EZ590

**high-speed
digital duplicator**

Feature-rich ledger-sized digital duplicator

Versatile printing

If your organization is looking for a better, more cost-effective way to print, RISO has the solution for you. The EZ590 digital duplicator brings versatile printing capabilities to any environment. The EZ590 can print on a variety of paper stocks, including heavy card stock, recycled papers, newsprint, carbonless, pre-cut and odd-sized media easily and reliably. The EZ590 lets you create and print exciting marketing materials easily and affordably in-house. Print everything in your organization from letterhead and envelopes, newsletters, business cards, and forms to calendars, promotional and fundraising materials, and more in the quantities you need, when you need them.

Simplicity at work

The EZ590 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 EZ590 will reproduce documents sent from a computer, or scanned off its platen glass.

Eco-friendly

The EZ590 is designed to be friendly to our environment! Like all RISO digital duplicators, the EZ590 is ENERGY STAR qualified. With low power consumption, eco-friendly soy ink, and natural-fiber masters, plus a mercury-free LCD panel display, the EZ590 is a sound environmental choice.

Features

USB Flash Print: Get digital print quality without direct connectivity with the USB Flash Print. For confidential or last-minute print jobs, you can simply use your USB flash drive to get the job done. It is as simple as saving your documents to your USB drive and using the tools to queue jobs up for printing.

User Management: Eliminating the need for key card counters, User Management allows you to setup 100 accounts and 32 groups, making it simple to budget by department or user group. User Management lets you set up new user groups, rename, disable, limit usage, and get usage reports, giving you control of your printing and budgeting needs.

RISO i Quality System™: The RISO EZ590 is equipped with the RISO i Quality System™. Two-way communication between RISO i Quality System™-equipped printers and their supplies is 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.

Easy-to-use LCD panel: The EZ590 easy-to-use LCD panel allows for simple access to advanced features. It can be customized to best suit your printing environment.

RISO

Ink and Ingenuity

Integrated system controller specifications:

RISO PC INTERFACE CARD USB 2.0

CPU	SH-4 (240MHz)
PDL	RISORINC3
memory	128MB
OS	Windows 2000, Windows 2003, Windows XP, Windows Vista

optional RISO NETWORK CARD

input port	USB 2.0, Ethernet, (10Base-T, 100Base-TX)
network protocol	TCP/IP

EZ590 specifications

master-making/ printing methods	High-speed digital master-making/ fully automatic stencil printing
original type	Book (22 lb/10 kg or less), sheet
original size/weight	When using the Stage Glass: 1.96" x 3.54" to 11" x 17" (50 x 90 mm to 280 x 432 mm), 22 lb (10 kg) or less
	When using the ADF unit (option): 3.93" x 5.84" to 12.18" x 17" (100 x 148 mm to 310 x 432 mm), 14 lb bond to 34 lb bond (50 GSM to 128 GSM)
scanning area (max.)	11.69" x 17" (297 x 432 mm)
print paper size (min./max.)	3.93" x 5.84" to 12.18" x 17" (100 x 148 mm to 310 x 432 mm)
paper supply capacity	1000 sheets in feed tray and receive tray, 17 lb bond (64 GSM)
print paper weight	13 lb bond to 110 lb index (46 GSM to 210 GSM)
image processing mode	Line, Photo (Standard, Portrait/Group), Duo (Line/Photo/Shadow off), Pencil (Darker/Lighter)
resolution	Scanning: 300 x 600 dpi / Printing: 600e dpi
master making time	Approximately 20 seconds (for A4/landscape/ 100% reproduction ratio)
printing area (max.)	11.45" x 16.73" (291 x 425 mm)
reduction/enlargement	Zoom: 50-200% in 1% increments / Preset: 200%, 154%, 129%, 121%, 78%, 65%, 61%, 50% / Margin+: 90-99%
print speed	Approx. 60 to 130 pages per minute (five steps variable)
print position adjustment	Vertical: ± 0.5" (15 mm) / Horizontal: ± 0.375" (10 mm)
ink supply	Fully automatic (1000 ml per cartridge)

master supply/disposal	Fully automatic (approx. 215 sheets per roll)
master disposal capacity	100 sheets
features	LCD touch sensitive panel with Progress Arrow indicators, front-side operation, User Management, USB Flash Print, USB Print Manager, RISO Copy Count Viewer, RISO EDITOR, Auto-Process, Dot Process, Contrast Adjustment, Tone Smoothing, Ink Saving, Multi-Up Print, Book Shadow, 180° Rotation, Top and Side Margin, Print Density Adjustment, Proof, Double Feed Check, Interval, Eject Wing Control, Special Paper Control, Confidential, Program, Job Memory, Renew Page, Auto Page Renewal, Max. Scan., ADF Semi-Auto, Digital Copy Count, Custom Paper, Protect, Energy Saving Mode, Admin, Direct Access & Selections Entry, RISO PC Interface Card USB 2.0, Scan Mode, Storage Memory, Overlay, RISO i Quality System™, Stand
options	Color Print Cylinders, Automatic Document Feeder, Letter Cylinder, Key Card Counter, Job Separator, Document Storage Card DM-128CF, Card Stock Feed Kit, Envelope Kit, Ink/Master Holder, RISO Network Card, and PS7R-5000 Adobe® PostScript® 3™ RIP
power source	100V-120/220-240 V~, 2.5/1.3A, 50Hz/60Hz
power consumption	Maximum: 250w / Standby: 20w / Sleep Mode: 5w
dimensions (w x d x h)	When in use: 54.31" x 25.37" x 26" (1380 x 645 x 660 mm) without Stand
	When in storage: 30.53" x 27.37" x 26" (775 x 645 x 660 mm) without Stand
weight	Approx. 227 lb (103 kg) without Stand (D type stand: 42 lb or 19 kg)

ENERGY STAR