

Digital Duplicator

RICOH DD 5450

Printer Copier Facsimile Scanner

RICOH
imagine. change.



DD 5450

150 ppm
monochrome
and spot color



Send a powerful message with speed and convenience

When you craft the right message, you want to share it with as many people as possible. With the RICOH® DD 5450 Digital Duplicator, you can produce professional-looking bulletins, newsletters, menus, standardized tests and other jobs at high speeds with consistent image quality, print after print. Use it in faith-based organizations, government offices, print shops, campuses and more to distribute information quickly and economically in a wide range of media to expand your reach.

- Deliver up to 150 prints/copies per minute
- Create up to 11" x 17" high-quality documents in-house and reduce outsourcing costs
- Use the color touchscreen to program jobs and perform other tasks with ease

Work quickly, conveniently and continuously

A big job shouldn't take a big chunk out of your workday. Use the DD 5450 to produce large quantities of a single document to save time, resources and your budget. Take advantage of paper capacity and stacking up to 1,500 sheets to minimize reloads and maximize output. Whether you scan originals via the large platen or the optional automatic document feeder, you can create a master in seconds and print more than 1,000 sheets in minutes. By sharing critical information quickly, your audience can make quick, more informed decisions.

Showcase your best from beginning to end

Documents that look better leave a good impression. With the DD 5450, you can avoid outsourcing costs by producing a wider range of black-and-white and spot color documents in-house on sizes up to 11" x 17" and media up to 110 lb. Index, including cardstocks. Impress your audience with vivid images, sharp text and smooth halftones with image resolution up to 600 dpi.

Put productivity within your reach

You're interested in duplicating documents, not your workload. Prepare large jobs and move on to the next one quickly via a large 5.7-inch color touchscreen that puts critical information at your fingertips. Change paper size, set darkness levels, check paper guide details, monitor device status and more with speed and precision. You can also set shortcuts and print a proof copy prior to printing to minimize costly delays and mistakes. We designed the DD 5450 so even a novice operator can easily switch black-and-white and color drums, replace consumables and more.

Make a bigger impact with less effort

Use the DD 5450 to help lower operating costs and print with ease. It's ENERGY STAR® certified and offers Typical Electricity Consumption (TEC) of 2.0 kWh/week. Add a USB Direct Print option to bypass the network. Simply carry your digital document with you on a portable USB drive and plug it in for fast, secure delivery. Prefer a direct connection to your network or workstation? Choose the optional LAN or USB cable interface.

Mainframe

Master Processing	Digital
Printing Process System	Press Roller System, Full Automatic One Drum
Original Type	Sheet, Book
Operation Panel	5.7" QVGA Color Touch Panel
Original Size	Platen: Maximum – 11.7" x 17.0" (297 mm x 432 mm) Document Feeder: 3.9" x 5.8" to 11.7" x 17.0" (100 mm x 148 mm to 297 mm x 432 mm)
Pixel Density	Master Making: 300 dpi x 600 dpi Scanning: 300 dpi x 600 dpi
Image Mode	Text, Photo, Text/Photo, Pencil, Screen (two types)
Image Density	For Scanning, Master-Making and Printing: 5 Levels
Reproduction Ratio	Reduction: 50%, 64%, 77% Enlargement: 121%, 129%, 154% 50% – 500% (by 1%)
Zoom (Custom)	Up to 11.4" x 16.6" (290 mm x 423 mm)
Printing Area	Vertical +/- 15 mm (Electronic)
Image Positioning	Horizontal +/- 10 mm (Manually)
Print Paper Size	Maximum: 12.6" x 18" (320 mm x 450 mm) Minimum: 3.95" x 5.5" (100 mm x 148 mm)
Print Paper Weight	12 to 110 lb. Index (45 to 210 g/m ²)
Printing Speed	45 – 130 sheets per minute (A4) – 5 Levels Top Speed 150 ppm
Paper Feed Tray	Up to 1,500 sheets (17 lb. Bond/64 g/m ² paper)
Paper Deliver Tray	Up to 1,500 sheets (17 lb. Bond/64 g/m ² paper)
Master Feed Capacity	220 masters/roll (A3)
Used Master Capacity	55 masters
Special Features	Color Drum Change, Auto Rotation, Book Shadow Erasure, Economy Mode, Multiple Exposure, Confidential Safeguard, Panel Setting Memory, Shortcut Setting, Auto Pressure Control, Master Re-make, Fine Start, Prints Per Set/Document Program, Energy Saver Mode, Auto Shut Off, Replenishing Ink, Print Tray Detection, Master Remain Monitor, Used Master Roll Capacity Monitor, Ink Detection, Document Position Detection
Power Source	120 V, 50/60 Hz
Sleep Mode	7.4 W
Typical Electricity Consumption* (TEC)	2.0 kWh/week
ENERGY STAR	Certified
Default Time to Sleep	5 minutes
Supported Languages	English, German, French, Polish, Spanish, Italian, Russian, Japanese, Korean, Thai, Traditional Chinese, Simplified Chinese
Dimensions (WxDxH)	With Platen: 55.1" x 27.1" x 28.1" (1,401 mm x 688 mm x 715 mm) With ADF: 55.1" x 27.1" x 33.7" (1,401 mm x 688 mm x 857 mm)
Weight	224.4 lb. (102 kg) 238 lb. (108 kg) with optional ADF
Optional Equipment	Platen Cover PN7000, Automatic Document Feeder DF7010, Printer Unit (NIC) Type D1, Printer Unit (USB) Type D1, USB Slot Type D1, Tape Dispenser Type D1, A3 & A4 Color Drum, Cabinet Type K
Supplies	Black Ink, Color Inks (Red, Blue, Green, Brown, Navy), Masters, Paper Marker Tape

*Typical Electricity Consumption by ENERGY STAR Qualified Imaging Equipment Test Procedure

Automatic Document Feeder (DF7010) – Optional

Original Size	3.9" x 5.8" to 11.7" x 17.0" (100 mm x 148 mm to 297 mm x 432 mm)
Original Weight	17 to 34 lb. Bond (64 – 128 g/m ²)
Original Table Capacity	85 sheets (22 lb. Bond/80 g/m ²) 100 sheets (17 lb. Bond/64 g/m ²)

Printer Unit (NIC) Type D1 – Optional

Printer Language	DPL
Host Interfaces	Ethernet (RJ-45 Network Port: 10Base-T/100Base-TX)
Protocol	TCP/IP, NetBEUI
Supported Resolutions	300 x 600 dpi
Supported OS	Windows® Vista/7/8/8.1/10

Printer Unit (USB) Type D1 – Optional

Printer Language	DPL
Host Interfaces	USB 2.0
Protocol	USB 2.0
Supported Resolutions	300 x 600 dpi
Supported OS	Windows Vista/7/8/8.1/10

USB Slot Type D1 – Optional

Printer Language	DPL
Host Interfaces	USB 2.0
Supported Resolutions	300 x 600 dpi
Supported OS	Windows Vista/7/8/8.1/10

Tape Dispenser Type D1 – Optional

Tape Feed Length	11" (280 mm)
Tape Feed Speed	4.1"/second (104 mm/second)
Dimensions (WxDxH)	5.9" x 4.7" x 7" (150 mm x 120 mm x 180 mm)
Weight	4.4 lbs./2 kg

For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

Specifications subject to change without notice.