

Overview



Nuvera™ Digital Production System



New opportunities. New realities.
A truly new system that you design,
perfectly tailored to your production needs.



Unmatched flexibility, exceptional productivity, benchmark

Flexibility

Your solution. No one else's.

The Nuvera™ Digital Production System becomes your unique digital production solution through flexibility *enabled* by modules... configurability that extends through every workflow, across every print environment, and into every job.



Your workflow

Enabling the way to new opportunity

The Nuvera™ Digital Production System works in conjunction with the **Xerox FreeFlow™ Digital Workflow Collection**—a growing suite of workflow solutions from Xerox—to fit easily into your workflow. Developed to open industry standards, FreeFlow™ solutions are designed to let customers leverage their existing workflows and enable increased productivity and profitability. FreeFlow™ products enable more capabilities for output, process, and business shop management in environments from in-plant to commercial print and are mainstays of the digital production workflow—from familiar Xerox names like DocuTech®, DocuSP®, EOMS® and VIPP®, to software and finishing devices developed by over 100 Xerox Business Partners.

Your environment... and your jobs

The Nuvera™ Digital Production System excels at producing publishing jobs.

The System delivers immediate benefits as well as the opportunity for meaningful business improvement and growth. This is enabled by the ability to handle a wide range of data streams.

- PostScript™
- ASCII
- PDF
- PCL6
- TIFF
- VIPP/PostScript
- Multi-page TIFF

Productivity

From start to finish and everywhere in between.

The Nuvera™ Digital Production System assures exceptional productivity from its robust feeding, to its powerful DocuSP® processing, to its highly adaptable finishing.

TURNAROUND TIME USING A VARIETY OF INLINE FINISHING DEVICES

Finishing Transport Module



- Booklet Makers
- Staplers
- Perfect Binders
- Punchers
- Stackers
- Inserters
- Thermal Binders



OR

Your stronger business

More productivity from DocuSP... and your operators

The Nuvera™ Digital Production System assures exceptional productivity due in large part to the **DocuSP® software** that powers it and a fleet of other Xerox production devices. The implications of that are huge. Because of the common core of powerful software, operators already familiar with DocuSP® will require less training to run the Nuvera™ Digital Production System.

- **Resource-based scheduling** assures the resources for printing are present before the job is scheduled.
- **Virtual printers** enable the batching of jobs for a more continuous production flow. Up to 100 queues perform specific operations on every job sent to that queue.
- **Page-level programming** applies specific programming to each page within a job, giving the operator total control even for the most complex jobs.

- The Nuvera™ Digital Production System brings industry-leading **SmartPress™ PLUS Paper Handling** dependability and robustness to handle a wide range of paper types, sizes, and weights. A **stock library** within DocuSP® allows you to program the characteristics of a stock once. When selecting a stock for any tray, SmartPress™ Plus Paper Handling understands the unique characteristics of that stock and makes adjustments to successfully print each job.
- **Remote workflow** allows you to control any number of DocuSP®-based printers and manage their jobs from anywhere on the network.

* Available post-launch.

Your system

Modularity makes for a perfect fit

The Nuvera™ Digital Production System maximizes productivity by being a modular solution, perfectly tailored to your needs.

Paper Feeding—With up to two **feeding modules**—each containing four paper trays—you can have as many as eight pick points for imaging, enabling long print runs and complex, multi-stock jobs. A 5,760 sheet, four tray insertion module can feed pre-printed and specialty stocks into jobs, bringing your total feeding capacity to 12 paper trays 17,280 sheets. Coupled with **Load While Run** capabilities, the robust feeding capacities provide incredible levels of continuous productivity.

Finishing—The **basic finishing module** staples and stacks up to 3,000 sheets, providing incredible productivity for either inline or offline finishing. And the **Finishing Transport Module** opens up the Digital Production System to a huge range of inline finishing options by making it possible to add any Document Finishing Architecture (DFA)-compliant finishing device to your Nuvera™ Digital Production System.

Certain Nuvera™ Digital Production System feeding, finishing, and data stream modules will be introduced over time. Check with your Xerox representative for specific configuration availability.

The Nuvera™ Digital Production System... where your

A Scanning options to fit into any workflow

• Distributed scanning with DigiPath® and the FreeFlow™ Scanner (DocuImage 665) makes all of the prepress functions you perform on digital documents easier. With this solution, the Nuvera™ Digital Production System fits into workflows that already use DigiPath® and rely on it for flexible makeready and astounding image quality.

• The optional onboard scanner makes the Nuvera™ Digital Production System a fully integrated document solution with industry-leading scanning speed and productivity.

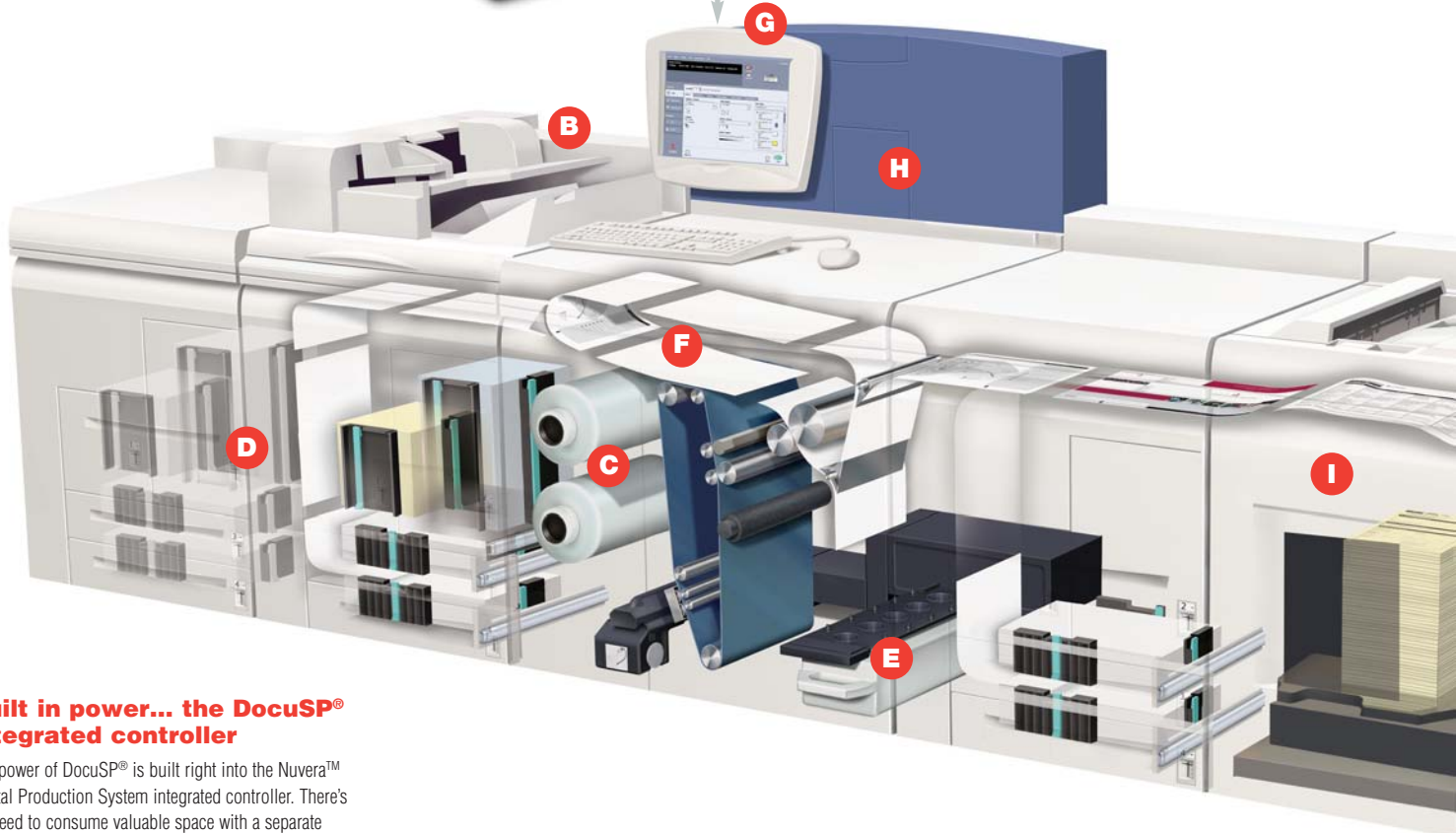
• You can also choose both scanning options or neither.

C Change toner less often with dual toner cartridges

Each of two large volume canisters yields up to 110,000 prints, meaning that you change toner less often. When you do, you can do it while the Nuvera™ Digital Production System continues to run.

D Robust feeding—more jobs and continuous operation

The Nuvera™ Digital Production System technology employs heaters, blowers, and a shuttle vacuum feed to handle a wide range of media types. When one tray runs out of media, the Nuvera™ Digital Production System automatically switches to another holding the same type.



G Built in power... the DocuSP® integrated controller

The power of DocuSP® is built right into the Nuvera™ Digital Production System integrated controller. There's no need to consume valuable space with a separate workstation for system administration.

- Printer, Job, Queue (100 virtual printers), and Administration services provide full control and management of the system.
- Concurrency to RIP, print, scan, and program, all at the same time.
- Features a built-in Sun™ Blade 2500 processor with the horsepower for even the most complex jobs and challenging production environments.

H Flexibility in accepting jobs

The System can accept jobs via:

- CD-RW/DVD
- Ethernet interface (10/100 BaseT; 1 GB)
- Token Ring

I Inline finishing that gives you more choice

The robust finishing module:

- **Stacks** up to 3000 sheets (20 lb/75 gsm).
- **Staples** with one or two staples in sets of up to 100 sheets.

unique needs meet their unique solution.

Xerox Nuvera™ Digital Production System

E Image quality and reliability from a clean imaging environment

The Nuvera™ Digital Production System maintains a pristine imaging environment for better quality and greater reliability. Cyclone Cleaning technology removes stray toner and paper dust and particles from the imaging unit. And at intervals, the Digital Production System automatically cleans the corotron wires, which are critical in achieving its industry-leading image quality.

F Outstanding registration—enabled by TELER

TELER registration precisely controls:

- The position and skew of each sheet of paper according to the image on the photoreceptor.
- The speed of each sheet traveling through the paper path to assure that it is in exactly the right position to receive the latent image.

The result is superior image-to-sheet (.75 mm) and front-to-back (.75 mm) registration.

J A world of finishing options... the Finishing Transport Module

Booklet Makers

- SquareFold™ Booklet Maker
- C.P. Bourg BDFX
- ASF SquareFold™*



Perfect Binders

- C.P. Bourg BBF 2005



Punchers

- GBC® Fusion Punch II



Stackers

- DS5000
- Roll Systems Signature Stacker*



Stapler/Stackers

- SquareFold™ Booklet Maker
- C.P. Bourg BDFX
- ASF SquareFold™*



Thermal Binders

- DB120-D



Coated... uncoated... the stocks customers want

Type—Coated paper, bond, Bristol, cover, index, offset, recycled, transparencies, carbonless, labels, tabs, and preprinted forms... all of which can be loaded in any paper tray.

Size—From 7" x 10" to 12.6" x 18.5" (178 mm x 254 mm to 310 mm x 470 mm)

Weight—From 40 lb text to 80 lb cover (56 to 216 gsm).



OR



* Available post-launch.

The Nuvera™ Digital Production System... designed for

Image quality

Proven results on every page.

With over 300 patents and industry-leading technologies, the Nuvera™ Digital Production System delivers proven results and the stellar image quality that can only result from true innovation.



Your customers

Seeing the quality on every job

With the Nuvera™ Digital Production System, every page of every job will exhibit truly outstanding image quality.

- The Nuvera™ Digital Production System and its **SmartPress™ Imaging** provide consistently accurate images and precise registration—.75 mm image-to-sheet and front-to-back registration—at unprecedented speeds.
- Halftone line screening at up to an unprecedented **156 lines per inch** results in smoother grays, more realistic pictures, increased sharpness and detail, and a look that is closer to magazine quality. 85, 106, 125, and 134 are also available as choices.

DigiPath® scanning means *intelligent* scanning:

When scanning, DigiPath® looks at the different elements on the page and processes each element independently and automatically—for outstanding image quality at 65 ppm.



- DPI is only part of great image quality... but it is a part in which the Nuvera™ Digital Production System excels. It RIPs at 1200 x 1200 dpi and prints at 4800 x 600 dpi, delivering remarkably crisp text and high-quality images.
- The Digital Production System uses **center registration**, rather than edge registration, helping to maintain superior image placement on the sheet.
- **Trickle Charge Development**, which mixes toner and developer together in the toner canister, ensures longer-lasting, more consistent image quality. It also reduces service calls by eliminating the need for a technician to replace the developer. With the Nuvera™ Digital Production System, developer is replenished continuously.
- **Hybrid Jumping Development** places toner on the photoreceptor without any contact, extending the life of several critical imaging components and delivering truly outstanding image quality, with uniform halftones.
- Paper can be critical to image quality—jobs simply look better on certain stocks. The Nuvera™ Digital Production System's ability to print on a wider range of stocks—including coated papers—enables the highest levels of image quality.

Reliability

Demands for uptime just met their match.

Customers have consistently told us that reliability is of the utmost importance. In response, we built the Nuvera™ Digital Production System to be one of the most durable production printing solutions on the market.



Your bottom line

More uptime. More satisfied customers.

With your bottom line in mind, every decision around the Nuvera™ Digital Production System was made in the name of reliability, increased uptime, and greater serviceability.

- **SmartPress™ Sentry** was adapted to watch over the Nuvera™ Digital Production System and to make adjustments to optimize system performance.
- SmartPress™ Sentry's optional **Command Center** allows the Digital Production System to send data—with your permission—to Xerox exactly when the System is experiencing an issue needing resolution. This provides Customer Service Technicians—and Xerox design engineers—the information they need to diagnose issues remotely, show up on site armed with information, and deliver maximum uptime and productivity.
- The Nuvera™ platform is engineered so that parts last longer and the entire system needs service less frequently. Innovations such as **Cyclone Cleaning** reduce component wear and contribute to the longer periods of flawless operation.

- When service is necessary, the Nuvera™ Digital Production System is easily accessible. The vast majority of service can be performed at the front of the system, where components slide from the machine on heavy-duty rails to provide easy access.
- Entire assemblies are self-contained, modular, and simple for Customer Service Technicians to install—most in seven minutes or less!
- A comprehensive global network delivers local maintenance and support at the point of need.
- A certified support center provides live support, 24 hours a day, seven days a week, to resolve problems fast.
- Global knowledge-sharing databases provide instant access to the latest solutions and innovations.

Together, these services are proof that Xerox is at your service... wherever and whenever you need us.

An assistant that's everywhere at once

The eSupportCentre Online Assistant is anywhere the Internet is. You can use it as the first step in diagnosing and fixing a problem for many Xerox products. You can also download updated drivers, access support documentation including step-by-step instructions as well as graphics and video clips, and request a service call.



For more information on the Xerox Nuvera™ 100/120 Digital Production System, call **1-800 ASK XEROX** or visit us on the Web at: www.xerox.com

Protecting you... and the environment

Protecting your investment

In the demanding production print environment, equipment has to stay current to provide the best results and to protect your investment. As part of your Full Service Maintenance Agreement for the Nuvera™ Digital Production System, you get the peace of mind of the Investment Protection Plan.

For as long as you own the Digital Production System under a Xerox Full Service Maintenance Agreement, if a processor hardware upgrade is necessary to run the most recent DocuSP® software, Xerox will provide that upgrade for you. You can rest assured that your Nuvera™ Digital Production System is always fully prepared to give you the best that Xerox has to offer.

- The huge edge that you gain by moving to the Nuvera™ Digital Production System will not be left behind in the wake of fast moving technology.
- Your hardware will always be fully capable of running each new release of DocuSP® software, which provides continuing advancements in productivity, image quality, reliability, and flexibility.
- You can be confident that the investment you make in the Nuvera™ Digital Production System will be protected over the long term. Your cutting edge System will remain exactly that, far into the future.

Friendly to business... and to the environment

There is no reason technological excellence has to come at the expense of the environment. Xerox, with our long history of environmental leadership, has learned that what's good for the environment can be good for business and for our customers.

The Nuvera™ Digital Production System was designed to be kind to our planet:

- Reduces waste through efficient transfer of dry ink to paper.
- Uses replaceable units that are designed for return and recycling.
- Makes efficient use of paper through print-on-demand, scan to electronic file, and reliable performance with recycled papers.



* Available post-launch.



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