



RISO EZ Drum Ledger/A3



Card Feed Kit

RISO Network Card
 Document Storage Card DM-512CF
 RISO Printer Driver for Macintosh
 RISO Accounting Tool



RISO Auto Document Feeder AF-VI



RISO Key Card Counter IV:N

Consumables
 RISO MASTER Z TYPE (215 sheets per roll)
 RISO INK Z TYPE (1000ml per cartridge)



RISO Job Separator IV:N III



RISO Controller IS300

RISO EZ591U	Master-Making / Printing Methods	High-speed digital master-making / Fully automatic stencil printing
	Original Type	Book, Sheet
	Original Size	When using the Glass Platen : 11 1/16" x 17" (297 mm x 432 mm) When using the AF-VI (option) : 11 1/16" x 17" (297 mm x 432 mm)
	Original Paper Weight	When using the Glass Platen : 22 lb (10 kg) or less When using the AF-VI (option) : 13 lb bond - 34 lb bond (50 gsm - 128 gsm)
	Scanning Area (max.)	11 11/16" x 17" (297 mm x 432 mm)
	Print Paper Size	Standard : 3 15/16" x 5 27/32" - 12 3/16" x 17" (100 mm x 148 mm - 310 mm x 432 mm) Extend Paper Mode : 3 15/16" x 5 27/32" - 12 3/16" x 21 27/32" (100 mm x 148 mm - 310 mm x 555 mm)
	Paper Supply Capacity	1000 sheets (64 gsm)
	Print Paper Weight	Standard : 12 lb bond - 110 lb index (46 gsm - 210gsm) When using the Card Feed Kit (option): 27 lb bond - 221 lb index (100 gsm - 400 gsm)
	Image Processing Mode	Line, Photo (Standard / Portrait / Group), Duo, Pencil
	Resolution	Scanning resolution: 300dpi x 600dpi Printing image resolution: 600e dpi (600dpi x 600dpi: Perforation density on the master)
	Master-Making Time	Approx. 20 seconds (for A4 / Landscape / 100% reproduction ratio)
	Printing Area (max.)	11 7/16" x 16 3/4" (291 mm x 425 mm)
	Print Reproduction Ratio	4 enlargements (inch) : 121%, 129%, 154%, 200% / (metric) : 116%, 122%, 141%, 163% 4 reductions (inch) : 78%, 65%, 61%, 50% / (metric) : 87%, 82%, 71%, 61% Zoom : 50% - 200% in 1% increments Free : Vertical 50% - 200%, Horizontal : 50% - 200% Margin+ : 90% - 99%
	Print Speed	60 ppm - 130 ppm (5 steps variable)
	Print Position Adjustment	Vertical : ± 19/32" (± 15 mm), Horizontal : ± 3/8" (± 10 mm)
	Ink Supply	Fully automatic (1,000 ml per cartridge)
Master Supply / Disposal	Fully automatic (215 sheets per roll)	
Master Disposal Capacity	Approx. 100 sheets	
User Interface	LCD Touch Panel with Progress Arrow indicators, Front Side Operation	
Power Source	EZ591U: 100V - 120V AC, <3.4A> 50Hz - 60Hz / 220V - 240V AC, <1.6A> 50Hz - 60Hz	
Dimensions (WxDxH) without Stand	When in use: 55 23/32"(H) x 25 25/32"(D) x 26 3/16"(H) (1415mm(W) x 655mm(D) x 665mm(H)) When in storage: 30 23/32"(W) x 25 25/32"(D) x 26 3/16"(H) (780mm(W) x 655mm(D) x 665mm(H))	
Weight without Stand	Approx. 227 lb (103 kg)	

Specifications are subject to change without notice. Details may vary depending on the region.

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For more details please contact:

The unique approach to printing.



Ledger

130ppm

USB Flash Print

Large LCD Touch Panel



Cost Effective

EZ591U Digital Duplicator The Best Choice for Feature-Rich Ledger-Sized Printing

The RISO digital duplicator prints on a much broader range of media at speeds that far exceed commonly used laser-based copiers. The RISO digital duplicator is specifically designed to handle run lengths that are too long for copiers or laser printers.

With the highest resolution in the EZ series, the printing capability of the EZ591U digital duplicator facilitates the handling of print jobs ranging from everyday documents and business communications to more specialized applications like forms-on-demand, business cards, and even cardstocks.

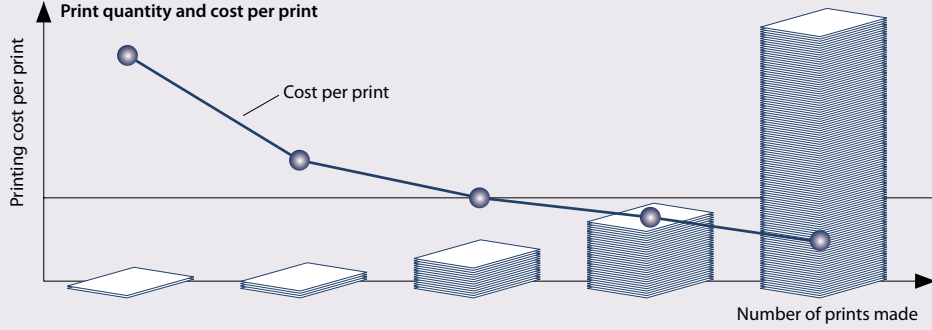
The ability to print directly from a USB flash drive as well as a large LCD touch panel puts you in control of getting the results you want. The EZ591U offers the superior choice for simple-to-use, hassle-free printing.

Cost Effective
Easy to Operate
High Speed & Productive
Versatile & Reliable
Environmentally Friendly



Duplicate to Save Costs

The RISO EZ591U digital duplicator makes prints from a master. As a result, the more pages generated from each master the lower the cost per print, making the RISO EZ591U highly economical for mid- to large-volume printing.



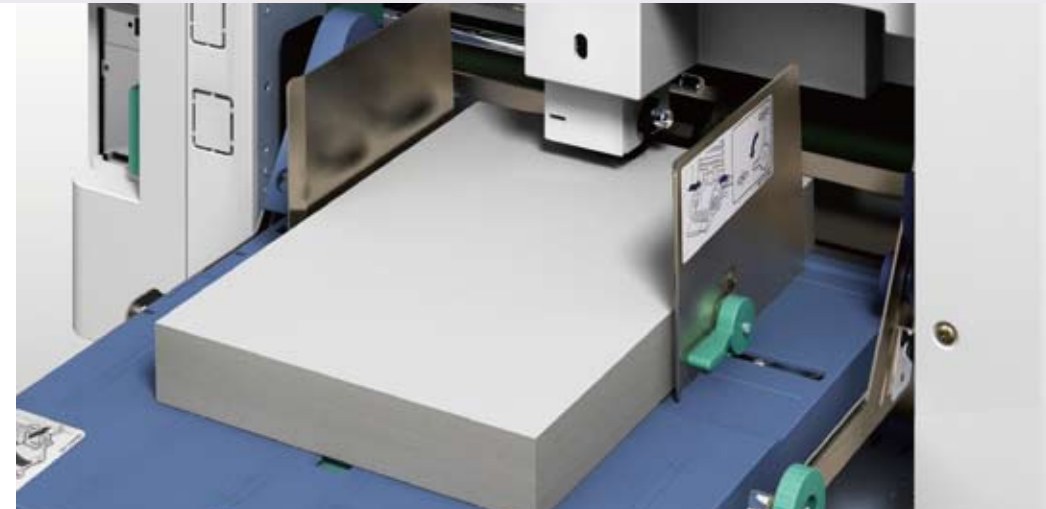
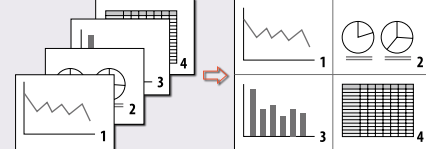
Take Control

Versatility Supports Cost Management
Bring specialty paper stock jobs in-house to avoid the costs of outsourced printing. The EZ591U accepts multiple paper stocks; such as newsprint, construction paper, envelopes, postcards, and recycled paper. It handles legal size as well. At 130 impressions per minute, you can double or even triple printing output without increasing printing costs.

Save Energy NEW
A digital duplicator consumes as little as 1/6th* the energy of a photocopier. For extra power efficiency, the EZ591U features an ECO Mode to minimize electricity consumption without compromising print quality. After a specified time in idle, the machine automatically enters into sleep mode, reducing power consumption by half; to just about 5W. Auto Power-OFF Mode turns the power off.
*When compared with a 1500W photocopier or multifunction printer.

Economic Printing
Further savings can be realized when using the Ink Saving Mode to reduce ink usage when printing drafts or proofs.

Reduce Paper Consumption
Print multiple copies onto one sheet of paper by using the layout migration feature, 2UP and Multi UP Print functions.



Enhanced Printing

Customize to Optimize

The EZ591U allows you to print from a wide variety of original formats. Multiple features help improve printing productivity and output.

The EZ591U is easy to connect to a PC. Using a USB cable, users can print original data directly from the PC or a USB flash drive for extra-clear results. An optional card is available for network connectivity (RISO Network Card).



Optimize

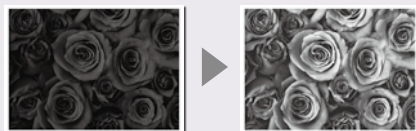
Optimize Your Output

For optimal output, the EZ591U features four preset Image Processing Modes: Line, Photo (standard/portrait/group), Duo (line/photo/shadow off), and Pencil (darker/lighter).



Clearer Photos

An original photo with ill-defined contrast can be adjusted to print with greater clarity by using the Contrast Adjustment Function.



Note: Only applicable when using Photo Image Processing Mode.

Ideal Tone Curve

NEW

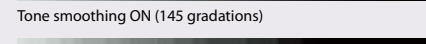
It's easy to make tone curve adjustments by selecting -1, 0, +1 on the large LCD touch panel.

Note: Only applicable when using Photo, Duo or Pencil Image Processing Mode.

Gradation Made Easy

Reproduce photos and images with smoother, improved gradation with the Tone Smoothing Function*.

*Printer Driver Function



Screen-covered Frequency: 71-lpi band at initial setting

Note: Only applicable when dot processing is selected.

Increase the Retention Rate of Your Message

Spot-color enhances the appeal of your document. The print cylinder is easily removed from the main unit and replaced with the color of your choice. RISO has a wide variety of color inks (18 Standard and 62 Special Edition) as well as the capability to order Custom Colors.



Intuitive

Ease of Use

Operation of the RISO EZ591U is intuitive; just follow the instructions displayed on the large interactive touch panel.



Smart Design

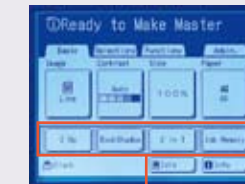
Interactive Editing

With a touch screen stylus, just point to an area of the photo or image on the large LCD touch panel to specify the desired area for separation and spot color printing. The display image can also be enlarged to edit with finer detail.



Instant Recall

Speed up your workflow by assigning frequently used functions to the Direct Access Area of the easy-to-use LCD touch panel.



Direct Access Area

Convenient Master Disposal

Only from RISO

The intuitive design makes it easy to dispose of used masters; the drawer-like box pulls out and a vertical turn and a twist of the wrist allow easy disposal of the used master.



Productive

Speed to Print

The EZ591U can print up to a maximum of 130 pages per minute. That's over 1,000 pages in only eight minutes.

Time required to print 1,000 pages



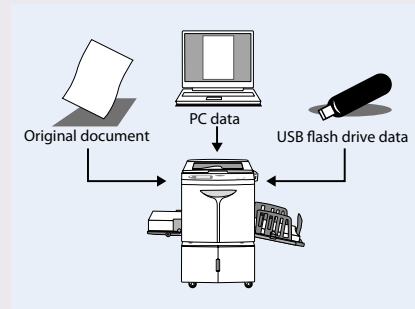
Note: Approximately three times faster than a photocopier or multifunction printer when compared with a 40ppm photocopier or MFP.

Enhanced Efficiency

Remote Network Access*

Send data and printer settings remotely by connecting the EZ591U to your computer network. The design of the printer driver used for this purpose is based on that used for the acclaimed RZ10 series.

*Requires optional RISO Network Card.



Direct Printing from USB Flash Drive

Only from RISO

Even when the EZ591U is not connected to the network, you have the ability to communicate directly with the machine via the USB slot. Simply insert a USB flash drive containing the digital data and retrieve the data from the operation panel to print. Direct printing not only saves time, it improves output.



Document Storage Card Option

NEW

An optional Document Storage Card DM-512CF is great for saving frequently used data, such as templates and forms.

Paper Output Mechanism Neatly Stacks Paper at High Speed

Only from RISO

The paper ejection mechanism with the V-shaped configuration of the paper receiving tray, neatly cascade and stack jobs for simple removal thereby enhancing productivity.



Reliable

Engineered to Last

With an impressive monthly duty cycle and 130 impressions per minute the RISO EZ591U is designed to handle a range of high-volume printing needs. The machine has been rigorously tested to ensure compliance with these requirements (1,000,000 copy testing).

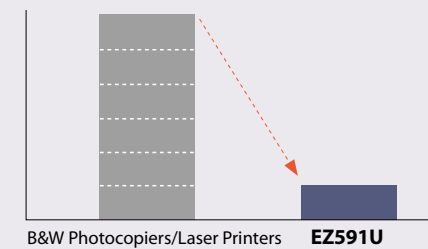
Additional Features

Green Is More Than Just a Color

RISO duplicators consume 1/6th* the energy required to run multifunction printers. Features like Auto Power OFF, Auto Sleep Modes, and the ability to print on recycled stocks with soy-based ink make the EZ591U an environmentally friendly printing choice. RISO EZ series models are ENERGY STAR certified, meeting a high standard for energy-efficient output devices.



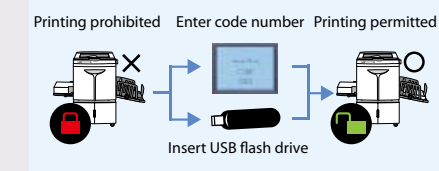
*When compared with a 1500W photocopier or multifunction printer.



Protect Your Information

The EZ591U User Management System allows you to set up new user groups, rename, disable, limit usage, and receive usage reports*, giving you control of your printing and budgeting needs. There is also a Confidential Mode that prevents the unauthorized reprint of previously created masters.

*RISO NETWORK CARD is required.



RISO i Quality System

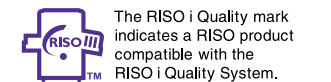
Only from RISO

The RISO i Quality System delivers a large number of quality and convenience benefits. Among them are:

- Automatic assurance of optimum print quality
- Prevention of operator error
- Warning of shortages in remaining ink/master volume
- Minimized paper waste

The RISO i Quality System enables 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 i QualitySystem™



The RISO i Quality mark indicates a RISO product compatible with the RISO i Quality System.

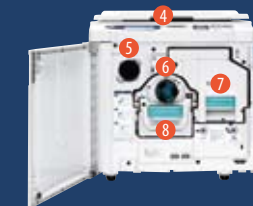


Feed side



1. PC interface
2. Master disposal box
3. Paper feed tray

Front



4. Flat bed scanner
5. Ink cartridge cap holder
6. Easy ink setting
7. Slide-out master-making unit
8. Lightweight print cylinder

Output side



9. USB flash print
10. Paper receiving tray
11. Paper arrangers