training		✓
Ongoing Actions	Order and install specified Customer Replaceable Units (CRUs) according to machine instructions (refer to 'Supplies' section later in this document)	✓	
	Order and install staple and dry ink cartridges according to machine instructions	✓	
	Remove, repair and re-install any failed components		✓**
	Provide Helpline support (Customer Care Centre)		✓**
	Provide spare parts		✓**
	Provide service		✓**
	Perform system software upgrades		✓**
	Download any additional fonts to server	✓	
	Utilise tools mode to adjust machine setting(transfer, registration etc) as required for particular jobs.	✓	
	Monitor and adjust calibration for colour matching of colour management system	✓	
	Install RIP utilities, printer description files, and print drivers on Client workstations.	✓	
	Secure all system software	✓	
	Setup and administer clients	✓	

*   Fuji Xerox will provide installation of RIP client software and drivers on one client PC & MAC, as part of the installation and training session. It is the responsibility of the Customer to disseminate Drivers and utilities to all other users.
**   Fuji Xerox responsibility when a Full Service and Maintenance Agreement (FSMA) is purchased. If FSMA is not purchased, this action becomes a customer responsibility.

Product Specifications

Security

The Color C60/C70 IOT and/or Integrated/EX Fiery includes the following security features:

Active features:
- Print job submission utilises IPsec.
- Secure Scan transmits files using HTTPS (SSL)
- IPV6 support - accept or deny connections from a specific IP address.
- 802.x support - IEEE Standard for Information technology. 802.1x Port Based Network Access Control ensures that devices that are connected to the network have the proper authorisation.
- Secure Login – Device Access Password Protection ensures administrative set-up screen.
- IP Address Restriction (IP Filtering) controls communications with specific network clients.
- Encryption Communicated pathway and Encrypted PDF Direct Print.

Features with configurable parameters:
- Disk Encryption – Uses state-of-the-art AES 256-bit encryption to secure hard disk drive (HDD) data to avoid threats of unauthorized retrieval/use of document data stored in the internal HDD. ***Disk Encryption is automatically disabled, but can be enabled by the System Administrator***; refer to the System Administrator Guide for specific instructions.
- Image Overwrite –Forces any temporary image files created during a copy, print, scan or scan to email job to be overwritten when those files are no longer needed during normal processing, or "on demand" by the system administrator. ***Hard Disk Data Overwrite is automatically enabled, but the system administrator can set the overwrite parameters***; refer to the System Administrator Guide for specific instructions.

Centerline Paper
The Color C60 / C70 Printer is designed using Fuji Xerox media described below as a "Centerline Paper". "Centerline Paper" is recommended to ensure generating the best image quality from the Printer. It delivers optimum performance in each category of product specification. Other paper brands or weights may alter the print engine's capability.

Every effort has been made to ensure that the Color C60 / C70 Printer supports a broad range of media. Please keep in mind, however, that using only Fuji Xerox-recommended media maximises reliability and paper-handling performance.

All references to media capacity and performance in this document are based on centerline paper. You will see the term "Centerline paper" several times in this document.

Centerline stock refers to ***90gsm Xerox Colotech+.***

Parameter Setting Corresponding Each Media

In order to maintain optimum throughput and image quality, the Color C60 / C70 offers parameter setting, which customers can control. There are several parameters for adjustment, such as, alignment, perpendicularity, skew, scale, print position and so on, corresponding to characteristics of each media.
Adjusted values can be saved as "profile" for recurring jobs. Please refer to product User Guide for more details.

Note: Paper quality may vary and influences print capability depending on paper manufacturing lot or storing. Please do not store paper in a place with high temperature and humidity.

Engine Specifications

Item	Color C60 / C70	Comments
Output Resolution	Up to 2400 x 2400 dpi Up to 600 x 600 dpi	Print Copy
Scanning Resolution	Up to 600 x 600 dpi	Several scan resolution settings are selectable via Color C60/C70 User Interface touch panel. Lower resolutions will result in files that are smaller in size and thereby reducing network traffic.

DMP Features

The Color C60/C70 Printer enables customers to access the latest office features utilising Office equivalent technologies. These additional capabilities, called Document Messaging Platform (DMP), are available with an additional network drop or via the Cisco SD2005 5-port 10/100/1000 switch. This enables the Color C60/C70 Printer configuration to network both the device controller and the integrated Fiery EX-i or Fiery EX Print Server.

The following DMP features are available on the Color C60/C70 Printer:

Standard
- Network scanning – scan to email, scan to folder and scan to PC
- Thumbnail Preview
- SW High Compression , Incl Specific Color Scan
-
Optional
- Searchable PDF (Advanced Scan kit option)
- Scan to MS Word/Excel (Advanced Scan kit option)
- USB Memory Kit (print & scan)
- Gigabit Ethernet kit

The following DMP features are *not* available on the Color C60/C70 Printer:

- Xerox Standard Accounting for prints
- FAX

USB Print

USB Media Print enables walk-up users to print "Print-Ready" files (PDF, XPS, TIFF, JPEG, TXT) files directly from most standard (FAT-32 formatted) USB Thumb Drives.
Files are sent directly from the USB drive to the print controller.
Windows 8 Certified USB drives are not supported

Multi-Model Driver 2 (MMD2)

Multi-Model Driver 2(MMD2) is the common PCL6 print driver to support various Fuji Xerox MFPs and Printers. This is the print driver which can be used to send jobs to the printer without going through the EFI print servers.

- The MMD2 driver only supports the following options:
  - Supported Finishers: Offset Catch Trays(OCT), C3 Finisher/C3 Finisher with Booklet Maker, Finisher D4/Finisher D4 with Booklet Maker
  - Selectable print size from 148mm x 210mm up to a maximum of: 297mm x432mm
  - Selectable media weight: 81-220gsm (Tray 1-4, 81-105gsm)
  - Multiple positioning stapling(4 positions) cannot be set by MMD2 driver.

The user can select the media size/media type with the MMD2 driver, however, the user cannot direct media to be fed from the trays of HCF B1, High Capacity Feeder B1-S, or High Capacity Feeder C3-DS.
MMD2 print driver does not support coated paper; specialty paper or envelopes.
There is very limited Image quality control when using the "Image Option" tab in the MMD2 print driver
Sqaurefold trimmer is not supported with the MMD2 print driver

Network Scanner Specifications

Item	Description
Type	Colour Scanner
Original Paper Size	Same as the Copy function
Scanning Resolution	600x600dpi, 400x400dpi, 300x300dpi, 200x200dpi
Scanning Halftone	Each Colour of RGB: Input: 10 bits, Output: 8 bits
Scanning Speed*1	Black: 100ppm Colour: 100ppm [Fuji Xerox Standard Document (A4LEF), 200dpi, scan to folder]
Connectivity	Ethernet 100BASE-TX/10BASE-T/1000BASE-T(Option)
Scan Method	Scan to e-mail Scan to PC (FTP, SMB); Scan to USB(optional) Store & Send Link Scan to Folder Store to WSD Network Scanning
File Formats using Scan to e-mail; Scan to PC	PDF, DocuWorks, XPS, TIFF, JPEG MS office (Optional)

Item	Description
Scan to USB Store & Send Link	
File Formats using Store to Folder	• Using CentreWare Internet Services: PDF, DocuWorks, XPS, TIFF, JPEG • Using Stored File Manager 3: TIFF and JPEG • Using DocuWorks: DocuWorks • Using Adobe Acrobat: PDF
File Formats Using Network Scanning	TIFF and JPEG
File Formats Store to WSD	XPS, TIFF, JPEG, BMP, PNG
Features available with optional Advanced Scan kit	High Compression by faster scanner throughput File Format: Searchable PDF(OCR) File Format: MS Office(Word/Excel)
Features (Standard)	Thumnail and preview High Compression Specific Color Scan, Password Encryption

*1   Scanning speed varies according to the document.

Image Quality

The Color C60/C70 is designed to produce a uniform image. However, Colour Image Quality is subjective and can be impacted by lighting, and is strongly influenced by paper.

The Color C60/C70 employs a wide media latitude. Feeding heavyweight stocks will result in a higher than normal amount of paper curl. The resulting paper curl can provide difficulties if precision cutting of the printed sheets is required.

- As with any printing process, artifacts will occur. These include streaks, mottle, banding, spots, etc. For most jobs and clients, the expected level of artifacts is within the normal operational and component quality ranges of the system and will not affect the acceptability of the job. Maintenance procedures are available to mitigate these artifacts.
- Artifacts may occur with more frequency when running heavyweight coated media.
- Artifact-sensitive jobs should be monitored.
- Using products on the Recommended Materials List (RML) and maintaining your environment will also help to minimise the occurrence of these artifacts.
- Colour quality perception is subjective and will be affected by ambient lighting conditions.
- The appearance of the document displayed on the monitor screen may not match the output print because the monitor uses RGB Colour space parameters.
- The customer is responsible for calibrating the Color C60/C70 Printer.
- Image quality is strongly influenced by paper surface structure, texture, and Colour. To ensure that your customers are optimally satisfied, key applications should be printed on the printer using representative paper and reviewed by the customer.
- The surface texture of some uncoated papers may cause increased graininess in halftone areas printed with only black toner. This effect may be minimized by adding process black and/or using smooth or coated papers (refer to the Recommended Materials List).
- Sheets of a job may exhibit slight gloss differential from page to page or within a page. Operational mode, stock and toner area coverage will have an impact on the 'level' of gloss differential.
- Streaks or non-uniform gloss may occur 110mm from the lead edge of a print. This is caused by a slight temperature change in the heat roller after its first revolution. If this occurs Gloss Mode can be enabled to reduce severity.
- Prints may exhibit random white spots caused by paper dust, stray developer beads, or other miscellaneous particles. You can reduce the occurrence of white spots by using Fuji Xerox approved paper. If you are cutting your own paper, ensure that cut edges are dust free, and keep the machine in a clean and dust/dirt reduced environment. Failure to do this will result in increased frequency of white spots.
- The Color C60/C70 printer is optimised for most media; specific media may result in curl, which can be corrected using the internal de-curlers on the optional Interface Module (IFM) and optional Light Production Finisher (Finisher D4).
- Typically, heavy weight papers exhibit increased variability of formation and surface smoothness, which may result in degraded image quality. Similarly, image quality on textured papers may be degraded.
- If printing images using K toner only, images may be seen as rough or uneven due to paper formation. In this case, please print on a coated paper or on a paper with smoother surface. Or, adding a few percentages of C, M, Y toner may help achieving dark, rich black.
- All paper stretches to a certain extent during printing. The amount of stretch is dependent on paper type and environmental conditions. Stretch is most noticeable on coated stocks. This stretch can affect front-to-back image registration. Please use the Alignment Profiles feature to minimise this effect.
- Front-to-back registration, image quality (e.g.. white spots), and machine reliability can be adversely affected when a paper sheet is inaccurately cut, is of poor quality, or loose paper fibers or crumb from coated materials are present on the paper surface.
- Image registration, image quality (e.g. white spots), jam frequency and machine reliability can be adversely affected when punched or drilled paper is of poor quality and/or loose hole plugs are present in the ream.

- Gloss differential may be exhibited especially when printing on a coated stock or on a high-density image.
- Colour or density variation among prints or on a print may be caused depending on paper being used or print environment.
- Due to its high temperature and pressure at image adhesion process, prints may exhibit some paper-wave.
- Variation in Colour registration may be observed depending on ambient environment condition, paper types used, paper weights etc

Print Quality & Colour Management

- The appearance of the document displayed on the monitor screen may not match the output print because the monitor uses RGB colour space parameters.
- The customer is responsible for calibrating the Color C60/C70.
- For imported RGB images, optimal colour is achieved in the EPS format. Other imported file formats may produce unexpected results.
- The specification for colour to colour mis-registration is equal to or less than 95 microns, evaluated on Colotech + 90gsm uncoated paper. Colour to colour mis-registration may vary outside of the specification when using heavyweight papers above 90gsm.

Registration Specifications

Item	Trays 1-4 includes OHCF (Trays 6-7) Platen	Tray 5 (Bypass) Platen	Document Handler
Lead Edge Registration*	± 1.1 mm	± 1.6 mm	± 1.8 mm
Side Edge Registration	± 1.8 mm	± 3.0 mm	± 2.4 mm
Skew along the Lead Edge (200mm)	± 1.6 mm	± 1.6 mm	± 1.7 mm
Skew along the Side Edge (400mm)	± 3.2 mm	± 3.2 mm	± 3.5 mm
Perpendicularity (400mm)	± 1.7 mm		± 1.9 mm
Parallelism (400mm)	± 1.0 mm		± 1.3 mm
Image Loss • Lead Edge • Trail Edge** • Side Edge**	4.0 mm 4.0 mm 3.5 mm	4.0 mm 4.0 mm 3.5 mm	4.0 mm 4.0 mm 3.5 mm
Side 1-2 Registration (Lead Edge Direction)	± 1.2 mm	Will be larger	-
Side 1-2 Registration (Side Edge Registration)	± 2.4 mm	Will be larger	-
Magnification	± 0.3 %		
Horizontal R/E Precision (280mm) Applicable for 100 %	± 0.5 % -	-	± 0.5 % ± 0.7 %
Horizontal R/E Precision (280mm) Applicable for 25 to 200 %	± 1.0 % -	-	± 2.2 %
Horizontal R/E Precision (280mm) Applicable for 201 - 400 %	± 2.0 % -	-	± 3.3 %
Horizontal R/E Precision (400mm) Applicable for 100 %	± 0.5 % -	-	± 0.5 % ± 0.7 %
Horizontal R/E Precision (400mm) Applicable for 25 - 200 %	± 1.0 % -	-	± 2.2 %
Horizontal R/E Precision (400mm) Applicable for 201 - 400 %	± 2.0 % -	-	± 3.3
Linearity (Vertical) 400mm span	± 0.7 mm	-	± 0.9 mm
Linearity (Horizontal) 280mm span	± 0.6 mm	-	± 0.6 mm
Linearity (Diagonall) 280mm span	± 0.7 mm	-	± 0.7 mm
* For paper <260mm long and <128 g/m2 ** Add magnification variation for Trail and Side Edge			

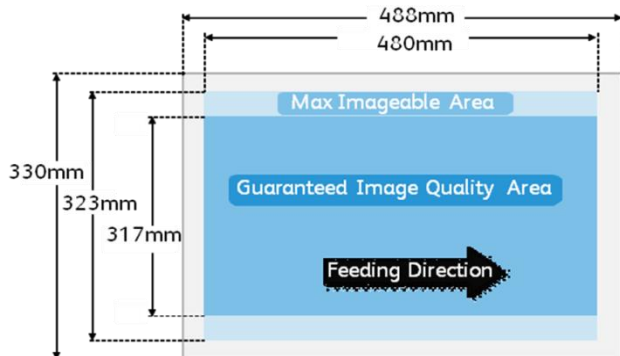Effect of paper shrinkage due to environmental changes are not included.

Maximum Image Sizes

The Color C60/C70 will reproduce A3 full bleed when printing on SRA3 paper.

Copy
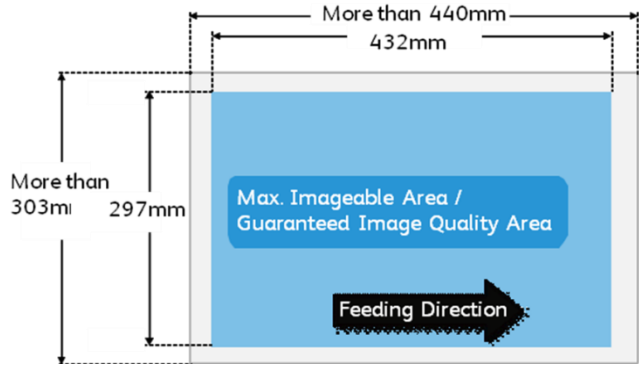
Max. Imageable Area	Guaranteed Image Quality Area
297mm x 432mm	297mm x 432mm

Print

Max. Imageable Area	Guaranteed Image Quality Area
323mm x 480mm	317mm x 480mm

Copy/Print Speed

The Color C60/C70 can run a maximum paper weight of 300gsm Speed through the printer is dependent upon paper size and weight and is reflected in the table below.

The continuous print speeds shown in table below are for feeds from Trays 1 – 4. Speed from Bypass Tray (5) will be reduced by 10-20%. The control panel will allow you to select 60gsm stock, however, printing on stock below 64gsm the printed results are not guaranteed.

Productivity in these charts are based on images per minute (ipm), not prints per minute.
LEF = Long edge feed; SEF = Short edge feed

Size	Weight	Color C60		Color C70	
		Colour (ipm)	B/W (ipm)	Colour (ipm)	B/W (ipm)
A4 LEF (8.5x11)	Plain, (64gsm – 128gsm)	60	65	70	75
A3 (11x17)	Plain, (64gsm – 128gsm)	30	33	35	37
SRA3 (12 x 18)	Plain, (64gsm – 128gsm)	27	29	30	33
A4 (8.5x11) (Tray 5)	Transparency	18*	40	18*	40
A4 (8.5x11) LEF	Heavyweight 1 (129gsm – 176gsm)	43	65	50	75
A3 (11x17)	Heavyweight 1 (129gsm – 176gsm)	21	33	25	37
SRA3 (12 x 18)	Heavyweight 1 (129gsm – 176gsm)	19	29	19	33
A4 (8.5x11) LEF	Coated 1(106gsm – 150gsm)	43**	43**	50**	50**
A3 (11x17)	Coated 1(106gsm – 150gsm)	21	21	25	25
SRA3 (12 x 18)	Coated 1(106gsm – 150gsm)	19	19	19	19
A4 LEF (8.5x11)	Heavyweight 2 (177gsm – 220gsm)	30	43	35	50
A3 (11x17)	Heavyweight 2 (177gsm – 220gsm)	14	21	17	25
SRA3 (12 x 18)	Heavyweight 2 (177gsm – 220gsm)	12	19	12	19
A4 LEF (8.5x11)	Coated 2 (177gsm – 220gsm)	30	30	35	35
A3 (11x17)	Coated 2 (177gsm – 220gsm)	14	14	17	17
SRA3 (12 x 18)	Coated 2 (177gsm – 220gsm)	12	12	12	12
Tab Stock 1 A4 (Tray 5)	Pre-cut Tabs (106gsm – 176gsm)	24	35	24	35
Tab Stock 2 A4 (Tray 5)	Pre-cut Tabs Heavyweight (177gsm – 220gsm)	17	24	17	24
Envelopes	Envelopes (A4)	22	22	22	22
*With finisher (9/9 ipm w/o) **With finisher (35 ipm w/o)					

Media heavier than 220 gsm is required to be fed through Tray 5 or the optional OHCF.
Image Quality adjustments can decrease productivity during a run, Finisher options may also impact productivity.

Paper / Throughput

Centreline stock is the recommended paper to maximise image quality and product reliability

This paper is specifically designed to maximise image quality and machine performance over a wide range of environmental conditions. Unless otherwise specified, all references to media capacity and performance in this document are based on this paper.

- Using coated (e.g., glossy, matte coated or photo finished / proofing) and/ or extra heavyweight (i.e., >176 gsm) stock may result in degraded reliability performance for the Color C60/C70. Customers using these materials exclusively or extensively will see decreased performance as it relates to image quality and product reliability.
- Attempts to feed heavier than recommended paper stocks, and/or misuse of the media settings, may cause machine damage or poor image quality. Using media at run modes other than that recommended for the grade may cause poor image quality and serious machine damage.
- Environmental conditions may require that coated paper be fed one at a time through Tray 5 (Bypass). Relative Humidity greater than 40% could cause multi-feeds. Output may require removal at 25 sheets in the tray when not using a finisher. Gloss variation can occur from machine rolls, especially on high area coverage prints. The optional OHCF C1-DS is recommended for high humidity (>40%) environments.
- The system does not prohibit running coated substrates from the internal trays (Trays 1-4); however, there can be a significant increase in jams or multi-feeds. If large quantities of coated paper are to be run, the OHCF is recommended for paper feeding.
- The maximum print/copy speed for the system is determined by the process speed of the Color C60/C70 engine; image quality adjustments are done frequently to maintain consistent IQ.
- As a printer / copier, the Color C60/C70 is a document printer; therefore, in reverse order (faceup) printing the print engine will not cycle up until the entire job is ready. This will impact First Copy Out Time (FCOT). The printer may cycle down between each job depending on job complexity.

- When printing, overall system performance ('Click to Clunk' time) is primarily dependent upon the software applications and network environment being used. Rasterising (RIP-ing) is only a small fraction of Click to Clunk time.
- If the requested finishing is outside machine capabilities, jobs may be held at the print server or outputted to the finisher top tray.
- The system does not prohibit duplexing coated and heavyweight 2 substrates; however, there may be an increase in jams. If problems occur, switch to manual duplex.
- If the adjustment arms are disturbed while re-loading paper in Tray 5, the paper size setting will return to default and cause the job to stop until the paper size setting is corrected by the user.
- If the paper is changed while the machine is in Sleep Mode, the machine may not register the change in paper size. If this occurs, first open the side paper guide to the largest size, close and re-open the tray, then adjust the side paper guide to the correct size.
- Tray 5 cannot specify "Paper Colour" of paper loaded, its value is always set as "White" regardless of paper colour loaded. Print Engine transmits "Paper Colour" value as "White" to the Print Server. Therefore "White" may be set as "Paper Colour" in printer driver of Print Server,e.g. When choosing "Transparency " as "Paper Type" setting using FFPS printer driver, "Paper Colour" is set to "Clear" automatically, which leads to a mismatch between Print Engine and Print Server setting values. In this case, you can print when "Paper Colour" setting is changed to "White".
- Attempts to feed heavier than recommended paper stocks, and/or misuse of the media settings, may cause machine damage or poor image quality. Using media at run modes other than that recommended for the grade may cause poor image quality and serious machine damage.
- Paper from all trays is printed topside first. When loading paper either in Tray 1, 2 or 3, please load paper so that the side 1 is faced down in the tray. On the other hand, when loading paper in a tray of A4 High Capacity Feeder, or OHCF, please place paper so that side 1 is faced up in the tray. It is recommended that Fuji Xerox branded paper be loaded with ream wrapper seam-side up.
- Depending on properties of paper used, such as paper weights or type, runnability and image quality may vary.
- Depending on a paper used, the frequency of jam or multi-feed may increase. Following the steps below may decrease the frequency.
  - Fan the sheets before loading them in a tray.
  - Invert the sheets vertically when loading them in a tray.
  - Change paper-feeding-direction (long edge feed or short edge feed) when loading them in a tray.
  - Invert front and back side of the sheets when loading them in a tray.
- Manufacturers of coated stock do not recommend use of their media when the ambient relative humidity exceeds 60 %. Relative humidity greater than 40 % may increase multi-feeds from Trays 1- 5.
- The Color C60/C70 is designed to run various kinds of medias; however, specific media may result in curl, which can be corrected using the internal de-curlers on the optional Interface Module (IFM) and optional Finisher D4.
- Colour to Colour mis-registration may vary outside of the specification when using heavyweight papers.
- The Color C60/C70 printer may not output a print for a few seconds to adjust paper feeding timing when running a job with mixed media sizes.
- Copy speed may be significantly lowered when running a booklet-finished-job.

Non-standard Paper Size Support

The Color C60/C70 supports non-standard paper sizes. However, due to rounding and unit-conversions that occur in the client applications, print server, and printer, some mismatch may occur between the paper size entered at the application, and the paper size that must be entered at the printer. The operator may need to adjust the entered paper dimensions by up to 2.5 mm in order for the printer to detect that the requested paper size has been loaded. In addition, the printer interprets some paper sizes included in the PPD (PostScript Printer Description) as non-standard sizes.

Supported Paper Types

Every effort has been made to ensure that the Color C60/C70 supports a broad range of media. Keep in mind, however, that using only Fuji Xerox recommended media maximises reliability and paper-handling performance.

Typically, heavy weight papers exhibit increased variability of formation, surface smoothness and stiffness, which may result in degraded image quality.

Also refer to "Product Limitations" & "Recommended Paper"

Recommended Paper

Refer to the Recommended Materials list, available from your Fuji Xerox representative, for optimum media selections (this resource is also available online at www.xeroxsupplies.com.au).

Storage

The recommended storage conditions for all paper supplies are 20°C to 23°C at 45 %-55 % relative humidity. Papers stored or used outside the recommended environment are likely to affect the image quality output. Paper should always be stored in sealed packs, on shelves located in a work place that is consistently controlled at the recommended environment stated above.

Warm up time

IOT warm up time: 90 seconds or less, at a room temperature of 20˚C

From a cold boot to the "All Services" screen ready, may take up to 3 minutes.

Duplex (2-sided) Copying / Printing

Automatic duplexing on media up to 220 gsm* can be performed from all trays.

Maximum Auto Duplex Support

Copy/Print mode	Coated/Uncoated
Copying	256gsm
Printing via EFI/FFPS servers, or other print drivers(MMD2 print driver or model-specified drivers)	220gsm

For 221-256gsm, copying results are not fully guaranteed. It is dependent on the media type.

Auto duplex printing can be set up to 220 gsm coated and uncoated, however results and performance are subjected to Customer testing media prior to running a job.
SRA3 auto duplex up to 176gsm (coated and uncoated)
A3 auto duplex 176gsm (coated) and 220gsm (uncoated)

Manual duplexing can be performed on media up to 300gsm from Tray 5 (Bypass) and the optional OHCF. (Note: Image quality degradation is possible above 220gsm).

As with any copier or printer, duplex performance is not expected to match the performance for single-sided copying. Paper jam rates may be higher than the rate you will experience for the same throughput material in single-sided mode.

Transparencies

The specific premium transparency is available for use. Please contact your local Fuji Xerox Representative to order the transparency. Transparencies are supported out of all internal trays, Tray 5 (Bypass), and Trays 6-7 (OHCF) if fed in the correct manner. This premium transparency is specifically designed to provide optimum copy quality.

Use of other transparencies may cause machine damage and result in excessive service calls.

SIQA- (Simple Image Quality Adjustment toolset)

To achieve improved registration results with paper other than centerline paper, Fuji Xerox recommends that you use the Simplified Image Quality Adjustment (SIQA) tool to create custom media profiles for a specific tray and paper type, this will improve the front to back registration alignment.

This additional registration tool allows service or users to easily create profiles. The tool can also be used to make Density adjustments inboard/outboard (SMILE Correction) and Image transfer (Transfer Voltage) value.

SIQA is software that should be installed on a Windows PC by the customer.
Therefore, the software can be installed in the Windows Client PC as well as EX Print Server. Please note that it cannot be installed in the Integrated EXi Print Server (Linux OS).

Front to back registration alignment can only support media size 182x182mm or larger.

Users need to operate SIQA in the System Administration mode.

Paper Tray Capabilities

Tray #	Size	Capacity (using 90gsm Paper)	Specified Weights & Comments
#1 & 2	A5 SEF or 5.5" x 8.5"* B5 SEF A4 SEF, LEF B5 LEF or 7.25" x 10.5" LEF** B4 SEF A3 SEF 11" x 17" SEF 12" x 18" SEF *** SRA3 SEF *** 13" x 18" SEF***	500 sheets	Normal Weight (bond/plain): (64 – 105gsm) Heavyweight 1: (106– 176gsm) Coated 1: (106-150gsm) Heavyweight 2: (177 – 220gsm) Coated 2: (151 –220gsm) Min paper size: A5 SEF Max paper size: SRA3 SEF (Tray 1 only) A3 SEF (Tray 2) 64-220gsm stocks recommended When feeding 177-220 gsm paper and/or coated stock it is highly recommended to feed from tray 5 (Bypass) or trays 6/7 (HCF) due to degraded feeding performance of these papers through trays 1-4. The control panel will allow you to select up

			to 256gsm, however printed results above 220gsm are not guaranteed.
#3 & 4	B5 LEF or 7.25"x10.5"LEF** A4 LEF	870 (Tray 3) 1140 (Tray 4)	Stock weights the same as Trays 1 & 2 Min paper size: B5 LEF Max paper size: A4 LEF The control panel will allow you to select up to 256gsm, however printed results above 220gsm are not guaranteed.
#5 (Bypass)	A6 SEF B6 SEF A5 SEF B5 SEF,LEF A4 SEF, LEF B4 SEF A3 SEF 11" x 17" SEF 12" x 18" SEF SRA3 SEF 13" x 19" SEF	250 sheets	Same as Trays 1 – 4 with additional 221 – 300 gsm capability. Min paper size: 100 x 148 (Postcard) Max paper size: SRA3
#6 A4 HCF (Option)	B5 LEF A4 LEF 7.25"x 10.5" LEF 8.5" x 11" LEF	2000 sheets	Stock weights the same as Trays 1- 4 Min paper size: B5 LEF Max paper size: A4 LEF
#6 & 7 OHCF (Option)	Minimum B5 LEF Maximum SRA3/ 13" x 19"	2000 sheets per tray	Stock weights are the same as Trays 1 – 4 with additional 221 – 300 gsm capability.

*   The combinations of 5.5" × 8.5" SEF, A5 SEF, and B5 LEF cannot be loaded in different trays in one machine
**   B5 LEF and Executive 7.25" x 10.5" cannot be loaded into the same tray.
***   Supported by Tray 1 only.

Document Handler

Item	Specification
Document Feed Type:	Duplex Automatic Document Feeder
Document Size	Min: A5 - Max: A3
Paper Weight	38-200gsm (When duplexing: 50-128gsm)
Capacity (90gsm)	250 sheets
Feeding Speed A4 LEF in simplex copy mode	Monochrome: up to 80 ipm, Colour: 75 ipm (A4 LEF)

Billing Meters

An automated meter capture service is available for customers with a Fuji Xerox Australia Support Services Agreement (SSA). This service assists customers with convenient, accurate billing by eliminating the need for manual meter read submission for each device. It is included as a standard part of support for customers with devices and networks compatible with Fuji Xerox meter capture technology.

If your device or network is not compatible with our meter capture technology, you will be required to manually submit your meter readings for billing purposes. The billing counters can be viewed on the control panel display screen.

Item	Description	Reported	Note
Meter 1	Colour Impressions	Yes	Total output for all color copies/prints regardless of paper size.
Meter 2	Black Impressions	Yes	Total output for all black & white copies/prints regardless of paper size.
Meter 3	Colour Large impressions	Yes	Total output for all colour prints / copies larger than 297mm x 400mm.
Meter 4	Black Large impressions	Yes	Total output for all black prints / copies larger than 297mm x 400mm.
Meter 5	Total Impressions	No	For Customer information only.

Auditron Function

The Color C60 / C70 engine has the following built-in Auditron features:
Auditron functionality only applies to Copy Mode

Item	Specification
User Access Restriction	Depends on Colour Server Functionality (1000users)
Number of Sheets	Depends on Colour Server Functionality (1000users) Upper bound: 9,999,999
Billing Meter Information	Depends on Colour Server Functionality Print Engine UI

Cost Recovery

EPSV (Electronic Partnership Supervisor)

The EPSV is currently supported on Color C60/ C70 with Integrated Fiery controller and connection to Equitrac systems only.

Since the Color C60 and C70 with Integrated Fiery controller are designed for production environments, there are limitations when connecting to external cost recovery systems.

- Black and white pages on the Equitrac server will count as colour for RGB and CMYK gray files
- Equitrac will record jobs that have incorrect property settings and have been suspended by the Integrated Fiery Controller after a certain time. Fiery Command Work Station (CWS) is required to release the job.
- Only 1 printed job is kept on the Integrated Fiery Controller.
- Reprinting the job using CWS will not be tracked by the Equitrac Server.
- A Printer that is setup on the Equitrac server that does not use the Equitrac port will not be tracked.
- When installing the printer using the Equitrac port, all the colour management features of the Integrated Fiery are disabled. Therefore color output may not be as accurate as expected.

The Equitrac Customer Expectation Document should be read in conjunction with this information.

A Fuji Xerox Analyst can assist with questions relating to Color C60 / C70 and Cost Recovery.

Envelopes

The C60/C70 currently supports running the following envelope sizes through Tray 5. Depending on thickness, up to 50 envelopes can be loaded. Envelopes can also be fed from HCF Trays 6 & 7 with the small media bracket (post card kit) installed. Stack heights in these trays may need to be reduced if jams are encountered with various envelope types.

Envelope Type/Size	Feed Direction Flap Open	UI Tools Input
Monarch 98.4 X 190.5mm	LEF	Custom Paper Size 190.0mm X 170.0 mm
Commercial #10 104.8mm X 241.3mm	LEF	Custom Paper Size 240.0mm X 173.0 mm
Envelope: Chou-kei3 120.0mm X 235.0mm	SEF	Default Input Size when customized in tools
Envelope: Kaku-ga 240.0mm X 332.0mm	SEF	Default Input Size when customized in tools
Envelope C4 229.0mm X 324.0mm	SEF	Default Input Size when customized in tools
Envelope C5 162.0mm X 229.0mm	SEF	Default Input Size when customized in tools

**Note: Please be aware that envelopes are <u>not</u> intended to be a primary media for this product and should only represent a very small percentage of monthly print volume.

Envelope Feeding Guidelines/Limitations:

- Envelope should be run using media type "heavyweight 2", "face-up" selected.
- Envelopes should be run open flap to the left (trail edge) which provides the best wrinkle free results. It is not recommended to run closed flap because it is more susceptible to wrinkles, creases, light image, and the flap sealing during the run.
- North American envelopes will only run in Custom Size Mode with manually inputting the size indicated above. These dimensions include a commercial style open flap (specific dimensions for the envelopes being used should be entered, including flap size).
- Envelope Basis Weight must be between 75 to 90 GSM.
- Bypass tray can handle SEF stacks of 30 – 50 envelopes.
- Stacking capacity in SCT varies from approx. 30 to 100 envelopes.
- Frequent jams or damage may occur with certain size envelopes & flap designs.
- Image Quality may be compromised when running various flap & seam designs.
- Maximum reliable LEF / flap open exit tray stack height is less than 10 envelopes.
- Maximum reliable SEF stack height in SCT is 30 – 50 envelopes
- Other variables that can affect envelope feeding performance:
    - Envelope brand, size, weight, and seam configuration.
    - Flap design, size, and shape.
    - Orientation of Flap in feed trays – Inboard or Outboard.
    - Storage / environmental conditions, and age of envelopes.
    - Output devices used.

Accessories/Options

Finishing Options & Specifications

Simple Catch Tray (SCT)

- The simple catch tray holds up to 500 sheets of A4 80gsm media.

Offset Catch Tray (OCT)

- The offset catch tray holds up to 500 sheets of SRA3 80gsm media.

C3 Finisher

C3 Finisher	
The C3 Finisher is an output device that can perform up to 50-sheets stapling, hope punching, up to 3,000 sheets stacking.	
Tray Capacity/Weight/ Size	**Top tray** • up to 500 sheets of A4 80 gsm uncoated paper and can accommodate up to SRA3 size media 52-300gsm. A5 LEF offsetting available. Note: heavier paperweight will result in reduced output tray capacity • Min: 100 x 148mm, Max: 330 x 488mm **Finisher Tray** The Finisher Tray can accommodate up to330x488mm size media 52-300gsm. • Min: B5 LEF, Max: 330 x 488mm • Without stapling : up to 3,000 sheets of A4, or 1500 sheets of B4 or larger at 80 gsm uncoated paper. Note: larger media will result in reduced output tray capacity. • With stapling: For A4 size, up to 200 sets (Single stapling), 100 sets(dual stapling), or 3000 sheets. For B4 or larger, up to 100sets or 1500 sheets. Note: larger media will result in reduced output tray capacity.
Multi-position Stapling	• Multi-position stapling of up to 50 sheets uncoated paper at 90 gsm. • Quad stitch stapling available through EFI (stand alone and bustled).
Hole Punch (Optional)	• 2/4 Hole Punch , or 2/3 Hole Punch are available, up to 200gsm. • Max size : A3 • Min size: B5(2-hole punch), A4(4 hope punch)

C3 Finisher with Booklet Maker	
The C3 Finisher with Booklet Maker is a separate configuration that adds basic booklet making capability to all the same features as the C3 Finisher. C3 Finisher with Booklet Maker includes: Hole Punch Stapler Top Tray Finisher Tray Booklet Unit capable of saddle stapling and bi-folding **NOTE:** Hole punching is not available to the Booklet Tray	
Tray Capacity/Weight/ Size	**Top Tray** ● up to 500 sheets of A4 80 gsm uncoated paper and can accommodate up to 330 x 660mm size media 52-300gsm. Note: heavier paperweight will result in reduced output tray capacity. ● Min: 100 x 148mm, Max: 330 x 488mm
	<u>Finisher Tray</u> The Finisher Tray can accommodate up to330x488mm size media 52-300gsm. • Min: B5 LEF, Max: 330 x 488mm • Without stapling : up to 1500 sheets of A4, or 1500 sheets of B4 or larger at at 80 gsm uncoated paper. Note: larger media will result in reduced output tray capacity. • With stapling: For A4 size, up to 200 sets (Single stapling), 100 sets(multi positioning stapling), or 1500 sheets. For B4 or larger, up to 100sets or 1500 sheets Note: larger media will result in reduced output tray capacity.
	<u>Booklet Tray</u> ● up to 20 sets of a maximum of 15 stapled sheets per set, and can accommodate up to A3 media (uncoated 60-300gsm)(coated 106-220gsm). Note: larger media will result in reduced output tray capacity. ● Min: B5, Max: 330 x 457mm
Multi-position Stapling	• 1,2 and 4 place stapling of up to 50 sheets uncoated paper at 90 gsm. • Quad stitch stapling available through EFI (stand alone and bustled).
Hole Punch (Optional)	● 2/4 Hole Punch , or 2/3 Hole Punch are available, up to 200gsm. ● Max size : A3 • Min size: B5(2-hole punch), A4(4 hole punch)
Booklet Making capacity	● Booklet saddle stitching available with Short Edge Feed (SEF) paper sizes A4, A3. ● The Finisher Booklet Maker Tray can accommodate up to 20 sets of up to 15 sheets per set when stapled. Booklets can consist of 2 to 16 sheets of 80 gsm
Booklet Making Sizes	• Booklet stitching available with paper sizes of A4, B4, A3, SRA3. Booklets up to 16 sheets of non-coated 90 gsm or 14 sheets of non-coated 80 gsm plus 1 non-coated cover between 90-176 gsm
Saddle- Stitch Stapling	• 2-16 sheets / 8-60 page booklet of the media 60-90gsm.
Single-fold	Single-Fold is folding a single paper without stapling. • It can fold the media from 60-220gsm, and the media size of B5 to SRA3(330x457mm). • It can fold the media from B5 to SRA3(330x457mm), with media weight of 60-220gsm.
Bi-fold	Bi-fold is folding papers of 2 or more sheets without stapling. • It can fold the media from B5 to SRA3(330x457mm), with media weight of 60-220gsm. • It can bi-fold up to 5 sheets.

Staple capacity will decrease if gsm increases

Destination for coated stock is the Top Tray only.

C3 Finisher CD1 folder unit

Item		Description
Z fold half sheet	Paper Size	A3, B4, 11 × 17"
	Paper Weight	64 to 90 gsm
Tri-fold	Paper Size	A4, Letter
	Paper Weight	64 to 90 gsm
Paper Capacity*1		30 sheets
Power Supply*2		AC 220 – 240 V, 0.5 A, 50/60 Hz common
Maximum Power Consumption		120 W or less
Dimensions		W 371 x D 726 x H 991 mm
Weight		53 kg

*1: 80 gsm Paper *2: Power supply separate from the main unit is required.

Light Production Finisher or Finisher D4 – Shown with Optional Booklet Maker

- 100-sheet stapling,
- 3,000 sheets stacking,
- punch,
- saddle stapling/center-fold,
- optional Z-fold/three-fold, and cover paper insertion.

The Finisher D4 has a built-in decurler unit that corrects the curl on paper outputted from print engine, a built-in stapler with staple-pin cut function, and a built-in interposer that feeds cover paper to finisher for saddle-staple operation.

The Finisher D4 with optional booklet unit (shown in photo) includes the punch and stapler, the stacker tray and top exit tray, and a booklet unit capable of saddle stapling and bi-fold.

Light Production Finisher or Finisher D4 Tray Capacity

- 500 sheet top tray (80gsm),
- 3,000 sheets for (A4 only) or 1,500 sheets other than A4 in the stacker tray (80gsm)
- 200 sets or 3,000 sheets A4 Single staple, 100 sets or 1,500 sheets A4 dual staple for the Stacker Tray.
- Uncoated 64-300gsm/Coated 106-300gsm Top tray,
- Uncoated 64-300gsm/Coated 106-300gsm Finisher tray
- 1,2 and 4 place stapling of up to 100 sheets of 80gsm uncoated paper, available to the finisher tray.
- Staple capacity is from 203.2 mm x 254 mm up to A3
- Non-stapled Booklets: 5 sheets/set (90 gsm Colotech+)
- Bi-Fold: 1 sheet/set, Uncoated 64-220gsm/c
- Cover Sheet in a Booklet: A single sheet cover is able to be used (Uncoated 91-220gsm/Coated 106-220gsm)
- Bi-folding paper can be one of the following sizes - A4, B4, A3, 12x18in & SRA3
- Bi-Folding accuracy for non-stapled sheets: ≤1.5 mm
- Booklet fold accuracy of the inner sheet (lead and side edge): Non Stapled and Stapled: ≤1.5 mm for A4 sheets, ≤2.0 mm for other sizes
- Bi-Fold fold accuracy (lead and side edge): ≤2.5 mm (non booklet job)

NOTE: SRA3 or larger cannot be offset
NOTE: Bi-fold unavailable in Copy Mode
NOTE: Bi-fold option only available when the Booklet Maker option is purchased

Staple Capabilities by weight and paper finish for the Finisher D4

The following refers to the limitations when stapling sheets together.

Note: these specifications are not relevant when creating a Booklet. Refer to "Optional Booklet Maker for Light Production Finisher (Finisher D4)" for Booklet stapling specifications.

Staple Capabilities by weight and paper finish		
Paper type and weight		Paper Size 203.2x254 (mm) to A3
Uncoated	64-90 gsm	100
	91-105 gsm	50
	106-128 gsm	30
	129-150 gsm	19
	151-176 gsm	12
	177-220 gsm	5
	221-256 gsm	N/A
	257-300 gsm	N/A
Coated	64-90 gsm	N/A
	91-105 gsm	N/A
	106-128 gsm	5
	129-150 gsm	5
	151-176 gsm	5
	177-220 gsm	5
	221-256 gsm	N/A
	257-300 gsm	N/A

Optional Booklet Maker for the Light Production Finisher (Finisher D4)

The following refers to the limitation when creating a booklet with Staple.

Tray Capacity by weight, size and paper finish		
Paper type and weight		Paper Size (A4 to SRA3)
Uncoated	64-80 gsm	25*
	81-90gsm	20
	91-105 gsm	10
	106-128 gsm	10
	129-150 gsm	10
	151-176 gsm	10
	177-220 gsm	5
	221-256 gsm	N/A
	257-300 gsm	N/A
Coated	64-90 gsm	NA
	91-105 gsm	NA
	106-128 gsm	10
	129-150 gsm	10
	151-176 gsm	10
	177-220 gsm	5
	221-256 gsm	N/A
	257-280 gsm	N/A

* Folding/stapling may not be as accurate as a booklet with 20 sheets.

Light Production Finisher C/Z Folder (D4 Folder Unit) Capacity

An optional Folder unit that can handle Z-fold, Tri-C, and Tri-Z, can be added to the Finisher D4.
- The C/Z folding tray can accommodate 30 sheets of up to 90 gsm uncoated media.

- Supported Paper size is A4 to the Folder Drawer, A3 to the Top Tray
- Fold accuracy as shown below:

Z-Fold	±1.0mm ±1.5 mm 2 mm±2mm 1/2Paper +0/-4 mm
Envelop / C-Fold	±1.5 mm ±1.5 mm 8 mm ±2mm 2 mm ±2mm
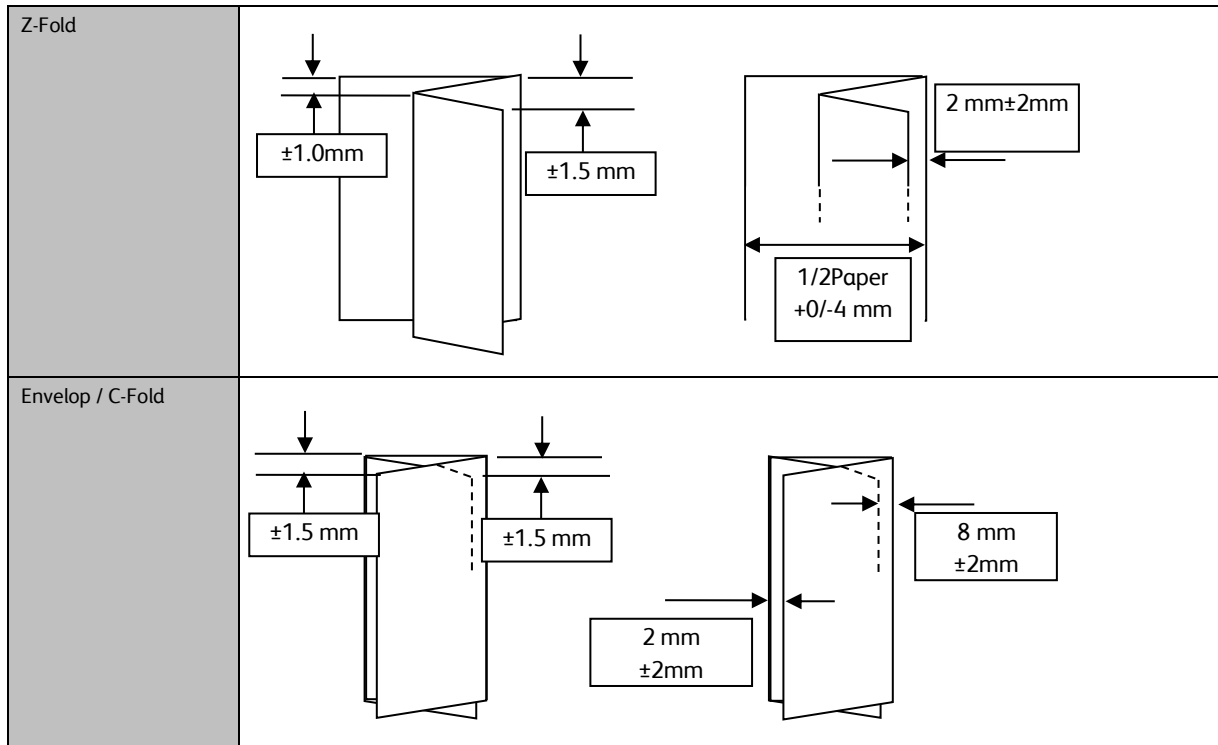
Interposer for the Light Production Finisher

- Maximum paper size is A3.
- The Finisher D4 includes a standard Interposer, used to insert pre-printed stock into finished sets without having to go through the engine (Uncoated 64-220 gsm).
- Coated media, labels & envelopes are not supported.
- Tray capacity equals 150 sheets of 90gsm.

Hole Punching Capability for the Light Production Finisher or Finisher D4.

The Finisher D4 offers Hole Punch as a standard feature.
- Hole punching capacity is for Uncoated 64-200 gsm/Coated 106-200 gsm media.
- Hole punching for B5, A4, B4 & A3 only.
- Hole punching is not available to the Booklet Tray.
- Hole punch capacity is equal to the regular capacity of the chosen output tray.
- For the Australian market, 2- and 4-hole punch is available. Stacks can be punched on the left or right side, or on the top edge.

Also refer to "Product Limitations – Light Production Finisher (Finisher D4) Limitations"

Optional Interface Module (IFM)

- The Interface Module aligns the paper paths of the engine and finisher, cools and decurls paper exiting the printer, and allows communication between the engine and finisher. One Interface Module must be ordered when an optional Finisher D4 is ordered.

Square Fold Trimmer (for Light Production Finisher with Booklet)

- The SquareFold Trimmer will handle all output from the Booklet tray Refer to Booklet Maker specification above.
- Paper sizes: A4 to SRA3/13x18in
- Cut amount: 2-20mm adjustable in 0.1mm increments
- All output from the Finisher D4 with Booklet Maker can be passed through, square-folded, trimmed, or both squared-folded and trimmed
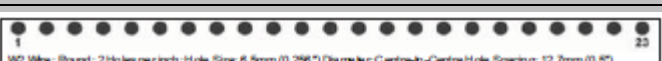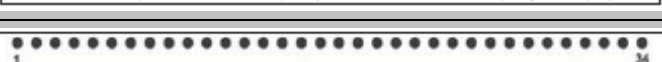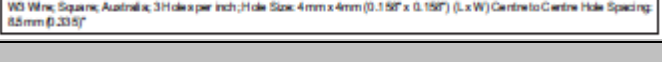
GBC AdvancedPunch

The GBC AdvancedPunch is an inline die punch that utilises modular die sets to enable a variety of hole-punch patterns in A4 long-edge fed media. Output from the GBC AdvancedPunch is bound offline.

- The GBC AdvancedPunch requires an Interface Module (IFM) as well as a HCS or Finisher D4 with or without Booklet Finisher. Customers wishing to add the GBC AdvancedPunch to their existing system can do so - upgrade kits will be required.
- The GBC AdvancedPunch is not available for use on C3 Finisher, or with the Offset Catch Tray.
- GBC® AdvancedPunch™ does not work in conjunction with Z-fold, bi-fold, letter fold, finisher punch, staple, or booklet making.
- Due to its location in the system
    - Stock from the Post Process Inserter Tray cannot be run through the GBC AdvancedPunch™.
    - Stacking to the booklet output tray or letter fold output tray is not permitted.
    - Pre-printed Tabs cannot be punched
- The GBC AdvancedPunch is supported by all colour servers.
- The GBC AdvancedPunch supports media from 75 to 216 gsm, coated and uncoated.
    - ProClick die (ED200564) supports media from 75 to 203 gsm
- The GBC AdvancedPunch is able to bypass all coated and uncoated media sizes printed on the Color C60/C70 Digital Press.
- Hole punch position from edge of paper is not adjustable.
- Opening the door of the GBC AdvancedPunch™ while the machine is running will cause the machine to jam and shut down.
- Gloss coated media may not run as reliably as uncoated paper. Typically, coated papers and high area coverage exhibit increased variability in paper handling due to lower coefficients of friction. This may result in varied punch registration and increased jam rates.
- Due to the nature of punching holes, each punched sheet is slightly deformed, and when stacked, the edge with the holes will have an increased height as compared to the non-punched edge.
- Reduced stack quality may be experienced due to variability in the punch hole formation.

- The stack height can be effected by many factors, such as: paper type, quality, weight and curl, as well as die type, age and condition. Paper curl is best when it has a slight downward curl on the edges. This can be adjusted by the operator while running prints.
- When sending output to the stack tray of the HCS, if this stack height difference exceeds one inch, the machine will shut down and alert the operator to unload the stacker tray. This is done to prevent a jam condition, and will result in a reduction of stack capacity dependent on the die in use.
- The GBC AdvancedPunch supports tab stock no wider than 230 mm; oversized tabs may be damaged.
    - Stacking may be misaligned on jobs containing tab stock; these jobs will require additional jogging before final finishing.

GBC AdvancedPunch punching Patterns

Description	Part Numbers	Punching Pattern
For Plastic Comb Binding		
DIE XEROX PB-20H A4	ED200556	PB Plastic Bind; Australia Hole Size: 8mm x 3.2mm (0.315" x 0.126")(LxW) Centre to Centre hole spacing: 14.3mm (0.563") — 20
DIE XEROX PB-21H A4	ED200557	PB Plastic Bind; Hole Size: 8mm x 3.2mm (0.315" x 0.126") (LxW); Centre-to-Centre Hole Spacing: 14.3mm (0.563") — 21
For Colour Coil™ Binding		
DIE XEROX C4-47H A4	ED200558	C4 Coil; Round; 4 Holes per inch; Hole Size: 4.5mm (0.177") Diameter; Centre-to-Centre Hole Spacing: 6.3mm (0.248") — 47
For Twin Loop™ Binding		
DIE XEROX W2-23H-RND A4	ED200559	W2 Wire; Round; 2 Holes per inch; Hole Size: 6.5mm (0.256") Diameter; Centre-to-Centre Hole Spacing: 12.7mm (0.5") — 23
DIE XEROX W3-34H-RND A4	ED200C60	W3 Wire; Round; 3 Holes per inch; Hole Size: 4mm (0.158") Diameter; Centre-to-Centre Hole Spacing: 8.5mm (0.335") — 34
DIE XEROX W2-23H-SQ A4	ED200561	W2 Wire; Square; Australia; 2 Holes per inch; Hole Size: 6.4mm x 5.5mm (0.252" x 0.217") (L x W) Centre to Centre hole spacing 12.7mm (0.5) — 23
DIE XEROX W3-34H-SQ A4	ED200562	W3 Wire; Square; Australia; 3 Holes per inch; Hole Size: 4mm x 4mm (0.158" x 0.158") (L x W) Centre to Centre Hole Spacing: 8.5mm (0.335)" — 34
For Velo® Binding		
DIE XEROX VB-12H A4	ED200563	VB Velo® Bind Round; 1 Hole per inch Hole Size: 3.2mm (0.126") Diameter; Centre-to-Centre Hole Spacing: 25.4mm (1") — 12
ProClick® A4 34-Hole Binding		
DIE XEROX PC-34H A4	ED200564	PC ProClick®; Rectangular; 3 holes per inch, Hole size: 5.5mm (0.217"H) x 5.0mm (0.197"W). Centre to Centre 8.5mm (0.335") — 34
For Loose-leaf Binding		
DIE XEROX 2H-8mm A4	ED200565	2 Ring Binder; European (loose-leaf pattern), Hole Size: 8mm (0.315") Diameter — 1 2
DIE XEROX 4H-8mm A4	ED200566	4 Ring Binder; European (Standard Loose-leaf Patterns); Hole Size: 8mm (0.315") Diameter — 1 ... 4

The GBC AdvancedPunch comes standard with 1 x Die PB-21 Hole A4 punch size (ED200557)
Additional Die's are available for purchase from Fuji Xerox.

The approximate life of the Die is 500K punch cycles, replacement Die's are not covered under the service agreement and these can be purchased from Fuji Xerox Supplies.
Punch die life will be increased if the wick material is lightly oiled every 50,000 punch cycles (approximately every month) with the initially supplied oil or a quality machine oil such as 3-in-1 Oil. The customer is responsible for applying this oil. Small deposits of oil will be observed around the perimeter of the punched holes until the excess oil is absorbed (usually within 20 sheets).

Please refer to the GBC AdvancedPunch User Guide for instructions.

Feeder Options & Specifications

A4 High Capacity Feeder (B1)

- 2,000 sheet capacity (Fuji Xerox Centerline 90 gsm Colotech+)
- Weight range: 64-220 gsm (uncoated)
- Powered by print engine – no external power source required
- Maximum paper size A4

1 Tray/2 Tray Oversized High Capacity Feeder (1 Tray OHCF - 2 Tray OHCF).

- Handles coated substrates up to 220 gsm for auto duplex
- Air-assisted, robust feeder design for oversized and heavyweight
- Maximum auto duplex up to 220 gsm /80 lb. cover, coated and uncoated
- The Oversized High Capacity Feeders require a 240+10 % ,50/60Hz power outlet.

1 Tray OHCF (B1-S)

- Capacity: 1 tray, 2,000 sheets*
- Minimum Paper Weight: 64 gsm uncoated or 106 gsm coated
- Maximum Paper Weight: 300 gsm coated or uncoated
- Minimum Paper Size: 182mm x 182mm
- Maximum Paper Size: 330mm x 488mm
- Maximum Auto Duplex: 220 gsm (coated and uncoated)

2 Tray OHCF (C1-S)

- Supports coated/uncoated substrates up to 176 gsm for auto duplex
- Air-assisted, robust feeder design for oversized and heavyweight
- The Oversized High Capacity Feeders require a 240+10 % ,50/60Hz power outlet.
- Capacity:2 trays, 4,000* sheets (each tray capacity 2,000 sheets)
- Minimum Paper Weight: 64 gsm uncoated or 106 gsm coated
- Maximum Paper Weight: 300 gsm coated or uncoated
- Minimum Paper Size: 182mm x 182mm
- Maximum Paper Size: 330mm x 488mm
- Maximum Auto Duplex: 220 gsm (coated and uncoated)

* Fuji Xerox Centerline stock·

Support

Customer Support

eSupport

Our internet-based support system can be accessed at http://www.fujixerox.com.au/support and includes a number of services:

Online Support Assistant

The Online Support Assistant allows users to obtain instant self-help, step-by-step instructions and information on Fuji Xerox products 24 hours a day, 7 days a week.

My Account

My Account provides access to information about your account. You can view your invoice details, submit your meter readings, order toner or request machine relocations.

Online Supply Ordering

For a full range of products, you can access the site directly at www.xeroxsupplies.com.au.

Customer Training

Fuji Xerox will provide on-site training (standard) with the delivery of our equipment. Additional or repeat training is available (charges and conditions apply).

The duration of the standard Color C60/C70 Customer Operator course is 1½ days in total. (Standard installation for the Engineer and Analyst is additional/separate to the 1½ days)

Fuji Xerox Australia also offers a range of additional industry related courses to assist a customer in better understanding the technology, the industry, and new opportunities. For more details, please contact your Account Representative.

Customer Care Centre

The Fuji Xerox Customer Care Centre is available 24/7 for all service calls and for customer application requests. You can contact them directly on **1 800 028 962**.

Remote Services

Production Remote services will be enabled at machine install and provides Fuji Xerox with up to date information about the machine's current state, including:

- Quick identification of potential technical problems
- Quick and accurate diagnoses of technical problems
- Ordering of replacement parts ahead of time
- Faster resolution of issues, often occurring in less time than sending a service engineer

A PRS security white paper is available on request from your account manager

> **NOTE:** Device status data is sent via a secure internet connection between the machine and Fuji Xerox using Secure Socket Layer (SSL) protocols and 128-bit encryption; only machine performance information is sent to Fuji Xerox through this connection. Remote services may not be available in all areas.

Supplies

This section details the supplies that can be ordered from Fuji Xerox for the Color C60/C70 product.

Consumables & Ordering

Toner and consumables can be ordered by contacting the Fuji Xerox Customer Care Centre on, **1 800 028 962**. or by ordering on the Internet: http://www.xeroxsupplies.com.au

Each Colour C60/C70 Printer is delivered with an initial supply of Toner (100 % full) as well as the CRUs (Drum Cartridges, Fuser, and Waste Toner Container as well as Staples – included for finishing options with stapling).

Toner Cartridges

Supply Description	Reorder Number	Cartridges per Carton	Yield Projection (using centerline paper)	Replaced by
Toner K	CT201702	1	30k	Customer
Toner C	CT201703	1	34k	Customer
Toner M	CT201704	1	31.7k	Customer
Toner Y	CT201705	1	34k	Customer
Drum Cartridge(K)	CT350887	1	199k (Color C60)/ 182k (Color C70)	Fuji Xerox
Drum Cartridge(Y M C)	CT350888	1	89k (Color C60)/ 81k (Color C70)	Fuji Xerox
Waste Toner Container	CWAA0663	1	50k	Customer or Fuji Xerox
Staple Cartridge for Finisher C3, incl booklet maker	CWAA0856	5K staples x 2 cartridges / Box		Customer
Staple Cartridge for Finisher D4	CWAA0677	5K staples x 4 cartridges / Box	Plus Waste Box	Customer
Staple Cartridge for Finisher D4 w/ Booklet Maker	CWAA0749	5K staples x 4 cartridges / Box		Customer
GBC Advanced Punch Die Sets				
DIE XEROX PB-20H A4	ED200556	1	Life: 500K punch cycles (uncoated, 76 gsm).	Customer
DIE XEROX PB-21H A4	ED200557	1	Standard. Comes with the GBC AdvancedPunch. Life: 500K punch cycles (uncoated, 76 gsm).	Customer
DIE XEROX C4-47H A4	ED200558	1	Life: 500K punch cycles (uncoated, 76 gsm).	Customer
DIE XEROX W2-23H-RND A4	ED200559	1	Life: 500K punch cycles (uncoated, 76 gsm).	Customer
DIE XEROX W3-34H-RND A4	ED200C60	1	Life: 500K punch cycles (uncoated, 76 gsm).	Customer
DIE XEROX W2-23H-SQ A4	ED200561	1	Life: 500K punch cycles (uncoated, 76 gsm).	Customer
DIE XEROX W3-34H-SQ A4	ED200562	1	Life: 500K punch cycles (uncoated, 76 gsm).	Customer
DIE XEROX VB-12H A4	ED200563	1	Life: 500K punch cycles (uncoated, 76 gsm).	Customer
DIE XEROX PC-34H A4	ED200564	1	Life: 500K punch cycles (uncoated, 76 gsm).	Customer
DIE XEROX 2H-8mm A4	ED200565	1	Life: 500K punch cycles (uncoated, 76 gsm).	Customer
DIE XEROX 4H-8mm A4	ED200566	1	Life: 500K punch cycles (uncoated, 76 gsm).	Customer

Assumptions: Toner cartridge yield is based on 5 % area coverage. Average drum yield is based on a run length of (5) A4 LEF pages. Average waste toner bottle yield is based on 5 % area coverage per color. Please note that actual yields vary greatly depending on color intensity, area coverage, paper stock, and mode selected.

Safety Data Sheets

These documents can be obtained upon request by emailing the OH&S department at: OHSenquiries@aus.fujixerox.com or by contacting the Customer Care Centre on **1 800 028 962.**

Approvals

The approvals obtained in relation with environmental and safety considerations are as follows:

- International Energy Star Program
- Electromagnetic Compatibility Framework – Supplier's Declaration of Conformity for C-tick Mark (Australia)
- IEC60950-1 CB TEST CERTIFICATE

Integrated Fiery Colour Server Ex-i and EX Print Server

The purpose of this section is to provide information about the capabilities and potential limitations of both the Integrated Fiery Color Server and the EX Print Server, Powered by Fiery, when connected to the Color C60/C70 Printer.
Please see the "Fiery Customer Release Notes" document for the Xerox Color C60/C70 Printer for additional information and details concerning Adobe PDF Print Engine, and Fiery Server software usage tips.

System start-up

When powering up your Color C60/C70 Printer System the server should be started up first and the print engine immediately after. With the EX-i Print Server, after the Fiery first connects to the print engine, whenever the engine is powered up and down the Fiery will power up and down with it. This ensures that the print engine and server will synchronize correctly. This does not happen with the EX Print Server. The EX Print Server should be powered on before powering up the Color C60/C70 Printer.

System Hardware

The chart on page 31 is a guide of hardware specifications matched to the Color C60/C70 Printer. Minor hardware variations within the model may occur as upgrades take place in the manufacturing process. Any difference in the delivered product will provide functional equivalence to the performance and feature set described herein.

Support

Software and hardware support of your print server is provided by Fuji Xerox under the term and conditions within a Full Service and Maintenance Agreement.

Surge Protection

Fuji Xerox recommends protecting the Fiery™ Print Servers from surges or spikes in electrical power that can damage the server and result in extended downtime. In areas that tend to experience brownouts or blackouts with more frequency, installation of an Uninterruptible Power Supply (UPS) is suggested. This protection is the responsibility of the customer. A surge protector is strongly recommended for the network controller installation. This should be provided by the customer.

Microsoft Windows Certificate of Authenticity (COA)

Microsoft Windows 10 Professional License is part of the EX Print Server. Every EX Print Server includes "System Software" DVD's, a "User Software" DVD, DVD's containing the Windows 10 Pro operating system and a "User Documentation" CD. It also includes an individual Windows 10 Professional Certificate of Authenticity (COA) license number that is preprinted on a label placed on the back cover of the EX Print Server. It is the responsibility of the customer to place the booklet and all software DVD/CDs in a secure, but accessible area. The System Software DVD and User Software DVD along with the license number might be required when performing a "complete EX Print Server software installation. The Fuji Xerox Service Representative will use the DVDs and the license in case a full system software re-installation is recommended.
 EX Print Server may make available system updates to the operating system. These are downloadable from the EX Print Server and are customer installable.
The Integrated Fiery Color Server is run on Linux. There is no Windows Certificate of Authenticity (COA) license number.

Note: If the license is lost or misplaced, the customer will be required to purchase a replacement license at his or her own expense.

Environmental and Electrical Requirements

See chart on page 31 for electrical requirements that are matched to your Fiery Print Server.

Note: Both the EX Print Server, Powered by Fiery and the Integrated Fiery Color Server EX-i require an electrical outlet; they are not powered by the print engine.

Space Requirements

Space requirements for the full system are listed earlier in this document

To enable a Fuji Xerox Service Representative to safely repair the server, the work area must measure at least 91.44 cm square around the server.

The work surface of the network controller must not infringe on the space requirements by the print engine and any attached accessories unless the work surface is a table that has wheels and can easily be moved. Refer to the print engine's Customer Expectation Document.

There must be a minimum of 198.12 cm clearance from the floor to the nearest overhead obstructions.

All standard Fuji Xerox space requirements apply to this installation including overhead, shared, aisle or hallway, and operator space. The customer is responsible to provide appropriate floor spacing and placement surface.

Storage and future availability of software that ships with the colour server is a customer responsibility. Fuji Xerox personnel do not carry replacement materials.

Note: Power cords for the EX Print Server and the Integrated Fiery Color Server EX-i are approximately 2.3 meters in length.

Specifications

Xerox Fiery™ Print Server		
Features\ Model	Integrated Fiery Colour Server EXi	EX Print Server
Software Level	v 2.0	v 2.0
HARDWARE		
Processors	Intel® Pentium® Processor G1820, 2.7 GHZ	Intel® Core i5-2400, 4Core, PRO80-IV, 3.1 GHz
Motherboard/Platform	H81 (Haswell)	Q87 Express
Platform OS	Linux	Windows 10 Professional
System Memory (Minimum)	2 GB	4 GB
Hard Drives (Minimum)	500 GB	1 TB
DVD Drive	No	DVD R/W
Serial Interface	No	No
USB Interfaces	6	9
Monitor Size	n/a	22" Flat Panel (with Stand option)
Fiery S/W	FS200	FS200Pro
Stand	No	Included
Removable Hard drive	No	Optional
Electrical	220 – 240v 10 A 50Hz 100 W (typical)	220-240v 10 A, 50Hz, 100 W (typical)
Height (mm)	93	528
Width (mm)	272	235
Depth (mm)	295	464
Weight (Kgs)	5.6	17
Stand		
Height (mm)	n/a	1,665
Width (mm)	n/a	800
Depth (mm)	n/a	866
Weight (Kgs)	n/a	45

Running Antivirus Software

The EX Print Server has not provided testing on any specific anti-virus software. One should refer to the user documentation on how best to choose appropriate antivirus software and what settings should or should not be enabled on the EX Print Server .
Commercially available software programs (with the exception of Virus Protection Software) should not be loaded onto the EX Print Server. Additional programs will limit the available disk space the color server requires to operate efficiently.

The EXi Print Server is run on a Linux platform that is a dedicated OS to run only on the Fiery Server. Loading antivirus software may not perform properly if loaded on the Print Server. This dedicated OS is not vulnerable as a general Linux OS.

Security

Security threats are defined as issues that compromise the integrity of the system, hampering the integrity of job data, compromising secured feature access, or allowing unauthorized data access. The recommends installation of network devices be done in accordance with existing security paradigms. The Fiery™ Print Server core software includes security features. To create a more secure network environment, end-users will need to combine the Fiery™ Print Servers' security features with other security safeguards.
Both the Integrated Fiery Color Server for the Color C60/C70 Printer and the EX Print Server, Powered by Fiery® for the Color C60/C70 Printer contain Secure Erase to ensure the safety of the data on the server hard drive.

- This feature is *enabled* by default on the EX-i Integrated Fiery Color Server, and may impact productivity rates. Settings can be modified to reduce this impact.

- This feature is *disabled* by default on the EX Print Server, but can be enabled by adjusting your settings.

Some IT communities may request a Level of Volatility [LOV]. This document is available. Ask your sales representative for further details.

Non-standard Paper Size Support

The Color C60/C70 Printer supports non-standard paper sizes. However, due to rounding and unit conversions that occur in the client applications, print server, and printer, some mismatch may occur between the paper size entered at the application and the paper size that must be entered at the printer. The operator may need to adjust the entered paper dimensions by up to 2.5 mm in order for the printer to detect that the requested paper size has been loaded. In addition, the printer interprets some paper sizes included in the PPD as non-standard sizes.

Customer Service and Support

Periodically, Xerox will make available bug fixes and other software releases. Some of these bug fixes and upgrades are designed to be customer installable. Bug fixes in the form of software patches can be obtained from EFI.com/Xerox.com or by enabling automatic updates. Future upgrades may have costs associated with them.

Software Replacement

If lost, or misplaced, replacement software and documentation is available to be purchased. You can work with your local Fuji Xerox Representative. Fuji Xerox personnel may not be able to provide services unless these materials are available.

Adobe PDF Print Engine

The EX Print Server now supports APPE* v3.0 (Adobe PDF Print Engine) offering native end-to-end pdf workflows. This technology provides important features:

- Improves the consistency and flexibility of PDF output from design to print. Supports live transparency and spot color overprinting rendering.

- Adobe Common Rendering Engine (ACR): Adobe Creative Suite and RIP technologies now use a single rendering engine.

The EX Print Server can process CPSI and APPE workflows simultaneously, ensuring all jobs will meet customer demands, appearance and performance.
* APPE is not available on the Xerox Integrated Fiery Color EX-i Server.

File Creation

Even with the ability to process files through the Adobe PDF Print Engine there can be variations in processing times and color when comparing this to the traditional CPSI PostScript pathway. It is always best to create files appropriate for the intended production workflow. Image source color profiles, common color conversion working spaces, live vs. flattened transparency should all be considered prior to creation for best end results.
Images that are scaled and rotated to their appropriate angle, size and resolution prior to being placed in a design program will typically process better. Always refer to a design guide for advice.
Always read the full documentation and understand how PDFs affect color paths with the print engine. Adobe has several booklets available on PDF creation such as *How to Create the Perfect PDF*, and *Designer's Guide to Transparency for Print Output*. These documents are downloadable from Adobe's web site at http://www.adobe.com/studio/print/.

Supported File Formats

The following file formats are supported by both the EXi Integrated and EX Print Servers unless where noted:

- PostScript level 1, 2, or 3 per the PostScript language Reference Manual Supplement v3020 and PDFLib9.
- Adobe Portable Document Format version up to 1.7 (Acrobat 11).
- Supports native PDF processing.
- PCL 6/C (can be processed by both EFI servers but cannot be selected as an output from the driver)
- Jobs that have been RIPped
- EFI FreeForm 1, and FreeForm 2
- Xerox FreeFlow Variable Information Suite (VIPP) (EX only)
- Personalized Print Markup Language (PPML) Version 3.0 Graphic Arts subset. (EX only)
- Jobs submitted from Xerox FreeFlowTM Workflow Offerings.
- Desktop Color Separations (DCS) 2.0
- CT/LW
- TIFF, TIFF/IT, DCS2, JPEG
- Microsoft Native Formats (DOC, DOCX, XLS, XLSX, PUB, PPT) enabled through Fiery Hot Folders feature

Key Features and Considerations

The following features are available and operate per specification, unless otherwise noted in the customer documentation. Your operators will be trained in the use of these features.

Item	Fiery™ Print Server	Comments
Remote Operation (EX Print Server & Integrated Fiery Color Server)	- Command Workstation 5.x - Log into multiple servers. - Manipulate jobs from any connected server without having to look at separate applications, or separate windows. - Preview print jobs from several different servers at one time. - Constantly monitor activity on one selected server, or on all connected servers.	- Command Workstation is included. - Can run multiple color or monochrome systems from one central site - Client memory may limit the number of remote GUIs; 512 Mb minimum of memory required.
Fiery JDF (EX Print Server only)	- Enables Fiery integration with JDF workflow - Resides on Fiery Server	- IDP ICS Ticker Support - Product Intent Ticket - Job Media Handling - Job Information - Audits - Programmable Job Reporting - Finishing Capabilities
Calibration	- ColorCal - Standard, off the glass calibration with the Integrated Controller	
Booklet Maker 4.0 (EX Print Server only)	Easily create booklets in a user friendly environment without trying to program a job ticket.	EX Print Server also allows for Set page Device Visual Mapping
Passes both Altona Suite (EX Print Server & EXi Integrated Colour Server) Ghent Output Suite (EX Print Server)	- These are two different tests to help a printer comprehend how the Print Server manages color, PostScript Overprint and other common color print issues. - The tests suites test and verify both PDFX-1A and PDFX-3 capabilities. - The files are specially designed for testing digital output devices – primarily proofing systems as well as conventional and digital printing systems.	- In customer environments where tight color controls are requirements, and/or passing of the Altona Suite, Fogra Media Wedge and Ghent Suite, it is highly recommended to have EFI Profiler to help maintain color consistency. - More information on the Altona Test Suite can be found at: - http://www.altonatestsuite.de/en/index.php - More information on the Ghent Output Suite can be found at: - http://www.gwg.org/
Fogra Media Wedge (EX Print Server)	- The Fogra Media Wedge is a color proofing bar used to monitor and measure color. - It is a comparison tool, designed for checking digital proofs against print standards.	- To maintain tight consistency for this industry standard requires EFI Profiler to calibrate and profile engine. - Profiler is recommended to calibrate and profile both the monitor and press and to inspect and measure the output.

Item	Fiery™ Print Server	Comments
Mixed Media Support (EX Print Server)	- Dynamic media pulls - Recognizes the PostScript command for any stock-related parameter to enable mixed stock jobs - Supports imposed and non imposed	- Tabs are not supported with any imposed job - For imposed jobs, sheet size for that job is fixed and cannot be changed - Mixed media cannot be applied as a record-based attribute inside FreeForm™ jobs. - Mixed Media settings for FreeForm™ jobs must be applied to the variable component file.
Bi- Directional Paper Catalogue	Users may now push stock library on the IOT for selection on the EFI Printer Server User Interface. The user sends a csv file through the JDF to a predefined location on the EFI Printer Server system. The csv is automatically converted to a EFI Print Server format and replaces the Stock Library shown on the Paper Catalog tab under Resources. The Stock Library is then transferred to the printer for use during tray programming	Must have the latest C60/C70 software to enable use of Paper Catalogue
Tab Wizard/ Insert Tab Wizard (EX Print Server)	- Set up tabs sets and controls in an easy to use interface. - Can choose forward or reverse tabs and a set number of banks of tabs.	Tabs are defined by the stock library.
Security	- User password control - Fiery security (log-in) protocol makes shared locations accessible only to authorized users	- Included in all EFI Print Servers - Microsoft Windows 10 Pro operating system and security features are available on EX Print Server
Secure Erase	- The ability to rewrite the hard drive data three times to destroy data. - United States Department of Defense 5220.22M	Included in all EFI Print Servers

Purchasable Options

The following features are available as purchasable options on the Integrated Fiery Color Server and the EX Print Server unless otherwise noted. Speak to your Fuji Xerox Sales representative for more information.

Item	Includes	Comments
Fiery Color Profiler Suite	- A complete, integrated color management tool to ensure color quality control in the printing workflow. The flexible suite is based on EFI's color management solutions. - Color Profiler Suite consists of the following 3 functions: - Profile Creation - Profile Evaluation - Quality Assurance	- Generate Monitor & Printer Profiles, Create Device Links, Inspect & Edit profiles, - EFI Color Verifier - ES2000 Spectrophotometer hardware
Fiery Hot Folders/Virtual Printers	- The hot folder relieves the user of the repetitive task of configuring print settings for multiple jobs and allows the direct printing of files without need for an application. - Supports native printing through hot folders for Microsoft applications: Microsoft Word, Excel, Publisher and PowerPoint.	This functionality is standard on the EX Print Server and is optional for the EX-i Integrated Fiery Color Server.
Fiery Seequence Impose	- A WISIWIG tool to enable easy creation of imposition layouts. - Create unlimited user definable imposition templates. - Streamline the imposition process and eliminate repetitive tasks.	- Fiery Impose is standard for the EX Print Server and optional on the EXi Integrated Fiery Colour Server - Uses an additional license for full s/w functionality. - Additional licensing can be purchased for client use
Fiery SeeQuence Compose	- Preview and Edit Jobs easily - Compose provides a visual representation of the job so users can confirm the correctness of the job before printing, or modify it as necessary.	- Also handles last-minute editing of text and images with powerful PDF editing capabilities - SeeQuence Compose is an option for the EX Print Server only. - Uses an additional license for full s/w functionality.

Item	Includes	Comments
Fiery Graphic Arts Package Premium Edition (EX only)	• Image Viewer • Automatic Preflight • Postflight • 2-Color Print Mapping • Graphic Arts filters for Hot Folders, • Configurable Auto Trapping • Paper Simulation Editing • Halftone Simulation	• Not available for the EX-i Integrated Fiery Color Server.
Removable Hard Disk (EX only)	• Hardware to enable external hard disk drives.	• This kit will provide an external casing that will house all hard disk drives for the DFE. This will allow for the HDD's to be removed and locked up if desired. • Not available with EX-i Integrated Fiery Color Server.

Variable Information

If a customer is successfully running a FreeFlow Variable Information Suite 8.0 (Variable data Intelligent PostScript Printware) workflow, it will work similarly across the Xerox portfolio when using the efi™ Fiery Color Server. The same Fuji Xerox infrastructure in place today will support existing applications on the EX Print Server. VIPP is not supported on the EX-i Integrated Fiery Color Server.

Variable information is a very complex subject. Many variables exist that impact a file. File creation, emitters, PostScript code and type of server, are just a few of the things that will affect Variable Code. It is advisable to test a file prior to gain an understanding of any possible issues in the workflow. A Fuji Xerox Analyst can help in the process and there is always opportunity for a customer to correct and develop an efficient workflow to gain the best throughput.

Network Specifications for EX-i Integrated Fiery and EX Print Colour Servers

The Fiery Print Servers use the following protocols and frame types:
- TCP/IP; IPv4 & IPv6
- SNMP
- Bonjour
- AppleTalk
- Network Time Protocol
- 802.1x Authentication
- FTP
- SMTP
- DHCP

Printing Services

The EX Print Server supports the following printing services:
- LPD (Line Printer Daemon) — Allows printing in TCP/IP networks using an LPR client and supporting RFC 1179, the Berkeley LPR protocol. Supports direct socket interface via port 9100.
- PAP (Printer Access Protocol)— Allows printing in AppleTalk networks.
- NetBIOS printing and file sharing over TCP/IP
- NFS file sharing
- SMB (Server Message Block) — Allows printing in Windows networks over TCP/ IP.
- Port 9100 — Supports direct socket interface through direct, print and hold queues. Note: Disabling the Port 9100 service also disables the associated IP ports
- FTP Printing —Supports printing from an FTP client to the Fiery.
- IPP Support — Internet Printing Protocol (IPP) is an application level protocol that can be used for distributed printing using Internet tools and technologies. This would allow end-user to print to a remote printer on the Internet, as if it were attached to its local area network, by specifying the URL. IPP uses HTTP protocol to provide the underlying communication between the client and the server.

Note: Disabling the IPP service also blocks port 631.

- Direct Mobile Printing —allows printing from Mobile devices such as iPhone, IPad and iPod touch
- PrintMe Cloud Printing --- allows users to upload a file to the PrintMe cloud service and then print the document from the printer UI.
- WSD (Web Services for Devices) Printing – allows printing from Windows 7 or later computers, as well as Windows 8 based tablets.
- Email Client – allows for printing through email.

Client Specifications

Macintosh

- Operating system: OS 10.7 or higher
- Protocols: AppleTalk, TCP/IP, Bonjour.
- Memory: A minimum of 512 MB (1GB is recommended)
- HDD space: A minimum of 500MB (1 GB recommended)

PC

- Required platform: PC platform capable of running supported operating system
- Windows 10 (32 and 64 bit);Windows 8.1 (32 and 64-bit), Windows 8.0 (32 and 64bit) , Windows 7 (32 and 64-bit), Windows Server 2008 (32 and 64-bit), Windows Server 2008 R2 (64-bit), and Windows Server 2012 R2 (64-bit)
- Protocols: TCP/IP, NetBEUI
- Recommended memory: Minimum of 500 MB (2 GB recommended)
- Recommended HDD space: Minimum of 1 GB (2 GB recommended)

UNIX

- A workstation with standard TCP/IP connectivity
- TCP/IP printing software that conforms to RFC1179 (Berkeley lpd protocol)

PPDs and Print Drivers

PPDs are provided for PC and Macintosh Clients. Print Server print drivers are WHQL certified.   Please refer to the user's manual for further installation information. PCL Fiery Drivers are not included.

Fiery System Software Limitations

Please refer to the link below for Fiery System and Print Server Limitations:

http://services.efi.com/support/vfigs/9019710383/

Business Validation Document

The Business Validation Document attached to the end of this document will be used to ensure the site requirements are met, prior to product installation. The BVD will be completed by a Fuji Xerox representative.

File number:

Customer Name:

Proposed Digital Front End (RIP):

Order Number:

Reference Material:

This Document is to be utilised and cross-referenced in conjunction with the Fuji Xerox Color C60/C70 Printer Customer Expectation Document.

Customer Expectation Document: Version:

Please forward a copy to TSC – Production (ATP) - Email: TSCProduction@aus.fujixerox.com

*B*usiness *V*alidation

*D*ocument

Color C60/C70 Printer

Customer:

| Name | Title | Signature |

Date:

Sales Person:

| Name | Title | Signature |

Date:

☐ *Crew Visit Required* (if checked, Analyst Coordinator to organise)

The customer acknowledges that they have read and understood the Customer Expectation Document

Customer Initials

CSO-FN-BVD-051
December 2008

1. General Information

Company _____

Address _____

Suburb _____ State _____ Post code _____

Contact _____ Phone / Fax _____

System Administrator _____ Phone / Fax _____

Business type: ☐ Printer ☐ Pre-Press ☐ Copy Centre ☐ Corporate ☐ Other _____

Software Applications (Word / Xpress) _____

2. General Site Requirements Checklist

Yes ☐ No ☐ Customer is aware that all installations are of a Non-Moveable configuration only, this includes equipment installed on concrete floors

Yes ☐ No ☐ The person responsible for the network from an IT perspective will be present at the time of install.

Yes ☐ No ☐ Equipment will be delivered on ground floor *(If no, please review Stair Climbing/Crane Check List below)*

3. Stair Climbing / Crane Check List

Yes ☐ No ☐ Will the equipment be delivered to any location "other than" the street level floor? If the answer is no, no need to stair climb. If the answer is yes, continue with this section.

Yes ☐ No ☐ Is there an elevator that will accommodate the weight and dimensions of the IOT and delivery personnel? If the answer is yes, no need to stair climb. If the answer is no, please continue with this form. *IOT weight = 2205 pounds or 1000 kg, IOT dimensions = 1220mm Width x 750mm Depth, x 971.5mm Height.*

Yes ☐ No ☐ Is the staircase wide enough to accommodate the stair climber and the IOT or other modules? If the answer is yes, continue with this form. If the answer is no, the IOT must be brought into the install location by crane. *IOT dimensions = 1220mm Width x 750mm Depth, x 971.5mm Height. Paper trays 1/2 module dimensions = 1063mm Width x 762mm Depth x 971.5mm Height.*

Yes ☐ No ☐ Are there any permanent overhead obstructions along the staircase? If the answer is no, continue with this form. If the answer is yes, measure from the bottom of the obstruction to the corner of the step just below (where the riser meets the tread). This measurement must allow clearance of the stair climber, the IOT or paper handler and blankets. *For the IOT, this measurement must measure 1220mm, plus allow for clearance between the top of the step to the bottom of the obstruction. For the paper handler, this measurement must allow for clearance between the top of the step and the bottom of the obstruction.* If the measurement allows clearance, continue with this form. If the measurement does not allow clearance, the IOT or paper handler must be brought into the install location by crane.

Yes ☐ No ☐ Can the doorways at the top and bottom of the staircase accommodate the dimensions of the IOT? If the answer is yes, the equipment can be stair climbed. Please check the "stair climbing equipment required for delivery" box below. If the answer is no, the doorways must be enlarged to allow for passage of the IOT or the paper handler or the equipment must be brought into the install location by crane.
If after completing all the questions in this section, it is determined that the equipment can be stair climbed or craned check the relevant box.
STAIRCLIMBING EQUIPMENT REQUIRED FOR DELIVERY ☐
CRANE EQUIPMENT REQUIRED FOR DELIVERY ☐

4. Notes: Site Alteration / Furniture / Equipment Relocation

5. Required Service Coverage:

☐ Standard _____ ☐ Stand-by _____ ☐ Other _____

Specify: _____