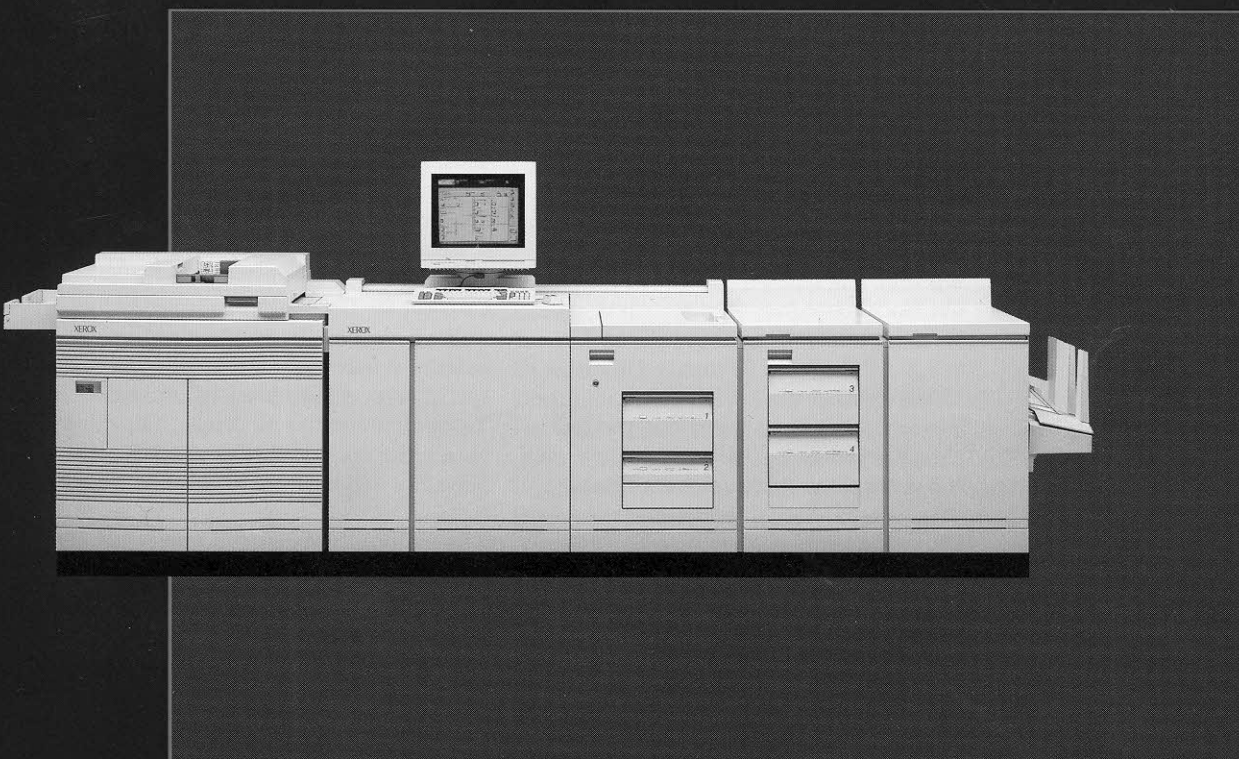


# **Xerox DocuTech Publishing Series**

## **DocuTech Model 90**

### **Specifications**



# **The Xerox DocuTech Model 90: A sensible digital system for production publishing**

The Xerox DocuTech Publishing Series is a modular family of products designed for high-volume, high-speed production publishing. Part of the series, the Xerox DocuTech Model 90 sets new quality and productivity standards for publishing office documents. The DocuTech Model 90 combines digital scanning, laser imaging, and xerography to produce documents with 600-dots-per-inch (dpi) resolution at up to 92 pages per minute.

Choose the DocuTech Production Publisher option if your input consists only of hardcopy originals. Choose the DocuTech Network Publisher option if your input also includes electronic documents created using popular desktop publishing systems. The Production Publisher and Network Publisher otherwise share the same capabilities.

## **From hardcopy originals to digital masters**

The DocuTech Model 90 brings hardcopy originals into the electronic age by scanning text and images on paper and converting them to digital masters. Its "scan once, print many" feature reduces wear and tear on originals, and improves system operating time. One set of digital masters is all you need to produce unlimited printed sets.

## **Cut and paste, DocuTech style**

But before you do, you can modify those digital masters at the DocuTech user interface. The electronic cut-and-paste and image enhancement features of the DocuTech Model 90 help ensure your printed output will look like you need it to look, even if that's different from the originals.

Use electronic cut-and-paste to combine text and images from different originals. Crop, resize, and rotate images. Move and merge them. Add shading and border rules. On any page in the job.

Use the unique image quality feature to adjust lightness, darkness, and sharpness. You can also apply halftone screens to photos.

## **Automatic two-sided and signature printing**

The DocuTech Model 90 automatically prints both sides of sheets from 8" x 10" to 8.5" x 14" (203 by 254mm to 216 by 356mm). When you need to produce booklets, it calculates page placement and resequences digital masters to print two-sided, two-up signature sheets ready for finishing.

## **Plus stitching, slip sheeting, extended stocks**

Even standard office documents need a little flair and finish. Like covers on colored stock and a single corner stitch. Or, if you prefer, the DocuTech Model 90 can separate printed sets with slip sheets.

You can double the paper stocks available to jobs—and more than double the paper supply—with extended stock feeding. This option adds two 1,000-sheet trays to the DocuTech Model 90, supporting up to four paper stocks per job or continuous running of two stocks.

## **Unparalleled productivity, thanks to concurrent operations**

Because scanning, job programming or cut-and-paste, and printing proceed at the same time, the DocuTech Model 90 can produce up to 92 pages per minute every minute that it's running. The result is documents that are published both faster and better than ever.

## **Grow as you go**

Open architecture, network connectivity, and scalable solutions characterize the DocuTech Publishing Series. For example, you can add DocuTech Extended Storage to your DocuTech Model 90 to provide additional storage capacity for DocuTech print-ready jobs. You can also upgrade your Production Publisher to a Network Publisher, to accept electronic as well as hardcopy input.

Consider the DocuTech Media Server for walk-up input on floppy disk—and on other industry-standard removable media with special support considerations; ask your Xerox representative for details. Or, if you have a network, add the DocuTech Network Server for desktop input of electronic jobs.

You can even field-swap the printer and stitching/stacking module of your DocuTech Model 90 to transform it into a DocuTech Model 135, for high-volume turnaround of professionally finished documents.

Start with the DocuTech Model 90, and establish a new standard for publishing your office documents.

# Specifications

## Operability

### User interface:

Icons, windows, and menus.  
17" (432mm), monochrome CRT display.  
80 dots per inch, 16 levels of gray (4 bits/pixel).  
Mouse, keyboard, and touch-screen manipulation.  
Up to 15-degree tilt, 270-degree swivel, and side-to-side motion on a slide rail.

### Job process capabilities:

- Over 1 gigabyte of internal storage for:
- Job pages.
  - Job tickets.
  - Logos and other recurrent merge items.
  - Interpress fonts (networked configuration).

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## Document scan rate

Up to 23 documents per minute.

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## Print rate

Up to 92 pages per minute with 8.5" x 11" (216 by 279mm) paper.

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## Print-quantity selection

1 to 9,999.

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## Input devices

### Document glass:

Accepts document sizes from 1" x 1" to 17" x 14.3" (25 by 25mm to 432 by 363mm), including fragile and bound originals. Facing book pages scanned in one pass.

### Document handler (top feeder):

Document size: 8" x 10" to 8.5" x 14" (203 by 254mm to 216 by 356mm).  
Weight: 16 to 32 lb bond (60 to 120 gsm).  
Capacity: 100 sheets, 20 lb bond (80 gsm).

### Document feeder (side feeder), single sheets:

Document size, portrait: 5.83" x 8.27" to 10.12" x 14.3" (148 by 210mm to 257 by 363mm).  
Document size, landscape: 5.83" x 8.27" to 11" x 17" (148 by 210mm to 279 by 432mm).  
Weight: 16 lb bond to 110 lb index (60 to 200 gsm).

### Document feeder (side feeder), computer fanfold:

Document size: Up to 14.9" (378mm) maximum width, including perforations.  
Holes between folds: 14 to 24.  
Weight: 16 to 24 lb bond (60 to 90 gsm).

### Document output tray (for catching fed sheets ejected after scanning):

Document size: 5.83" x 8.27" to 11" x 17" (148 by 210mm to 279 by 432mm).  
Capacity: 50 sheets, 20 lb bond (80 gsm).

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## Supported throughput materials

All printer and stitcher/stacker functions handle paper weights ranging from 16 lb bond to 110 lb index stock (60 to 200 gsm). In two-sided print mode, the minimum paper weight is 20 lb bond (80 gsm).

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## Supported printer/stitcher/stacker paper sizes

*Width* is the dimension from left to right and *length* the dimension from top to bottom as the paper sits in the paper tray.

### Paper width

8" to 8.5" (203 to 216mm)

### Paper length

10", 11", 11.7", 13", 14" (254, 279, 297, 330, 356mm)

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## Printer paper trays

### Tray 1:

Paper size: 8" x 10" to 8.5" x 14" (203 by 254mm to 216 by 356mm).  
Capacity: 1,000 sheets, 20 lb bond (80 gsm).

### Tray 2:

Paper size: 8" x 10" to 8.5" x 14" (203 by 254mm to 216 by 356mm).  
Capacity: 500 sheets, 20 lb bond (80 gsm).

### Trays 3 and 4 (optional):

Paper size: 8" x 10" to 8.5" x 14" (203 by 254mm to 216 by 356mm).  
Capacity: 1,000 sheets each, 20 lb bond (80 gsm).

Flamm...  
no 11x17!

## Specifications (continued)

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### Document output

#### Top tray:

Paper size: 8" x 10" to 8.5" x 14" (203 by 254mm to 216 by 356mm).

Capacity: 100 sheets, 20 lb bond (80 gsm).

#### Stitcher:

Paper size: 8" x 10" to 8.5" x 14" (203 by 254mm to 216 by 356mm).

Stitch locations: One, portrait mode, top-left corner.

Wire supply: One spool, approximately 40,000 stitches.

Capacity: 2 to 50 sheets, 20 lb bond (80 gsm).

#### Stacker:

Paper size: 8" x 10" to 8.5" x 14" (203 by 254mm to 216 by 356mm).

Capacity: 2,000 sheets, 20 lb bond (80 gsm).

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### Reduction/Enlargement

10% to 200%, variable in 1% increments.

Pre-set ratios of 65%, 74%, 78%, 129%, and 154%.

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### Automatic duplexing

One-sided prints from one-sided and two-sided originals.

Two-sided prints from one-sided and two-sided originals.

Sizes up to 8.5" x 14" (216 by 356mm).

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### Administration mode

Up to 10,000 accounts stored for billing purposes.

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### Environmental requirements

Temperature range: 50°F to 90°F (10°C to 32°C).

Humidity range: 15% to 85% relative humidity (noncondensing).

Wet bulb limitation: 75°F (24°C).

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### Electrical requirements

Single-phase (two lines and neutral, plus ground, four-wire system), or two phases of a three-phase Wye.

#### Single-phase:

Line-to-neutral: 120V (nominal); range 107VAC to 127VAC.

Line-to-line: 240V (nominal); range 210VAC to 254VAC.

#### Two-phase:

Line-to-neutral: 120V (nominal); range 107VAC to 127VAC.

Line-to-line: 208V (nominal); range 185VAC to 220VAC.

Frequency: 60Hz.

Unit warm-up time: 13 minutes.

Power consumption, running: 4.0 kw; standby: 2.3 kw.

Heat emission, running: 13,750 Btu/hr; standby: 7,850 Btu/hr.

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### Space requirements

#### Four-tray configuration:

In-line: Width 221", depth 130" (561 by 330cm).

Inside "L": Width 210", depth 144" (533 by 366cm).

Detached: Width 177", depth 166" (450 by 422cm).

Weight: Approximately 2,865 lb (1,302 kg).

#### Two-tray configuration:

In-line: Width 198", depth 130" (503 by 330cm).

Inside "L": Width 187", depth 144" (475 by 366cm).

Detached: Width 154", depth 166" (391 by 422cm).

Weight: Approximately 2,615 lb (1,189 kg).

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**Xerox**  
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