



Xerox Nuvera™ Digital Production System



Ultimately configurable and flexible, the Xerox Nuvera™ 100/120 Digital Production System thrives with your proven workflow and in your production environment.

The Xerox Nuvera™ Digital Production System... where your unique needs meet their unique solution.

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

Xerox Nuvera™ 100/120 Digital Production System

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

Specifications

Optional Integrated Document Scanning

Scan Rate

Speed based on 8.5" x 11"/A4-sized media:

- One sided: 120 images per minute
- Two sided: 120 images per minute (Dual scan heads)

Resolution

- Optical 600 x 600 dpi scan (copy)
- 8-bit Gray (256 shades)
- Maximum scan from platen: 12.0" x 18.0" (305 mm x 457 mm)
- High resolution, high signal-to-noise image sensor
- Scan to File resolution: 300, 400, 600, 1200 dpi

Automatic Document Feeder

- Capacity: 300 sheets (20 lb bond/75 gsm)
- Sizes: 5.5" x 8.5" to 11" x 17" (A5 to A3)
- Weights: 13 lb bond - 80 lb cover (49 - 220 gsm)

Print Controller

RIP

- Xerox Document Services Platform (DocuSP™)
- Sun™ Blade 2500 technology
- 15" color flat panel monitor (attached), USB keyboard, USB mouse
- Data streams:
 - Standard: TIFF, Multi-page TIFF
 - Optional: Adobe PostScript® Level 3, PDF, PCL6, ASCII, VIPP®/PostScript®
- Connectivity options:
 - Ethernet interface (10/100BaseT; 1 GB)
 - Token Ring
 - IBM Bus and Tag
 - QIC tape

Storage

- Memory: 1 GB
- Hard Drive: 73 GB
- CD-RW / DVD-ROM Drive
- Second Hard Drive: 146 GB (optional)

Print Submission Drivers

- Microsoft Windows® 95 through Windows® XP Professional
- Apple Macintosh® OS 8 through Macintosh® OS X
- Sun Microsystems™ Solaris™ 2.6, 7.x, 8.x
- Linux 2.x
- FreeFlow™ Print Manager
- Xerox Web User Interface

Management Tool Support

- IBM® Tivoli®
- CA® Unicenter®
- HP OpenView
- SNMP V.1, IETF & Xerox MIB's, Trap Support
- CentreWare® Web

Printer Module

Image Quality

- 1200 x 1200 dpi RIP resolution
- 4800 x 600 dpi print resolution
- Halftone screen: 85, 106, 125, 134, 156 lpi
- Operator adjustable settings: light/dark, contrast, sharpness, Toner Saver
- Non-contact High Resolution Hybrid Jumping Development System for gray scale uniformity
- Silicon/teflon fusing for sharper halftones
- Dual diode Raster Output System (ROS)
- Print path image registration +/- .65 mm
- Print path front to back registration +/- .65 mm

Print Speed

- Nuvera 100 Digital Production System:
 - 8.5" x 11"/A4-sized media: 100 images per minute
 - 11" x 17"/A3-sized media: 60 images per minute
- Nuvera 120 Digital Production System:
 - 8.5" x 11"/A4-sized media: 120 images per minute
 - 11" x 17"/A3-sized media: 72 images per minute
- Warm-up: 4.33 minutes
- Average Monthly Print Volume (AMPV):
 - Nuvera 100 Digital Production System: 100K - 1M / month
 - Nuvera 120 Digital Production System: 100K - 1.5M / month
- Duty Cycle:
 - Nuvera 100 Digital Production System: 2.8M / month
 - Nuvera 120 Digital Production System: 3.2M / month

Media Input Options

Input Capacity

- Trays per feed module: 4
- Total 5,800 sheets per module (20 lb bond/75 gsm)
- Vacuum Air shuttle feed system
- Optional second module available

Capacity based on 20 lb bond/75 gsm:

- Tray 1: 1,600 sheets; 8" x 10" to 9" x 12.6" (203 mm x 254 mm to 229 mm x 320 mm)
- Tray 2: 3,100 sheets; 8" x 10" to 9" x 12.6" (203 mm x 254 mm to 229 mm x 320 mm)
- Tray 3 and 4: 550 sheets each; 8" x 10.1" to 12.6" x 18.5" (203 mm x 257 mm to 320 mm x 470 mm)

Media Latitude^{1, 2}

- Sizes: 8" x 10" to 12.6" x 18.5" (203 mm x 254 mm - SRA3)
- Weights:
 - Coated: 90-220 gsm
 - Uncoated: 40 lb text to 80 lb cover (56-220 gsm)
- Paper Types:
 - Coated: gloss, silk, matte
 - Uncoated: book, text, bond, cover, Bristol, index offset
 - Specialty: carbonless, tabs, envelopes, never-tear, pre-printed offset forms

¹Consult Xerox for expectations and unique performance parameters. Coated papers under 140 gsm may experience degraded performance.
²Consult inline device specifications for its capabilities and requirements.

Basic Finisher Module

(System configurable with 0 or 1 module)

Capacity based on 20 lb bond/75 gsm (unstapled):

- Top tray: 250 sheet capacity
- Stacker: 3,000 sheet capacity; offset between sets or jobs
- One or two staples, up to 70 sheets

Finishing Transport Module

- Interface to inline production document finishing devices
- Top tray: 250 sheets (20 lb bond/75 gsm)
- Document Finishing Architecture (DFA) compliant

Electrical Requirements

- 200 - 240 VAC, 30 amp, 50/60 Hz wall service
 - Printer, Feeder and Finisher modules included
- Optional 50 amp to 30 amp Converter Box available
- Optional modules require standard 100 - 240 VAC, 50/60 Hz wall service
- Power consumption: 0.723 kw (standby); 4.275 kw (running)

Environmental Requirements¹

- Temperature: 50° to 90° F (10° to 32° C)
- Relative Humidity: 15 to 85%; wet bulb limitation 77° F
- Run Mode Heat Emissions: configuration dependent ; consult Installation Planning Guide

Certifications

- Section 508 of the Rehabilitation Act (pending)
- Corporate Environmental Leadership Team policy of maintaining a waste-free customer office
- UL 60950, third edition, CSA 22.2 no. 950 & ICES-003-2 B and IEC 60950, third edition

Physical Characteristics

Feeder Module (same measurements for Inserter)

Width	Depth	Height	Weight
31"	28"	44.6"	423 lbs
787.4 mm	711.2 mm	1,132.8 mm	192 kg

Feeder Module with Integrated Scanner

Width	Depth	Height	Weight
31"	28"	49.5"	505 lbs
787.4 mm	711.2 mm	1,257.3 mm	229 kg

Print Engine

Width	Depth	Height	Weight
43"	29"	61.6"	803 lbs*
1,092.2 mm	737 mm	1565 mm	364.2 kg*

Basic Finisher Module

Width	Depth	Height	Weight
33"	28"	43.5"	369 lbs
835 mm	711.2 mm	1,105 mm	167.4 kg

Finishing Transport Module

Width	Depth	Height	Weight
35"	28"	44.6"	389 lbs
889 mm	711.2 mm	1,133 mm	176 kg

* With consumables loaded

Please reference the specification sheets for Xerox FreeFlow™ Makeready, FreeFlow™ Process Manager, and FreeFlow™ Web Services for complete details.

