

# MZ790

two-color printer-duplicator

## b e n e f i t s

### Versatile printing

Now everybody can enjoy high-quality, high-speed 2-color printing with RISO's revolutionary MZ790. Offering 2-color printing in a single pass, the MZ790 features the ease of use and quality output that make RISO printers the world's favorite. Advanced technology makes color separation, master-making, and printing little more than a pushbutton operation, and the vast array of RISO inks offers you a huge selection of colors to choose from to add extra impact to all your documents.

### Fast, efficient one- or two-color printing

Printing in two colors is now virtually quick and easy as printing in a single

color. Thanks to the MZ790's advanced technology, there's no need to prepare separate originals for each color. Now you have the choice: printing in a single color or adding the immediacy of a second color—all in a single pass. It's never been easier to produce attractive, high-quality documents and the MZ790 offers you a choice, all in a single compact machine.

### World's fastest two-color Printer-Duplicator

RISO printers are known worldwide for their high speed and high quality, and the MZ790 is no exception. At every step, from scanning the original through master making through final output, the MZ790 gets the job done fast. A maximum print speed of 150 ppm gets you to the end of even the longest print job in an astonishingly short time, taking less than 7 minutes to print 1,000 pages.



## features

### Superb 2-Color Printing

When you want to produce documents with the power and impact that two colors bring, the MZ790 is the easy, efficient answer offering two-color printing in a single pass.

### High Quality Single Color Printing

For speed and ease, you can run the MZ790 as a single-color printer to output simple documents that don't need the extra impact of a single color.

### Easy 2-color

The MZ790 features "easy 2-color"—a process that not only makes it easy to create 2-color masters, you even get a choice of how to do it so you can select the method that's easiest for you or most suitable for any particular print job.

### RISO i Quality System

The RISO i Quality System offers a large number of quality and convenience benefits, including automatic assurance of optimum print quality, prevention of operator error, warning of shortages in remaining ink/master volume, and minimized paper waste. The RISO i Quality System gives easy monitoring of the status of consumables. Simply press the "i Info" button on the Basic Screen for a graphic display of remaining consumables.



**RISO, Inc.**  
300 Rosewood Drive  
Danvers, MA 01923  
Tel: 800-876-RISO (ref. 501)  
us.riso.com

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Printed in USA

## specifications

<b>processing</b>	High-speed fully automatic digital scanning, thermal screening printing system
<b>resolution</b>	Scanning: 600 x 600 dpi. Imaging: 600e dpi.
<b>first copy time</b>	Dual color print: Approximately 57 seconds Single color print with Cylinder 1: Approximately 24 seconds Single color print with Cylinder 2: Approximately 34 seconds
<b>printing speed</b>	60-150 ppm. 5 steps (60, 80, 100, 110, 120 ppm) variable from control panel; 150 ppm selectable from touch panel.
<b>original size and weight</b>	From stage glass: 22 lb. or less. 1.9375" x 3.5625" to 11.6875" x 16.53" (50 x 90 mm to 297 x 420 mm)  In the optional Automatic Document Feeder: 50 sheets, 15 lb. bond to 34 lb. bond (50 to 128 gsm) 3.5625" x 5.5" to 11.6875" x 16.53" (90 x 140 to 297 x 420 mm)
<b>paper size and weight</b>	Dual color print or single color print with Cylinder 2: 7.165" x 10.12" to 11.6875" x 17" (182 x 257 mm to 297 x 432 mm) Single color print with Cylinder 1: 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 modes</b>	Line, Photo (Standard, Portrait, Group), Duo, Pencil
<b>image area (max.)</b>	11.4375" x 16.25 (291 x 413 mm)
<b>paper capacity</b>	1000 sheets in feed tray and receive trays, 17 lb. bond (64 gsm)
<b>preset reduction/enlargement</b>	50%, 61%, 65%, 78%, 121%, 129%, 154%, 200%
<b>zoom/free reduction/enlargement</b>	Zoom: 50%-200% in 1% increments. Free (individual adjustment of length or width): 50%-200%. Margin+: 90-99%
<b>print position adjustment</b>	Vertical: ±0.59" (15mm); Horizontal: ±0.375" (10mm)
<b>standard features</b>	Easy 2 Color, RISO Editor, Auto Process, Dot Screening (4 Dot Photo Modes), Scanning Contrast (Auto + 5 selectable steps), Top and Side Margin Adjust, Bound Document Processing, Photo Contrast Adjust, Tone Curve Adjust, Ink Saving Mode, Multi-up Printing (2/4/8/16/ticket), Renew Page, Preview, Print Density Adjustment (5 steps), Double Feed Check, Interval Print, Program Printing, Job Memory, Reserve, Automatic and Manual Idling, Confidential Mode, Combination Print, Custom Paper Entry, Admin. Setting, Direct Access and Selection Entry, Document Storage*, Overlay*, Stamp*, Link Print**, RISO i Quality System, Integration of Document Management Solutions, Integrated GDI System Controller, LCD Touch Panel, Print Speed/Density Control, Energy Saving Modes (Auto Sleep, Auto Power Off, Power Off Schedule), Paper Size Detection, Preventive Maintenance Indicator, Precision Stacking Tray, Auto Paper Jumping Wing Adjustment, Stand
<b>options</b>	Color Print Cylinders, Network Interface Card, Automatic Document Feeder, Job Separator, Key Card Counter, Special Paper Feed Kit
<b>electrical</b>	110V-120V AC, 50/60 Hz <7.3 A>
<b>weight</b>	Approximately 370 lbs. (168 kg)
<b>dimensions (w x d x h)</b>	In use, without stand: 63.19" x 28.54" x 28.74" (1605 x 725 x 730 mm)

### integrated system controller specifications:

<b>CPU</b>	SH-3 (133 MHz)
<b>PDL</b>	RISORINC 3N (advance/simple)
<b>OS</b>	Windows 98SE, Windows 2000, Windows XP and Mac OS 10.3
<b>input port</b>	Parallel (IEEE 1284), Ethernet*** (100BASE-TX/10BASE-T)
<b>memory</b>	64MB
<b>network protocol</b>	TCP/IP, NetBEUI, Apple Talk***

\*Optional Document Storage Card DM-128CF is required for Document Storage, Overlay, and Stamp functions

\*\* Optional Network Card RISORINC-NET and a networked laser printer is required for Link Print function

\*\*\*Optional Network Card RISORINC-NET is required for network and Macintosh connection

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