Xerox® 7142 Wide Format Printer
Flexibility-creating opportunity:
CAD color to full color and
everything in between

xerox ®

Make your shop more productive with fast, high-quality, low-cost color printing.

The Xerox® 7142 Wide Format Printer offers you a low total cost of operation, impressive speed and consistently high-quality imaging. Whether you are looking for a solution that makes it easy for you to add color to all of your Computer-aided Design (CAD) applications or a device that has the image quality to support full color graphic communications, the Xerox® 7142 has the flexibility to meet your needs.

CAD Configurations

You can configure the base Xerox® 7142 system to produce 1.4 A1 sized CAD color documents per minute. Highlighting the solutions integration with CAD environments is support for HP-GL, HP-GL2, and the inclusion of several Windows and AutoCAD print drivers.

The 7142 can be further featured with the inclusion of the FreeFlow® Accxes® Print Server. This controller drives the entire Xerox® monochrome wide format CAD printer portfolio and now also supports the Xerox® 7142. The Accxes Print Server delivers the following powerful feature set:

- Faster RIP with additional computing power
- Job and Queue Management functionality
- Extensive additional CAD file formats supports (see specifications on back of brochure)

Graphic Communications Configurations

The Xerox® 7142 Solution can also be configured to support full color, high area-coverage wide format applications. The printer supports several full color quality levels ranging from 720 x 720 dpi to 1440 x 2880 dpi. These image quality levels deliver production quality full color that meets even the most demanding customer requirements. You can push the quality and functionality levels even further by including a color digital front end (DFE) to drive the Xerox® 7142.

Note: DFE vendor and software support varies by region. Please contact your Xerox representative for more specific details.

Up your uptime with easy, on-the-fly, hands-clean CMYK ink refills.

You'll experience consistently high-quality imaging and less downtime with piezo CMYK variable drop inkjet heads.

Intuitive user interface makes it easy for everyone in your office to use.

Versatile media choices— load up to 42-inch-wide media.

Easy printer access for paper loading, serviceability and more.

Expect great color images in under a minute

Configure the 7142 to create your ideal solution based on quality and speed. You can choose from various image quality settings. At CAD image quality settings, you can run A1 size color print in just 44 seconds. Variable CMYK droplet sizes combined with higher resolution printing delivers outstanding image quality, fine lines, continuous tones, gradations and solid colors across the wide array of media supported.

Watch your costs go down…

You'll spend less on paper and ink while boosting your productivity with the Xerox® 7142 Wide Format Printer. You can produce excellent output on inexpensive uncoated paper, reducing your cost per print significantly. And our CMYK variable droplet piezo head technology delivers high-quality images while minimizing your ink costs.

…while your productivity and reliability go up

You'll save time—and increase your uninterrupted uptime—because our inkjet heads do not require periodic replacement. These durable heads provide consistency and dependability in your production environment. Reliable media feeding and cutting systems, coupled with an automated ink supply system, eliminate steps and enhance unattended printing.

You can rely on industry-leading service and support

We support your entire solution, from the Xerox® 7142 Wide Format Printer to media and consumables. Our service professionals are Xerox trained and responsive—they are available day in and day out to ensure you are receiving the maximum return on your investment.

Put it right where you need it

With a sleek, compact footprint, you can put the Xerox® 7142 Wide Format Printer where it will be most convenient for you, saving you extra steps and wasted energy. It features a Windows driver, so it's a fully integrated network solution. This user-friendly print driver makes it easy for you to render and spool the job to the printer.

The total support you need

We support your entire solution, from printer to media and consumables. Our worldwide network of award-winning service professionals is always ready to help you make the most of your Xerox® solution and help you grow your business.

Our guarantee is one of the best in the industry. The Xerox Total Satisfaction Guarantee applies to equipment under a Xerox warranty or Xerox service agreement and is subject to certain restrictions.

Ideal for a variety of applications

The Xerox® 7142 Wide Format Printer enables you to quickly produce high-quality, color prints.

CAD and GIS Applications:
- Architectural or construction plans
- Architectural or engineering renderings
- Schematics
- Electrical diagrams (e.g., wiring)
- Mechanical 2D
- Solids modeling
- Mechanical 3D
- Scientific/Medical
- Seismic
- GIS/Mapping

GC Applications
- Banners
- Signs
- Point-of-purchase displays
- Trade show exhibits
- Back-lit displays
- Presentation graphics
- Stage graphics
- Stickers
- Floor graphics
- Pop-ups

Specifications for the
Xerox® 7142 Wide Format Printer

Print Engine

Media Width
- 1,080 mm

Print Width
- 1,074 mm

Paper Gap Low/High
- 1.3 mm/2.1 mm

Plot Margins, Roll Paper (front, right, left, rear)
- 3, 3, 3, 3 mm

Plot Margins, Sheet (front, right, left, rear)
- 3, 3, 3, 17 mm

Ink Type K/CMY
- Pigmented/Dye

Ink Capacity
- Cassettes 110 ml ± 0.1%

Distance Accuracy
- ± 0.25 mm or ± 0.1%

Ports
- Ethernet 10/100

Memory
- 256 Mb

Data Formats
- Emulates HP-GL, HP-GL2 and RTL-Pass

Printer Drivers (Windows GDI)
- Windows 95, 98, NT, 2000, XP 32 bit only

Printer Drivers (AutoCad HDI)
- 2002, 2004, 2005, 2006

Noise Level
- < 53 dB

Speeds

High Speed 360
- 1 min. 31 secs (A0)

Highest Quality 360
- 3 min. 16 secs (A0)

Standard 720
- 5 min. 35 secs (A0)

High Quality 720
- 10 min. 3 secs (A0)

Standard 1440
- 22 min. 13 secs (A0)

Highest Quality 1440 x 2880
- 1 hr. 37 min. 22 secs (A0)

Dimensions

Dimensions (WxDxH)
- 1,766 x 662 x 983 mm

Printer Weight
- 58.7 kg

Stand Weight
- 18.8 kg

Environmental Conditions

Temperature:
- 15°C to 28°C

Relative Humidity (non-condensing)
- 40% to 65%

Operating Environment
- Temperature 10°C (50°F) – 35°C (95°F)
- Humidity 20% – 80% RH, non-condensing

Printing Accuracy Warranty Range
- Temperature 15°C (59°F) – 28°C (82.4°F)
- Humidity 40% – 60% RH, non-condensing

Rate of Change
- Temperature 2°C/hour or less
- Humidity 5%/hour or less

FreeFlow® Accxes® Print Server

Internal
- Memory 3 GB or better
- Hard Disk Drive 160 GB or better
- Optional 80 GB Removable Hard Drive

Ports
- Ethernet 10/100/1000 Base T, (scanner)
- Serial RS232 (service)
- USB 2.0 (device interface)

Network Protocols
- TCP/IP, LPR

Data Formats
- Standard: HP-GL HP-GL/2 HP-RTL (HP 750C emulation), TIFF 6.0 (including LZW), JPEG, C4, CALS 1&2, CalComp 906/907/951/PCI, CGM (Level 1 with ATA ext.), FileNET®, NIRS/NIFF, VCGL, VRF, Versatec Data Standards (Ordered Vector, Blocked Raster, Compact Raster)
- Optional: Adobe® PostScript® 3™, PDF (v1.7), DWF (v6.0), BMP, JPEG 2000, PNG, GIF, DGN

Image Overwrite (optional)
- Erases data for added security

Applications
- FreeFlow Accxes Document Submission
- FreeFlow Accxes Document Retrieval Tool
- Web Printer Management Tool

Printer Drivers
- Both 32 bit and 64 bit (x64) versions of Windows® XP, Windows Vista®, Windows Server® 2003, Windows Server® 2008, Windows 7

Optional Printer Drivers
- Adobe® PostScript® 3™ for both 32 bit and 64 bit (x64) versions of Windows® XP, Windows Vista®, Windows Server® 2003, Windows Server® 2008, Windows 7

To learn more about the Xerox® 7142 Wide Format Printer, visit www.xerox.com or call 1-800-ASK-XEROX.

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