

Gestetner

Quality, Performance, Connectivity and Spot Color All In One



COPY PRINTER

5455

High Quality, Efficient Duplicating Productivity That Simply Goes Unmatched

IT'S TIME TO CONSIDER A NEW ALTERNATIVE FOR YOUR HIGH-VOLUME DUPLICATING NEEDS. THE GESTETNER 5455 COPYPRINTER OFFERS SUPER SPEED, HIGH COST-EFFICIENCY AND IMPRESSIVE DIGITAL QUALITY IMAGING, AND PROVIDES THE ADDED ADVANTAGES OF UNLIMITED SPOT COLOR CHOICE, CONNECTIVITY AND CONTINUED RELIABILITY, JOB AFTER JOB.

WHETHER YOURS IS A RELIGIOUS OR CHARITABLE ORGANIZATION, MEDICAL, LEGAL OR INSURANCE COMPANY, GOVERNMENT AGENCY OR PRINT-FOR-PAY BUSINESS, YOU'LL BENEFIT FROM THE SUPERIOR PERFORMANCE OF THIS FEATURE-RICH, PRICE-CONSCIOUS PRINT PRODUCTION SOLUTION.



SPEEDS THROUGH JOBS

The 5455 CopyPrinter prints to virtually any type paper stock at 120 pages per minute, delivering documents in the color of your choice at a significantly less cost-per-print than toner-based copiers and laser printers. At its maximum speed, a 1,000 print run takes less than 10 minutes to complete, so you're ready to tackle your next job in no time.

BUILT FOR THE LONG HAUL

The 5455 CopyPrinter is built for long-term durability and print quality that never quits. Its high-performance engine provides unparalleled reliability and functionality from paper feeding to ink distribution and registration.

- Advanced **Dual-Cylinder Paper Clamping** allows a larger paper press point for more solid fill, and firmly

holds paper while being inked for superior imprint accuracy and registration. Double feeding is a thing of the past thanks to the separation resistance provided by friction pad technology, as is paper wrapping with an enhanced air suction method that assures smooth intake of any stock thickness.

- A new state-of-the-art **Ink Delivery System** sharpens edges on type/headlines, delivers more precise 400-dpi resolution halftones, and provides ultra-fast dry time with no ink set-off.

JUST THE RIGHT IMAGE

The 5455 CopyPrinter lets you add optional spot color to all your documents. With 10 standard colors plus the option of unlimited PMS inks, the possibilities are endless. You can further expand your color palette with versatile **Tint Mode**, which enables you to adjust the

shade of *each* ink color for even greater color control.

Letter/Photo Auto Separation, Letter and Photo Modes assure the clearest print reproduction of documents combining text and pasted photographs, and new **Pencil Mode** automatically darkens penciled and other lightly-toned originals without darkening the background.

HASSLE-FREE OPERATION

The 5455 CopyPrinter has a self-loading master process that helps make ink cartridge loading and removal quick and neat. The Master Disposal System is also fully enclosed. All you need to do is slide out the cartridge, empty and replace.



Self loading master cylinder

OPTIONAL NETWORK CONNECTIVITY

Just add the optional **Type 80 Controller** and connect the 5455 CopyPrinter with any standalone computer — whether PC or Macintosh — or networked operating system. The *true* PostScript® 3 embedded controller provides users with extraordinary print control and ripping performance, plus comes equipped with the advanced printer management solution **SmartNet-**

Monitor. SmartNetMonitor gives you real-time access to paper settings, misfeed alerts, job history, security features, and workflow management with other Gestetner digital products on your local area network.

SUPERIOR PAPER HANDLING

Enjoy versatility in paper selection. The 5455 capably handles a wide range of sizes, from as small as 3" x 6" to as large as 12" x 17". It also accommodates paper types from 13 lb. bond to 110 lb. card stock to meet all your job requirements.

The 5455 CopyPrinter lets you create masters directly from books and other bound documents with handy **Book Copying**, for quality prints up to 11" x 17" in size. Advanced depth-of-field technology allows clear copies from paste-ups. Plus, the usual outer-edge shadowing that appears when scanning from book or other bulky originals is eliminated thanks to **Auto Margin Erase Mode**, which automatically detects and erases shadows.

PRODUCTION PLUS WITH THE TC-II

You can opt for even more high-volume print production power with the Gestetner TC-II Digital Production Printer. The optional TC-II optimizes productivity working along with the 5455 CopyPrinter to



The Gestetner TC-II Digital Production Printer

provide the world's first **two color in one pass** duplicator reproduction. The TC-II's two inline print cylinder chambers accept the color cylinders of the CopyPrinter 5455.

As it has no scanner or master-making capabilities, the TC-II relies on the 5455 to produce two separate masters that are used in the TC-II for printing. This saves time and money on your critical multi-color jobs, with the most accurate registration on two-color print output plus a lightning-fast production speed of 120 pages per minute.

HIGHLY ADVANCED CAPABILITIES

The 5455 CopyPrinter offers sophisticated, digital copier-style features like:

- **Automatic Document Feeder** detects your original size and cuts the master material to fit, saving up to 33% of the cost of masters.
- **Auto Magnification**, automatically adjusts your image to the appropriate paper

size. **Auto Rotation** orients scanned images to the direction of the paper in the feed tray.

- **Combine Originals**, either two up, or four up using a single original...all without the use of an additional editing function.
- **Stamping** automatically imprints date, pagination, preset text such as "preliminary", "priority" and "confidential".

PLUS OTHER ADVANCED FUNCTIONS FOR ENHANCED FLEXIBILITY:

- **Customized default settings** such as Minimum Quantity and Auto Cycle On/Off further your flexibility.
- An industry-first **Job Separator** which mechanically staggers the bottom page of each completed set for convenience.
- **Job Programming** stores and retrieves specifications for your most frequently printed jobs.

The Gestetner 5455 CopyPrinter...the smart solution for cost-saving, high-volume print production.

For more information and a product demonstration, contact your authorized Gestetner Dealer.

www.gestetnerusa.com

5455

COPYPRINTER



Specifications

Configuration	Desktop
Master Processing	Fully integrated digital stencil duplicator
Scan Resolution	400 dpi
Print Resolution	400 dpi
Printing Process	Dual cylinder system, paper clamp system
Image Scanning	CCD with lens
Reduction Ratios	93%, 77%, 74%, 65%
Enlargement Ratios	155%, 129%, 121%
Zoom	50% – 200% in 1% increments
Image Mode	Letter, Photo, Letter/Photo Auto
	Separation
Original Sizes	3" x 5" min. to 12" x 17" max.
Paper Sizes	2.8" x 5.8" to 12.8" x 17.6"
Image Area	11.4" x 16.5"
Paper Weights	12.5 lb. Bond to 110 lb. Index
Paper Handling System	Paper roller and clamp mechanism
Print Speeds	60, 75, 90, 105 or 120 ppm
Master Process Time	12 seconds
Paper Feed Tray Capacity	1,000 sheets
Paper Delivery Table Capacity	1,000 sheets
Optional ADF Original Capacity	50 sheets
Weight	213.9 lbs.
Power Source	120V, 60Hz, 3.2A
Power Consumption	Approx. 260 W
Dimensions (WxDxH)	56" x 26" x 23"
Pixel Density	400 dpi
Print Counter	9,999,999
Master Counter	999,999 SP mode
Noise Emission	60 dB
Masters	245 L-size sheets per roll 410 S-size sheets per roll
Master Run Length	More than 2,000 impressions
Master Disposal Capacity	65 to 100

Other Features

- No-Waste Confidential Mode
- No-Waste Quality Start Mode
- Ink Blade Distribution Control
- Electronic Vertical/Lateral Registration
- Digitally Controlled PF Settings
- 8-Page Storage and Recall Memory
- Dual PF Friction Pad System
- Skip Feed Mode
- User Code Audit Mode
- Economy Mode
- Image Overlay
- Tint Mode
- Directional Magnification
- Auto Image Rotation
- Two Up Mode
- Multi-Copy Modes (2, 4, 8, 16 in 1)
- Auto Separation, Line/Photo Mode
- Auto Paper Size Detection
- Auto Original Size Detection
- Auto Background Correction
- User Program Mode
- Photo Mode
- Editing
- Class Mode (9 grades x 18 classes memory)
- Status Sheet Printout
- SP Mode
- "L" & "S" Auto-Cut Master
- Shadow/Edges/Center Erase
- Stamping Mode
- Tapeless Job Separator
- Auto Contrast Control
- I/O Service Mode

Options

- DF-85 50-Page ADF
- TC-II Digital Production Printer
- Base Cabinet
- Color Cylinders
- 5455 Ink Choices (Standard and custom PMS)
- Type 80 Print Controller, UC6 Print Controller, UC5 or UC5e Print Controller

Gestetner

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Gestetner reserves the right to modify any standard ink choices without notice.

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