

Finishing

Solutions Planning Guide

Supported Printers:

- **Xerox DocuColor 2045 / 2060 / 5252 / 6060 / 7000 / 8000
Digital Color Press**
- **Xerox DocuPrint 75 / 90 & DocuTech 75 / 90**
- **Xerox Nuvera™ 100 / 120 Digital Production System**

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Introduction

The purpose of this document is to describe the features and operation of the Xerox Document Binder 120-D (DB120-D) when used inline with validated Xerox printers. It also provides information to be used when planning the installation of this solution.

About this guide

This guide will provide the Analyst and the Customer with common DB120-D specifications and pre-installation tasks based on the actual Xerox printer model attached to the DB120-D.

Note: The DB120-D's capability of running Letter size and A4 paper is hardware dependent. Reference is made to both USA (Letter size/115V) and Europe (A4/230V) when applicable data and specifications differ between the two.

Contents

This section lists the contents of this guide:

- Introduction - provides information about the use of this Guide.
- Product Overview—provides Performance Specifications and Installation Planning including Space, Electrical, Environmental requirements, Installation Time and Operating Supplies.
- Xerox DocuColor 2045/2060/5252/6060/7000/8000 Digital Production Press – provides information about Limitations, System Dependencies and Configuration Guide.
- Xerox DocuPrint 75 / 90 & DocuTech 75 / 90 - provides information about Limitations, System Dependencies and Configuration Guide.
- Xerox Nuvera™ 100 / 120 Digital Production System – provides information about Limitations, System Dependencies and Configuration Guide.
- Customer Agreement – contains the Customer Agreement form.

Contact Information

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Phone +46 8 709 58 00, Fax +46 8 18 86 52
E-mail info@bindomatic.se

1. Product Overview



Document Binder
DB120-D

The Document Binder DB120-D uses a unique perfect binding technology combined with pre-formed covers to create a high quality professionally bound document. The DB120-D binds 8.5" x 11" (A4 in Europe) documents up to 120 pages in a variety of ready available, wide range of standard covers. The DB120-D standard covers always display a transparent plastic front page.

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. Trimming is not needed.

The spine is scored in four places allowing each sheet of paper to hinge. The adhesive in the spine is reinforced with a mesh cloth that strengthens the book's spine. The result is a perfect bound book that lies flat when open and won't fall apart.

Performance Specifications

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

Binding	US Specifications	European Specifications
Paper Size / Weight	8.5" x 11" (216 x 279 mm) <i>Note: A conversion kit allowing for usage of A4 / 115V is available. These kits would be applicable on some specific markets and special applications.</i> 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 dividers or inserts.</i>	A4 (210 x 297 mm) <i>Note: A conversion kit allowing for usage of Letter size / 230V is available. These kits would be applicable on some specific markets and special applications.</i> 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 dividers or inserts.</i>
Cover Sizes Spine Width / Approx. # of sheets	<i>Based on 20 lbs (75 gsm) paper</i> 1/16" / 2 – 15 sheets (*) 1/8" / 16 – 30 sheets 1/4" / 31 – 60 sheets 3/8" / 61 – 90 sheets 1/2" / 91 – 120 sheets (*) Minimum sheets for 1/16" dependent on connected printer. In walk-up mode however, 1 – 15 sheets are allowed regardless of connected printer.	<i>Based on 80 gsm paper</i> 1.5 mm / 2 – 13 sheets (*) 3 mm / 14 – 28 sheets 6 mm / 29 – 55 sheets 9 mm / 56 – 84 sheets 13 mm / 85 – 120 sheets (*) Minimum sheets for 1.5 mm dependent on connected printer. In walk-up mode however, 1 – 15 sheets are allowed regardless of connected printer.
Tray Capacity	Input Tray: 2 pre-loaded cassettes containing 150 covers each Output Tray: 20 – 100 finished sets depending on spine width.	Input Tray: 2 pre-loaded cassettes containing 150 covers each Output Tray: 20 – 100 finished sets depending on spine width.
Warm-up Time	Approx. 2 minutes	Approx. 2 minutes
Input Height	34" (860 mm) and 40.2" (1021 mm)	34" (860 mm) and 40.2" (1021 mm)

Install Planning

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

Device Configurations

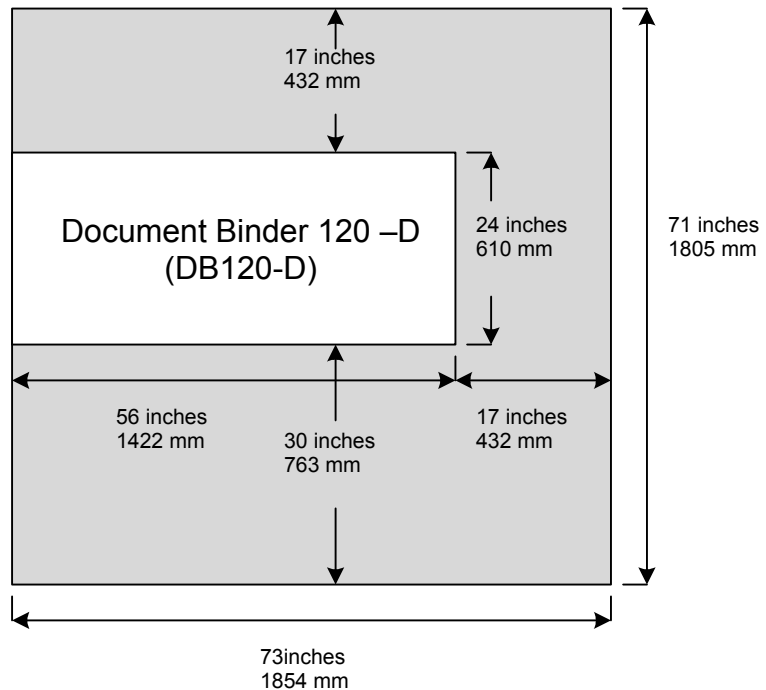
The Document Binder 120-D components are:

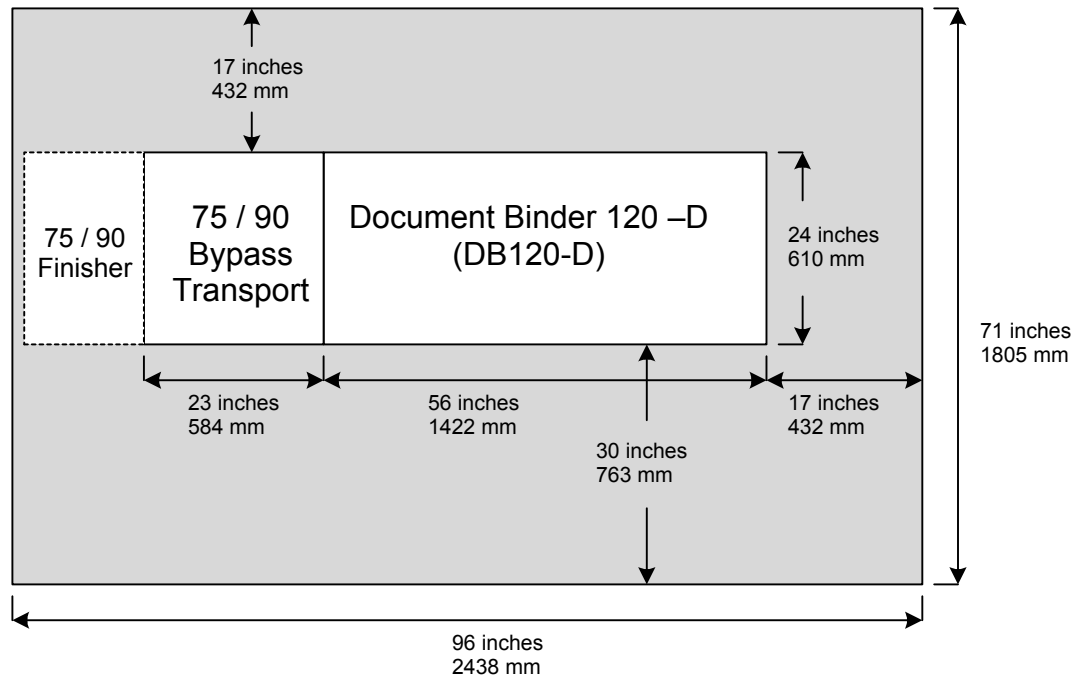
- Document Binder 120-D

Space Requirements

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

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





Note: The space requirement diagrams for the DB 120-D are representations only and not drawn to scale.

Dimensions	Document Binder 120-D	DocuPrint DocuTech 75/90 Bypass Transport
Width x Depth x Height	56" x 24" x 50 1/2" 1422 mm x 610 mm x 1283 mm	23" x 25" x 42" 584 mm x 635 mm x 1067 mm
Shipping Dimensions	66.5" x 31" x 53.25"	N/A
Width x Depth x Height	1689 mm x 787 mm x 1352 mm	
Weight	462 lbs (210 kg)	99.2 lbs (45 kg)
Shipping Weight	542 lbs (246.4 kg)	N/A
Operator Clearance	Minimum 24" (610 mm) in front of the device	Minimum 24" (610 mm) in front of the device
Service Clearance	Minimum 30" (763 mm) in front, 17" (432 mm) behind and to the right of the device	Minimum 30" (763 mm) in front, 17" (432 mm) behind 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
Document Binder120-D	115 VAC, 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)
DocuPrint DocuTech 75/90 Bypass Transport	105 - 127 VAC 60 Hz, 2 A	N/A

Environmental Requirements

Device	Document Binder120-D
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

In North America, the CoverBind personnel install the DB120-D and the estimated installation time is 2 hours. CoverBind personnel also provides an initial 2 – 4 hour customer training.

In Europe, Bindomatic personnel install the DB120-D and the estimated installation time is 2 hours. Bindomatic personnel also provides an initial 2 – 4 hour customer training..

To contact Bindomatic and / or Coverbind, please go to:

[Contact Information](#)

Operating Supplies

Each DB20-D is delivered with a sample/install package of covers. These install packs differ slightly between USA and Europe but the purpose is the same – to provide installation technician with covers for install purposes and customer with covers for initial testing.

There are several styles of covers available. Below you will find listings of the various covers / market:

Covers specific to USA		Reorder #
Classic® Series	<p>A non-glare / frosted, transparent plastic front side with satin spine and back side.</p> <p>Available in:</p> <p>White, Black, Burgundy, Navy Blue, Royal Blue, Red & Green</p>	<p>White 3R8860 – 3R8864</p> <p>Black 3R8865 - 3R8869</p> <p>Burgundy 3R8880 - 3R8884</p> <p>Green 3R8885 - 3R8889</p> <p>Navy Blue 3R8875 - 3R8879</p> <p>Red 3R8870 - 3R8874</p> <p>Royal Blue 3R8890 - 3R8894</p> <p>Aqua 3R8895 - 3R8899</p>
Impression Series	<p>A non-glare / frosted transparent plastic front side with linen embossed chlorine free uncoated coloured graphical board spine and backside.</p> <p>Available in:</p> <p>White, Black, Red, Gray, Blue</p>	<p>White 3R6843 - 3R6847</p> <p>Black 3R6833 - 3R6837</p> <p>Blue 3R6838 - 3R6842</p> <p>Red 3R6849 - 3R6853</p> <p>Gray 3R6854 - 3R6858</p>
Custom	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 specific to Europe		Reorder #
Royal Series	<p>A non-glare/frosted transparent plastic front side with linen embossed chlorine free uncoated coloured graphical board spine and back side.</p> <p>Available in:</p> <p>White, Black, Dark Green, Burgundy, Grey, Blue, Graphite & Dark Blue</p>	<p>White 3R93676 - 3R93680</p> <p>Black 3R93701 - 3R93705</p> <p>Graphite 3R97650 - 3R97654</p> <p>Burgundy 3R93691 - 3R93695</p> <p>Dark Blue 3R93696 - 3R93700</p> <p>Grey 3R93681 - 3R93685</p> <p>Dark Green 3R93686 - 3R93690</p> <p>Blue 3R97645 - 3R97649</p>
Impression Series	<p>A non-glare / frosted transparent plastic front side with linen embossed chlorine free uncoated coloured graphical board spine and backside.</p> <p>Available in:</p> <p>White, Black, Red, Grey, Blue</p>	<p>White 3R97700 - 3R97704</p> <p>Black 3R97705 - 3R97709</p> <p>Blue 3R97710 - 3R97714</p> <p>Red 3R97715 - 3R97719</p> <p>Grey 3R97720 - 3R97724</p>
Xerox Generic	<p>Xerox Generic Customized / Logo Cover</p> <p>"Frog"</p>	<p>3R97657 – 3R97659 *</p> <p>(* - Available in 1.5, 3 and 6 mm only.)</p>

Covers range in spine width from 1/16" (1.5mm) - 1/2" (13mm) and there are three cassettes of 150 covers per cassette and three cassettes per master box. There is only one spine width per cassette.

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>

2. Xerox DocuColor 2045 / 2060 / 5252 / 6060 / 7000/ 8000 Digital Color Press

Limitations

- When connected inline with a printer, the minimum binding capacity is 3 sheets / 2045, 4 sheets / 2060 and 2 sheets / 5252, 6060, 7000 and 8000 using 20lbs (75 gsm) bond paper. (In walk-up manual mode, the minimum binding capacity is 1 sheet 20 lbs (75 gsm) bond paper.)
- The DB120-D is compatible with 8.5 x 11" (A4 in Europe) paper in weights ranging from 20 – 110 lbs (75 – 200 gsm) bond and flush cut tabs.

Note: Weights above 32 lbs (120 gsm) should only be used as covers, dividers or inserts.

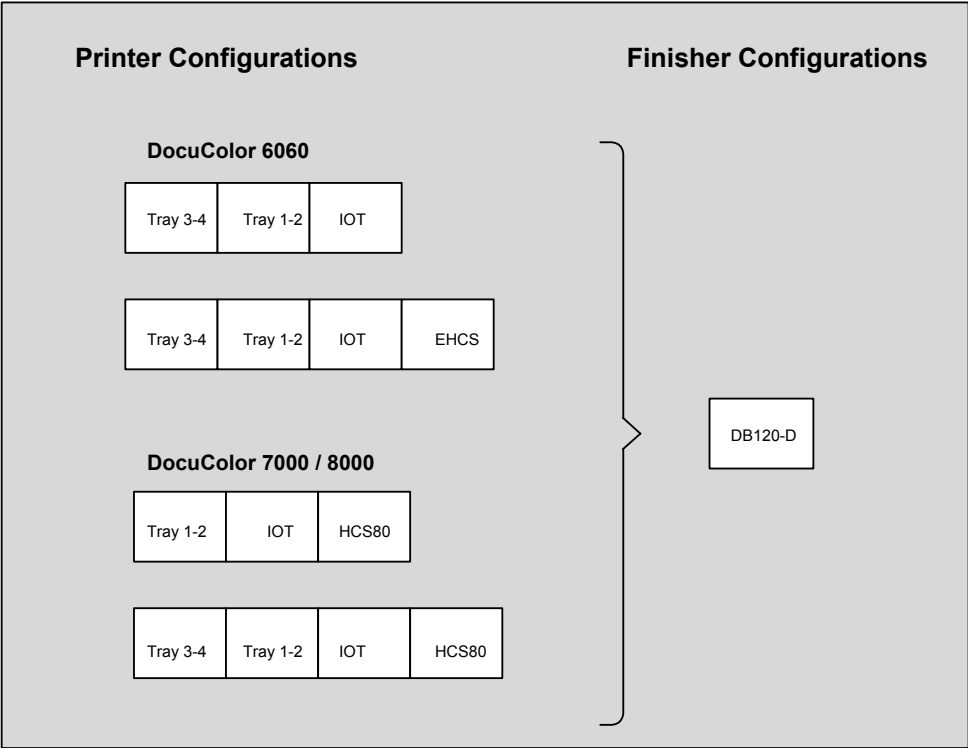
System Dependencies and Prerequisites

Listed below are the dependencies and prerequisites for installing the DB120-D.

- A High Capacity Stacker / Enhanced High Capacity Stacker is needed to connect the DB120-D inline with the Xerox DocuColor 2045 / 2060 / 5252 / 6060 / 7000 / 8000.
- A DFA Enablement Kit (675K11272) is required to connect the DB120-D with the Xerox DocuColor 2045 / 2060 / 5252 / 6060 / 7000 / 8000.
- A Feeding & Finishing Interface Unit kit (FFIU kit 497K02331) is required to connect the DB120-D with the Xerox DocuColor 2045 / 2060 / 5252 / 6060 / 7000 / 8000.

Configuration Guide

The Configuration Guide contains diagrams over the various Finishing Solutions that are available.



Productivity Guide

The DB120-D will keep up with the rated speed of the printer.

3. Xerox DocuPrint 75 / 90 & DocuTech 75 / 90

Limitations

- When connected inline with a printer, the minimum binding capacity is 5 sheets for 75 PPM and 6 sheets for 90 PPM using 20lbs (75 gsm) bond paper. (In walk-up manual mode, the minimum binding capacity is 1 sheet 20 lbs (75 gsm) bond paper.
- The DB120-D is compatible with 8.5 x 11" (A4 in Europe) paper in weights ranging from 20 – 110 lbs (75 – 200 gsm) bond and flush cut tabs.

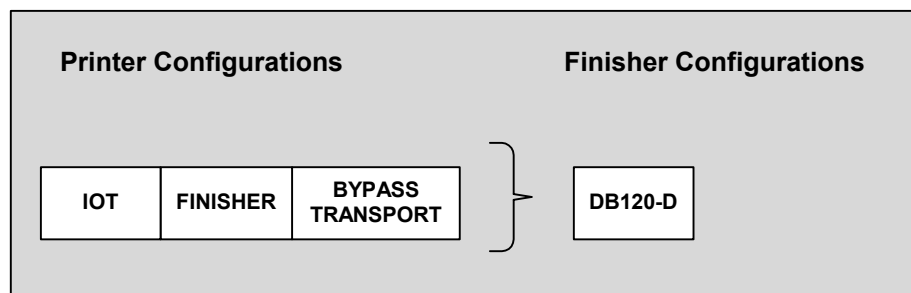
Note: Weights above 32 lbs (120 gsm) should only be used as covers, dividers or inserts.

System Dependencies and Prerequisites

A Bypass Transport is required for in-line connectivity to the printer.

Configuration Guide

The Configuration Guide contains diagrams over the various Finishing Solutions that are available.



Productivity Guide

The DB120-D will keep up with the rated speed of the printer.

4. Xerox Nuvera™ 100 / 120 Digital Production System

Limitations

- A Finisher Transport Module is required for in-line connectivity to the printer.
- Coated paper is functional with the 860mm input height but not recommended for the 1021mm input height. However, binding test could be done and binding strength confirmed/checked before start of job/production.
- When connected inline with a printer, the minimum binding capacity is 2 sheets of 20 lbs (75 gsm) bond paper. (In walk-up manual mode, the minimum binding capacity is 1 sheet 20 lbs (75 gsm) bond paper.
- The DB120-D is compatible with 8.5 x 11" (A4 in Europe) paper in weights ranging from 20 – 110 lbs (75 – 200 gsm) bond and flush cut tabs.

Note: Weights above 32 lbs (120 gsm) should only be used as covers, dividers or inserts.

System Dependencies and Prerequisites

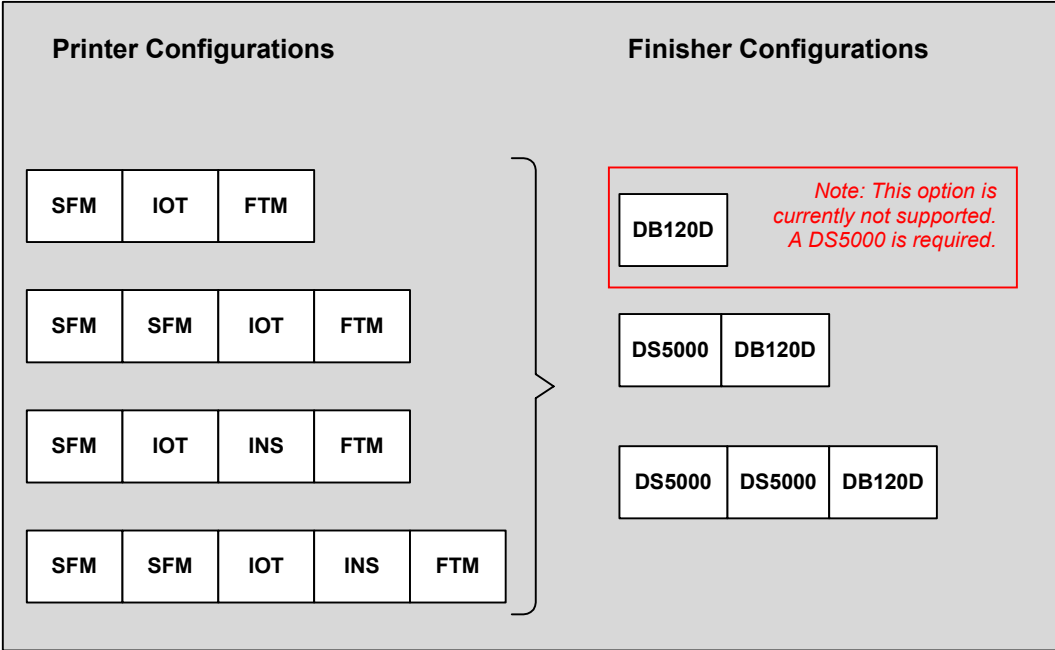
Listed below are the dependencies and prerequisites for installing the DB120-D.

- The Finisher Transport Module is required for in-line connectivity to the printer.
- Currently, a Xerox Document Stacker 5000 must be installed in-line with the printer and the DB120-D.
- 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 Configuration Guide contains diagrams over the various Finishing Solutions that are available.



Productivity Guide

The DB120-D will keep up with the rated speed of the printer.

5. Customer Agreement Form

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 _____
- DocuPrint / DocuTech 75 / 90 Bypass Transport _____
- A4 / 115V Conversion Kit _____
- Letter size / 230V Conversion Kit _____
- 1021 Height Kit (Nuvera) _____

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:

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 _____

Coverbind Representative _____

For installations made in the US and Canada, a copy of the signed Customer Agreement must be:

- A) Attached to the XOA / Customer purchase order and faxed to SPA: 1-800 –407-8430.
- B) Scanned and emailed to Phil.Schmelzlen@xerox.com, or faxed to Phil Schmelzlen (585) 427-3140 (8*227-3140).

