Keep your business in the black.

xerox™

What if a print technology could unlock a healthier bottom line?

The Xerox Nuvera® Family of Presses helps keep business in the black.

During that time, we have never stopped adapting, evolving, and re-imagining what it takes to help print providers adapt to the changing high-volume digital monochrome print market.

In today's full-color world, monochrome continues to thrive. In fact, according to Keypoint Intelligence/InfoTrends, while others may be waning, Nuvera's print segment (135-199 ppm monochrome cut-sheet) is among the least impacted by current market trends.*

As markets evolve and your customers' needs shift, we've focused our technology development in the areas that help you **adapt, automate,** and **win.** Innovations center on amplifying and optimizing your productivity, output quality, application flexibility, and data security—because that's where you'll see the greatest ROI.

*Cut-sheet Monochrome Application Volume by Major Category (U.S. and Western Europe), Keypoint Intelligence/InfoTrends, January 2021.

100
100
100

ADAPT WITH NUVERA

Configure from a platform of leading technology innovations that **continue to evolve.**

There's an ebb and flow to every print business. Nuvera can help keep your print runs profitable—regardless of their size— with faster changeovers, the highest quality in image and text, and the industry's widest media latitude.

With flexible feeding and finishing options, lightning-fast data processing, and the industry's most accurate MICR read rate,* the Nuvera platform is the ultimate success enabler for monochrome print.
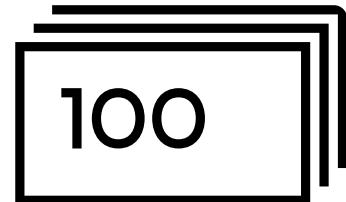
AUTOMATE WITH NUVERA

Integrated intelligence to **liberate true productivity.**

Integrated technologies assure sheet flatness, our unique pass-through programming on tandem models keeps jobs moving, and Xerox® FreeFlow® Core automates and optimizes workflow. Our post-fuser insertion module makes it easy to add covers and color pages for faster and more efficient finishing.

You'll deliver on SLAs with the highest quality output while keeping costs in check and protecting your reputation for dependability.

WIN WITH NUVERA

Surge to deliver on opportunities and **grow your business.**

You'll attract new customers with the ability to produce the applications that matter—whether transactional, direct mail, books, and manuals—all produced with competition-busting accuracy and 4800 x 600 dpi image quality.

Print the applications that drive success for you—and your customers—on the press family engineered and constantly upgraded to remain the first, best mono platform in the industry.

Adapt and deliver with the industry's most configurable platform.

Every entry in the Xerox Nuvera® Family of Presses is specifically engineered for high-volume, high-speed monochrome print at levels of output quality unrivaled by comparable systems.
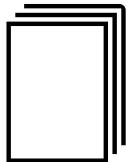
FEEDING—UP TO 4
Sheet-feed and third-party roll-feed options for standard or specialty media.

Leverage oversize stocks up to 12.6" x 19.3" (320 mm x 491 mm) in two trays, double it up for a 5,800-sheet capacity in four trays, or mix and match sheet-feed modules in any combination for a potential 23,200-sheet capacity and as many as 16 pick points.

Choose an optional roll feeder for up to five hours of continuous operation.

TONER—CHOOSE 1
Select compatibility for either Xerox® EA Toner or MICR (MX) Toner.

Fine-particle EA toner renders incredible detail, delivers the deepest blacks, and an offset-quality matte finish. Our Magnetic Ink Character Recognition (MICR) toner is the envy of the industry, with a 99.5% read rate.
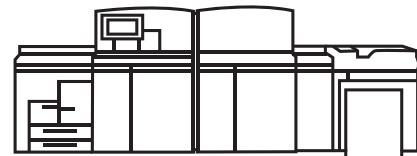
PRINT ENGINE AND SPEED
Single or tandem engines at 120, 144, 157, 288, or 314 images per minute.

Speed is the name of the game. Select a tandem engine model for faster speeds and increased productivity.

Our unique ability to offer tandem engine options embodies Nuvera's ultimate scalability.

## Printing applications that matter.

From transactional and transactional promotional (TransPromo) applications to checks, bills, statements, books, manuals, and more, Nuvera makes it easy for you to add value and deliver so critical documents get in recipients' hands on time, and with great quality.
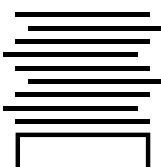
INSERTION—UP TO 2
Insert preprinted covers, color pages, and more.

Add value and impact to your output by inserting color covers, inserts, or specialty media with our post-print Insertion Modules. Choose our 5,800-sheet High Capacity Insertion Module, our 3,200-sheet Large-Format Insertion Module. Configure two of these load-while-run modules together for a maximum 11,600-sheet capacity.
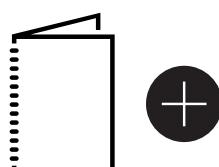
FINISHING—VARIES BY OPTION
Includes multiple stackers and finishers by Xerox, along with third-party options.

Stackers include high-capacity, unload-while-run and roll cart options.

Choose from a wide variety of inline and off-line professional finishing options from Xerox and industry-leading third-party suppliers to accelerate the production of professionally finished documents.

Explore finishing options at www.xerox.com/nuvera

Stacking
Collating
Stapling
Saddle Stitching
Folding
Booklet and Book Making
Square Fold Booklet Making
Face Trimming
Hole Punching
Double Punching
Tape Binding
Wire Binding

The first family of monochrome production.

Nuvera print engines have produced more mono pages than any other—in the industry that Xerox created. Whether single or tandem, Xerox® EA Toner- or MICR-capable (MX), you'll get scalability and outstanding delivery with these shared features:
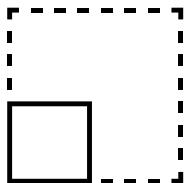
INFINITE SCALABILITY

Extensive modularity and flexibility, with the ability to add temporary or permanent speed upgrades as volume grows.

Support for a wide range of native data streams, including formats like LCDS, IPDS, Postscript, and PDF.
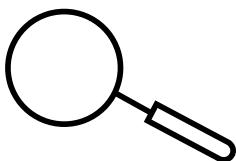
EXCEPTIONAL IMAGE QUALITY

Offset-like monochrome image quality with EA or MICR Toner

The highest monochrome print resolution available—4800 x 600 dpi with 1200 x 1200 dpi RIP
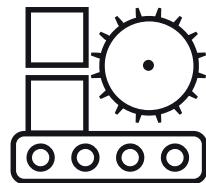
OUTSTANDING DELIVERY

High productivity and uptime for healthy ROI

Wide media latitude

Robust feeding, stacking, and finishing options

Single Engine Options:

Xerox Nuvera® 120 EA/MX Press

Up to 120 ppm

Up to 1.5M AMPV

Xerox Nuvera® 144 EA/MX Press

Up to 144 ppm

Up to 2M AMPV

Xerox Nuvera® 157 EA/MX Press

Up to 157 ppm

Up to 2.2M AMPV

SINGLE ENGINE ADD-ONS THAT BOOST PRODUCTIVITY AND QUALITY.

Add the optional **Productivity Pack** to your Nuvera 120, 144, or 157 EA Press (it's included with MX and tandem models), and enable up to 250 programmable queues and a stock library to promote efficient use of media.

Parallel RIP processing gets jobs on and off the press faster—basically providing the power of two Nuvera print engines.

The optional **Image Quality** Kit adds additional line screens to the standard 85 lines per inch, each contributing to smoother grays, more realistic pictures, and sharper details.

Tandem Engine Options:

Xerox Nuvera® 288 EA/MX Press

Up to 288 ipm

Xerox Nuvera® 314 EA/MX Press

Up to 314 ipm

Model numbers are based on speed, which directly relates to average monthly print volume (AMPV).

Up to 3M AMPV

Up to 4M AMPV

IT TAKES TWO TO TANDEM.

Tandem doesn't just mean side-by-side. It means working together to bring you benefits that far surpass the simple math of "one plus one."

A dual **Image Matching Algorithm** ensures identical image quality performance on each engine for seamless output.

Pass Through Programming allows simplex or duplex printing on one engine, while passing paper through the other unprinted. It keeps jobs on the move at 144, or 157 ipm while pending service in a variety of situations—turning potential down time into continued productivity.

# Media handling that is second to none—from end to end.

With every Nuvera press, you'll benefit from the widest possible media latitude to match every application need. Productivity and output quality is enhanced by technologies that condition paper, reduce jam potential, and prepare output for a big finish.

PRINT ON AN EXPANSIVE RANGE OF MEDIA.

Expect consistently high image quality on popular coated and uncoated stocks, including bond, bristol, cover, index, recycled, oversized, and specialty media like carbonless, never tear, preprinted offset forms, labels, and tabs.

THE LIGHTEST STOCK WEIGHT IN THE INDUSTRY.

With the ability to run the lightest stock weight in the industry—44 gsm—on our maximum sheet size, you can capture your share of the growing book and publications market while maintaining the signature Nuvera productivity, quality, and economics you and your clients depend on.
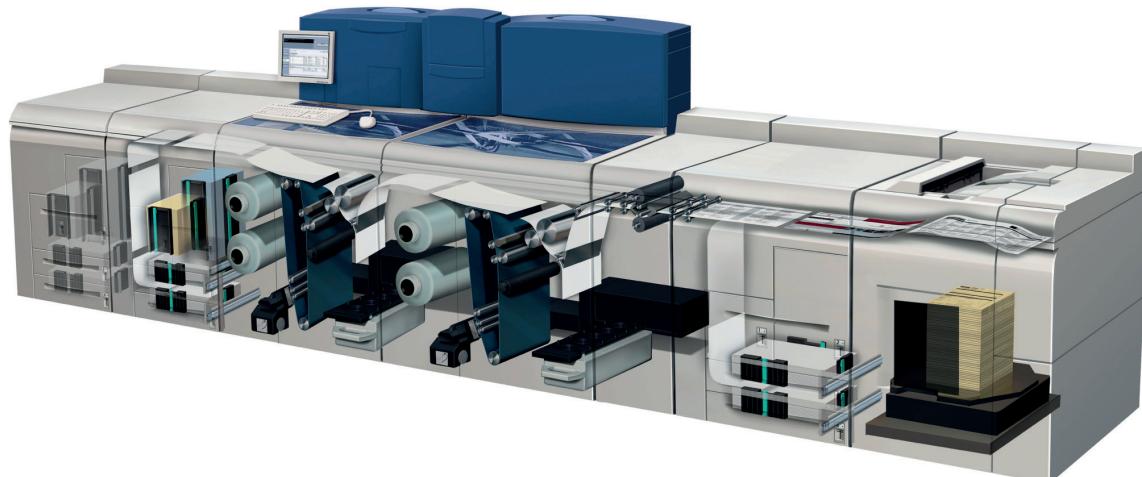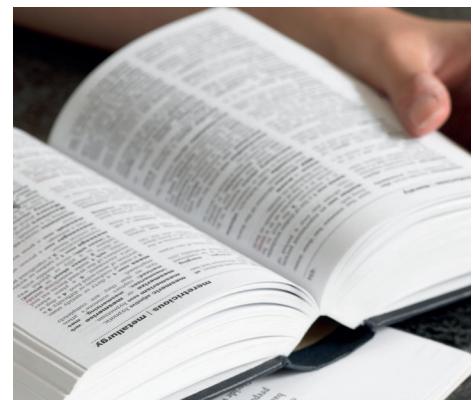
UNDER-THE-HOOD RELIABILITY:

An expansive recommended substrate list ensures each media type passes reliably through the Nuvera paper path. These are just two of the technology heroes that make it happen:

Paper trays rely on air shuttle feed technology. Processor-controlled, using information from the stock library, this technology ensures reliable feeding and supports heavier media and coated paper; air knives separate paper to avoid misfeeds.

Superb output starts with optimally flat sheets, delivered by our slim, automated **Sheet Enhancement Module** (SEM). These flatter, conditioned sheets yield better image quality and smoother print runs, including optimized stack quality.
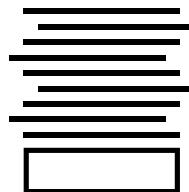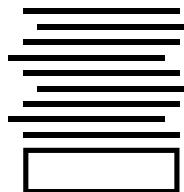
Earn a reputation for imaging excellence.

With the highest monochrome print resolution in the industry, coupled with technology that ensures consistently outstanding output, Nuvera keeps you primed for success.
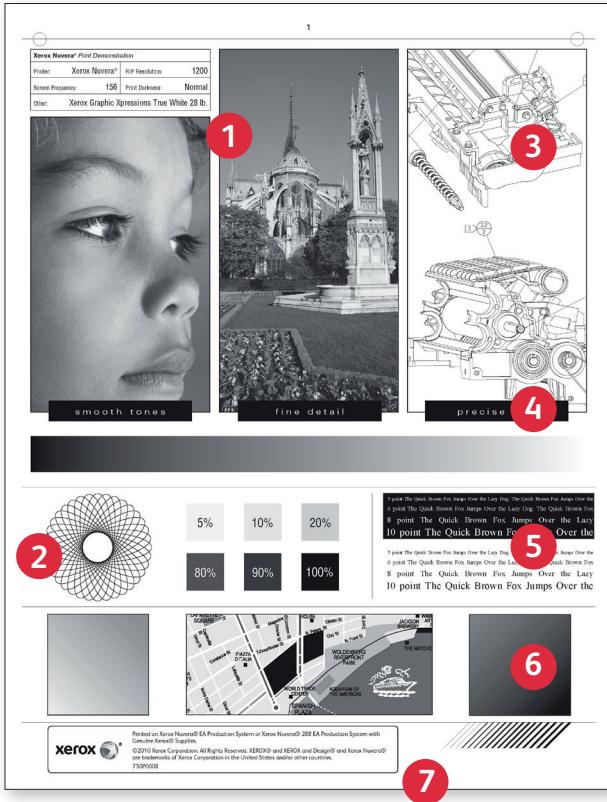
1 Excellent image rendition with a wide range of gray levels enhanced by an industry-leading combo of fine-particle toners and 4800 x 600 dpi print resolution

2 Even lines with smooth, uniform curves

3 Outstanding detail, enhanced by an industry-leading combo of fine-particle toners and 4800 x 600 dpi print resolution

4 Dark, uniform blacks

5 Sharp, highly detailed text rendering

6 Fine lines and tints

7 Benchmark Translating Electronic Registration (TELER) provides the superior image-to-sheet and front-to-back alignment required for book printing and checks

UNDER-THE-HOOD INNOVATION:

There are a number of Xerox-innovated active and passive automated technologies that contribute to Nuvera's image quality—adding up to better output and higher profit potential.

Our **Cyclone Cleaning Technology** automatically removes stray toner, paper dust, and particles, creating a pristine environment for consistently sharp text, images, and photos.

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

Automate with powerful technology.

Every print provider knows most operating costs are tied up in time-consuming, manual tasks and multi-touch, chaotic workflows. Your Nuvera press pairs an upgraded, versatile Xerox-exclusive print server with our own industry-leading workflow automation software for a significant production advantage that can transform your entire operation.
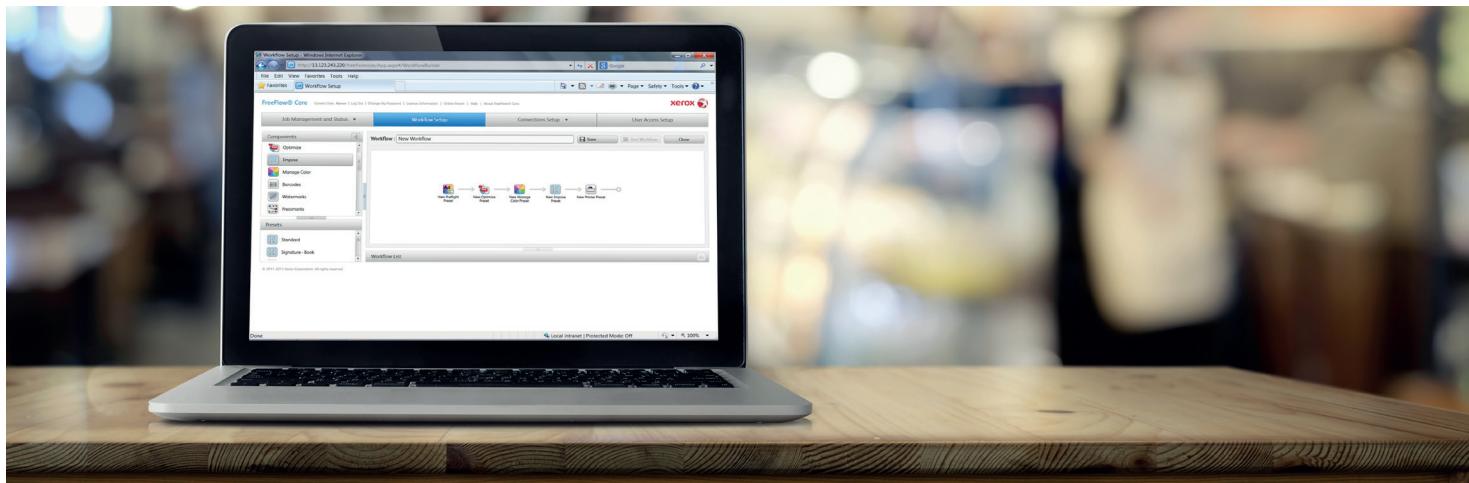
XEROX® FREEFLOW® PRINT SERVER

Every Nuvera features our FreeFlow Print Server with an updated motherboard and the Intel® Core™ i5-6500 processor running at 3.2 GHz. That's power to spare—keeping the press running at its rated speed on even the most demanding jobs.

The FreeFlow Print Server enhances your productivity, effectiveness, and—ultimately—your press's profitability in vital ways.

- Receive/RIP/print jobs concurrently for added speed and efficiency

- Print and reprint on demand with simple controls to preview, edit, impose, and more

- Automate job ticketing and customize job workflows with up to 250 programmable queues

XEROX® FREEFLOW® CORE— BEST-IN-CLASS PREPRESS WORKFLOW AUTOMATION.

FreeFlow Core is a prepress automation solution that speeds up the process of preparing jobs for the printer. With drag-and-drop simplicity, Core can automate your entire production process by transforming manual steps into programmed actions, with components that automate job processing decisions.

Intelligent, rules-based workflows provide routing and decision-making capabilities for seamless production of hundreds of different and complex jobs per day, including:

- Large booklets with inline finishing

- Small booklets, N-up with offline finishing

- Perfect bind

- Split cover and book blocks

- And much more

Learn more at **www.xerox.com/freeflow**

> **"We print more than 1.5 million prints per engine, month after month, year after year. This requires a highly reliable engine. Nuvera brings us this reliability every day."**
>
> Stephan Raymakers
> Managing Director, Speos

Data-safe and highly secure.

With Nuvera, you can be confident your integrity, confidentiality, availability, and accountability goals will be met job after job, day after day. Our security standards meet and exceed those of your most demanding customers, which means you won't have to turn down jobs with strict security requirements.

Removable Hard Drives: Enables alternate processing of classified and non-classified data or other confidential information for customers who need to consolidate equipment to reduce costs.

Transport Layer Security (TLS)/ Secure Socket Layer (SSL): Prevents unauthorized interception of the job by encrypting the data sent over the network.

BAA Authentication: When enabled, this feature requires users to provide a valid username and password before being able to access the Web UI interface.

IP Filtering: Allows the system administrator to restrict network access to the system based on the originating IP address.

Microsoft ADS Authentication: Users are able to authenticate by means of locally managed user accounts or log on locally using an account defined in a Microsoft ADS domain.
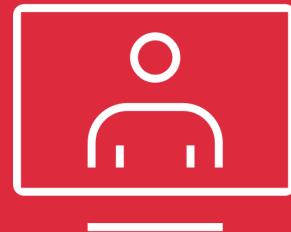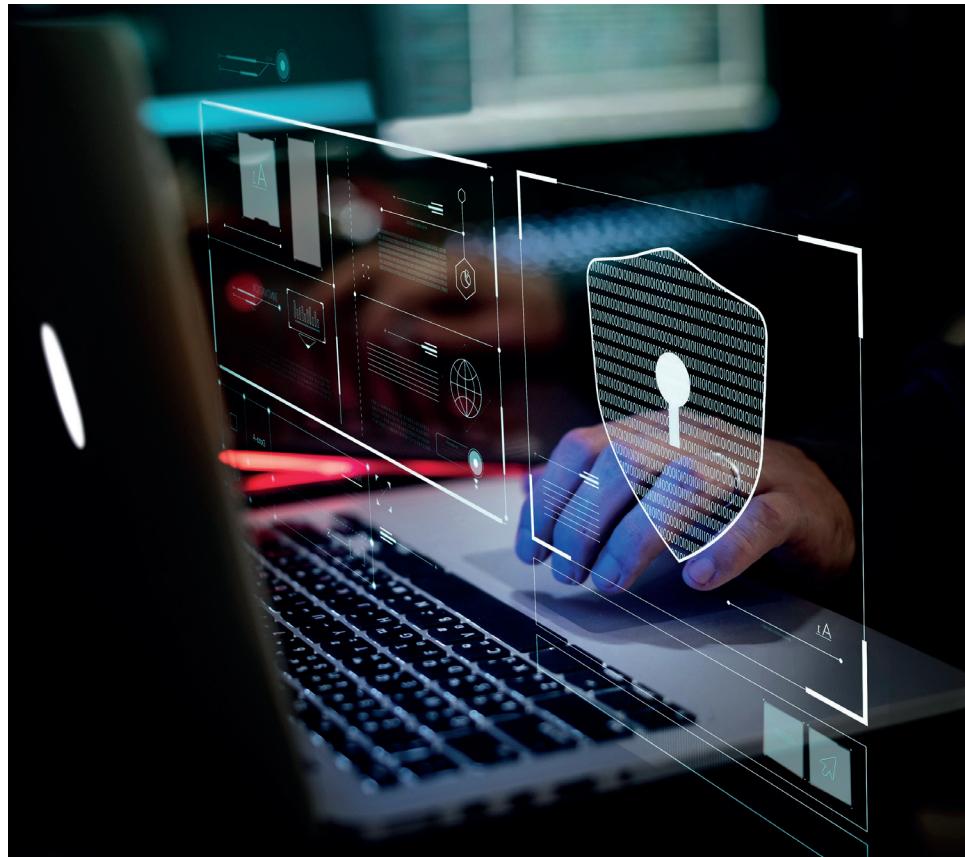
KEEPING YOU UP AND RUNNING.

Your Nuvera has you covered with **Direct Communication to Service** (subject to local availability). These intelligent systems can connect to your network and report service issues as they happen. Your Customer Service Engineer arrives prepared with the appropriate parts, reducing delays in production and maximizing your uptime.

Win with industry-leading innovation.

With 374 patents to date, the Xerox Nuvera® Family of Presses is a technology powerhouse that continues to evolve. The platform has been engineered and constantly upgraded to be the first, best monochrome option in the industry, including advantages such as:

Nuvera is the best of the best:	Most Dependable Uptime	Fastest Production Speeds	Most Durable, Offset-Exceeding Image Quality	Best MICR ReadRates in its Class
Lightest Stock Weights (44gsm!)	Powerful Workflow Automation	Flexible Finishing Options	Fastest Data Processing	Comprehensive Security
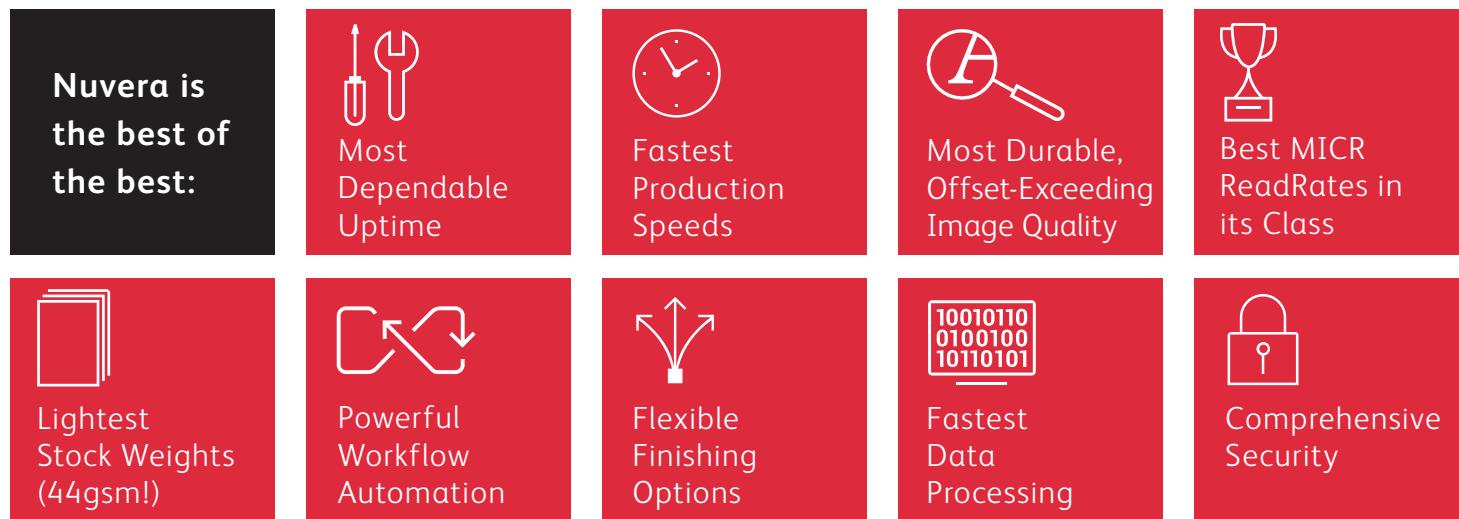
> **"Our passion is excellence in the printed word, our commitment is a quality product at an affordable price. Nuvera prints are amazing quality and uptime and service incredible."**
>
> Mark Hamby
> Founder, Lamplighter

Start your Nuvera journey today. Call your Xerox representative or visit **www.xerox.com/Nuvera**

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