

Xerox Nuvera[®] 144/157 EA and MX Production Systems

SPECIFICATIONS



PRINT CONTROLLER

RIP

- Xerox[®] FreeFlow[®] Print Server
- Server Class Processors:
 - AMD[®] Opteron[™] Technology
 - Sun[®] Solaris[®] 11 OS
- 3.0 GHz Dual Core Processor with 8 GB memory
- 19" color flat panel monitor (attached), USB keyboard, USB mouse
- Data Stream options:
 - TIFF/PCL[®]5e and PCL6/ASCII-standard
 - Adobe[®] PDF; Adobe PostScript[®] Level 3;
 - Multi-page TIFF; PPML; LCDS/Metacode;
 - IPDS[™]—includes support for QR barcodes, True Type[®] fonts (UTF-8)
- Connectivity:
 - Ethernet interface (10/100BaseT; 1 GB)

STORAGE

- Memory: 8 GB (RAM)
- Hard Drive: 500 GB SATA
- DVD + RW Drive (CD write only)
- Optional: 1 TB SATA Drive

SECURITY

- Solaris 11 OS
- Four administrator-selectable security modes and levels
- Fully customizable profiles for each level
- Encrypted job submission modes
- Secure print mode (restricts page reprints)
- IP address access filtering
- Strong password support
- Data overwrite option

PRINT SUBMISSION DRIVERS

- Microsoft[®] Windows[®] up to Windows 11
- Apple[®] Macintosh[®] through macOS Monterey 12
- Sun Microsystems[™] Solaris 2.6, 7.x, 8.x, 9.0, 10
- Linux[®] 2.x
- Web User Interface

PRINTER MODULE

Image Quality

- 1200 x 1200 dpi RIP resolution
- 4800 x 600 dpi print resolution
- Halftone screens: 125 lpi standard; optional enhanced line screens: 85, 106, 134, 156 lpi
- Operator adjustable settings: light/dark, contrast sharpness, Toner Saver
- Semi Conductive Magnetic Brush Technology (SCMB) with Emulsion Aggregation (EA) Toner
- Silicon/Teflon[™] fusing for sharper halftones
- Dual beam Raster Output Scanner (ROS)
- Print path image-to-sheet and front-to-back registration ± 0.65 mm

Toner

- EA Toner: 210,000 prints/4.1 kg bottle (one bottle per system, second optional)
- MICR Toner: 90,000 prints/5 kg bottle (two bottles per system)

Print Speed

- Simplex 8.5 x 11"/A4 speeds of 144 or 157 impressions per minute
- Simplex 11 x 17"/A3 speeds of 72 or 78 impressions per minute

MEDIA FEEDING AND INSERTION OPTIONS

Sheet-Feed and Insertion Modules*

- Four trays
- Total 5,800 sheets per module
- Vacuum Air Shuttle feed system
- Optional second module available
- Tray 1: 1,600 sheets (140 x 210 mm to 229 x 320 mm)
- Tray 2: 3,100 sheets (140 x 210 mm to 229 x 320 mm)
- Tray 3 and 4: 550 sheets each (182 x 203 mm to 320 x 470 mm)

HIGH CAPACITY SHEET-FEED AND INSERTION MODULES*

- Two trays
- Total 3,200 sheets per module
- Vacuum Air Shuttle feed system
- Optional second module available
- Tray 1: 1,600 sheets (182 x 203 mm to 320 x 491 mm)
- Tray 2: 1,600 sheets (182 x 203 mm to 320 x 491 mm)

EA MEDIA LATITUDE

- Uncoated: 44–300 gsm
- Coated: 90–300 gsm

MICR MEDIA LATITUDE

- Uncoated: 52–300 gsm
- Coated: 90–140 gsm

*Capacity based on 75 gsm

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SHEET ENHANCEMENT MODULE

- Post-process module provides:
 - Outstanding stack quality
 - Sheet flatness for enhanced reliability of finishing options (booklet makers, perfect binders, stackers, etc.)
 - Automatically adjusts per individual media type
 - Standard with all Basic Finisher Modules and Finishing Transport Module configurations

XEROX® PRODUCTION STACKER*

Maximum Stack Capacity

- 2,850/2,600 with Stack Cart Kit
- Stack-nesting design enables the delivery of up to 2,850 sheets at a time—without interruption.
- Unload while run (with one/each unit) keeps production moving
- Top Tray: 250 sheets (80 gsm)
- Xerox® DS3500 Stacker: 3,500 single sheets (80 gsm), 7,000 dual sheets (80 gsm), and 350.5 mm
- Media Sizes:
 - Top Tray: 139.7 x 210 mm to 320 x 491 mm
 - Bypass with Rotation: 177.8 x 203.2 mm to 320 x 364 mm
 - Bypass without Rotation: 139.7 x 203.2 mm to 320 x 491 mm
 - Stacker: 177.8 x 203.2 mm to 320 x 491 mm
- Specialty Media: Carbonless, Tabs, NeverTear, and Pre-printed Offset
- Compatibility: Xerox Nuvera® 144/157 EA and MX
- Maximum number of stackers per configuration: 3
- Optional Stack Cart

ELECTRICAL REQUIREMENTS

- 187–240 VAC (nominal), 50 Amp, 50/60 Hz line service
- Consult the Installation Planning Guide for detailed power requirements

ENVIRONMENTAL REQUIREMENTS

- Temperature: 10°C to 31°C
- Relative humidity: 15% to 85%; wet bulb limitation 25°C
- Run mode heat emissions: Configuration dependent; consult Installation Planning Guide

PHYSICAL CHARACTERISTICS

Sheet-Feed and Insertion Module			
Width	Depth	Height	Weight
805 mm	711.2 mm	1,133 mm	192 kg
Print Engine			
Width	Depth	Height	Weight
1,092.2 mm	737 mm	1,565 mm	359.7 kg**
Sheet Enhancement Module			
Width	Depth	Height	Weight
381 mm	711.2 mm	1,054 mm	76.2 kg
Xerox® Production Stacker			
Width	Depth	Height	Weight
889 mm	768.4 mm	1,133 mm	241.3 kg

*Capacity based on 75 gsm

**With consumables loaded

For more information, visit www.xerox.com.

Note : Some models or features are available only in selected countries.

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