Digital duplicator

RISO SJ 9390

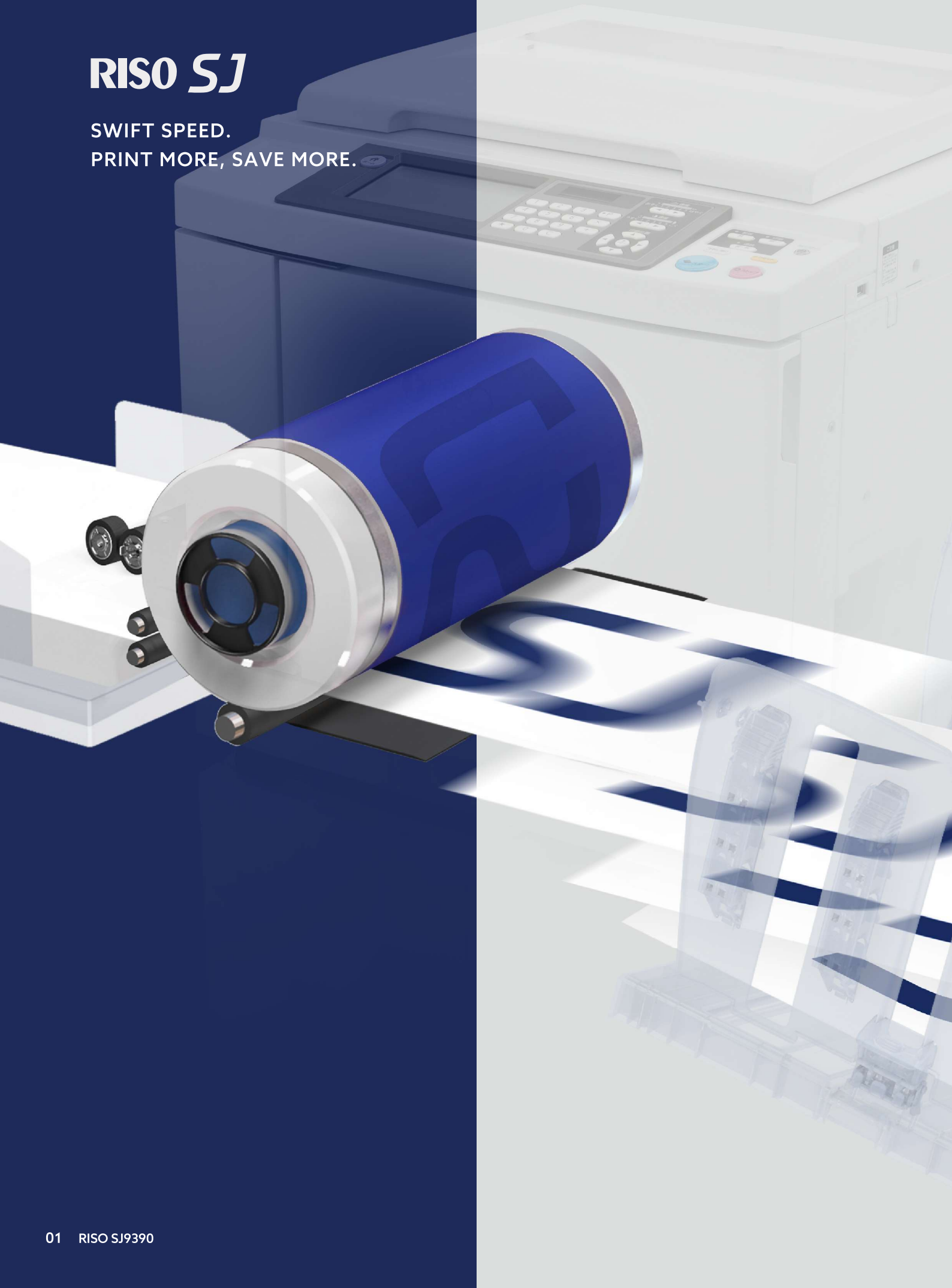


ULTIMATE SPEED. STUNNING CLARITY.
The high-end series that delivers it all.

PRINT SPEED	QUALITY	PRINT SIZE
200 sheets/min.	600 dpi × 600 dpi	A3

RISO SJ

SWIFT SPEED.
PRINT MORE, SAVE MORE.



Speed Beyond Limits, Economy Without Compromise

PRINT SPEED
200ppm

Enhanse productivity with Unmatched speed: Up to 200 Pages Per Minute

Finish a 1,000-sheet job in just 5 minutes. Whether it's A4 or A3, our high-speed printing revolutionizes your workflow and drastically slashes turnaround times. With 7 adjustable speed settings ranging from 60 to 200 ppm, you have total control over every task.

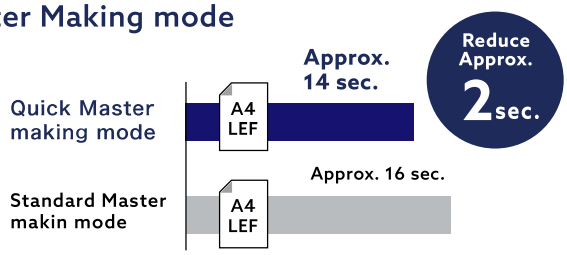
Time to Print 1,000 Sheets*1



1: When compared with the RISO SJ9390 (at 200 sheets per minute), the RISO SF9350EII (at 150 sheets per minute), a monochrome copier (40 A4 sheets per minute), and a monochrome laser printer (20 A4 sheets per minute).

Master Ready in 14s with Quick Mater Making mode

When using Quick Master Making mode, the master making time for A4 (LEF) is reduced by approximately 2 seconds compared to standard master making mode, taking just around 14 seconds. Fast Print also achieves higher speeds.

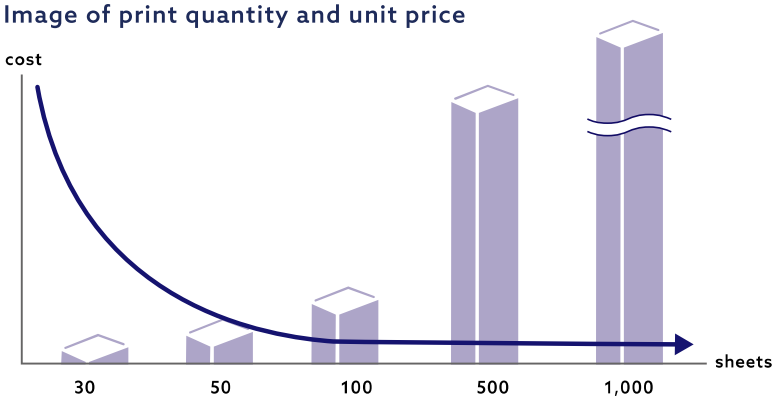


LOW COST

The more you print, the more you save.

By using a single master for each original, the cost per page decreases as volume grows. This master-based process enables high-volume printing with exceptional economy.

Image of print quantity and unit price



Print Quality

Exquisite Precision for Every Paper Original

High-Definition Scanning Resolution

Equipped with a high-performance 600 dpi x 600 dpi scanner. Every detail of your documents and photographs is captured with stunning precision.



Premium Photo Reproduction

Enhanced photo detection during scanning prevents highlight blowout and ensures smooth, natural dot transitions. The result is a photograph with depth, texture, and a true-to-life feel.

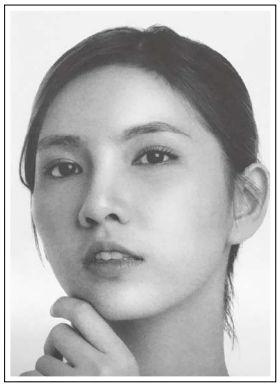


*Image for illustrative purposes only.

Superior Fine-Line Precision

Leveraging full 600 dpi x 600 dpi input and output, our advanced image processing flawlessly reproduces tiny text and delicate lines. Gradients, pale colors, diagonals, and curves are printed with unprecedented smoothness.



Simple & Convenient

Intuitive Digital Printing for Total Convenience

Precision Image Adjustment

Achieve the perfect print every time. Our printer driver offers a suite of image adjustment tools, including backlight correction, contrast optimization, and gradation smoothing, to ensure your output matches your vision perfectly.

*The function of printing from PC

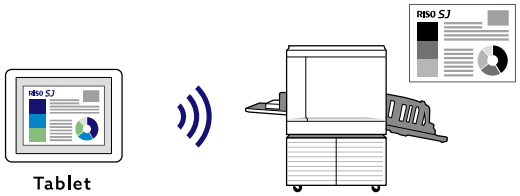


Before After

Direct Printing via "RISO PRINT-D"

Experience true mobility. With the dedicated "RISO PRINT-D" app, you can print directly from your tablet, streamlining your workflow like never before.

*Requires a wireless access point and the free "RISO PRINT-D" app.



USB Memory Direct Print

Print high-quality documents directly from a USB flash drive. Perfect for secure or offline environments.

*Printer driver for SJ series is required to save data to USB. Compatibility with all USB devices is not guaranteed.



Print Usability

Intuitive Operation for Everyone

Enhanced Control Panel with Full-Color LCD

Featuring a large-scale color touchscreen for superior visibility. The vibrant interface allows users to navigate various functions and paper settings effortlessly. For maintenance tasks like master replacement, the screen provides step-by-step visual guidance, ensuring seamless operation for any user.



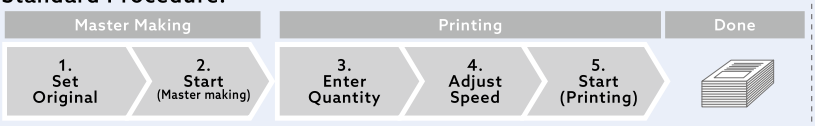
RISO SJ9390 Smart Features

"Quick Print mode" Drastically Reduce Your Workflow

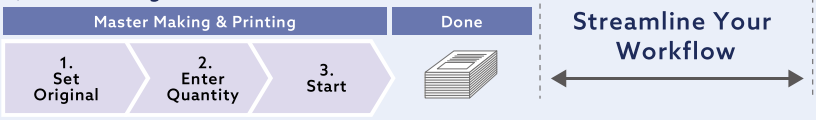
By selecting "Quick Print mode" the system automatically optimizes settings: 200 ppm Print Speed, Quick Master-Making, and Auto Process.

Optimized Workflow Comparison

Standard Procedure:



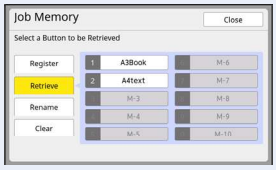
Quick Printing:

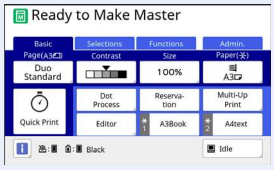


*Note: Quick Master Making mode utilizes a different image resolution.

Memory Function: One-Touch Access to Frequent Tasks

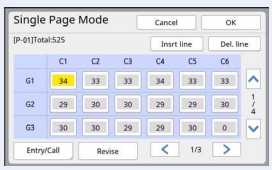
Skip the Setup. Save Your Time. Don't let manual settings for postcards or custom feeds slow you down. The SJ9390 stores your go-to configurations for instant recall. Pin your top two favorites to the home screen and start printing with a single touch.





New Dedicated Features for Educational Institutions

"Grade x Class" Mode for Program Printing, Designed for school environments, this mode offers a visual and intuitive way to manage prints for different classes. Adjusting for student count changes or transfers is quick and easy, ensuring the right amount of prints for every classroom.



Efficiency in Program Printing mode

Combine Program Printing with the optional Job Separator to automate separation by inserting separator tape strips. Streamline your sorting process and save.



*Using non-stop mode for Job separation requires the Paper Guide II (R).

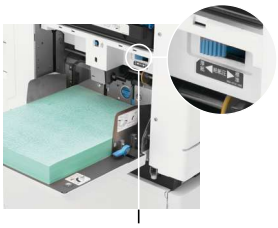
Versatile Paper Handling

Versatile Feed and Delivery Optimized for Every Media

Adjustable Feed Pressure Lever

The combination of a dedicated feed pressure lever and adjustable stripper plate ensures reliable feeding—even for the heaviest stocks. Experience smooth, consistent results across an extensive range of paper types.

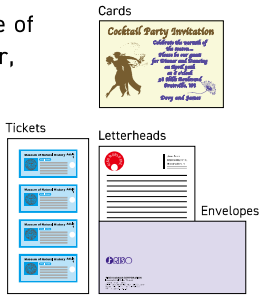
*The paper depending on the paper type may not fed



Paper Feed Pressure Lever

Versatile paper printing capability

The SJ series accepts a wide range of paper types such as recycled paper, coarse paper, cards and envelopes, giving you the perfect options for any job. These multiple roles expand the scope of your business without installing specialized equipment.



Precision Stacking for Effortless Retrieval

Perfectly Aligned Stacks with the "Domino" Mechanism. The innovative "Domino" mechanism ensures that even high-speed output is stacked with clinical precision. Once printing is complete, simply tilt the paper fences outward to retrieve your perfectly aligned stack effortlessly. No manual straightening required—just seamless productivity.

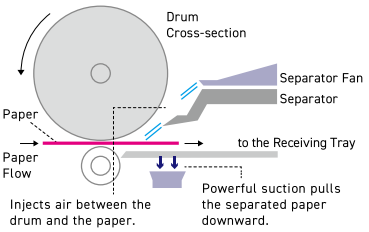


Uniform Solid Fills with Proprietary Technology

Achieve flawless ink coverage with our unique "Pre-suction" mechanism. By instantly separating paper from the drum using air and vacuum suction, the SJ9390 ensures smooth, consistent solids without compromising on speed.

*Note: Requires special paper settings during operation.

Pre-Suction Mechanism



Safety & Reliability

Security & Peace of Mind

User control with IC Card Authentication

Total access control via IC card authentication. Prevent unauthorized use by restricting the device to registered personnel only. Secure Print management ensures that only the authenticated user can release their documents.



Smart Usage Tracking for Efficient Management

Gain full visibility into your printing environment. Even with IC card authentication, administrators can track detailed print counts for every user. Monitor monthly usage to optimize fleet performance and streamline cost allocation with ease.

*Note: IC Card Authentication requires the optional IC Card Reader and IC Card Activation Kit; RG.

*Secure Print Management: Supports up to 100 pending secure print jobs. *Scalable User Registry: Register up to 500 users (including administrators).

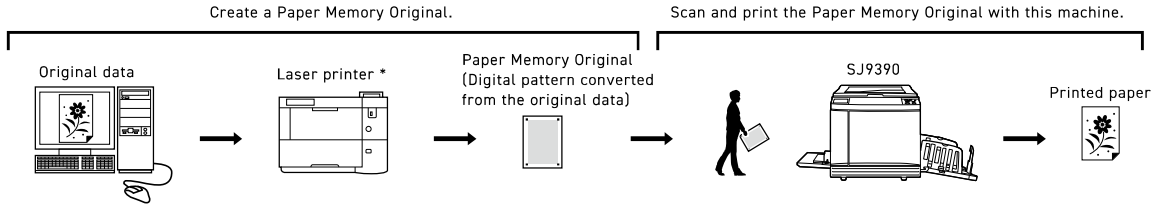
Paper Memory Print

Step 1

Using the printer driver function installed on your PC, original data created on the PC can easily be converted into a digital pattern, which can be printed on a sheet of paper with a laser printer. *

Step 2

You can then scan the digital pattern created as in Step 1 through SJ9390, and easily retrieve the original data by decoding the digital pattern, achieving the same high quality of output image as that being processed through the PC.



* A laser printer with 600 dpi or higher resolution is required to achieve this function.

Eco-Conscious Design



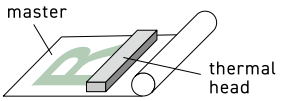
Digital duplicator technology

Unlike conventional printers, the RISO duplicator creates a "Master" (stencil) for each original. This master is wrapped around the print drum, allowing for high-speed, high-volume output from a single plate. With a single master capable of printing approximately 4,000 sheets*, the cost per print decreases as your volume increases—making it the ultimate solution for low-cost, mass production.

*Note: Master durability may vary depending on the operating environment.

Master-Making

The thermal head punches minute holes into the master exactly as per the manuscript fed into the RISO duplicator.



Printing

Ink is passed through the holes in this master to print.



ECO POINT 1

Heat-Free "Cold Printing" Technology

Because the RISO duplicator does not use heat to fuse toner like laser printers, it operates with significantly lower power consumption. This "Cold Printing" process allows for massive print runs without the massive energy bill.

ECO POINT 2

High Speed, Low Energy

Capable of speeds up to 200 ppm (pages per minute), the SJ9390 minimizes the time the machine is in active operation. Shorter print times naturally lead to a reduction in total energy consumption.

ECO POINT 3

Industrial-Grade Durability

Engineered for longevity, the robust build of the RISO duplicator ensures reliable performance even under the heaviest workloads. A longer product lifecycle means fewer replacements and less environmental waste over time.

Ink color variations

21 standard colors, 50 custom colors and special order-made colors are available. A wide range of printing colors can meet the needs of a variety of print jobs.

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

Consumables



RISO INK FIITYPE COLOR (1,000ml)



RISO MASTER FIITYPE HD87 (A3:220 sheets)



RISO INK FIITYPE HD BLACK (1,000ml)

Red	Bright Red	RISO-Marine Red	Burgundy	Brown	Yellow	Green
Teal	Blue	Medium Blue	RISO-Fed. Blue	Purple	Flat Gold	Orange
Crimson	Hunter Green	Gray	Light Gray	Fluorescent Pink	Fluores. Orange	Gold

Eco-Friendly Consumables: RISO Ink F II Type

Innovative "Rice bran oil ink" Technology

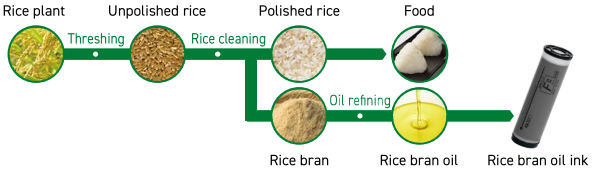
RISO Rice bran oil Ink leverages rice bran—a byproduct of the milling process—as a sustainable resource.

Resource Recycling: Eco-Conscious Ink Bottles

RISO ink bottles are constructed using 30% recycled plastics.

*RISO Ink FII Type HD Black, RISO Ink FII Type Color

The Rice bran oil ink Lifecycle



Optional Accessories



RISO FIIType HD Drum



RISO Auto Document Feeder VIII



Job Separator VI; NIII



RISO Auto-Control Stacking Tray II



RISO Stand D Type III

Deluxe and with doors for convenient storage with a neat appearance.



RISO Stand N Type III

Sturdy open-front stand also offers convenient storage of consumables.



Card Feed Kit

Compatible with paper weight 100gsm-400gsm.

*Please contact a RISO sales executive for the kinds of paper that may be used.



Envelope Feeder

Compatible with paper weights 50 gsm to 120 gsm.

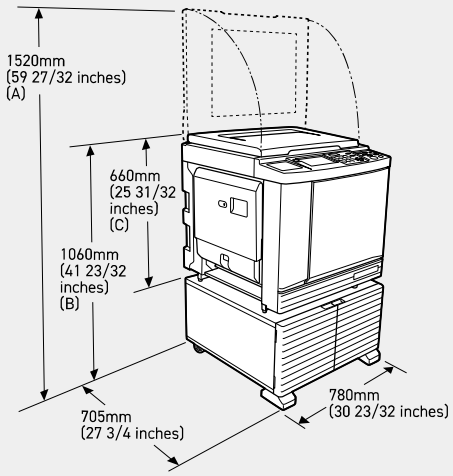
*Please contact a RISO sales executive for the kinds of paper that may be used.

- IC Card Reader Activation Kit RG
- Wide Stacking Tray
  (Allows use of paper up to 555 mm [21 27/32 inches] in long edge.)
- RISO Printer driver for Macintosh

Specifications

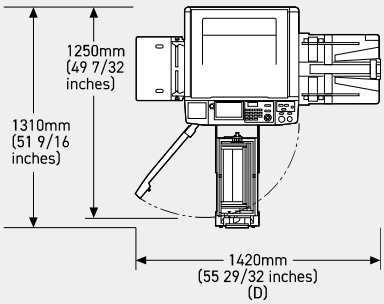
Master Making Method		High-speed digital master-making
Original Type		Book or sheet
Master Making Time*1	Quick Master Making mode	Approx. 14 seconds (A4, long edge feed) Approx. 18 seconds (A4, short edge feed)
	Normal Master Making mode	Approx. 16 seconds (A4, long edge feed) Approx. 20 seconds (A4, short edge feed)
Printing Method		Fully automatic printing
Scanning Resoluton		600 dpi × 600 dpi
Printing Resolution	Quick Master Making mode	600 dpi × 400 dpi
	Normal Master Making mode	600 dpi × 600 dpi
Original Type		Book(10 kg [22 lb] or less) ro sheet
Original Paper Weight (for auto document feeder)	Single-sided feeding	35 gsm to 157 gsm (9-lb bond to 42-lb bond)
	Duplex-sided feeding	50 gsm to 157 gsm (13-lb bond to 42-lb bond)
Original Size	Glass platen	50 mm x 90 mm to 307 mm x 432 mm (1 31/32 inches x 3 17/32 inches to 12 3/32 inches x 17 inches)
	Auto document feeder	69.8 mm x 148 mm to 300 mm x 432 mm (2 3/4 inches x 5 13/16 inches to 11 13/16 inches x 17 inches)
Maximum Scanning Area		297 mm x 432 mm (11 11/16 inches x 17 inches)
Print Paper Weight		46 gsm to 210 gsm (12-lb bond to 116-lb index)
Print Paper Size*2		100 mm × 148 mm to 320 mm × 432 mm (3 15/16 inches x 5 13/16 inches to 12 19/32 inches x 17 inches)
Maximum Printing Area		291 mm × 413 mm (11 15/32 inches x 16 1/4 inches)
Paper Feed Tray Stacking Capacity		1000 sheets*3 (stacking height of 110 mm [4 11/32 inches] or less)
Paper Receiving Tray Stacking Capacity		1000 sheets*3 (stacking height of 110 mm [4 11/32 inches] or less)
Print Speed*4		7 levels: 60, 80, 100, 120, 130, 160 and 200 sheets per minute
Print Position Adjustment		Horizontal: ±15 mm (±19/32 inches) Vertical: ±10 mm (±13/32 inches)
Image Processing Mode		Line, Photo (Standard/Portrait), Duo (Standard/Line/Photo/Shadow off), Pencil (Darker/Lighter)
Print Reproduction Ratio		Zoom (50% to 200%), Free, 100% reproduction ratio, Margin+ (90% to 99%), Enlargement (163%, 141%, 122%, 116%), Reduction (87%, 82%, 71%, 61%)
User Interface		Color touch panel
Functions		Image, Contrast, Size, Paper Size Detection, D-Feed Check, Dot Process, Contrast Adj, Tone Curve, Layout, Multi-Up Print, 2 Up, BookShadow, Top Margin Adj., Binding Margin Adj., Max. Scan, Ink Saving, Quick Master Making, Preview, ADF Semi-Auto 5, Storage, Overlay, Print Speed Adjustment, Print Density Adjustment, Print Position Adjustment,Interval, Renew Page, Auto Page Renewal, Rotate, Special PaperCtrl, Output reversal, Scanning Side -ADF 5, Paper Memory Print, Program,Job Separation 6, Slip sheet sorting, Job Memory, Reservation,Editor, Idling Action, Confidential, My Direct Access, Quick Print, MeterDisplay, ID Counter Report, Proof Copy, Direct Printing, USB Job List, Scanning Mode, Admin., Auto Sleep, Auto Power-OFF, Power-OFF Schedule, ECO mode, Protect, RISO iQuality System
Color Change		Print drum (cylinder) replacement method
Ink Supply		Full automatic (1000 ml/cartridge)
Master Supply/ Disposal	A3/Ledger drum (cylinder)	Full automatic approx. 220 sheets per roll / Disposal capacity: approx. 100 sheets
	A4/Letter drum (cylinder)	Full automatic approx. 373 sheets per roll / Disposal capacity: approx. 100 sheets
PC Interface		USB2.0, Ethernet: 100BASE-TX/10BASE-T
Power Source		SJ9390E: AC 220-240 V, 50-60 Hz <2.5 A>, SJ9390A (For Korea: AC 220 V, 60 Hz <2.5 A>, For other countries: AC 100-240 V, 50-60 Hz <5.0-2.5 A>)
Power Consumption	Standard	Max. 420 W, Ready: 50 W or lower, Sleep: (Standard) 6.5 W or lower, (Low) 0.5 W or lower, Power-OFF: 0.3 W or lower
	Optional Accessories Connected*7	Max. 430 W, Ready: 56 W or lower, Sleep: (Standard) 10 W or lower, (Low) 1.5 W or lower, Power-OFF: 0.3 W or lower
Dimensions (W×D*8×H*9)	In use	1420 mm × 705 mm × 1060 mm (55 29/32 inches x 27 3/4 inches x 41 23/32 inches)
	In storage	780 mm × 705 mm × 1060 mm (30 23/32 inches x 27 3/4 inches x 41 23/32 inches)
Required (W×D×H*9)		1420 mm × 1310 mm × 1520 mm (55 29/32 inches x 51 9/16 inches x 59 27/32 inches)
Weight*10		Approx. 112 kg (247-lb)

Dimensions



When the optional auto document feeder is installed, the values of (A) to (C) in the figure above are as follows.
(A) 1555 mm (61 7/32 inches)
(B) 1165 mm (45 7/8 inches)
(C) 765 mm (30 1/8 inches)

Top view · When in use



*1 Measurement value when set to 100% reproduction ratio. *2 When the optional Wide Stacking Tray is installed, you can use paper up to a size of 340 mm × 555 mm (13 3/8 inches × 21 27/32 inches) by setting [Original/paper size]. Depending on the paper type and paper size, papers may not be aligned properly. *3 When using *4 If the temperature of the inside of the print drum (cylinder) is less than 15°C (59°F), [200ppm] is not usable. If the temperature of the inside of the print drum (cylinder) is less than 5°C (41°F), [160ppm] is not usable. *5 Usable when the optional auto document feeder is installed. *6 Usable when the optional Job Separator is installed. *7 When all the following optional accessories are installed. – Auto Document Feeder – Job Separator – IC Card Reader *8 The depth includes the stabilizers for the dedicated rack. *9 The height includes the dedicated rack. *10 The weight does not include the ink, master roll, and rack.

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