

Xerox® Brenva® HD Production Inkjet Press

Statement of Volatility

September 2017

Notice

This document describes the locations, capacities, and contents of volatile and non-volatile memory devices within the Xerox® Brenva® HD Production Inkjet Press.

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Introduction

The Brenva Press performs high-speed production color printing and consists of:

- Print Engine (Marking Module)
- Video Server PC
- Print Station Interface Platform
- Feeder Modules
- Finishing Modules

These modules provide the basic configuration. Depending on what is purchased, the number and types of feeders and finishers can change.

This document describes the amount and types of memory contained in the device in an easy-to-read tabular format. To address security issues as needed, specific commentary is included about job data and where Personally Identifiable Information (PII) can be found in the system.

The information contained in this document is verified at the time the product is released for sale. Manufacturing process changes may require that memory amounts increase but the purpose or contents of the memory should not change.



General Memory Information

Volatile Memory

- All volatile memory listed is cleared after power is removed (decay occurs generally within 20 seconds at room temperature).
- All volatile memory listed is required for normal system operation and during service and diagnostic procedures.
- Removal of any volatile memory will void the warranty and may cause the press not to function properly.

Non-Volatile Memory

- All non-volatile memory listed is required for normal system operation and during service and diagnostic procedures.
- Removal of any non-volatile memory will void the warranty and may cause the press not to function properly.
- None of the non-volatile memory in the system can be accessed by accidental keystrokes.

Print Station Interface Platform Descriptions

The data tables below detail the information regarding the volatile and non-volatile memory contained in the Brenva Press.

The Print Station Interface Platform (PSIP) is a PC-type motherboard. It is equipped with a BIOS, main RAM and Video memory. The PSIP also contains an image capture card used to capture diagnostic images for image quality adjustment. The PSIP does not save any customer image data but does have the capability to save diagnostic image data to the PSIP hard disk for diagnostic purposes.

Volatile Memory Description				
Type (SRAM, DRAM, etc.)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear
SDRAM	4 GB	N	Executable Code	Power Off System
SDRAM	2 GB	N	Video Memory	Power Off System

Non-Volatile Memory Description				
Type (Flash, EEPROM, etc.)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear
EEPROM	4 MB	N	System BIOS	Diagnostic

Hard Drive Information

The data table below details the hard disk information for the Brenva Press Print Station Interface Platform. Complete this table if the device has media storage capability.

Hard Disk Description					
Drive/Partition (System, Image)	Size	Removable (Y/N)	User Modifiable (Y/N)	Function	Process to Clear
System	>500 GB	N *	N with normal operation	Operating System, Fonts, configuration file storage	Diagnostic Procedure
Additional Information: This disk contains the Operating System and stores executables, fonts, and settings files. During normal operation, job files do not remain stored on this disk. *Can be removed when Removable Drive Option is purchased.					

Video Server Descriptions

The data tables below detail the information regarding the volatile and non-volatile memory contained in the Brenva Press Video Server PC.

The Video Server is located within the Brenva Print Engine and is a server class PC containing a hard drive, memory, network interface card and two image path processing cards. The hard drive is utilized for temporary storage of diagnostic data. No customer image data is stored on the Video Server PC hard disk. The Video Server PC is equipped with a BIOS, RAM, and non-volatile memory, as described below.

Volatile Memory Description				
Type (SRAM, DRAM, etc.)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear
SDRAM	32 GB	N	Executable Code, image data (PC)	Power Off System
SDRAM	1 GB, 1 GB	N	Executable Code, image data (CIP 1)	Power Off System
SDRAM	1 GB, 1 GB	N	Executable Code, image data (CIP 2)	Power Off System

Non-Volatile Memory Description				
Type (Flash, EEPROM, etc.)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear
Flash	32 MB	Via Diagnostics	Firmware (CIP 1)	Diagnostics
Flash	32 MB	Via Diagnostics	Firmware (CIP 2)	Diagnostics
Additional Information: All memory listed above contains code for execution and configuration information. No PII or user job data is stored in these locations.				

Hard Drive Information

The data table below details the hard disk information for the Ardent II Digital Press Print Station Interface Platform. Complete this table if the device has media storage capability.

Hard Disk Description					
Drive/Partition (System, Image)	Size	Removable (Y/N)	User Modifiable (Y/N)	Function	Process to Clear
System	>500 GB	N	N with normal operation	Operating System, configuration, file storage	Diagnostic Procedure
Additional Information: This disk contains the Operating System and stores executables, fonts, and settings files. During normal operation, no PII or user job data is stored on this disk.					

Print Engine (Marking Module) Descriptions

The data tables below detail the information regarding the volatile and non-volatile memory contained in the Brenva Press print engine.

The print engine is powered by a custom motherboard (MIOP), with multiple additional custom boards (X2C, MIB, CRIM (x4)). Each can be equipped with a BIOS, main RAM, and non-volatile memory, as described below. The remaining modules in the engine are run with integrated microcontrollers.

Volatile Memory Description				
Type (SRAM, DRAM, etc.)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear
SDRAM	512 MB	N	Executable Code, Printer control data (MIOP)	Power Off System
SDRAM	512 MB	N	Executable Code, Printer control data (X2C)	Power Off System
SDRAM	256 MB	N	Executable Code, Printer control data (MIB)	Power Off System
SDRAM	512 MB	N	Executable Code, Printer control data (CRIM)	Power Off System
Additional Information: All memory listed above contains code for execution and configuration information. No user or job data is stored in these locations.				

Non-Volatile Memory Description				
Type (Flash, EEPROM, etc.)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear
SPROM	1 MB	Via Diagnostics	Control set points, configuration settings (MIOP)	Pull Battery
Flash	32 MB	Via Diagnostics	Firmware (MIOP)	Diagnostics
Flash	8 MB	Via Diagnostics	Firmware (X2C)	Diagnostics
SPROM	1 MB	Via Diagnostics	Control set points, configuration settings (MIB)	Pull Battery
Flash	32 MB	Via Diagnostics	Firmware (MIB)	Diagnostics
Flash	32 MB	Via Diagnostics	Firmware (CRIM)	Diagnostics
Additional Information: All memory listed above contains code for execution and configuration information. No PII or user job data is stored in these locations.				

Feeder Module Descriptions

The text below details the information regarding the volatile and non-volatile memory contained in the Brenva Press supported feeders. This document lists the available options. Depending on the configuration purchased, your system will contain one or more of these devices.

Note: None of the following devices store any PII or user job data in electronic form.

Xerox® Two-Tray Oversized High Capacity Feeder (with Top Tray)

The Feeder device never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.

Xerox® Two-Tray Oversized High Capacity Feeder (without Top Tray)

The Feeder device never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.

Third Party Feeders

Tecna Sheet Feeder

The Tecna Sheet Feeder device never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.

Finisher Module Descriptions

The text below details the information regarding the volatile and non-volatile memory contained in the Brenva Digital Press supported finishers. This document lists the available options. Depending on the configuration purchased, your system will contain one or more of these devices.

Note: None of these devices store any job data in electronic form.

Xerox® Production Stacker

The High Capacity Stacker finishing device never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.

Third Party DFA-Connected Finishing Devices

CP Bourg 3202 Perfect Binder

The Bourg Perfect Binder finishing device never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.

GBC Fusion Punch II

The GBC Fusion Punch finishing device never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.

Watkiss PowerSquare 224 Booklet Maker

The Watkiss PowerSquare 224 Booklet Maker never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.

CP Bourg Feeder and Booklet Makers (models BSFEx, BDFEx, and BMEx)

The CP Bourg Feeder and Booklet Makers never contain any job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.

Multigraf Stacker

The Multigraf Stacker finishing device never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.

Rollem JetSlit

The Rollem JetSlit finishing device never contains job data or Personally Identifiable Information. All memory inside the device is used for configuration settings and normal operation. Removal of any memory will void the warranty. Access to any memory is by system programs or diagnostics only.

Media/Storage

Complete this table if the device has media storage capability.

Media Storage					
Type (disk drives, tape drives, CF/SD/XD memory cards, etc.)	Size	Removable (Y/N)	User Modifiable (Y/N)	Function	Process to Clear
*****	*****	*****	*****	*****	*****
Additional Information:					

RFID Device Descriptions

Complete an entry for each RFID tag.

RFID Devices	
RFID Tag Location	Purpose

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