

# RZ990

high-speed printer-duplicator

## b e n e f i t s

### Productivity

Boasting ultra high-speed, exceptional print quality, productivity-enhancing features, and low operating sound and cost, the RZ990 is the flagship of all digital duplicators! Its unrivaled speed of 180 pages per minute and its first time to print make the RZ990 amazingly fast. The consistent high-quality output is a result of traditional 600 dpi scanning and printing, a new graphic interface, and an enhanced paper handling mechanism. This results in high-quality images with superior solids, even at the maximum print speed.

### Versatility

In addition to its high-speed printing capabilities and exceptional print quality, the RZ990 is extremely versatile. Because Printer-Duplicators don't use any heat and have a short straight paper path,

they can easily run a wide variety of paper stocks and sizes. With over 70 colors to choose from, you can print a variety of applications—calendars, newsletters, posters, menus, envelopes, brochures, postcards, and more—quickly and colorfully. The RZ990 also offers running costs as low as 1/3 of a cent per page. The RZ990 is also engineered with a newly designed soundproof system, making it remarkably quiet in spite of its speed.

### Simplicity at work

The RZ990 puts the power of a print shop into one, simple-to-use device. It's as easy to use as a photocopier, with far more capabilities and benefits. The RZ990 comes ready to connect to your computer with high-speed USB 2.0 connection, and will reproduce documents sent from a computer or scanned off its platen glass. The RZ990 also comes equipped with a built-in RISO Editor, allowing you to scan an original and easily and precisely make color separations and changes directly from the touch screen.



## features

### High-Quality Ledger-Format Printing

The RZ990 offers ultra high speed ledger-size format network printing capabilities. Even at a blazing 180 pages per minute, the RZ990's 600 dpi print quality remains consistent from the start of your print job to its completion.

### i Q Technology

The RISO RZ990 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

Reduce your printing expenditures with aggressive cost containment through software-directed job distribution. The RZ990 was developed to be compatible with RISO Multi-Functional Printers to create a full document management solution. Specially developed optional software can direct your low-volume jobs to the most appropriate printing device.



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Printed in USA

## specifications

<b>master-making/ printing methods</b>	High-speed digital master-making/ fully automatic stencil printing
<b>original type</b>	Book (22 lb/10kg lb or less), sheet
<b>original size/weight</b>	When using the Stage Glass: 1 15/16" x 3 9/16" to 11 11/16" x 17" (50 x 90mm to 297 x 432mm), 22 lb (10kg) or less When using the AF-VI (option): 3 15/16" x 5 13/16" to 11 11/16" x 17" (100 x 148mm to 297 x 432mm), 14 lb bond to 34 lb bond (50gsm to 128gsm) When using the DX-1 (option): 4 1/8" x 5 1/16" to 11 11/16" x 17" (105 x 128mm to 297 x 432mm); Single side feeding: 12 lb bond to 34 lb bond (40gsm to 128gsm); Double side feeding: 14 lb bond to 28 lb bond (52gsm to 105gsm)
<b>scanning area (max.)</b>	11 11/16" x 17" (297 x 432mm)
<b>print paper size (max./min.)</b>	3 15/16" x 5 13/16" to 12 5/8" x 17" (100mm x 148mm to 320mm x 432mm)
<b>paper supply capacity</b>	1000 sheets, 17 lb bond (64gsm)
<b>print paper weight</b>	13 lb bond to 110 lb index (46gsm to 210gsm)
<b>image processing mode</b>	Line, Photo (Standard/Portrait/Group), Duo, Pencil
<b>resolution</b>	Scanning: 600dpi x 600dpi; Printing: 600dpi x 600dpi
<b>master making time</b>	Approx. 16 sec. (for A4/landscape/100% reproduction ratio)
<b>Printing Area (max.)</b>	11 7/16" x 16 3/4" (291mm x 425mm)
<b>reduction/enlargement</b>	Zoom: 50% to 200% Preset: inches: 200%, 154%, 129%, 121%, 78%, 65%, 61%, 50%; metric: 163%, 141%, 122%, 116%, 87%, 82%, 71%, 61% Free: Vertical 50% to 200%, Horizontal: 50% - 200% Margin+: 90% to 99%
<b>print speed</b>	Approx. 60 to 180 pages per minute*1
<b>print position adjustment</b>	Vertical: ±9/16" (±15mm); Horizontal: ±3/8" (±10mm)
<b>ink supply</b>	Fully automatic (1000 ml (cc) per cartridge)
<b>master supply/disposal</b>	Fully automatic (approx. 215 sheets per roll)
<b>master disposal capacity</b>	100 sheets
<b>user interface</b>	LCD touch sensitive panel with Progress Arrow indicators, front-side operation
<b>features</b>	RISO EDITOR, Auto-Process, Dot Process, Contrast Adjustment, Tone Curve, Ink Saving, Multi-Up Print, Book Shadow, Auto 90° Rotation, Top and Side Margin, Preview, Silent, Print Density Adjustment., Proof, Double Feed Check, Interval, Eject Wing Control, Special Paper Control, Confidential, Program, Job Memory, Reservation, Renew Page, Auto Page Renewal, Max. Scan., ADF Semi-Auto*2, Scanning Side ADF*3, Digital Copy Count, Rotate, Custom Paper, Protect, Energy Saving Mode, Admin, Direct Access & Selections Entry, USB 2.0, Built-in Network Card, Info. Mail, Scan Mode*4, Storage Memory*4, Overlay*4, Link Print*5, RISO i Quality System
<b>power source</b>	100V-120V AC, 50Hz/60Hz <7A> 220V-240V AC, 50Hz/60Hz <3A>
<b>dimensions</b>	When in use: 55.31" (W) x 27.56" (D) x 25.98"(H) [1405mm(W) x 700mm(D) x 660mm(H)] without Stand When in storage: 30.51" (W) x 27.56" (D) x 25.98"(H) [775mm(W) x 700mm(D) x 660mm(H)] without Stand
<b>weight</b>	Approx. 254lb (115kg) without Stand (D type stand: 42lb or 19kg)

\*1 Max. Paper weight at 180ppm limited to 14lb to 28lb (52gsm to 105gsm)

\*2 Optional Auto Document Feeder (AF-VI or DX-I) is required.

\*3 Optional Auto Document Feeder DX-I is required.

\*4 Optional Document Storage Card DM-128CF is required.

\*5 Optional Networked Laser Printer is required.

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