

Xerox Nuvera® 100/120/144 MX  
Production System  
Xerox Nuvera® 200/288 MX  
Perfecting Production System  
Overview



Xerox Nuvera® 100/120/144 MX  
Production System  
Xerox Nuvera® 200/288 MX  
Perfecting Production System  
Produce Consistent, Durable and  
Secure Transactional Documents



# Your jobs demand image quality that ensures instant character recognition.

**The content of your checks and other transactional output will never be in doubt when you produce your critical applications with the Xerox Nuvera® 100/120/144 MX Production System or Xerox Nuvera® 200/288 MX Perfecting Production System.** With over 300 patents and industry-leading Magnetic Ink Character Recognition (MICR) technologies, the Xerox Nuvera® MX delivers image quality that is instantly recognizable by reader/sorters and by your customers. These systems offer the flexibility, productivity and reliability you expect for all of your jobs.

## Why MICR?

MICR printing provides a more reliable reading process over OCR or bar codes. MICR encoded documents can be read through overprinting, pen and pencil marks, etc. With the increase in volumes of check and remittance information being processed, using MICR provides security, quality, cost and speed benefits for both encoding and recognition. Using MICR reduces processing errors and shortens the time to capture revenue. With Xerox, adding MICR is even more cost-effective, since the printing of checks and remittance documents, such as credit card statements, utility bills and loan payments, can be done in a single pass for both normal text and MICR fonts.

## The best read rates of any MICR lines

Your characters will maintain uniform signal strength plus the durability to last in high-speed readers/sorters. Expect read rates consistently exceeding 99.5% for your applications printed on the Xerox Nuvera MX—the highest read rates in the industry. Our use of industry-leading MICR technologies ensures more of your checks will be accepted, avoiding costly delays and fees. Your checks and negotiable documents will surpass the demanding quality criteria established by entities such as the American Bankers Association, American National Standards Institute, Canadian Payments Association, International Organization for Standardization and Association for Payment Clearing Services.





# Affordable MICR printing and finishing expands your applications and business.

**Do more with MICR! MICR extends from checks to any form of document processing information.** From internal bank documents to remittance documents, such as a payment coupons and transactional applications, add MICR for more accurate, secure, fast processing. With the Xerox Nuvera® 100/120/144 MX Production System and Xerox Nuvera® 200/288 MX Perfecting Production System, it's one pass printing for reduced operational costs. And Xerox Nuvera can be customized to suit your business needs, accommodating a range of applications.

## Ideal for Your Transactional Applications

You can rely on the Xerox Nuvera MX to efficiently handle your demanding MICR transactional applications such as checks, financial forms and negotiable documents. And you can expand your enterprise capabilities with transactional promotional (TransPromo) documents that add value and impact while significantly enhancing your return on investment.

## Customize to Suit Your Business

The Xerox Nuvera MX is modular so you can choose the scanning, feeding, inserting and finishing options that best meet all of your needs.

- **Feeding options.** Air shuttle feed technology ensures you excellent paper handling. Reload-while-run capabilities increase your continuous productivity. Choose up to two Standard Sheet-feed Modules to suit your workflow.
- **Inserting options.** You can add value and impact to your output by inserting color covers, inserts or specialty media with our Post-print Insertion Module.

- **Finishing Options.** The Xerox® Production Stacker delivers maximum efficiency in a very small footprint, setting a new standard for print shop productivity. It delivers 2,750 sheet stacks at waist height and runs continuously until an operator unloads it. Once unloaded, this process repeats over and over until the entire print run is complete. The device's optional Stack Cart easily removes and transports stacks printed on Xerox Nuvera and iGen4® devices for near-line or off-line finishing. The cart is also uniquely designed to integrate with the Xerox® Production Stacker and features an adjustable delivery plate that can be fine-tuned from 20 mm to 200 mm from floor level.

The DS3500 Stacker can stack up to 3,500 sheets while, at the same time, serving as a transport module that rotates, orients and delivers sheets of paper to downstream in-line finishers. The DS3500 can easily connect the Xerox Nuvera 200/288 MX Perfecting Production System to any third-party finisher.

The Basic Finisher Module (BFM) stacks and staples documents and works well with all stackers in the finishing portfolio. All BFM's are capable of stacking up to 3,000 sheets (20 lb/75 gsm) and can staple up to 100 sheets, using one or two staples. The BFM comes in a tandem configuration for those who need maximum productivity for stapled sets. The BFM+ and BFM-Direct Connect can also pass paper to downstream third-party finishers or any stacker in the Xerox Nuvera finishing portfolio.



Xerox® Production Stacker

## Powerful Productivity and Image Processing

The powerful Xerox® FreeFlow® Print Server is integrated right into the Xerox Nuvera® 100/120/144 MX Production System and Xerox Nuvera® 200/288 Perfecting Production System, providing you with excellent job control and time-saving efficiency in your transactional and TransPromo environments. You'll enjoy feature benefits such as:

- Efficient queue management
- Integration with a robust stock library
- Imposition software
- Sophisticated variable data capabilities
- The ability to handle a wide range of data streams including LCDS, PCL and IPDS

## Workflow Options

The Xerox® FreeFlow Digital Workflow Collection is designed to take you easily through every stage of managing your jobs, from creation to final output. Integrating with the Xerox Nuvera MX, this suite of optional solutions enables you to enhance, automate and simplify your existing workflow, increasing productivity and making the most of your investment.

## Enhance your output with excellent image quality.

Many factors contribute to the long-lasting, consistently excellent image quality you will achieve with the Xerox Nuvera MX, including:

- **Trickle Charge Development.** You'll achieve longer-lasting, more consistent image quality because toner and developer are mixed together in the toner canister. You can also plan on fewer service calls because



**Woodstone-Smith Imaging, Inc.**  
5200 Delaware Avenue • Buffalo, NY 14340  
716.555.1234

### INVOICE

Statement Date May 15, 2009  
Page 1 of 2

Amount Due **\$20.00**  
Due Date **June 18, 2009**

Insurance has paid their portion of this invoice. You are responsible for the balance. Please make payment in full by the date above.

Questions? Call 716.555.1234

Account Number **1234 56 7890**  
Patient Name **Jennifer Gallagher**  
Referring Doctor **Mary Johnson, MD**

Service Details				
Date	Practitioner	Code	Description	Amount
04/06/09	Williams	74249	Contrast MRI U&LGI Tract L2	\$221.85
04/06/09	Williams	74250	Contrast MRI U&LGI Tract L3	\$221.85
04/06/09	Williams	74246	MRI of UGI Tract	\$821.33
04/06/09	Williams	74246	MRI of LGI Tract	\$821.33
04/09/09	Havensport	74246	Process INT. Digital Film Transport	\$25.85
04/14/09	Havensport	74246	Primary Internal Consultation	\$421.00
04/14/09	Havensport	89508	Internal Admin. Follow-up	\$50.00
Payment Details				
04/06/09		2010	Patient Co-Pay	-20.00
04/28/09		3399	Managed Care HMO Contractual Adj	-2086.36
04/28/09		3314	Blue Choice HMO Payment	-242.10
05/28/09		3314	Supplemental Aetta Ins. Payment	-210.25
<b>Balance</b>				<b>\$24.15</b>



**DXA Scans Can Detect Osteoporosis**  
Osteoporosis is a disease of the skeleton whereby the bones become brittle. Osteoporosis can occur in both men and women of all ages and ethnicities. Until recently, a fracture was the only way to tell if a patient could have osteoporosis, but with the technology of bone densitometry testing (DXA scan), we can be proactive in detecting low bone mass.

**Talk to your doctor about whether a DXA scan is right for you or call us at 716-555-5678.**

▼ Detach here and mail payment coupon with your payment ▼

Account Number **1234 56 7890**  
Patient Name **Jennifer Gallagher**

Card Used  VISA  MASTERCARD  DISCOVER  AMEX  
Card Number \_\_\_\_\_  
Signature \_\_\_\_\_  
Exp. Date \_\_\_\_\_  Check here if address or insurance information is incorrect and indicate change on reverse side.

**PAYMENT COUPON**

Amount Due **\$20.00**  
Due Date **June 18, 2009**  
Amount Enclosed \$

Make checks payable to:



**JENNIFER GALLAGHER**  
26 HILLSIDE ROAD  
WEBSTER NY 14580-1234



**WOODSTONE-SMITH IMAGING**  
PO BOX  
BUFFALO NY 14240-1234

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it eliminates the need for a technician to replace the developer; 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.

# Economical, secure digital MICR— high-quality printing in any quantity.

**Print transactional and TransPromo applications as you need them. Digital MICR printing eliminates the need to run large quantities.** Advanced paper-handling capabilities of the Xerox Nuvera® 100/120/144 MX Production System and Xerox Nuvera® 200/288 MX Perfecting Production System allow you to print on all paper stocks—including coated-opening up possibilities that never before existed. Coupled with advanced security for E-13B and CMC7 fonts, Xerox Nuvera MX delivers the all-around solution to your MICR printing needs.

## **You can change toner less often with dual toner cartridges.**

Each of two large volume canisters yields up to 110,000 of the highest quality MICR prints. You'll change toner less frequently. And with change-while-run cartridge replacement, you'll enjoy more uptime.

## **You'll get excellent resolution to print your non-MICR jobs.**

The Xerox Nuvera MX offers you the highest monochrome resolution of any digital production printing system currently available.

- RIPs at 1200 x 1200 dots per inch (dpi)
- 4,800 x 600 dpi printing
- Halftone screens available at 85, 106, 125, 134 and 156 lines per inch (lpi)—ensure smooth grays, more realistic pictures and sharper details

## **TELER registration keeps sheets in place.**

You'll see superior image-to-sheet ( $\pm 0.65$  mm) and front-to-back ( $\pm 0.65$  mm) registration, which meets or exceeds general publishing standards. This is particularly important for your financial documents where placement of the MICR line is critical. Our TELER registration (Translating Electronic Registration) precisely controls the position of each sheet of paper according to the image on the photoreceptor and the speed of each sheet traveling through the paper path. In this way, it ensures each sheet is in exactly the right position to receive the latent image.

## **Paper Handling for Accuracy**

MICR printing is one of the most quality conscious applications within the printing industry. It must meet strict security requirements for negotiable documents. MICR processing is not subjective—the quality of the printing is judged by a machine. To be effective, MICR must be exact. The Xerox Nuvera 100/120/144 MX Production System and Xerox Nuvera 200/288 MX Perfecting Production System have paper handling designed for the highly accurate registration required for precise placement of the MICR line to maximize readability during processing.



Xerox Nuvera® 288 MX Perfecting Production System

## Reliably Productive For You

We offer these options to ensure you enjoy maximum uptime from your Xerox Nuvera® 100/120/144 MX Production System and Xerox Nuvera® 200/288 MX Perfecting Production System.

### Xerox® prInteract® Remote Service Offerings

Remote service features, including Automated Remote Monitoring and On Demand Machine Data Transfer, are available through a secure, online connection between the Xerox engineering staff and your Xerox Nuvera MX. Using this connection, we can quickly respond to your service needs, enabling us to:

- Easily access equipment data to provide real-time recommendations and help optimize overall performance
- Automatically generate up-to-the-day accurate meter reads with MeterAssistant®

### Xerox MICR Check Performance Guarantee

In the event we are unable to resolve an issue, we will reimburse you for fees you are required to pay to your bank for excessive rejects of checks printed after Xerox was notified of the problem, and where it is verified by Xerox that Xerox® MICR materials or printer-related check defects are the cause of the imposition of the fees.

**Be sure all of your transactional applications are readable and secure.**

The Xerox Nuvera® 100/120/144 MX Production System and Xerox Nuvera® 200/288 MX Perfecting Production System offer you outstanding MICR capabilities and top read rates, plus flexibility, productivity and reliability for all of your jobs. You'll achieve the image quality you need for instant recognition!

For more information on Xerox Nuvera MX, call 1-800-ASK-XEROX or visit us at [www.xerox.com](http://www.xerox.com)



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