



RISO A2



**AT LAST,
A DIGITAL DUPLICATOR
THAT HANDLES A2 SIZE PRINTING!**

THE WORLD'S FIRST AND ONLY
A2 DIGITAL DUPLICATOR

A2 SIZE DIGITAL DUPLICATOR



The RISO Digital Duplicator is now being used by customers in more than 180 countries and regions around the world. It is the first* digital duplicator that can handle A2 size printing—the most common print format in the printing industry.

* As of August 2013 (Source: Riso Data)

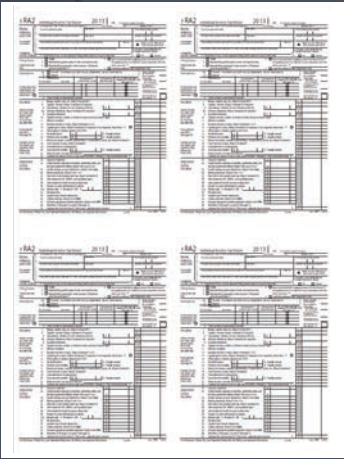
RISO A2

High quality, low cost, simple for anyone to use—the RISO Digital Duplicator has become more popular than ever on the professional printing scene. The RISO A2 responds to the diverse needs of the printing business.

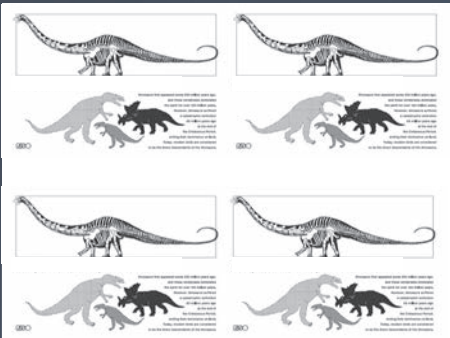




REGISTRATION FORMS



FLYERS



USER GUIDES / BROCHURES



NEWSPAPERS



OFFERING HIGH-QUALITY, LOW-COST, EASY-TO-USE PROFESSIONAL PRINTING



A2 Size Format

Improves productivity by handling A2-size documents and even A2-size imposition printing in a single pass.



Easy to Use

Provides top-quality printing with the ease of operating a copier or office printer, so your employees need no special technical skills to operate the machine.

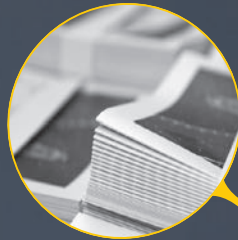


Fast Turnaround Time

With steady, nonstop printing at 100 ppm, a 1,000-sheet printing job can be done in just 10 minutes, so tight deadlines are no problem.

No Pre-Press Preparations Necessary

Just turn the power on and you can start working right away. Masters are ready in just 60 seconds.

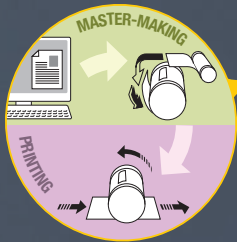
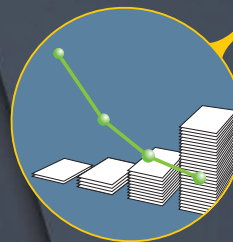


On-Demand and Small Lot Printing

Print just what you need, when you need it. Send the print command from a PC connected by USB or LAN and you can print immediately.

Low Cost

The low-priced master means your price per copy gets lower each time you print a job, making large-volume printing highly economical. Ink costs are low as well.



Print Directly from Your Computer

Copy can be sent directly from your computer to the RISO Digital Duplicator, so there is no image degradation. The original copy is faithfully reproduced.

Custom-Order Color Ink System

There are 21 RISO Ink colors and 50 custom colors available. In addition, customers can custom order specific colors, such as their corporate color.



Seconds to Change the Color

In contrast to offset printing machines that can take 45 minutes to an hour to change color ink, RISO Digital Duplicator lets you change the ink in just a few seconds.



No Cleaning Needed Afterward

Once you finish using the master, it is easily transferred to a master disposal box. Of course there is no need to clean the drum, so you can quickly move on to your next job.



Eco-friendly

- The printing technology, originally based on mimeographing, is very gentle on the environment.
- Handles all types of paper stocks, from light to heavy, and of course can handle recycled paper.
- Ink ingredients include soybean oil.
- Used masters can be easily disposed of.
- Prints with low power consumption and includes a function to limit power usage.
- Meets appropriate standards in each country.



A VARIETY OF FUNCTIONS TO MEET THE DIVERSE NEED OF THE PRINTING INDUSTRY



Start & Stop Keys

Start or stop printing with the touch of a button.

Print Position Adjustment

Print position is adjustable using the buttons on the control panel.

Print Density Adjustment

Print density is adjustable using the buttons on the control panel.

Proofs

Proof key on the control panel allows printing of a proof copy to check print results.

Print Speed Adjustment

Print speed is adjustable using the buttons on the control panel.

Idling Action

Idling function assures exceptional print quality even after the print drum has been exchanged or the machine has not been used for an extended period.

Double Feed Check

Built-in function detects if more than one sheet feeds into the printer at a time.

Imposition

Multi-up function prints multiple originals on one sheet—choose the number of pages (2 or 4) and the pagination order.

Image Processing

Easily adjust error diffusion, dot pattern, brightness contrast, backlight correction, and other image elements to create a more beautiful product.

Auto Shut-Off

Set printer to automatically shut off if the printer is inactive for a certain period of time.

RISO 42



INTERVIEW WITH USER (LIKA)

We have been using RISO digital duplicators in our print shop for a long time and I was impressed to find that RISO had studied the workflow in the printing industry and developed a product that matches that. This printer lets us handle our current workflow without any problem.

After all is said and done, the fact that it is easy to operate is very appealing since it is difficult to find highly skilled print technicians.

During the trial period, the machine never broke down and never interrupted our work—that high level of reliability is a strong point.

We are pleased with the finished product as well. We can proudly present our customers with these products.

It will play a major role when we print monthly newspapers, booklets, and forms.

We considered our cost performance and business plan carefully, and we chose the RISO A2 in order to improve our work efficiency and improve our customer service. The RISO A2 allows us to respond to a broad range of customer needs, including short delivery times, small lots, and low prices.

User Profile

Lika

PRINT SHOP

Established: 1992

Employees: 24

Location: Moscow and Moscow region

Printing Equipment

- Sheet-fed offset printer
- MFP
- Plotter
- RISO digital duplicator
- Collator, folder, cutting machine

Major Products

- Booklets/brochures
- Letterhead
- Forms
- Leaflets
- Newspapers
- Diagrams/Blueprints

Major Clients

- Educational institutions
- National and local governments
- Service-related businesses
- Pharmaceuticals
- Construction companies
- Publishers
- Manufacturing plants
- Financial institutions



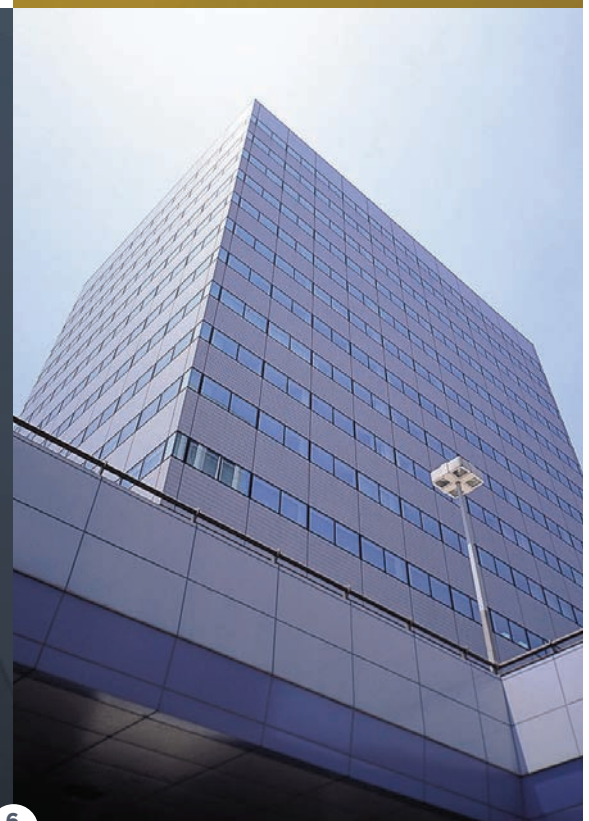
RISO KAGAKU CORPORATION (RISO) is a development-oriented company that provides unique solutions for customers in the paper-based communication field.

In addition to reflecting the customers' opinions and needs in our products, RISO aims to uncover truly essential values that people may not even be aware of and transform those values into tangible products and services.

By anticipating changes in the times and in customer value systems, we seek to propose attractive products that strongly appeal to people's senses. We want the customer to realize that our product was in fact exactly what they wanted and will be extremely useful for their business.

RISO digital duplicators and ComColor high-speed color printers were created based on this concept, and are now used in over 180 countries and regions worldwide in various settings that include businesses, schools, and government and public agencies.

RISO will continue to pursue even greater challenges in order to create a culture of paper communication that strikes a chord and makes people happy and satisfied the world over.





Color Drum



Ink



Master

SPECIFICATIONS

RISO A2

Printing Image Resolution	600 dpi x 600 dpi
Print Paper Weight	46 - 120 gsm
Print Paper Size	Minimum 420 mm x 297 mm Maximum 624 mm x 432 mm
Printing Area	596 mm x 425 mm
Paper Supply Capacity	1,000 sheets (64gsm-80gsm) / Maximum Height 110 mm
Paper Receiving Tray Load Capacity	1,000 sheets (64gsm-80gsm) / Maximum Height 110 mm
Master-making Time	Within 60 seconds
Print Speed	60, 80, 100 sheets per minute (three steps variable)
Print Position Adjustment	Vertical: ±15mm, Horizontal: ±10mm ¹
	¹ When the printing paper is 604 mm or less in width.
User Interface	LED panel with Progress Arrow indicators
Functions	Idling, Print speed adjustment, Print density adjustment, Print position adjustment, Confidential mode, Programmed printing (1 type), Custom setting mode, RISO i Quality System, Auto-shut OFF, Auto-process, Proof, Clear job, Double feed check, Paper ejection adjustment, Imposition, 180-degree rotation, Marginless master making, Job settings, Screening type (Grain-touch/Screen-covered), Photo type (Standard/Close-up/Group), Brightness, Contrast, Backlight correction, Edge enhancement, Tone smoothing, Line art style (Grain-touch/Screen-covered/Solid-look), Text style (Bold/Slim)
Color Change	Change Cartridge Drum
Ink Supply	Fully automatic (1000 ml per cartridge)
Master Supply/Disposal	Fully automatic (Approx. 100 sheets per roll)
Master Disposal Capacity	25 sheets
Supported PDL	RISORINC3
Supported OS	Windows® XP (32-bit) Windows Vista® (32-bit/64-bit) Windows® 7 (32-bit/64-bit) Windows® 8 (32-bit/64-bit) ²
	² Incompatible with Microsoft® Windows® RT.
Noise ³	Less than 72dB when printing
Power Source	100V-240V, 3.5-1.5A, 50-60Hz
Power Consumption	Approx. 350W (100V) / 320W (220V), (At Ready: Approx. 52W (100V/220V))
	³ When printing 80 sheets per minute.
Dimensions	When in use: 1,435 (W) x 1,030 (D) x 735 (H) mm When in storage: 780 (W) x 1,030 (D) x 635 (H) mm
Required Space	1,665 (W) x 1,940 (D) x 970 (H) mm
Weight ⁴	Approx. 200 kg
	⁴ Excluding the weight of ink and master roll.

Note: The specifications are subject to change without notice.

RISO A2



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