

THE DOCUMENT COMPANY

XEROX[®]

Xerox Nuvera[™]
Digital Production System

Finishing

Solutions Planning Guide

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Global Knowledge & Language Services
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1. Introduction

The Solutions Planning Guide contains information on how to prepare for the installation of In-line and Off-line Finishing Devices to the Nuvera Digital Production System.

About this guide

This guide will provide the Analyst and the coordinating Customer with pre-installation tasks for the specific Finishing Device to be installed. The information provided in this guide covers the following Finishing Devices:

- Xerox Finisher Transport Module (FTM)
- Xerox Document Stacker (DS5000)
- Xerox SquareFold™ Booklet Maker (SQFBM) with optional Cover Insertion Module (CIM)
- Xerox Document Binder 120-D (DB 120-D)
- C.P. Bourg Document Finisher (BDFx) with optional Bourg Cover Feeder (BCFx) and Square Edge module (SQEDG)
- GBC Fusion Punch II (FP II) with Offset Stacker
- Standard Horizon Perfect Binder BQ-270x (BQ-270x)
- Powis Parker Fastback® Model 15xs

Contents

This section lists the contents of this guide:

- Introduction - provides information about the use of this Guide and it also lists the different Finishing Devices.
- Product Overview– provides a Product Overview, Performance Specifications and Device / System Limitations.
- System Dependencies – lists what component elements and upgrades are required.
- Configuration Guide - lists the various approved Finishing Solution Configurations available.
- Install Planning- contains Space, Electrical and Environmental requirements, for the different Finishing Devices.
- Unique Features Set – provides information on each device unique features.
- Customer Agreement – contains the Customer Agreement form.

Note: For Document Finishing Architecture (DFA) profiles please refer to the Nuvera DFA Resource Guide.

2. Xerox Finishing Transport Module (FTM)

This section will provide you with the features and capabilities of the Finishing Transport Module.

Product Overview

The Finishing Transport Module enables in-line finishing by providing document transport capability and full DFA Level 1 support to DFA compliant finishing devices.

Other features:

- Offers Dual DFA Exit Heights for flexible linking.
- Delivers Center or Edge registered output
- Provides 3 different output speeds to maximize Finishing throughput capability
- Includes built-in Sheet Rotator to maintain productivity

Performance Specifications

Listed below are the Performance Specifications for the Finishing Transport Module.

Punching	Specifications
Paper Size	Top Tray: 5.5" x 8.27" (140 x 210 mm) – 12.6" x 18.5" (320 x 470 mm) Bypass with rotation: 7" x 10" (178 x 254 mm) – 12.6" x 14.3" (320 x 363 mm) Bypass without rotation: 5.5" x 8.27" (140 x 210 mm) – 12.6" x 18.5" (320 x 470 mm)
Top Tray Capacity	250 (20 lb. Bond / 75 gsm)
Output Height	34" (860 mm) and 40.2" (1021 mm)
Input Height	34" (860 mm)

Limitations

- Some marking may occur on recommended gloss coated stocks with greater than 70% area coverage.

System Dependencies and Prerequisites

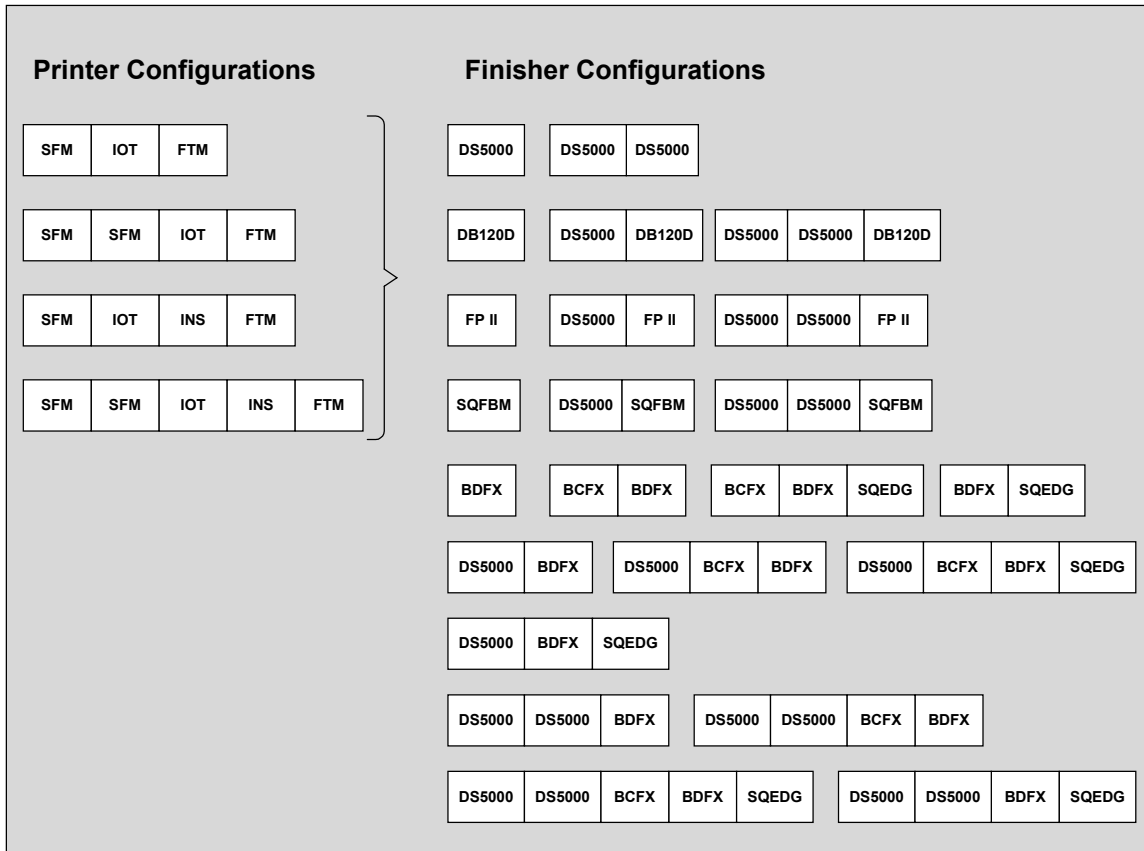
Listed below are the dependencies and prerequisites for installing the FTM in-line with the Nuvera Digital Production System.

- The Finisher Transport Module is required for in-line connectivity to the printer.

Note: In case the floor at the customer site is very uneven, it is recommended that the Nuvera IOT is installed and leveled with a Caster Leveling Kit (kit number 498K07900).

Configuration Guide

The diagram below identifies the different printer and finishing solutions that are currently supported.



Install Planning

This Install Planning guide will help you prepare for the installation of the Finisher Transport Module.

Device Configurations

The Finisher Transport module components are:

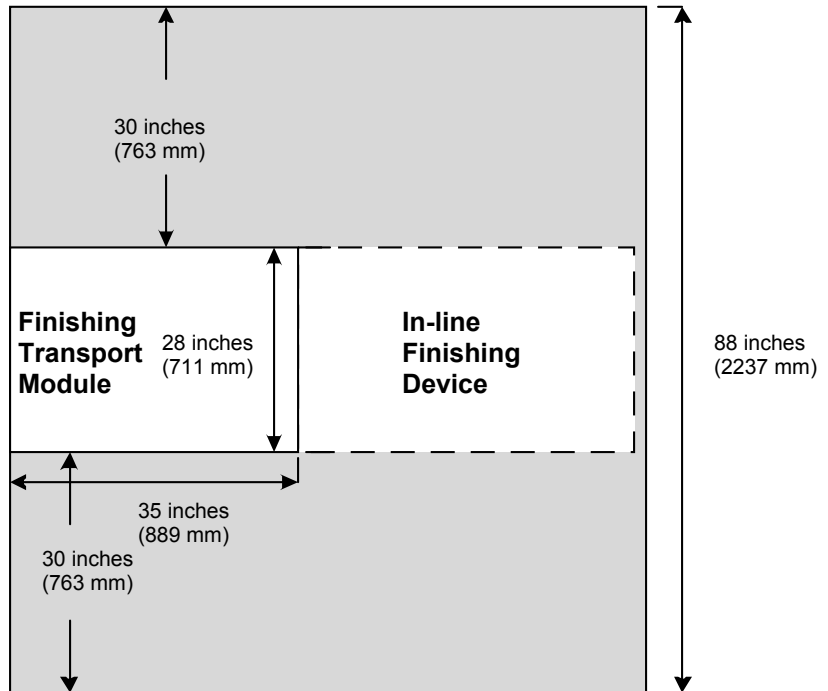
- Finisher Transport Module, including built-in sheet rotator

Space Requirements

The space requirements illustration provides machine footprint as well as the overall operating and maintenance area.

In addition to the diagram below, there should be a minimum of 78 inches (1,981mm) clearance from the floor to the nearest overhead obstruction.

Note: The FTM does not need any operating or maintenance space on the right side of it as it will connect directly with a downstream in-line Finishing Device.



Note: The space requirements diagram for the FTM is a representation only and not drawn to scale.

Dimensions	Finishing Transport Module
Width x Depth x Height	35" x 28" x 44.6" 889 mm x 711.2 mm x 1133 mm
Shipping Dimensions	46" x 35.4" x 55"
Width x Depth x Height	1170 mm x 900 mm x 1400 mm
Weight	389 lbs (176 kg)
Shipping Weight	423 lbs (192 kg)
Operator Clearance	Minimum 24" (609.6mm) in front of the device
Service Clearance	Minimum 30" (763 mm) on all sides of the device
Bypass Output Heights	34" (860 mm) and 40.2" (1021 mm)

Electrical Requirements

Device	North America	Europe
FTM Power	120 VAC (+/- 10%), 60 Hz, 7.5A	220 VAC (+/- 10%), 50 Hz, 3.5A

Environmental Requirements

Temperature	41 - 95° F (5 - 35°C)
Humidity	10 – 85% (non-condensing)
Heat Emission	1025 btu / hr
Sound Emission	57 db
Altitude	Minimum: -100 ft (-31 m) Maximum: 40,000 ft (12, 192 m)

Estimated Installation Time

The Xerox CSE installs the FTM and the estimated installation time is 4 hours.

Operating Supplies

There are no operating supplies for the FTM.

Customer Agreement

As a final step in the install planning you must complete the Customer Agreement form.

Devices

Check off the modules that will be part of this install:

- Xerox Finisher Transport Module _____

Primary Customer Applications

Record the primary customer applications:

Special Considerations / Limitations

Record any special considerations and / or limitations identified by Xerox and agreed to by the customer:

Upending / Stair Climbing

Upending and / or Stair Climbing Required and Reviewed:

Yes _____ Not Required _____

I have reviewed the solution expectations and understand the specifications and limitations for each of the modules that will be installed: (**Signature and Date**)

Customer _____

Xerox Sales Representative _____

Xerox Analyst Representative _____

Xerox Service Representative _____

3. Xerox Document Stacker 5000 (DS5000)

This section will provide you with the features and capabilities of the Document Stacker.

Product Overview

The DS5000 High Capacity Stacker provides long periods of unattended operation and facilitates the transport of accumulated offset stacks of printed output for post processing. The stacks are easily moved on one of two wheeled dollies supplied with each stacker. The DS5000 is DFA compatible to meet full productivity of the host printer. The stacker bypass capability allows for transporting output to other in-line 3rd party finishing devices. Up to two DS5000 stackers can be attached for convenient unloading while running production.

Performance Specifications

Listed below are the Performance Specifications for the Document Stacker 5000.

Stacking	Specifications
Paper Size / Weight	Paper Size: 7" x 10" (178 x 254 mm) – 12.6" x 18.5" (320 x 470 mm) Paper Weight: 16 lbs (60 gsm) – 110 lbs (200 gsm)
Capacity	Top Tray: 250 sheets 20 lbs (75 gsm) Stacker: 5,000 sheets 20 lbs (75 gsm) Max Stack Height: 18.3" (465 mm)
Output Height	40.2" (1021 mm)
Input Height	40.2" (1021 mm)

Limitations

- A Finisher Transport Module is required for in-line connectivity to the printer.
- The stacker performance is dependent on the printer module decurler settings.

System Dependencies and Prerequisites

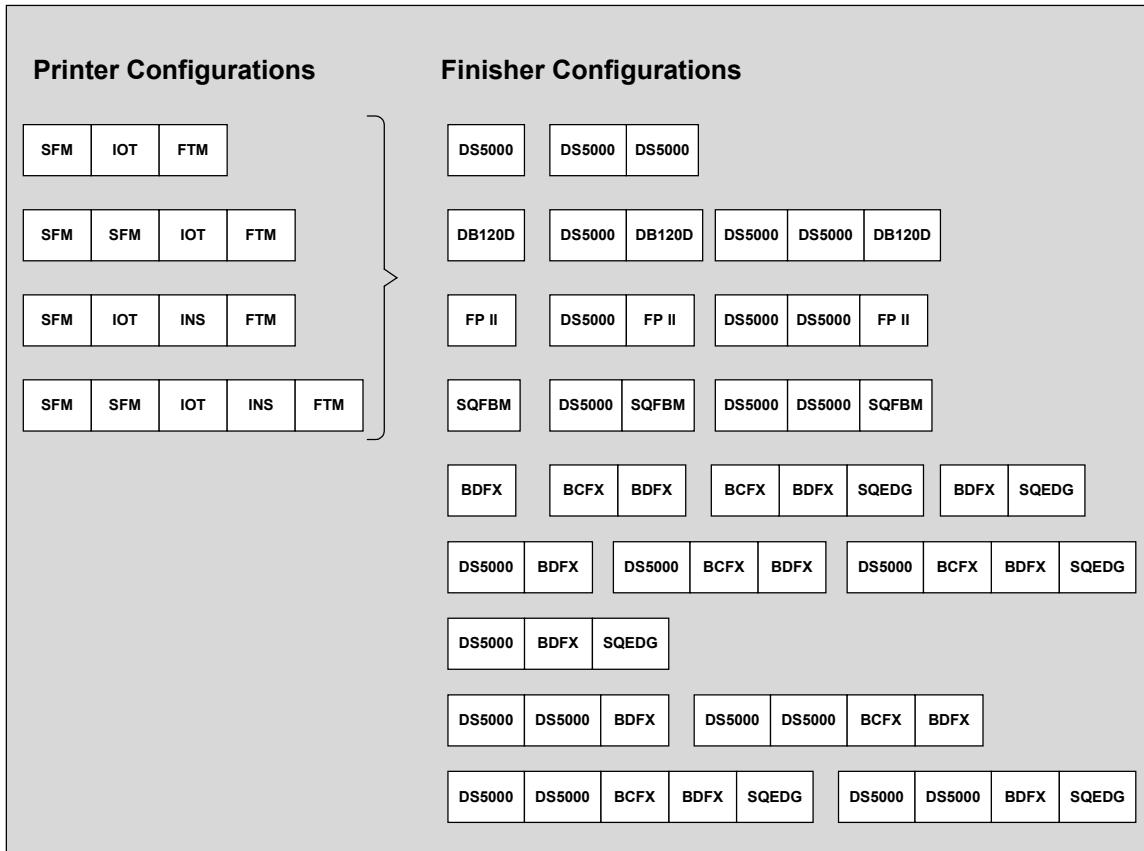
Listed below are the dependencies and prerequisites for installing the DS5000 in-line with the Nuvera Digital Production System.

- The Finisher Transport Module is required for in-line connectivity to the printer.

Note: In case the floor at the customer site is very uneven, it is recommended that the Nuvera IOT is installed and leveled with a Caster Leveling Kit (kit number 498K07900).

Configuration Guide

The diagram below identifies the different printer and finishing solutions that are currently supported.



Install Planning

This Install Planning guide will help you prepare for the installation of the Document Stacker 5000.

Device Configurations

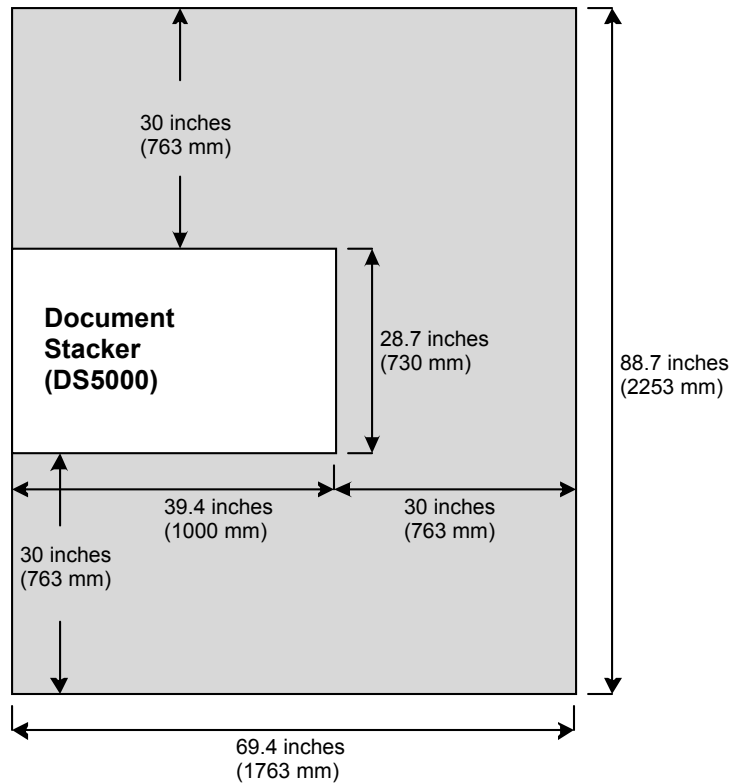
The Document Stacker 5000 components are:

- Document Stacker 5000 with 2 paper dollies

Space Requirements

The space requirements illustration provides machine footprint as well as the overall operating and maintenance area.

In addition to the diagram below, there should be a minimum of 78 inches (1,981mm) clearance from the floor to the nearest overhead obstruction.



Note: The space requirements diagram for the DS5000 is a representation only and not drawn to scale.

Dimensions	Document Stacker
Width x Depth x Height	39.4" x 28.7" x 47.2" 1000 mm x 730 mm x 1200 mm
Shipping Dimensions	47.2" x 31.5" x 55"
Width x Depth x Height	1200 mm x 800 mm x 1400 mm
Weight	429 lbs (195 kg) (includes 1 paper dolly)
Shipping Weight	661 lbs (300 kg)
Operator Clearance	Minimum 24" (609.6mm) in front of the device
Service Clearance	Minimum 30" (763 mm) on all sides of the device

Electrical Requirements

The recommended location of the electrical wall outlet is mounted on a rear wall behind the DS5000.

Device	North America	Europe
DS5000 Power	107 – 127 VAC (+/- 10%), 60 Hz, 15A (single phase) GFI Power Cord	220 – 240 VAC, (+/- 10%), 50 Hz, 13AmDPS/10A (line to neutral) GFI Power Cord

Environmental Requirements

Temperature	50 - 90° F (10 - 32°C)
Humidity	10 – 85%
Heat Emission	1700 btu / hr
Sound Emission	72 db
Altitude	No restrictions.

Estimated Installation Time

The Xerox CSE installs the DS5000 and the estimated installation time is 1.5 hour.

Operating Supplies

There are no operating supplies for the DS5000.

Customer Agreement

As a final step in the install planning you must complete the Customer Agreement form.

Devices

Check off the modules that will be part of this install:

- Xerox Document Stacker 5000 _____

Primary Customer Applications

Record the primary customer applications:

Special Considerations / Limitations

Record any special considerations and / or limitations identified by Xerox and agreed to by the customer:

Upending / Stair Climbing

Upending and / or Stair Climbing Required and Reviewed:

Yes _____ Not Required _____

I have reviewed the solution expectations and understand the specifications and limitations for each of the modules that will be installed: (**Signature and Date**)

Customer _____

Xerox Sales Representative _____

Xerox Analyst Representative _____

Xerox Service Representative _____

4. Xerox SquareFold™ BookletMaker (SQFBM) with optional Cover Insertion Module (CIM)

This section will provide you with the features and capabilities of the SquareFold BookletMaker and the optional Cover Insertion Module.

Product Overview

The Xerox SquareFold Booklet Maker (SQFBM) is a unique Xerox finishing product offering. The SQFBM has an additional SquareFold Module that flattens the edge of a saddle-stapled booklet to produce the look and feel of a perfect bound book.

SquareFold booklets stand upright on shelves for easy identification and retrieval, and they stack compactly to minimize shipping costs. For small size booklets sheets can be rotated in the Finishing Transport module.

The SQFBM is also offered with an optional Cover Insertion Module (CIM).

The SQFBM can top or corner stitch from 2 to 50 sheets, and it can also be used in the fold only mode.

Performance Specifications

Listed below are the Performance Specifications for the Square Fold Booklet Maker.

Stapling / Folding	Specifications
Paper Size / Weight	Paper Size: 8.5" x 11" (216 x 279 mm) – 12.25" x 18.2" (311 x 462 mm) Paper Weight: 16 lbs (60 gsm) – 110 lbs (200 gsm)
Output Booklet Sizes	5.5" x 8.5" (140 x 216 mm) – 8.5" x 11" (216 x 279 mm)
Stapling	Saddle stapling, 2 staple heads with 5,000 staples each
Capacity	Fold only: 1 sheet 20 lbs (75 gsm) Fold / Staple: 1 – 22 sheets 20 lbs (75 gsm) Square Fold: 6 – 22 sheets 20 lbs (75 gsm)
Input Height	34" (860 mm) and 40.2" (1021 mm)

CIM	Specifications
Insert Capacity	500 sheets: 20 lbs bond (75 gsm) or equivalent. Maximum Stack Height: 2.5" (63.5 mm)
Paper Weight	Paper Weight: 20 lbs (75 gsm) – 110 lbs index (200 gsm)

Limitations

- A Finisher Transport Module is required for in-line connectivity to the printer.
- A Xerox Document Stacker 5000 is highly recommended for stacking capability.
- When running greater than 20 lb (80 gsm) stock, the operator must ensure that the total booklet thickness is less than or equal to the thickness of a booklet with 22 sheets of 20 lb (80 gsm) stock.
- Staple position can vary up to 2 mm when being square folded, especially on thicker booklets. The staple position is not customer adjustable and a Service technician can adjust them only slightly.
- Currently coated stock is not recommended.

System Dependencies and Prerequisites

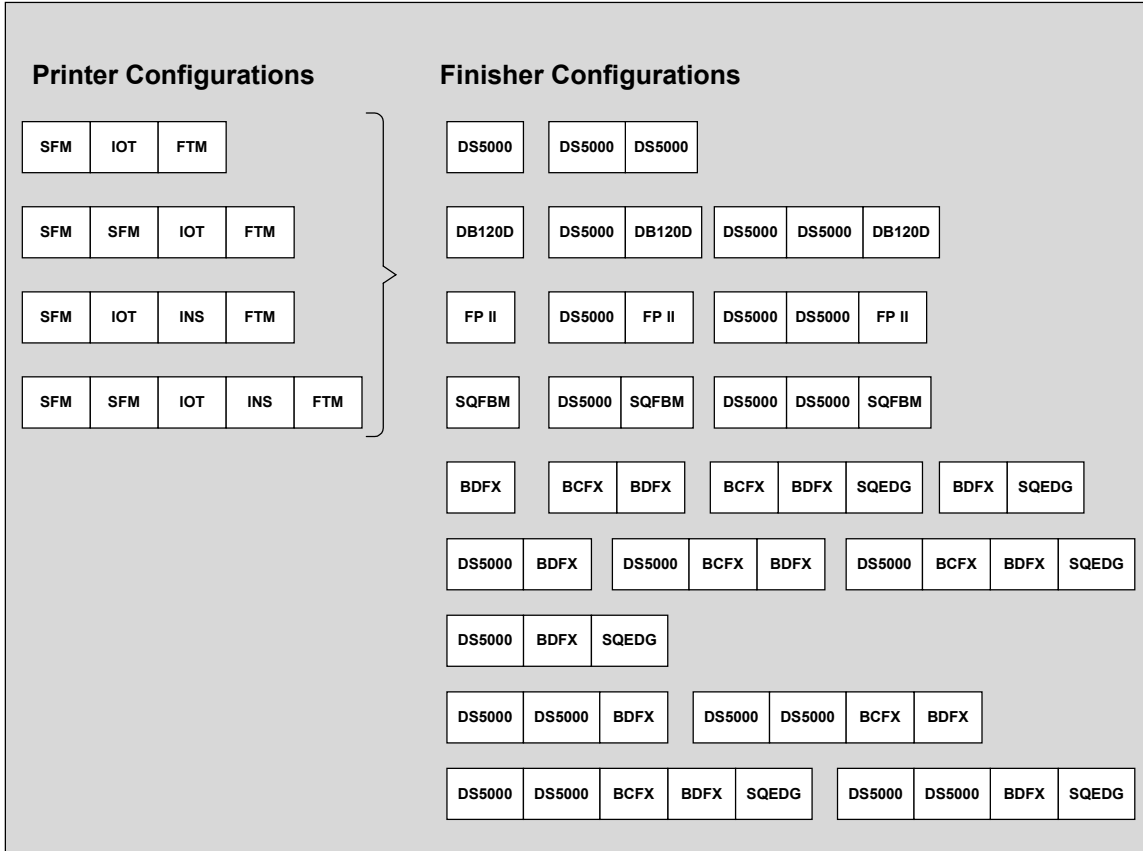
Listed below are the dependencies and prerequisites for installing the SQFBM in-line with the Nuvera Digital Production System.

- The Finisher Transport Module is required for in-line connectivity to the printer.
- A Xerox Document Stacker 5000 is highly recommended for stacking capability.
- If there is a transition of an existing SQFBM to the Nuvera Digital Production System, the SQFBM will require the Paper Handling Enhancement kit (606N0028) to be installed. This kit must be ordered by the CSE prior to the installation. Any newly installed SQFBM prior to serial number H9E005508 will need this kit as well.
- If a Covers Insertion Module will be installed on the SQFBM, a CIM Enablement Kit is required (product code MT0). This applies to existing and new SQFBM.

Note: In case the floor at the customer site is very uneven, it is recommended that the Nuvera IOT is installed and leveled with a Caster Leveling Kit (kit number 498K07900).

Configuration Guide

The diagram below identifies the different printer and finishing solutions that are currently supported.



Install Planning

This Install Planning guide will help you prepare for the installation of the Square Fold Booklet Maker.

Device Configurations

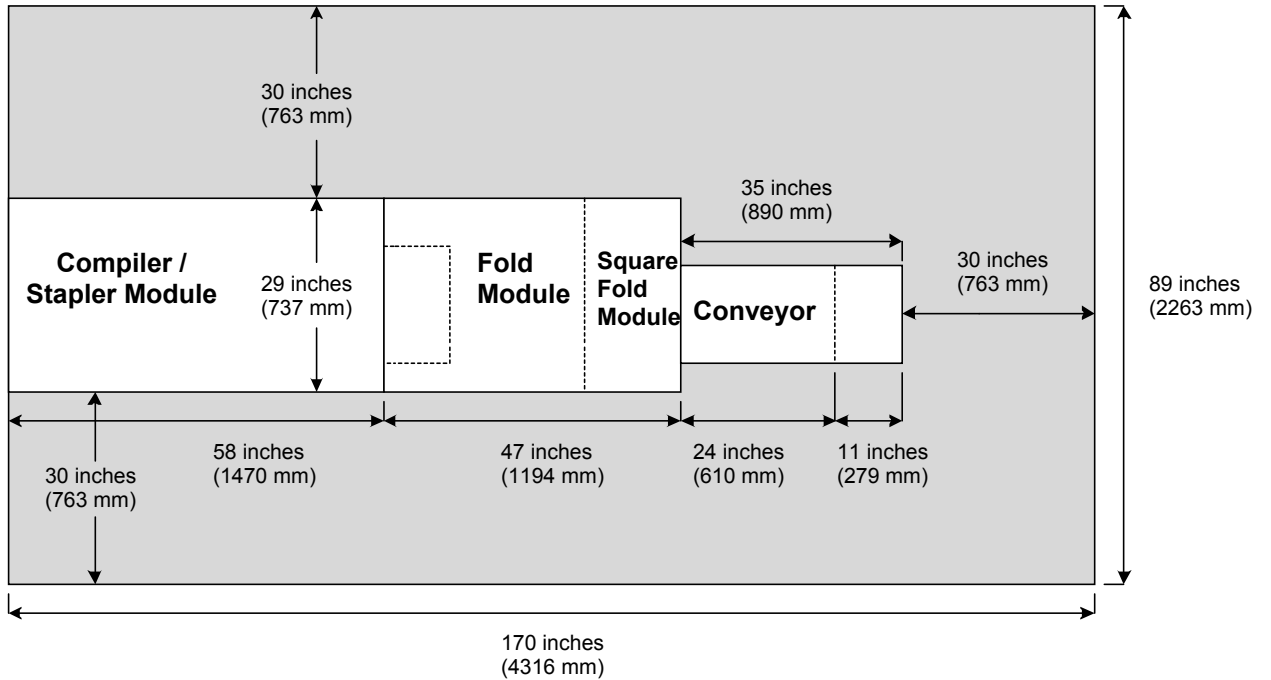
The Square Fold Booklet Maker components are:

- Compiler / Stapler Module, Folder Module and Square Fold Module with Conveyor
- Cover Insertion Module (CIM), **optional**

Space Requirements

The space requirements diagram provides machine footprint as well as the overall operating and maintenance area.

In addition to the diagram below, there should be a minimum of 78 inches (1,981mm) clearance from the floor to the nearest overhead obstruction.



Note: The space requirements diagram for the SQFBM is a representation only and not drawn to scale.

Dimensions	Compiler/Stapler Module	Fold Module	Square Fold Module	CIM (optional)
Width x Depth x Height	69" (including the Stacker) x 29" x 50" 1752 mm (including the Stacker) x 740 mm x 1270 mm	33" x 29" x 50" 838 mm x 740 mm x 1270 mm	14" (49" including Conveyor) x 29" x 50" 356 mm (1245 mm including Conveyor) x 740 mm x 1270 mm	29" x 32" x 16" 720 mm x 794 mm x 385 mm (CIM dimensions do not affect floor space.)
Shipping Dimensions Width x Depth x Height	78.8" x 35.4" x 59" 2000 mm x 900 mm x 1500 mm	63" x 35.4" x 59" 1600 mm x 900 mm x 1500 mm	55" x 31.5" x 29.5" 1400 mm x 800 mm x 750 mm	33.8" x 34.6" x 33" 860 mm x 880 mm x 840 mm
Weight	705 lbs (320 kg)	569 lbs (258 kg)	132 lbs (60 kg)	125 lbs (56.75 kg)
Shipping Weight	855 lbs (388 kg)	694 lbs (315 kg)	187 lbs (85 kg)	154 lbs (70 kg)
Operator Clearance	Minimum 24" (609.6mm) in front of the device	Minimum 24" (609.6mm) in front of the device	Minimum 24" (609.6mm) in front of the device	Minimum 24" (609.6mm) in front of the device
Service Clearance	Minimum 30" (763 mm) on all sides of the device	Minimum 30" (763 mm) on all sides of the device	Minimum 30" (763 mm) on all sides of the device	Minimum 30" (763 mm) on all sides of the device

Electrical Requirements

The recommended location of the electrical wall outlet, mounted on a rear wall is to be no more than 12 feet (3,65 m) away from the right rear corner of the Compiler / Stapler module.

Device	North America	Europe
Compiler/Stapler/Folder Power	107 – 127VAC, 60 Hz, 6A (Single phase) Power cord: 15 ft (4,572 mm)	220 - 240VAC, 50 Hz, 3A (Line to Neutral) Power cord: 15 ft (4,572 mm)
Square Fold Module Power	105 – 127VAC, 60 Hz, 6A (Single phase) Power cord: 15 ft (4,572 mm)	220 - 240VAC, 50 Hz, 3A (Line to Neutral) Power cord: 15 ft (4,572 mm)
CIM Power	103 – 122VAC, 60 Hz, 1.87A Power cord: 15 ft (4,572 mm)	185 – 254VAC, 50 Hz, 1.4A Power cord: 15 ft (4,572 mm)

Environmental Requirements

Environment	Square Fold Booklet Maker	Cover Insertion Module
Temperature	41 - 104° F (5 - 40°C)	60 - 85° F (15.5 – 29.4°C)
Humidity	30 – 95% relative humidity	15 – 85% relative humidity
Heat Emission	1198 btu / hr. (115V / 60Hz) 2150 btu / hr. (230V / 50Hz)	648 btu / hr. (115V / 60Hz) 860 btu / hr. (230V / 50Hz)
Sound Emission	64.7 db	TBD
Altitude	No restrictions.	Maximum: 6,000 ft (1,829m)

Estimated Installation Time

The Xerox CSE installs the SQFBM and the estimated installation time is 4 – 6 hours.

Operating Supplies

Each SQFBM is delivered with 2 Cartons of Staple Cartridges.

Description	Supply No.	Unit	Quantity / Unit
Staple Cartridge	8R12602	Carton (3 Cartridges / Carton)	5, 0000 staples / cartridge

The Xerox Supplies Marketing Center is available for ordering Xerox supplies, including paper and other throughput material. You can reach the Xerox Supplies Marketing Center using the following toll-free phone number:

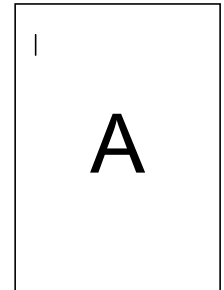
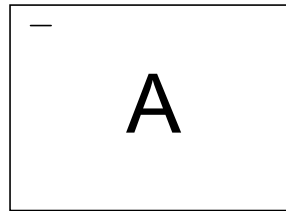
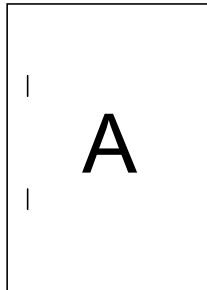
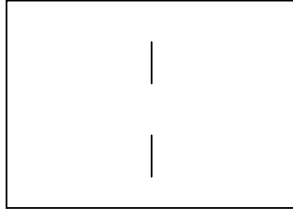
- United States 1-800-822-2200
- Canada 1-800-668-0199

For Europe, please visit the Xerox web site and select your country:

<http://www.xerox.com>

Unique Features Set

Listed below are diagrams of the various staple positions that the SQFBM can produce.



Customer Agreement

As a final step in the install planning you must complete the Customer Agreement form.

Devices

Check off the modules that will be part of this install:

- Xerox SquareFold™ Booklet Maker _____
- Xerox Cover Insertion Module (optional) _____

Primary Customer Applications

Record the primary customer applications:

Special Considerations / Limitations

Record any special considerations and / or limitations identified by Xerox and agreed to by the customer:

Upending / Stair Climbing

Upending and / or Stair Climbing Required and Reviewed:

Yes _____ Not Required _____

I have reviewed the solution expectations and understand the specifications and limitations for each of the modules that will be installed: **(Signature and Date)**

Customer _____

Xerox Sales Representative _____

Xerox Analyst Representative _____

Xerox Service Representative _____

5. C.P. Bourg BDFx Booklet Maker with optional Cover Feeder and Square Edge Module

This section will provide you with the features and capabilities of the Bourg Document Finisher and the optional Cover Feeder and Square Edge Module.

Product Overview

The C.P. Bourg BDFx is a fully automated signature booklet maker, which produces high quality saddle stitched booklets in-line. The optional cover insertion module can feed preprinted cover stock up to 250 gsm in sheet sizes up to 11" x 17" / A3.

The new Square Edge (SQEDG) Module option further expands its capability by offering an optional square edge spine.

The BDFx is also offered with an optional Cover Feeder Module (BCFx).

The BDFx can top or corner stitch from 2 to 50 sheets and it can also be used in the fold only mode.

Performance Specifications

Listed below are the Performance Specifications for the C.P. Bourg Document Finisher.

Media Latitude	Device	Specifications
Paper Type	BDFx / SQEDG	Uncoated Body Stock: 16 lb. Bond to 110lb Index (60 gsm to 200 gsm) Uncoated Cover Sheet: Uncoated 20lb to 10 pt cover (75 gsm to 300gsm)
	BCFx	Uncoated Cover Stock: 20 lb. Bond to 10 pt cover stock (80 gsm to 300 gsm)
Paper Size	BDFx	5.5" x 8.5" to 12.6" x 18.5" (140mm X 216mm to 320mm X 470mm) (*)
	W/BCFx or HCS	7" x 10" to 12.6" x 18.5" (179mm x 254mm to 320mm x 470mm) (*)
Booklet Sizes	BDFx / SQEDG	5.5" x 4.25" to 12.6 x 9.3" (140mm x 108mm to 320mm x 236mm) (*)
	W/BCFx	5" x 7" to 12.6" x 9.3" (127mm x 254mm to 320mm to 236mm) (*)
Stock Size Range – Edge Stapling	BDFx / SQEDG	5.5" x 8..25" to 11.625" x 14" (178mm x 203mm to 232mm x 356mm) (*)
	W/BCFx or HCS	8" x 10" (SEF) to 10" x 11.72" (LEF) (203mm x 254mm to 254mm x 298mm) (*)
Stitch Head	One to four stitch heads (Hohner or Acme)	
Sheet Capacity (Stitching)	Saddle Stitching: 2 – 22 sheets Edge / Top / Corner Stitching: 2 – 50 sheets	
Input Height	34" (860 mm) and 40.2" (1021 mm)	

(*) – Size may be limited by FTM or DS5000 pass-through capability.

Limitations

- A Finisher Transport Module is required for in-line connectivity to the printer.
- A Xerox Document Stacker 5000 is highly recommended for stacking capability.
- A slight Cover Feeder feed mechanism adjustment may be necessary when changing cover weights (lightweight stocks may require a more precise adjustment).
- An adjustment to the BCFx is needed when transferring the BCFx from an existing solution to a Nuvera Digital Production System.
- For 11" x 17" / A3 simplex single fold only documents, paper weight greater than 20 lb (80 gsm) are recommended.
- For 8.5" x 11" / A4 simplex single fold only documents, the **N-1 face up** orientation is required.
- Currently coated stock is not recommended.

System Dependencies and Prerequisites

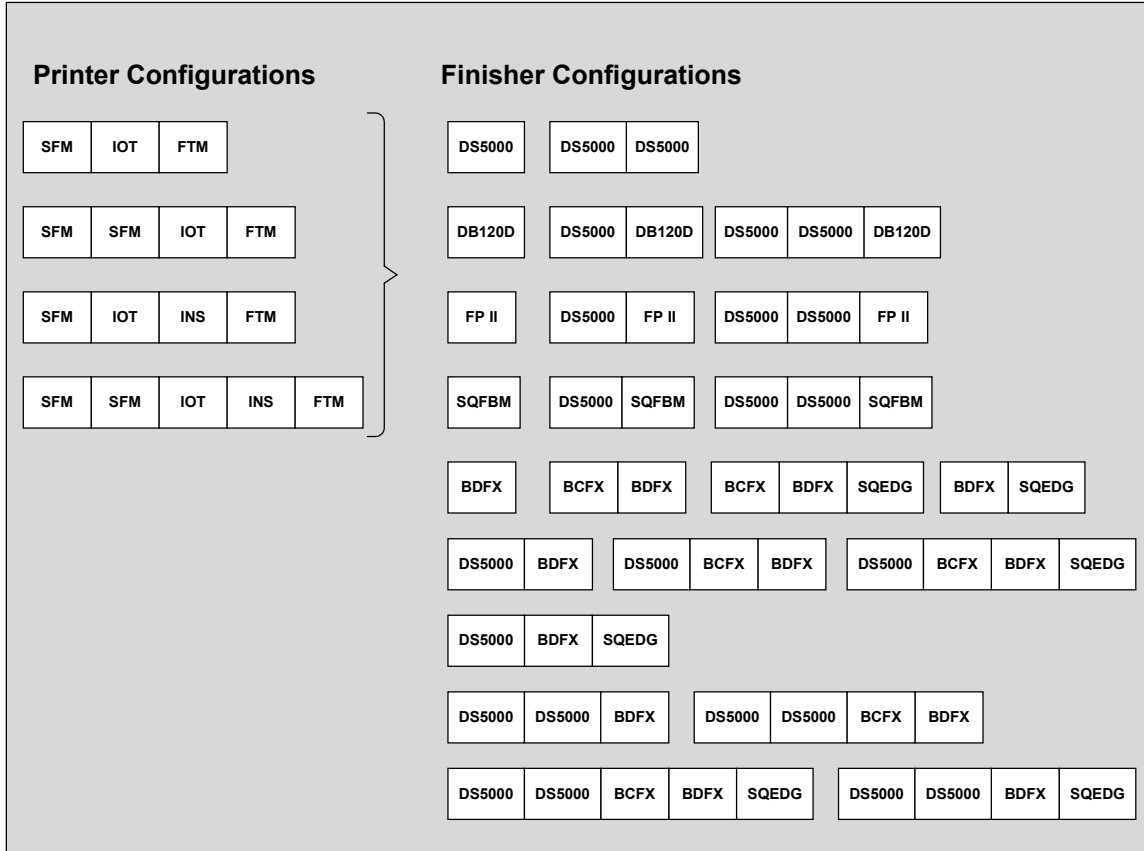
Listed below are the dependencies and prerequisites for installing the BDFx in-line with the Nuvera Digital Production System.

- The Finisher Transport Module is required for in-line connectivity to the printer.
- A Xerox Document Stacker 5000 is highly recommended for stacking capability.
- If there is a transition of an existing BDFx to a Nuvera Digital Production System, an upgrade is needed (only if the BDFx is equipped with a BCFx).

Note: In case the floor at the customer site is very uneven, it is recommended that the Nuvera IOT is installed and leveled with a Caster Leveling Kit (kit number 498K07900).

Configuration Guide

The diagram below identifies the different printer and finishing solutions that are currently supported.



Install Planning

This Install Planning guide will help you prepare for the installation of the Bourg Document Finisher X.

Device Configurations

The Bourg Document Finisher X components are:

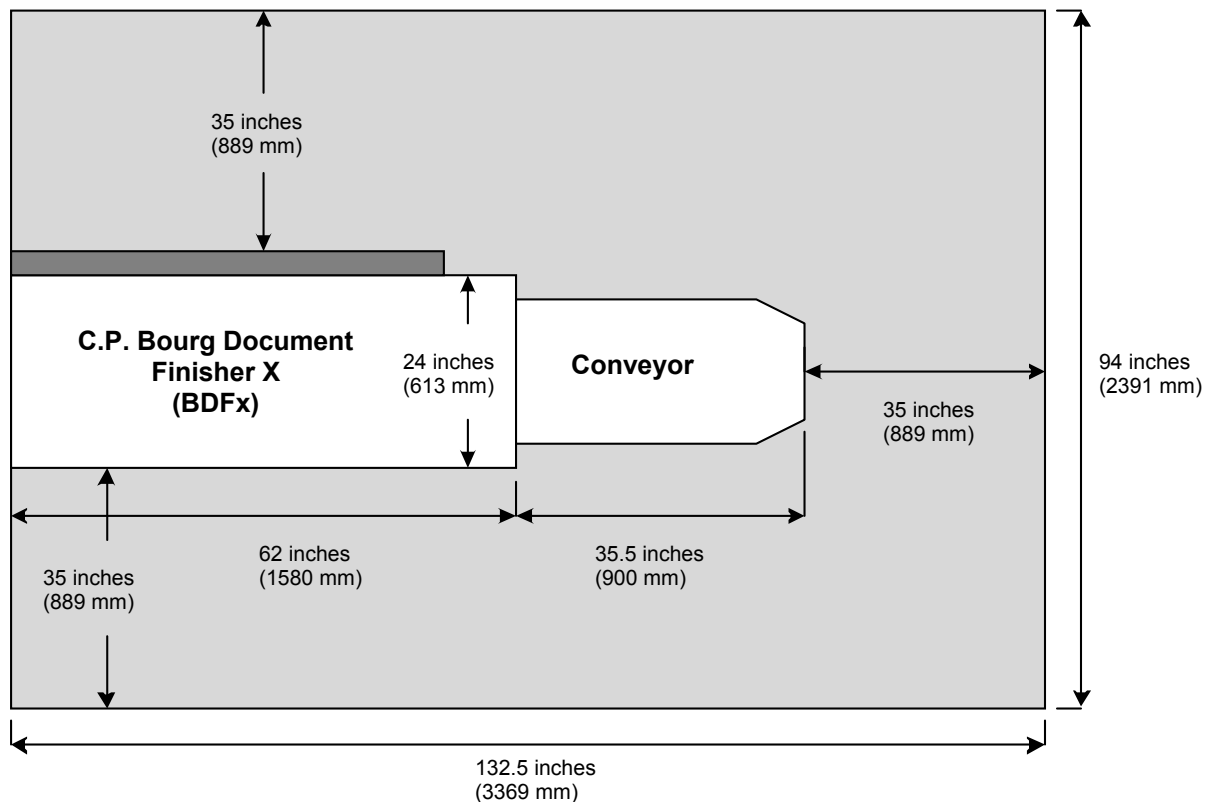
- BDFx with Conveyor
 - Bourg Cover Feeder X (BCFx), *optional*
 - Square Edge Module (SQEDG), *optional*

Space Requirements

The space requirements illustration provides machine footprint as well as the overall operating and maintenance area.

In addition to the diagram below, there should be a minimum of 82 inches (2.083 mm) clearance from the floor to the nearest overhead obstruction.

Note: If installing a BCFx with the BDFx, add dimensions from table on next page. If installing a SQEDG module, replace the Conveyor measurement with the SQEDG module dimensions from the table on the next page.



Note: The space requirements diagram for the BDFx is a representation only and not drawn to scale.

Dimensions	Bourg Document Finisher	Square Edge Module (optional)	Bourg Cover Feeder (optional)
Width x Depth x Height	97.5" x 24" x 71" 2480 mm x 739 mm x 1803 mm	28" x 29.5" x 49" 707 mm x 745 mm x 1242 mm	26.75" x 27" x 52" 680 mm x 687 mm x 1242 mm
Shipping Dimensions Width x Depth x Height	77" x 30" x 73" 1950 mm x 750 mm x 1850 mm	47.2" x 35.8" x 63" 1200 mm x 910 mm x 1600 mm	51" x 31.5" x 59" 1300 mm x 800 mm x 1500 mm
Weight	992 lbs (450 kg)	198 lbs (90 kg)	291 lbs (132 kg)
Shipping Weight	1235 lbs (560 kg)	507 lbs (230 kg)	264 lbs (120 kg)
Operator Clearance	Minimum 24" (609.6mm) in front of the device	Minimum 24" (609.6mm) in front of the device	Minimum 24" (609.6mm) in front of the device
Service Clearance	Minimum 35" on all sides of the device	Minimum 35" on all sides of the device	Minimum 35" on all sides of the device

Electrical Requirements

Device	North America	Europe
BDF-X Power	120 VAC (+/- 10%), 60 Hz, 10A	230 VAC (+/- 10%), 50 Hz, 7A
BCF-X Power	120 VAC (+/- 10%), 60 Hz, 5A	230 VAC (+/- 10%), 50 Hz, 3A
SQEDG Power	120 VAC (+/- 10%), 60 Hz, 5A	230 VAC (+/- 10%), 50 Hz, 3A

Environmental Requirements

Environment	BDFx / BCFx / SQEDG
Temperature	41 - 95° F (5 - 35°C)
Humidity	40 - 85%
Heat Emission	BDFx: 2560 btu / hr BCFx: 1590 btu / hr SQEDG: 2400 btu / hr
Sound Emission	72 db
Altitude	-100 ft. (-31m) to 40,000 ft. (12,192m)

Estimated Installation Time

C.P. Bourg installs the BDFx and the estimated installation time is 4 – 8 hours.

Operating Supplies

Each Bourg Document Finisher is delivered with 2 stitch heads. The machine can be upgraded with 1 or 2 additional stitch heads.

Supply No.	Description.	Quantity / Unit
9158017	Wire Cassette (Acme Stitch Heads)	50, 0000 stitches / cassette
9158018	Wire Spool (Hohner Stitch Heads)	50, 0000 stitches / spool

You can reach C.P. Bourg Customer Service using the following phone number:

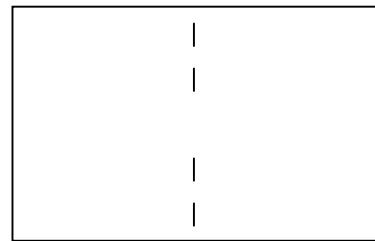
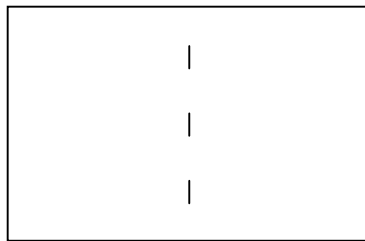
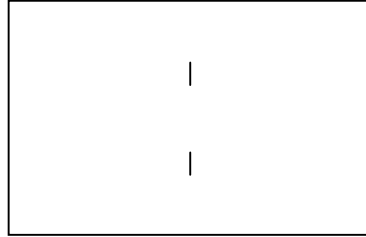
- United States and Canada: 1-508-998-2171

For Europe, please visit the C.P. Bourg web site and select your region:

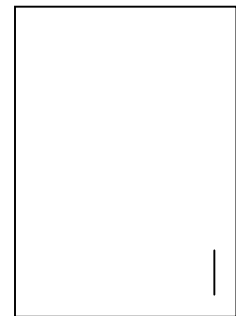
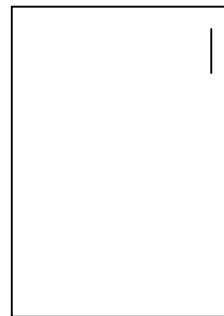
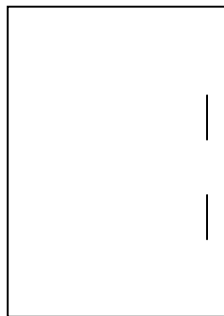
<http://www.cpbourg.com>

Unique Features Set

Listed below are diagrams of the various stitch positions that the BDF-X can produce.



Note: The BDFx is delivered with 2 stitch heads. A third and fourth stitch head must be ordered and installed to enable the 3 and four stitch options shown in the above diagram.



Customer Agreement

As a final step in the install planning you must complete the Customer Agreement form.

Devices

Check off the modules that will be part of this install:

- C.P. Bourg Document Finisher _____
- C.P. Bourg Cover Feeder (optional) _____
- C.P. Bourg Square Edge Module (optional) _____

Primary Customer Applications

Record the primary customer applications:

Special Considerations / Limitations

Record any special considerations and / or limitations identified by Xerox and agreed to by the customer:

Upending / Stair Climbing

Upending and / or Stair Climbing Required and Reviewed:

Yes _____ **Not Required** _____

I have reviewed the solution expectations and understand the specifications and limitations for each of the modules that will be installed: (**Signature and Date**)

Customer _____

Xerox Sales Representative _____

Xerox Analyst Representative _____

Xerox Service Representative _____

6. GBC Fusion Punch II with Offset Stacker (FP II)

This section will provide you with the features and capabilities of the Fusion Punch II and Offset Stacker.

Product Overview

The GBC Fusion Punch II provides in-line printer punching combining printing and punching into one step. Single sheets are punched and emerge ready to be finished into lay flat documents. These types of documents are typically bound with coil, wire or plastic comb binding and will lay flat when opened.

The Fusion Punch II can punch the long edge of an 8.5" x 11" / A4 or the short edge of an 11" x 17" / (279 mm x 432mm) sheet. A wide variety of hole-punch patterns are available. The die sets are lightweight, do not require setup adjustment time when changed and can be easily replaced by the operator.

The attached stacker can offset stack up to 2,500 sheets preparing each document for immediate binding.

Performance Specifications

Listed below are the Performance Specifications for the Fusion Punch II.

Punch / Stacker	Specifications
Paper Size / Weight	Paper Size: 7" x 10" (178 x 254 mm) – 11" x 17" (279 x 432 mm) Paper Weight: 16 lbs (60 gsm) – 90 lbs index (200 gsm)
Stacker Capacity	Stacker 2,500 sheets
Input Heights	34" (860 mm) and 40.2" (1021 mm)

Limitations

- A Finisher Transport Module is required for in-line connectivity to the printer.
 - A Xerox Document Stacker 5000 is recommended for stacking paper weights greater than 203 gsm and sizes smaller than 8.5" x 11" (216 x 279 mm) or larger than 11" x 17" (279 x 432 mm).
 - Punching is limited to 7" x 10" size up to 8.5" x 11" / A4, long edge and 11" x 17" / A3 short edge (including tabs).
 - The validated configuration is limited to the Fusion Punch II with a single offset stacker.
 - Coated stocks may mark; therefore, specific stocks should be tested before running.
-

System Dependencies and Prerequisites

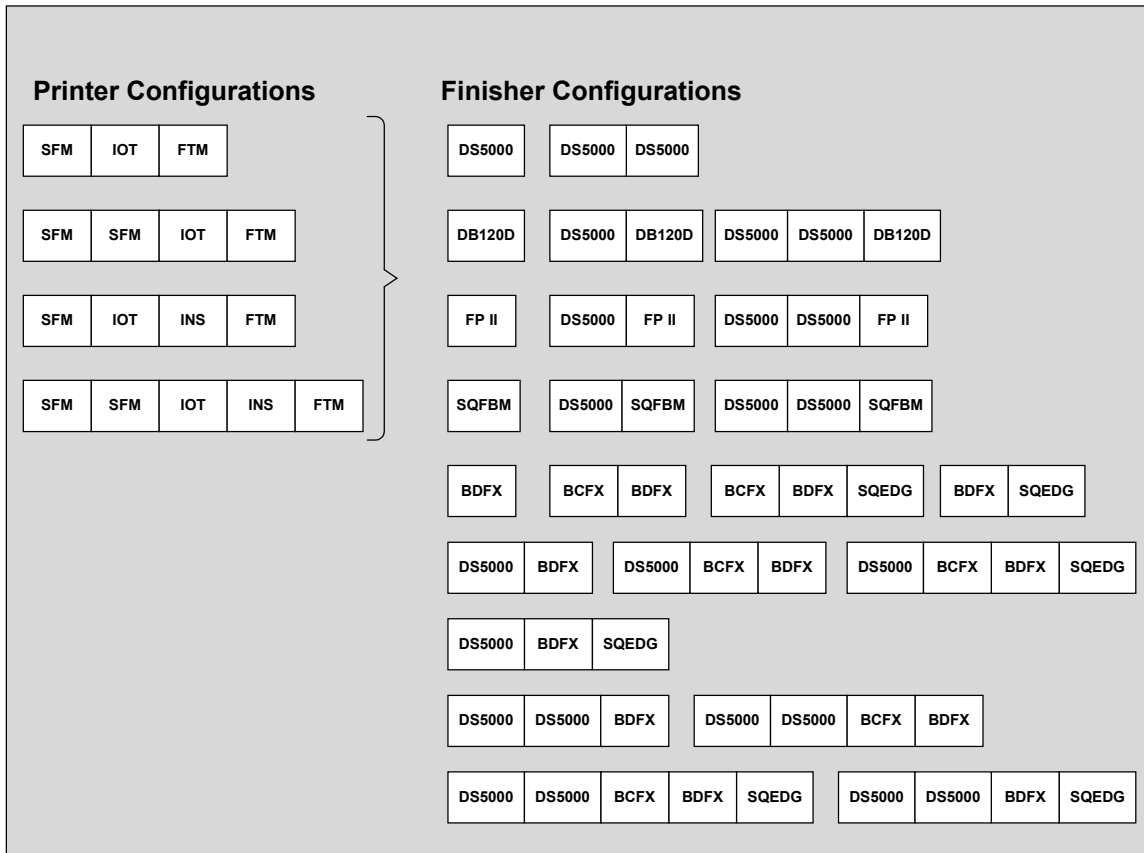
Listed below are the dependencies and prerequisites for installing the FP II in-line with the Nuvera Digital Production System.

- The Finisher Transport Module is required for in-line connectivity to the printer.
- A Xerox Document Stacker 5000 is recommended for stacking paper weights greater than 203 gsm and sizes smaller than 8.5" x 11" (216 x 279 mm) or larger than 11" x 17" (279 x 432 mm).
- If there is a transition of an existing FP II to a Nuvera Digital Production System, the FP II will require an upgrade.

Note: In case the floor at the customer site is very uneven, it is recommended that the Nuvera IOT is installed and leveled with a Caster Leveling Kit (kit number 498K07900).

Configuration Guide

The diagram below identifies the different printer and finishing solutions that are currently supported.



Install Planning

This Install Planning guide will help you prepare for the installation of the GBC Fusion Punch II.

Device Configurations

The GBC Fusion Punch II components are:

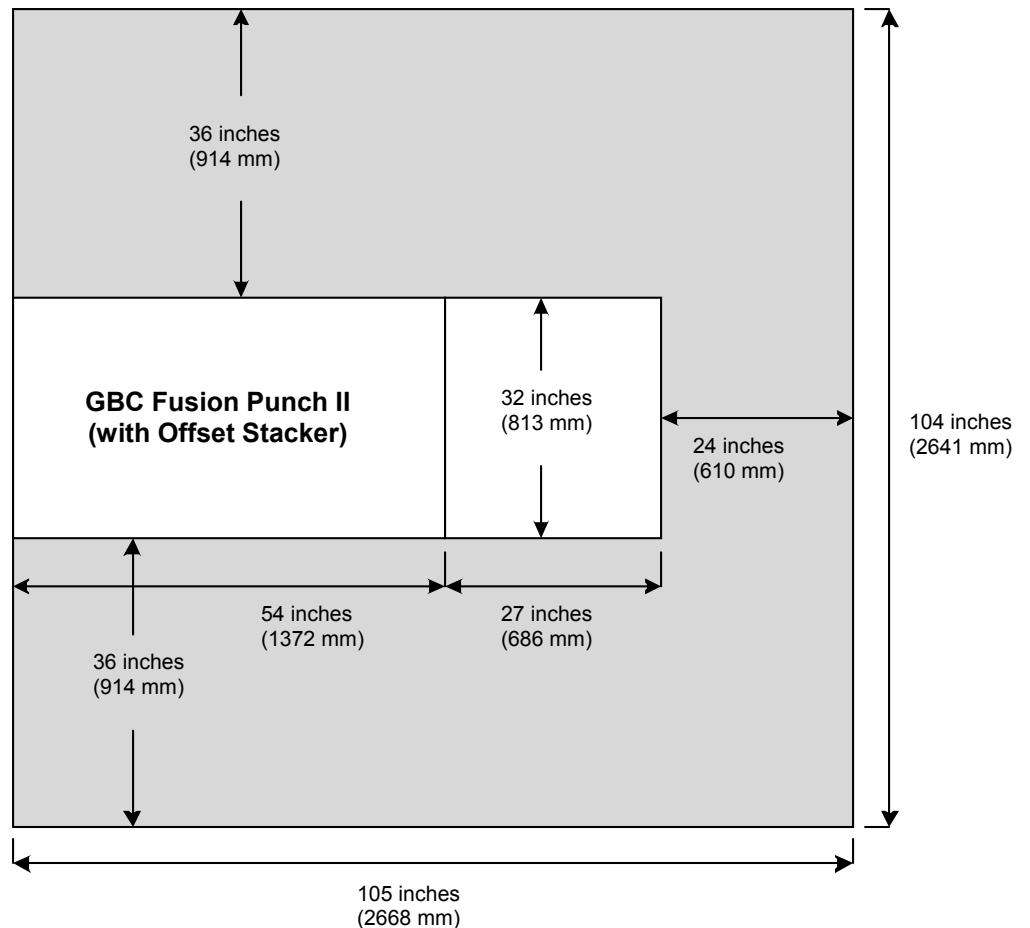
- GBC Fusion Punch II with Stacker

Note: The GBC Fusion Punch II with Bypass and dual Stacker is not currently supported with the Nuvera Digital Production System.

Space Requirements

The space requirements illustration provides machine footprint as well as the overall operating and maintenance area.

In addition to the diagram below, there should be a minimum of 78 inches (1,981mm) clearance from the floor to the nearest overhead obstruction.



Note: The space requirements diagram for the FP II is a representation only and not drawn to scale.

Dimensions	Fusion Punch	Stacker
Width x Depth x Height	54" x 32" x 46" (1372 mm x 813 mm x 1168 mm)	27" x 32" x 16" (720mm x 794mm x 385mm)
Shipping Dimensions Width x Depth x Height	60 5/8" x 41" x 57 1/4" (1535 mm x 1041 mm x 1452 mm)	39" x 35 3/4" x 52 1/2" (990 mm x 905 mm x 1333 mm)
Weight	620 lbs (281 kg)	270 lbs (123 kg)
Shipping Weight	920 lbs (417 kg)	470 lbs (213 kg)
Operator Clearance	Minimum 24" (609.6mm) in front of the device	Minimum 24" (609.6mm) in front of the device
Service Clearance	Minimum 36" (914 mm) on all sides of the device	Minimum 36" (914 mm) on all sides of the device

Electrical Requirements

Device	North America	Europe
Punch Power	115V, 60 Hz, 4.7A	230V, 50 Hz, 6.8A
Stacker Power	115V, 60 Hz, 1.0A	230V, 50 Hz, 0.25A

Environmental Requirements

Temperature	41 - 104° F (5 - 40°C)
Humidity	30 – 95% (non-condensing)
Heat Emission (Punch & Stacker)	1198 btu / hr. (115V / 60Hz) 2150 btu / hr. (230V / 50Hz)
Sound Emission	64.7 db (Idling) 73.7 db (Running both Punch/Stacker)
Altitude	Maximum: 3280 ft. (1000m)

Estimated Installation Time

GBC personnel install the Fusion Punch II and the estimated installation time is 4 - 8 hours.

Operating Supplies

The Fusion Punch II is not delivered with a specific die set. A die set must be ordered when ordering the machine.

Supply No.	Description	Quantity
0131000000	PB Plastic Bind (Plastic Coil)	1 set
0131060000	PB Plastic Bind Oversized (Plastic Coil)	1 set
0131020000	W2 Wire Rectangle - 2 holes/inch (Twin Loop)	1 set
0131010000	W3 Wire Square - 3 holes/inch (Twin Loop)	1 set
0131140000	W2 Wire Round - 2 holes/inch (Twin Loop)	1 set
0131050000	C4 Coil Round - 4 holes/inch (Color Coil)	1 set
0131190000	C4 Coil Oval - 4 holes/inch (Color Coil)	1 set
0131030000	3-5-7 Ring Binder (Looseleaf)	1 set

You can reach GBC Customer Service using the following phone number:

- United States 1-847-272-3700

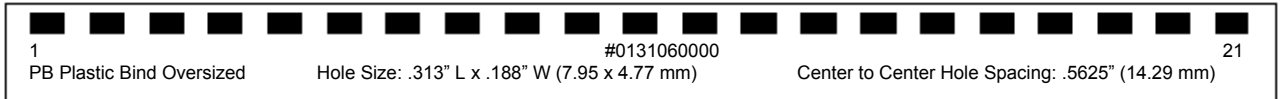
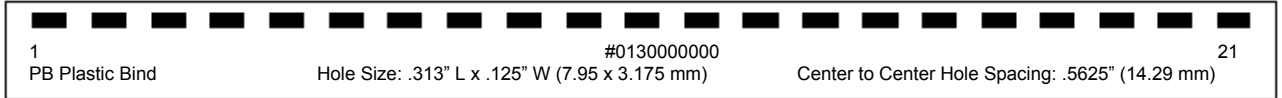
For Canada and Europe, please visit the GBC web site and select your region:

<http://www.GBC.com>

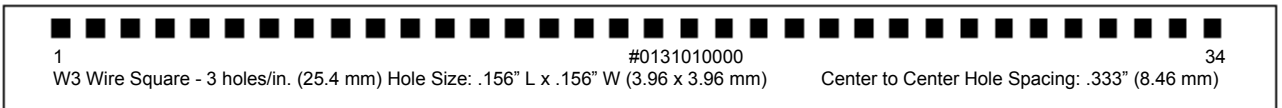
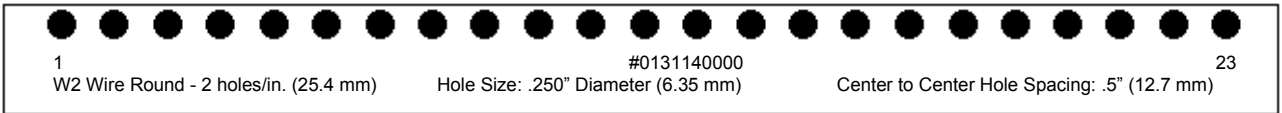
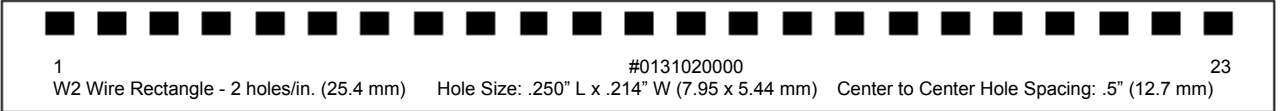
Unique Features Set

The following are diagrams of the die set configurations, which are available for the Fusion Punch II. These pictures do not reflect sheet size limitations, rather provide a visual for the die set configuration. Refer to specifications for sheet size capabilities.

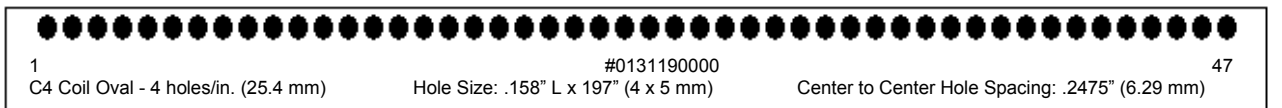
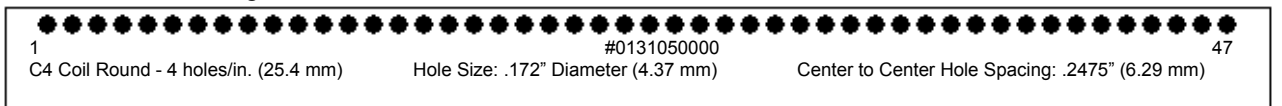
For Plastic Coil Binding choose from:



For Twin Loop Binding choose from:



For Color Coil Binding choose from:



For Looseleaf Binding:



Customer Agreement

As a final step in the install planning you must complete the Customer Agreement form.

Devices

Check off the modules that will be part of this install:

- GBC Fusion Punch II with Offset Stacker _____

Primary Customer Applications

Record the primary customer applications:

Special Considerations / Limitations

Record any special considerations and / or limitations identified by Xerox and agreed to by the customer:

Upending / Stair Climbing

Upending and / or Stair Climbing Required and Reviewed:

Yes _____ **Not Required** _____

I have reviewed the solution expectations and understand the specifications and limitations for each of the modules that will be installed: (**Signature and Date**)

Customer _____

Xerox Sales Representative _____

Xerox Analyst Representative _____

Xerox Service Representative _____

7. Xerox Document Binder 120-D (DB120-D)

This section will provide you with the features and capabilities of the Document Binder 120-D.

Product Overview

The Document Binder DB120-D uses a unique thermal binding technology combined with pre-formed covers to create a high quality professionally bound document. The DB120-D binds 8.5" x 11" / A4 documents up to 120 pages in a variety of attractive covers.

You can custom order imprinted covers with your logo or a particular design. The pre-formed cover wraps around the internal pages to produce a perfect bound document with a commercial look and feel. The document pages fit neatly and uniformly into the bind for the perfect bound look with no trimming needed.

The usability improves due to the hinged spine scoring which allows pages to lie flat when opened. The book binding adhesive is reinforced with a special mesh/cloth material to ensure a strong, consistent bind with no mess or oozing.

Performance Specifications

Listed below are the Performance Specifications for the Document Binder 120-D.

Binding	Specifications
Paper Sizes	Paper Size: 8.5" x 11" (216 x 279 mm) Paper Weight: 20 lbs (75 gsm) – 32 lbs index (120 gsm) bond and flush cut tabs. <i>Weights above 32 lbs. (120 gsm) should be used only as covers, dividers or inserts.</i>
Cover Sizes Spine Width / Approx. # of sheets (Based on 20 lbs (75 gsm))	1/16" (1.5 mm) / 3 – 15 sheets (*) 1/8" (3 mm) / 16 – 30 sheets 1/4" (6 mm) / 31 – 60 sheets 3/8" (9 mm) / 61 – 90 sheets 1/2" (13 mm) / 91 – 120 sheets (*) 1 – 15 sheets in walk-up mode.
Tray Capacity	Input Tray: Pre-loaded cassettes containing 150 covers Output Tray: 20 – 100 finished sets depending on spine width
Warm-up Time	Approx. 2 minutes
Input Height	34" (860 mm) and 40.2" (1021 mm)

Limitations

- A Finisher Transport Module is required for in-line connectivity to the printer.
- A Xerox Document Stacker 5000 is highly recommended for stacking capability.
- Currently coated stock is not recommended.

System Dependencies and Prerequisites

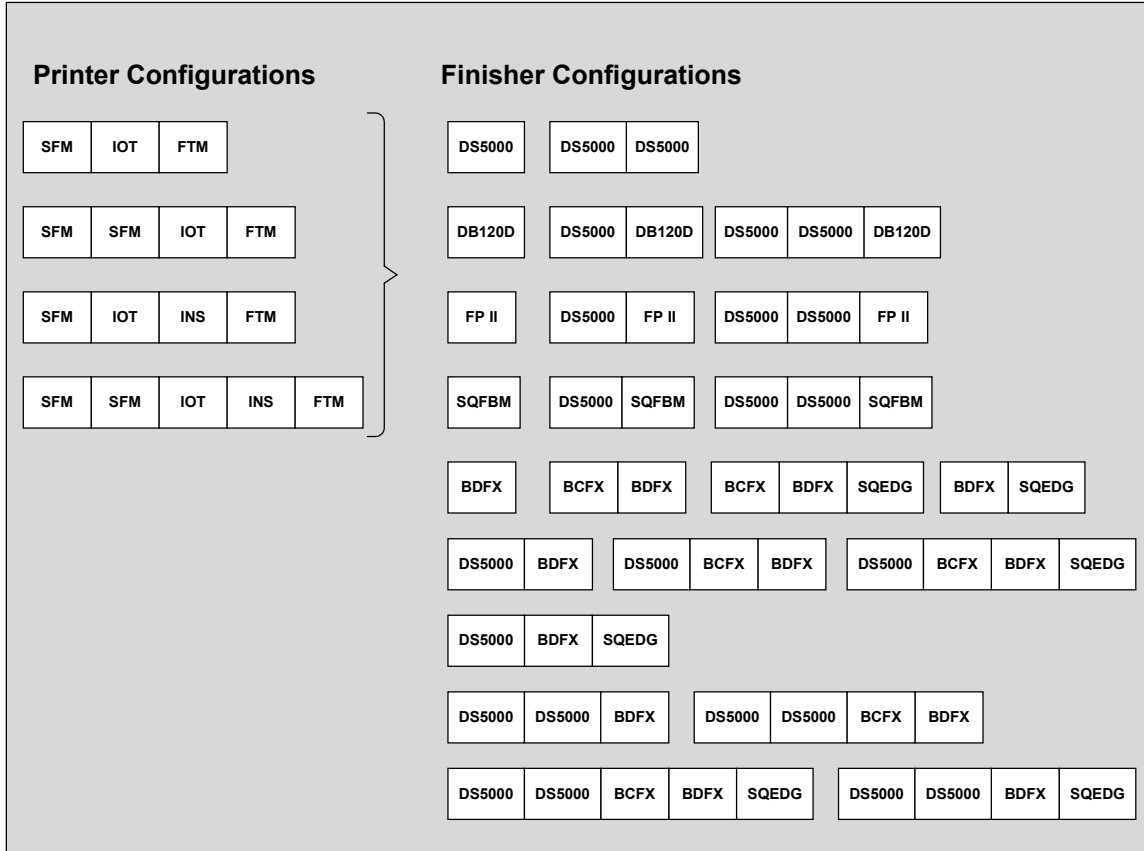
Listed below are the dependencies and prerequisites for installing the DB120-D in-line with the Nuvera Digital Production System.

- The Finisher Transport Module is required for in-line connectivity to the printer.
- A Xerox Document Stacker 5000 is highly recommended for stacking capability.
- If the DB120-D is installed in-line with another Finishing Device (such as a DS5000), the 1021 Height Kit must be installed (unit is shipped with 860 Height Kit installed).
- If there is a transition of an existing (stand alone or from a different printer) DB120-D to a Nuvera Digital Production System, the DB120-D will require an upgrade.

Note: In case the floor at the customer site is very uneven, it is recommended that the Nuvera IOT is installed and leveled with a Caster Leveling Kit (kit number 498K07900).

Configuration Guide

The diagram below identifies the different printer and finishing solutions that are currently supported.



Install Planning

This Install Planning guide will help you prepare for the installation of the DB 120-D.

Device Configurations

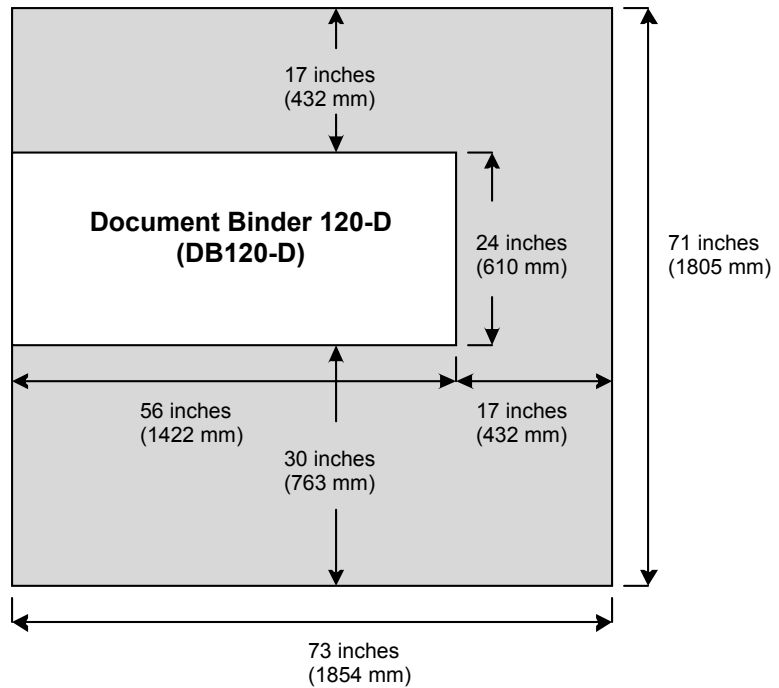
The Document Binder 120-D components are:

- Document Binder 120-D

Space Requirements

The space requirements illustration provides machine footprint as well as the overall operating and maintenance area.

In addition to the diagram below, there should be a minimum of 78 inches (1,981mm) clearance from the floor to the nearest overhead obstruction.



Note: The space requirements diagram for the DB 120-D is a representation only and not drawn to scale.

Dimensions	Document Binder 120-D
Width x Depth x Height	56" x 24" x 50 1/2" 1422.4mm x 609.6mm x 1282.7mm
Shipping Dimensions	66.5" x 31" x 53.25"
Width x Depth x Height	1689.1 mm x 787.4 mm x 1352.55 mm
Weight	462 lbs (210 kg)
Shipping Weight	542 lbs (246.4 kg)
Operator Clearance	Minimum 24" (609.6mm) in front of the device
Service Clearance	Minimum 30" (763 mm) in front, 17" (432 mm) behind and to the right of the device

Electrical Requirements

The recommended location of the electrical wall outlet, mounted on a rear wall is to be no more than 6 feet (1,829mm) away from the rear center of the Document Binder 120-D.

Device	North America	Europe
Power	115VAC, 60 Hz, 7A (*) Power cord: 6 - 8 ft (1,829 – 2,438 mm)	220VAC, 50 Hz, 3.5A Power cord: 6 - 8 ft (1,829 – 2,438 mm)

(*) – Dedicated outlet required.

Environmental Requirements

Temperature	50 - 90° F (10 - 32°C)
Humidity	10 – 85% (non-condensing)
Heat Emission	108 btu / hr. (Energy Saver mode) 809 btu / hr. (Standby mode) 1106 btu / hr. (Operating mode)
Sound Emission	Standby: 46 dB 4 sheets binding: 68 dB 30 sheets binding: 66 dB 100 sheets binding: 66 dB
Altitude	0 – 13,000 ft. (0 – 4,000 m)

Estimated Installation Time

CoverBind personnel install the DB120-D and the estimated installation time is 2 hours.

Operating Supplies

Each DB120-D is delivered with a sampler pack of standard binder covers.

There are several styles of covers available:

- Classic covers – non glare, clear plastic front cover with satin UV-coated spine and back cover. Available in:
 - White, Black, Burgundy, Dark Blue, Royal Blue, Red, Green and Teal
- Impression covers - non-glare, clear plastic front cover with 80 lb uncoated linen spine and back cover. Available in:
 - White, Black, Red, Gray, Blue, Metallic Blue, Metallic Copper, Metallic Silver and Marbled Blue.
- Custom covers – wrap around covers with customized color printing, foil stamping or die cutting. *

* - For custom covers, contact your Xerox sales representative (or visit <http://www.xerox.com>, and select **Supplies**) for more information.

Covers range in spine width, from 1/16" – 1/2", and there are 450 covers / carton.

The Xerox Supplies Marketing Center is available for ordering Xerox supplies, including paper and other throughput material. You can reach the Xerox Supplies Marketing Center using the following toll-free phone number:

- United States 1-800-822-2200
- Canada 1-800-668-0199

For Europe, please visit the Xerox web site and select your country:

<http://www.xerox.com>

Customer Agreement

As a final step in the install planning you must complete the Customer Agreement form.

Devices

Check off the modules that will be part of this install:

- Xerox Document Binder 120-D _____

Primary Customer Applications

Record the primary customer applications:

Special Considerations / Limitations

Record any special considerations and / or limitations identified by Xerox and agreed to by the customer:

Upending / Stair Climbing

Upending and / or Stair Climbing Required and Reviewed:

Yes _____ **Not Required** _____

I have reviewed the solution expectations and understand the specifications and limitations for each of the modules that will be installed: (**Signature and Date**)

Customer _____

Xerox Sales Representative _____

Xerox Analyst Representative _____

Xerox Service Representative _____

8. Standard Horizon Perfect Binder BQ-270x (BQ-270x)

This section will provide you with the features and capabilities of the Perfect Binder BQ-270x.

Product Overview

The BQ-270x features high-quality production perfect binding with fully automated operation and push-button simplicity. The BQ-270x single-clamp binder is designed for single-person production of up to 500 books per hour, and requires minimal operator training.

Standard features include an intelligent touch-screen control console, newly-developed adhesive application and side-gluing system, automatic air-suction cover feeding with in-line scoring, job programming, and same-location loading and unloading for easier single-person operation.

The BQ-270x, with its state-of-the-art design, compact configuration, and full automation, is positioned to meet the demands of the short-run, print-on-demand book market. The BQ-270x includes: DV-270 Conveyor / Stacker and the SI-270 Digital Caliper. An off-line trimmer is required to complete the application.

Performance Specifications

Listed below are the Performance Specifications for the Standard Horizon Perfect Binder BQ-270x.

Binding	Specifications
Book Sizes	Minimum Book Size: 5.4" x 4.2" (137 x 106 mm) Maximum Book Size: 12.6" x 12.6" (320 x 320 mm) Book Thickness: 0.04" x 2" (1 x 50 mm)
Cover	Minimum Size: 5.4" x 9.1" (137 x 231 mm) * Maximum Size: 12.6" x 26" (320 x 660 mm) * Weight: (82 – 302 gsm) Maximum Pile Height: 3.1" (78 mm) (*) – Top to bottom by fore-edge.
Maximum Milling Depth	0.12" (3 mm)
Warm-up Time	Approx. 40 minutes

System Dependencies and Prerequisites

Listed below are the dependencies and prerequisites for installing the BQ-270x.

- There are no known dependencies or prerequisites at this time.

Install Planning

This Install Planning guide will help you prepare for the installation of the Standard Horizon Perfect Binder BQ-270x.

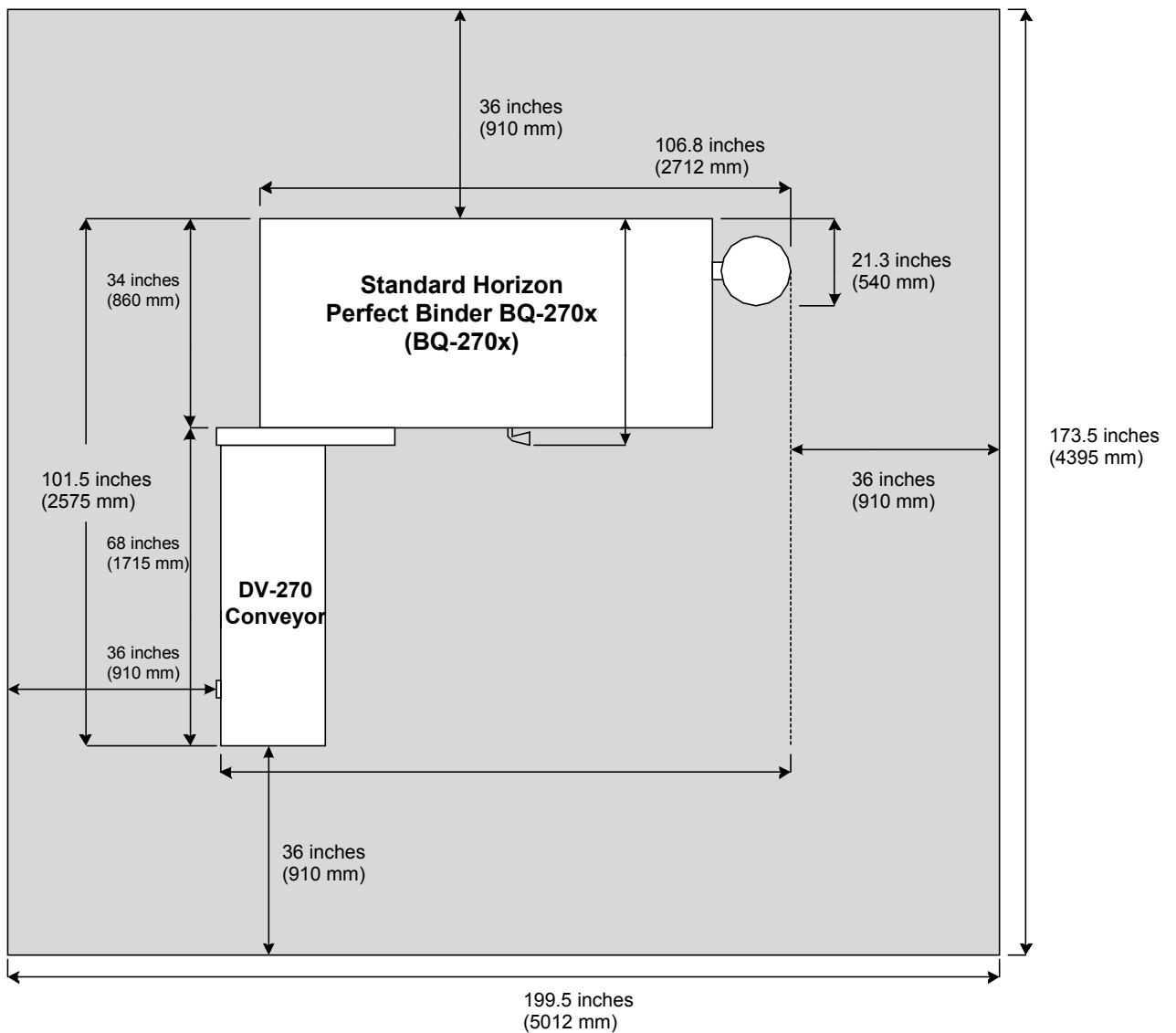
Device Configurations

The BQ-270x components are:

- Perfect Binder BQ-270x, including DV-270 Conveyor / Stacker and the SI-270 Digital Caliper

Space Requirements

The space requirements illustration provides machine footprint as well as the overall operating and maintenance area.



Note: The space requirements diagram for the BQ-270x is a representation only and not drawn to scale.

Dimensions	Perfect Binder BQ-270x	Conveyor (DV-270)
Width x Depth x Height	90.6" x 35.9" x 49.2" 2712 mm x 910 mm x 1250 mm	67.6" x 18.9" x 24" 1715 mm x 480 mm x 610 mm
Shipping Dimensions	144" x 48" x 60"	50" x 42" x 40"
Width x Depth x Height	3660 mm x 1219 mm x 1524 mm	1270 mm x 1067 mm x 1016 mm
Weight	1,984.5 lbs (900 kg)	240 lbs (108.9 kg)
Shipping Weight	2,581 lbs (1,161 kg)	279 lbs (126.5 kg)
Operator Clearance	Minimum 36" (910 mm) in front of the device	Minimum 36" (910 mm) in front of the device
Service Clearance	Minimum 36" (910 mm) on all sides of the device	Minimum 36" (910 mm) in front of and behind the device

Electrical Requirements

Device	North America	Europe
BQ-270x	208VAC, 20A, 3-phase	220VAC, 60 Hz, 20A

Environmental Requirements

Environment	Perfect Binder BQ-270x
Temperature	65° F (18.3°C)
Humidity	75 % relative humidity
Heat Emission	9898 btu / hr. (208V/ 60 Hz)
Sound Emission	67.2 db
Altitude	N/A

Estimated Installation Time

Standard Finishing Systems / Horizon will ship the BQ-270x directly to the customer. A Standard Finishing Systems representative will do the equipment installation and the estimated installation time is 4 hours.

Operating Supplies

The BQ-270x is not delivered with any supplies.

Supply No.	Description	Quantity / Unit
HM-220	Hot-melt adhesive	44 lbs (20 kg) / carton

You can reach Standard Horizon Customer Service using the following phone number:

- United States 1-877-404-4460

For Canada and Europe, please visit the Standard Horizon web site and select your region:

<http://www.sdmc.com>

Customer Agreement

As a final step in the install planning you must complete the Customer Agreement form.

Devices

Check off the modules that will be part of this install:

- Standard Horizon Perfect Binder BQ-270x _____

Primary Customer Applications

Record the primary customer applications:

Special Considerations / Limitations

Record any special considerations and / or limitations identified by Xerox and agreed to by the customer:

Upending / Stair Climbing

Upending and / or Stair Climbing Required and Reviewed:

Yes _____ Not Required _____

I have reviewed the solution expectations and understand the specifications and limitations for each of the modules that will be installed: (**Signature and Date**)

Customer _____

Xerox Sales Representative _____

Xerox Analyst Representative _____

Xerox Service Representative _____

9. Powis Parker Fastback® Model 15xs

This section will provide you with the features and capabilities of the Fastback Model 15xs.

Product Overview

The Fastback® Model 15xs is a high production desktop document binding machine which binds from 3 to 350 sheets quickly, easily, and economically.

Documents can be edited in seconds. Other primary features include: on demand perfect binding capabilities, teflon coated platens that simplify maintenance and cleaning, and a document cooling rack that can be mounted on the binder itself, or can stand alone.

The binder strip uses a super tough thermoplastic adhesive that will not become brittle with age, Fastback® documents stay bound for years.

Performance Specifications

Listed below are the Performance Specifications for the Fastback Model 15xs.

Binding	Specifications
Paper Size	Paper Size: from 5" – 14 7/8" (311 x 462 mm)
Output Booklet Sizes	5.5" x 8.5" (140 x 216 mm) – 8.5" x 11" (127 - 370 mm)
Binding Time	15 – 25 seconds (depending on book thickness)
Strip Widths	Narrow: 3 – 150 sheets approx. Medium: 150 – 250 sheets approx. Wide: 250 –350 sheets approx.
Document Thickness	1.5" (38.1 mm)
Strip Lengths	8 1/2", 11", 14", 14 7/8", A4 and A5
Warm-up Time	9 minutes

Limitations

- Coated and glossy stocks are not supported.

System Dependencies and Prerequisites

Listed below are the dependencies and prerequisites for installing the Fastback® Model 15xs.

- Table / stand designed to hold 55 lbs (24.9 kg).

Install Planning

This Install Planning portion will help you prepare for the installation of the Fastback® Model 15xs.

Device Configurations

The Fastback® Model 15xs components are:

- Fastback® Model 15xs, including cooling rack

Space Requirements

The space requirements diagram provides machine footprint as well as the overall operating and maintenance area.

Dimensions	Fastback Model 15xs
Width x Depth x Height	25" x 22" x 9.5" 635 mm x 559 mm x 241 mm
Shipping Dimensions	37" x 29" x 14"
Width x Depth x Height	940 mm x 736 mm x 356 mm
Weight	55 lbs (24.9 kg)
Shipping Weight	75 lbs (34 kg)

Electrical Requirements

Device	North America	Europe
Fastback Model 15xs	120VAC, 60 Hz, 7A	220VAC, 50 Hz, 3.5A

Environmental Requirements

Environment	Fastback Model 15xs
Heat Emission	700 btu / hr.

Estimated Installation Time

A local Powis Parker dealer will deliver and install the equipment. The estimated installation time is 1 hour.

Operating Supplies

Each Fastback Model 15xs is delivered with a pack of 100 narrow strips in assorted colors.

To order Powis Parker supplies, please visit the Powis Parker web site and locate a local dealer:

<http://www.powis.com/dealers/dealers.asp>

Customer Agreement

As a final step in the install planning you must complete the Customer Agreement form.

Devices

Check off the modules that will be part of this install:

- Powis Parker Fastback® Model 15xs _____

Primary Customer Applications

Record the primary customer applications:

Special Considerations / Limitations

Record any special considerations and / or limitations identified by Xerox and agreed to by the customer:

Upending / Stair Climbing

Upending and / or Stair Climbing Required and Reviewed:

Yes _____ Not Required _____

I have reviewed the solution expectations and understand the specifications and limitations for each of the modules that will be installed: (**Signature and Date**)

Customer _____

Xerox Sales Representative _____

Xerox Analyst Representative _____

Xerox Service Representative _____

