

Xerox DocuTech Publishing Series DocuTech Model 135

Specifications



The Xerox DocuTech Model 135: Taking publishing beyond the desktop

The Xerox DocuTech Model 135 brings together three advanced technologies—digital scanning, laser imaging, and xerography—in one simplified solution that takes publishing beyond desktop constraints. From hardcopy and electronic input, the DocuTech Model 135 produces professional quality, finished documents with unprecedented speed.

Choose the DocuTech Production Publisher Model 135 if your input consists only of hardcopy originals. Choose the DocuTech Network Publisher Model 135 if your input also includes electronic documents created using popular desktop publishing systems. The Production Publisher and the Network Publisher otherwise share the same capabilities.

Concurrent operations for unmatched turnaround

The DocuTech Model 135 combines scanning, printing, and finishing functions into one seamless operation. It also lets you scan one job while receiving electronic input over a network and printing another job, for an unparalleled increase in productivity and improved turnaround time.

Concurrent operations enable the DocuTech Model 135 to maintain throughput of up to 135 pages per minute, no matter how short your jobs are. And it prints these pages with a remarkable 600 dots-per-inch (dpi) resolution.

One-time scanning for image capture and conversion

The DocuTech Model 135 captures text, line art, photos, and halftones from paper by scanning and converting them to digital masters. It then uses the digital masters to produce as many sets of finished output as needed.

Simply stated, you scan once and print many times, reducing wear on originals and improving system operating time.

Cut and paste, DocuTech style

Digital masters put the document at your command. Where a graphic artist would need scissors and glue, you can electronically cut-and-paste any page at the DocuTech user interface. Quickly. Easily. Exactly. Right up to deadline.

The DocuTech Model 135 lets you combine text and graphics from different originals on one page, resize and rotate images, add halftone screens to photos, and more. You can even merge hardcopy input with electronic input at the DocuTech user interface. The DocuTech Model 135 virtually eliminates manual paste-up and significantly reduces prepress operations.

Two-sided 11 x 17 prints—automatically

Two-sided printing of 11" x 17" paper is key to producing newsletters, booklets, and brochures. The DocuTech Model 135 makes it easy. A patented paper raceway automatically inverts 11" x 17" sheets for fast, reliable second-side printing *before* they leave the system.

One-step signature prints

From typical input originals, the DocuTech Model 135 calculates the proper placement of pages and resequences the digital masters to print two-sided, two-up signature sheets ready for finishing into booklets. Sheets as large as 11" x 17" are suitable for signature printing.

Plus image enhancement, internal finishing

The DocuTech Model 135 includes a unique image quality feature that lets you correct problems with input originals and enhance the quality of output prints. You can crop an image. Reduce or enlarge it. Sharpen it. Apply a halftone screen, or indicate an existing screened halftone to avoid a moiré pattern on the output. All to create an optimized digital master ready for volume production.

And when you're ready for volume production, the DocuTech Model 135 finishes your printed documents in minutes. Choose single or dual stitching at adjustable locations, thermal-adhesive tape binding in five colors, or slip sheeting.

And that's just the beginning . . .

The DocuTech Model 135 is the cornerstone of the Xerox DocuTech Publishing Series, a modular family of products. Open architecture, network connectivity, and scalable solutions characterize the DocuTech Publishing Series.

For example, start with the Production Publisher. Then attach the DocuTech Signature Booklet Maker to stitch, fold, and trim signature sheets. Or convert your Production Publisher to a Network Publisher, to accept electronic as well as hardcopy input. You can even configure a Network Publisher without a scanner, should you have only electronic input or need a second Network Publisher for load balancing.

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.

Choose the DocuTech Model 135, and take your first step toward publishing beyond the desktop.

Specifications

Operability

User interface:

Iconic, windows, and menus.

17", 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).

Document scan rate

Up to 23 pages per minute.

Print rate

Up to 135 pages per minute with 8.5" x 11" paper.

Up to 58 pages per minute with 11" x 17" paper.

Print-quantity selection

1 to 9,999.

Input devices

Document glass:

Accepts document sizes from 1" x 1" to 17" x 14.3", 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".

Weight: 16 to 32 lb bond.

Capacity: 100 sheets, 20 lb bond.

Document feeder (side feeder), single sheets:

Document size, portrait: 5.83" x 8.27" to 10.12" x 14.3".

Document size, landscape: 5.83" x 8.27" to 11" x 17".

Weight: 16 lb bond to 110 lb index.

Document feeder (side feeder), computer fanfold:

Document size: Up to 14.9" maximum width, including perforations.

Holes between folds: 14 to 24.

Weight: 16 to 24 lb bond.

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

Document size: 5.83" x 8.27" to 11" x 17".

Capacity: 50 sheets, 20 lb bond.

Supported throughput materials

All printer and in-line internal finisher functions handle paper weights ranging from 16 lb bond through 110 lb index. Stock types may include cover stocks, pre-cut and full-cut tabs, Xerox carbonless paper, and recycled paper.

Supported printer/finisher 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 8.6"

16.5"

17"

Paper length

11", 11.7", 13", 14"

11.7"

11"

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Specifications (continued)

Printer paper trays and inverter

Tray 1:

Paper size: 8" x 10" to 9" x 14".
Capacity: 1,100 sheets, 20 lb bond.

Tray 2:

Paper size: 8" x 10" to 9" x 14".
Capacity: 600 sheets, 20 lb bond.

Tray 3:

Paper size: 8" x 10" to 17" x 11".
Capacity: 2,600 sheets, 20 lb bond.

Inverter paper size:

Up to 17" x 11".

Note: Additional paper trays (interposer) available

Finisher components

Top tray:

Paper size: 8" x 10" to 11" x 17".
Capacity: 500 sheets, 20 lb bond.

Stacker:

Paper size: 8" x 10" to 9" x 14".
Capacity: 3,000 sheets, 20 lb bond.

Stitcher:

Paper size: 8" x 10" to 9" x 14".
Stitch locations: One or two, user-adjustable.
Wire supply: Two spools, approximately 32,000 stitches each.
Capacity: 2 to 70 sheets, 20 lb bond.

Binder:

Paper size: 8.5" x 11".
Tape colors: Black, blue, brown, gray, white.
Capacity: 15 sheets (or equivalent thickness) to 125 sheets, 20 lb bond; 425 binds per tape reel, at 11" of tape per bind.

Reduction/Enlargement

10% to 200%, variable in 1% increments. Pre-set ratios of 65%, 74%, 78%, 129%, 154%, and 200%.

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 11" x 17".

Administration mode

Up to 10,000 accounts stored for billing purposes.

Environmental requirements

Temperature range: 50°F to 90°F.
Humidity range: 15% to 85% relative humidity (noncondensing).
Wet bulb limitation: 77°F.

Electrical requirements

Single-phase (two lines and neutral, plus ground, four-wire system).
Line-to-neutral: 120V (nominal); range 107VAC to 127VAC.
Line-to-line: 240V (nominal); range 210VAC to 254VAC.
Frequency: 60Hz.
Unit warm-up time: 12 minutes.
Power consumption, running: 7.7 kw; standby: 2.8 kw.
Heat emission, running: 26,300 Btu/hr; standby: 9,700 Btu/hr.

Space requirements

In-line configuration: Width 222", depth 130".
Inside "L" configuration: Width 211", depth 152".
Detached configuration: Width 178", depth 166".
Weight of DocuTech Model 135: 3,193 lb.

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