

# SD420

## D i g i t a l   D u p l i c a t o r

(quality)



(productivity)



(economy)



The Standard SD420 is an exceptional high-speed digital duplicator. It combines impressive 400-dpi print quality, 11" x 17" format printing and simple reliable operation to deliver outstanding performance and value.



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**STANDARD**

# SD420 Digital Duplicator

The Standard SD420 Digital Duplicator makes high-quality 400-dpi printing fast, easy and more affordable than ever. At print speeds up to 120 sheets per minute, its high-speed productivity, impressive sharp image quality and low-cost prints make the SD420 an exceptional 11" x 17" format printing solution. Organizations with a limited budget will see that the SD420 sets a perfect balance between print quality, operator features, productivity and economy to meet their demanding requirements.

## High Quality Printing

No other comparably priced digital duplicator can meet the remarkable image quality of the SD420. It utilizes the latest technological breakthrough in imaging supplies. A highly refined micro-porous imaging "master" and "HQ" ink formulation technology produces clearer, sharper images with reduced image set-off, more consistent solid fill and lower ink consumption. Furthering the SD420's convenience and economy is a "master" design that increases run length capability. An innovative auto-adjusting print pressure control uses printing speed, temperature and humidity levels to automatically calculate the setting for optimal image quality. The SD420 will provide year after year of extremely reliable operation and superb print quality.

## Flexible and Simple

The large, interactive LCD message display and intuitive control panel enhance productivity. Virtually any user quickly and confidently prints bulletins, letters, envelopes, programs, calendars, and much more from the computer, glass platen, or ADF. The SD420's printing versatility is clearly apparent with its capability to print on a broad range of materials including carbonless forms, envelopes and cover stocks, and on sheet sizes as small as 4" x 6" and up to 11" x 17".

## Fast and Quiet

Delivering its first copy within 24 seconds and then printing at up to 120 sheets per minute makes the SD420 fast and very productive. Even at high speeds, the SD420 is extremely quiet with sound levels of less than 70dB(A) or similar to that of a copier.

## Additional Features

- Computer connectivity is simple and powerful with a range of available interfaces, including the SD40 embedded interface with SmartNetMonitor for interactive communication between the computer and the SD420.
- Easy-load master system allows the operator to quickly position the masters in place without waste.
- The SD420's drop-in ink cartridge replaces simply and in seconds
- Lockable feed-tray side guides assure that the paper position remains fixed throughout the entire job.
- Air-assist paper exit design helps to guide the printed sheets smoothly, reliably and mark free from the print drum to the receiving tray.
- Matching capacity feed and receiving trays hold up to 1,000 sheets each.
- An optional "short" print cylinder exclusively prints 8 1/2" x 11" format to provide lower costs-per-copy and increased economy.

## Specifications

<b>Process:</b>	Automatic Digital Printing
<b>First Copy Time:</b>	24 seconds
<b>Printing Speed:</b>	60 - 120 sheets per minute
<b>Scanning Resolution:</b>	400 x 400 dpi
<b>Scanning Technology:</b>	CCD (Charge Couple Device)
<b>Paper Size:</b>	2.8" x 5.9" to 11.6" x 17"
<b>Paper Weight:</b>	13 lb. Bond to 110 lb. Index
<b>Image Area:</b>	11.4" x 16.5" (standard - black print cylinder) 11.4" x 16.1" (optional - color print cylinder) 11.4" x 7.9" (optional - short print cylinder)
<b>Paper Tray Capacity:</b>	1000 sheets (20 lb. Bond)
<b>Master Roll Capacity:</b>	200 masters/roll
<b>Master Eject Tray Capacity:</b>	60
<b>ADF(Optional):</b>	50 originals (13 - 34 lb. Bond) capacity
<b>ADF Original Size:</b>	5.9" x 8.3" to 11.7" x 34"
<b>Platen Original Size:</b>	Up to 12" x 17.7"
<b>Print Colors:</b>	Unlimited with the exception of metallics and fluorescents through custom match.
<b>Standard Features:</b>	Glass Platen, Edge/Center/Shadow Erase, Fine Mode, Tint Mode, Skip Feed, Auto Cycle, Line/Photo Mode, Security Mode, Economy Mode, Two-up Mode, Energy Saving Mode, Class and Program Modes, Auto Print Pressure Control
<b>Preset Reductions: (%)</b>	65, 74, 77, 93
<b>Preset Enlargements: (%)</b>	121, 129, 155
<b>Zoom Magnification: (%)</b>	50-200% (in 1% increments)
<b>Options:</b>	Platen Cover*, ADF (50 Sheets), Color Print Cylinders, Letter Only (Short) Print Cylinder, SD420 Embedded PC Network Compatible GDI & Network Interface**, GDI & Network Compatible Computer Interfaces (PC/MAC available)**, Job Separator, Stand
<b>Power Source:</b>	120V, 60Hz, 3A
<b>Power Consumption:</b>	280W
<b>Weight/Shipping Weight:</b>	176.6 lbs./210 lbs.
<b>Dimensions (WxDxH):</b>	53.6" x 27.6" x 24.5" (with trays open)
<b>With cabinet:</b>	53.6" x 27.6" x 39"

\*Final machine configuration must include platen cover or ADF  
\*\* See interface specifications for system requirements.  
Specifications subject to change without notice. All product names are Trademarks or registered trademarks of their respective companies.



**Computer Connectivity**

Computer connectivity is easily performed with optional GDI and network (postscript) computer interfaces, including the SD40 embedded network interface.



**Print In Color**

Optional color print cylinders allow printing unlimited custom matched colors.

**STANDARD**  
Our Standards Are Simply Better.

Established in 1910, Standard is a leading supplier of duplicating and document finishing equipment.