

# SD450

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

(quality)



(productivity)



(economy)



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# SD450 Digital Duplicator

The Standard SD450 sets an impressive new level of excellence in digital duplicating. Included among its many advanced design features are a dual-cylinder configuration that delivers superior registration and a precisely controlled inking system that virtually eliminates setoff. Straightforward digital connections, advanced book copying, 11" x 17" imaging, efficient envelope feeding, and the fastest first-copy speed in its class all contribute to making the SD450 a perfect choice for any organization.

## Superior Quality

A number of technological breakthroughs contribute to the SD450's superior print quality, including a revolutionary Dual-Cylinder System. Instead of a press roller, this system uses a press cylinder to provide a larger paper press point, ensuring more consistent solid fill. An innovative Paper Gripping Mechanism firmly holds the paper, greatly enhancing accuracy of registration. The uniquely designed catch tray and adjustable delivery mechanism enables concise stacking of the prints. A new ink system monitors the ink flow to deliver faster drying time and reduced setoff. And, the Automatic Margin Erase and Background Correction Modes eliminate unwanted shadows that can come from book copying or leaving a platen cover open.

## Advanced Features

The SD450 integrates advanced features to enhance operation and productivity...

- Built-in image rotation and automatic page sizing correctly match the image to the size paper set in the feed tray.
- Equipped with original storage function – allows storage of up to 8 originals for reprinting at a another time.
- Digitally controlled paper feed settings made at the operation panel.
- Digital horizontal and vertical registration control, accurate to 0.02".
- Multi-copy print function allows for printing 2-, 4-, 8-, and 16-up.
- Security Mode prohibits a master on the drum from being printed by unauthorized persons by locking the drum so that additional copies can't be made, without wasting any masters.
- Using the optional ADF can automatically save up to 50% of normal copy costs when printing 8 1/2" x 11" paper.

## Print in Color

Optional color drums allow printing in all Standard colors or in any custom match color. Color applications that need higher productivity and enhanced color registration will benefit from the optional SD622 two-color in one-pass digital duplicator that works in tandem with the SD450.

## Fast and Quiet

The SD450 can deliver its first print in 12 seconds, making it one of the fastest first print times in its class. The dual-cylinder system combined with a safety/noise shutter in the paper feed tray and decreased use of gears and cams reduces the noise level significantly – even at speeds of 120 sheets per minute.

## Economical

On longer runs, the SD450 prints pages for as low as one-third of a cent – about one-fifth the cost of a photocopied page.

## Specifications

Process:	Automatic Digital Imaging
First Copy Time:	12 seconds
Printing Speed:	60 - 120 sheets per minute
Scanning Resolution:	400dpi
Paper Size:	2.8" x 5.8" to 12.6" x 17.6"
Paper Weight:	13 lbs. to 110 lbs. index
Image Area:	11.4" x 16.5"
Paper Tray Capacity:	1000 sheets (20 lb. Bond)
Master Roll Capacity:	200 masters/roll
Master Eject Tray Capacity:	60
ADF:	Optional
ADF Capacity:	50 originals (14 - 35 lbs.)
Print Colors:	Unlimited with the exception of metallics and fluorescents through custom match
Standard Features:	Glass Platen, Job Separator, Original/Job Storage, Image Rotation, Security Mode, Tint Mode, Auto Margin Erase, Program Mode, Initial Setting, Combine 2-4-8 and 16 up mode, Auto Background Correction, Quality Start, Stamp Mode, Economy Mode, Directional Magnification, Skip Feed Mode, Class Mode, Auto Image Rotate, Document Storage, Stamp Mode, Overlay
Preset Reductions:	65, 74, 77, 93
Preset Enlargements:	121, 129, 155
Options:	ADF (50 sheets), 8.5" x 11" Master Auto Cut (w/ADF) Digital Editing, Color Print Cylinders, GDI Type Computer Interface, Network PSII Compatible Interface, Local/Network Embedded PS-3 Interface, SD622 (Two-color In One-pass Printer)
Power Source:	120V, 60Hz, 4.5A
Power Consumption:	280W
Weight:	213 lbs./240 lbs.
Dimensions (WxDxH):	56.5" x 27.5" x 26.5"
With cabinet:	56.5" x 27.5" x 42.5"

*Specifications subject to change without notice. All product names are Trademarks or registered trademarks of their respective companies.*



### Connects to PCs

*A choice of three advanced computer interface options help create the absolute best print quality. The network controller enables one or more computers to be connected, making the SD450 the center of office printing operations.*



### Dual Cylinder System

*Add the SD622, the two-color in one-pass accessory expands your color printing productivity and capabilities.*