

# RZ310

high-speed printer-duplicator

## b e n e f i t s

### Optimum print quality at an affordable price

The RZ310 Printer-Duplicator economically offers color, speed, versatility, and advanced performance features. Equipped with the RISO i Quality System™ assuring optimum print quality and minimal paper waste, the RZ310 is the perfect high-speed, low-cost letter-sized printing solution.

### A fast and versatile printer for forms, letterhead, and more

The RZ310 prints in a palette of colors at 130 pages per minute, on a wide variety of paper stocks and sizes. Choose paper stocks from 13# carbonless to 110# card

stock, and print flyers, brochures, multi-part forms, rate sheets, menus, letterhead, business cards, envelopes and more.

### High-quality 600e dpi imaging

With traditional 600 dpi imaging, the original is scanned and printed at a resolution of 600 x 600 dpi (dpi refers to the actual number of perforations in the master that the Printer-Duplicator produces from a scan). The RZ310 features new RISO 600e dpi digitally enhanced technology that emulates 600 dpi output.

Digitally enhancing the scan raises the actual scan resolution and changes the position of the projected perforations. The perforations are paired, providing an appearance of a smoother line, similar to the curved line produced by a higher resolution scan. RISO's emulated 600 dpi provides much-improved imaging over standard 300 x 600 dpi imaging while still remaining affordable.



## features

### i Q Technology

The RISO RZ310 is equipped with the RISO i Quality System. Two-way communication between RISO i Quality System-equipped printers and their supplies are made via integrated RF (Radio Frequency) tags. These tags relay information to the printer, assuring optimum first print quality and superior output throughout the entire job.

### Link print

RISO's Link Print feature allows you to scan your original on the RZ310 Printer-Duplicator and send the scanned data to a RISO laser printer, saving the cost of a master when the size of the print run doesn't justify it.

### Easy front operation

Thoughtful design makes it simple to change colors and refresh supplies in the RZ310. The printer's front section opens wide and the master making unit pulls out like a drawer, allowing easy placement of a fresh master roll. Setting a new ink bottle into the RZ310 is little more than a one-click operation. Simply insert the bottle, twist into place, and close the printer door. It's all part of RISO's "clean hands" operating policy.

### Scanning level adjustment

Five-step scanning level adjustment allows you to adjust the RZ310's scanner to match the density of your original. An auto position is also available.



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## specifications

<b>processing</b>	High-speed fully automatic digital scanning, thermal screening printing system
<b>resolution</b>	Scanning: 300 x 600 dpi. Imaging: Emulated 600 dpi.
<b>first copy time</b>	Letter/portrait: 16 seconds
<b>printing speed</b>	5 steps (60, 80, 100, 120, 130 ppm)
<b>original size and weight</b>	From stage glass: Up to 22 lb. 1.9375" x 3.5625" to 11.6875" x 17" (50 x 90 mm to 297 x 432 mm) In the optional AF: 50 sheets, 15 lb. bond to 28 lb. bond (50 to 110 gsm) 3.5625" x 5.5" to 11.6875" x 17" (90 x 140 mm to 297 x 432 mm)
<b>paper size and weight</b>	3.9375" x 5.8125" to 11.6875" x 17" (100 x 148 mm to 297 x 432 mm) 13 lb. bond to 110 lb. index (46 gsm to 210 gsm)
<b>image processing mode</b>	Line, Photo, Duo, Pencil, Ink Saving
<b>image area (max.)</b>	8.25" x 11.4375" (210 x 290 mm)
<b>paper capacity</b>	1000 sheets in feed tray and receive trays 20 lb. bond (75 gsm)
<b>preset reduction/enlargement</b>	61%, 65%, 78%, 94%, 121%, 129%, 154%
<b>zoom reduction/enlargement</b>	50%-200% in 1% increments
<b>print position adjustment</b>	Vertical: $\pm 0.5"$ (15mm); Horizontal: $\pm 0.375"$ (10mm)
<b>standard features</b>	RISO i Quality System, Integration of DMS, Dot Screening (2 Dot Photo Modes), Print Speed/Density Control, Bound Document Processing, Confidential Mode, Energy Saving Mode (Auto Power Off/Auto Sleep), Automatic and Manual Idling, Auto Process, 2-up Printing, Programmed Printing, Initial Setting Customization, Paper Size Detection, Preventive Maintenance Indicator, Precision Stacking Tray, Paper Jumping Wing Adjustment, and Stand
<b>options</b>	Integrated GDI System Controller, Link Print, Network Card, Color Print Cylinders, Automatic Document Feeder, Job Separator, Key Card Counter, and Special Paper Feed Kit
<b>electrical</b>	120V AC, 60 Hz <2.5 A>
<b>weight</b>	Approx. 220 lbs. (100 kg)
<b>dimensions (w x d x h)</b>	In use: 54.3125" x 25.375" x 40.75" (1380 x 645 x 1035 mm)

#### optional integrated system controller specifications:

<b>CPU</b>	SH-3 (133 MHz)
<b>PDL</b>	RISORINC 3N (advance/simple)
<b>OS</b>	Windows 98, Windows NT 4.0, Windows 2000, Windows XP and Mac OS 8.6-9.2.2
<b>input port</b>	Parallel (IEEE 1284 A Centronics), Ethernet (10BASE-T/100BASE-TX)
<b>memory</b>	64MB
<b>network protocol</b>	TCP/IP, Apple Talk, NetBEUI, LPR (for print), FTP (for file transfer), SNMP, HTTP, DHCP (for administration), UDP (for monitor)

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