Priport™ JP8000

Priport™

Digital Duplicator

**A3 Unit with 600 dpi Print Quality
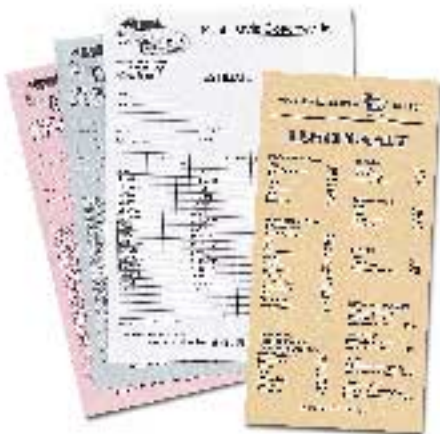for a Wide Range of Applications**

Impeccable Duplicating

Discover the new Priport™ JP8000: an A3 digital duplicator offering 600 dpi image quality to obtain printing excellence. Furthermore, an effective Dual Cylinder System with Paper Clamp Mechanism and Single Screen Drum optimises image quality and allows for the use of a wide range of paper types including thick cards, envelopes, NCR and non-standard paper material. The custom-made colour ink system will match your needs for on-demand colour printing of your own logo on letterheads, forms and envelopes. To lighten your workload, the Priport™ JP8000 is very user-friendly and an optional embedded controller enhances your flexibility in printing larger jobs. The new Priport™ JP8000 has it all: superior digital duplicating with Ricoh's advanced technology at the heart of it.

Exceptional Image Quality

With the new Priport™ JP8000, Ricoh presents a superior duplicator that produces impeccable image quality. Technological breakthroughs such as the Quality Blade, Dual Cylinder System, Single Screen Drum and Superfine Master – to name but a few – all make sure you obtain amazing image quality.

Clear and Crisp Images from the First Print

The JP8000 offers excellent image quality thanks to the world's first Single Screen Drum. The newly developed Quality Blade will create crisp and clear images from the first print. When the machine recovers from Energy Saving Mode, the Quality Blade automatically starts to generate outstanding image quality even after a long period of non-usage.

Large Variety of Image Nuances

To obtain high image quality, the JP8000's 600 dpi greyscale scanner employs Ricoh's advanced state-of-the-art technology. Three settings of image contrast are added for the Photo Mode and Letter/Photo Mode. Now you can create a variety of image nuances and select the most suitable effect.

600 dpi Superfine Master

Professional image quality is achieved thanks to the newly developed 600 dpi Superfine Master in combination with the Single Screen Drum. Ink penetration is made smoother thanks to a larger pigment concentration ratio. Less ink is transferred through the master perforation onto the paper and even though the image density is darker, ink fixing remains excellent.
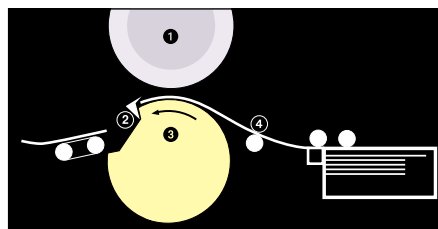
Photo Mode for Newspaper-like Finishing

For creating detailed contrast in a photographic image, the Priport™ JP8000 offers four extra settings of dot screen patterns for Photo Mode. Sophisticated newspaper-like finishing is now within everybody's reach.

Dual Cylinder System with Paper Clamping

The unique Dual Cylinder System and innovative Paper Clamp Mechanism guarantee increased image quality. Instead of a press roller, Ricoh's JP8000 uses a press cylinder which provides a larger paper press contact. Moreover, the Paper Clamp Mechanism greatly enhances the accuracy of registration. And all this helps to bring its noise level even lower.

Automatic & Manual Margin Erase

This versatile feature allows the user to make perfect duplicates of book type originals without unsightly shadows on the pages or outer edges. It is activated automatically as a thick book or 3D material is placed on the contact glass when opening the platen cover. You can also set the paper size and erase shadows manually, whichever option you prefer!

High image quality: a guarantee with the Priport™ JP8000.

Thanks to the Dual Cylinder System, a wide range of paper types can be duplicated.

The unique Dual Cylinder System with Paper Clamp Mechanism for impeccable image quality.
❶ Drum
❷ Paper Clamp
❸ Press Cylinder
❹ Paper

Superb Efficiency

Ricoh's JP8000 is equipped with a number of versatile features taking care of all your digital duplicating needs. Different functions and editing options will help you achieve more professional output documents.
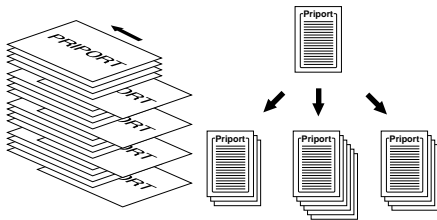

The Job Separator Function distinguishes individual copy sets.

Combine Mode: a useful editing option to reduce and print various originals onto one page.

The innovative Image Rotation Function helps you to avoid miscopies.

Optimum Versatility

Original Storage Function
You can store up to 8 frequently used originals in memory and easily recall them later to make prints. This unique function enables you to print forms, envelopes and cards with your company's logo on demand, saving storage space and the cost of printed material and to add more flexibility in its design.

Job Separator Function
The JP8000's Tapeless Job Separator features a built-in Job Separator that eliminates the need for a conventional tape marker and additional consumables. Select this function and it will separate the top sheet of each print job to distinguish individual copy sets. Operation is very simple and two basic modes are possible: stacking from the same original or from different originals.
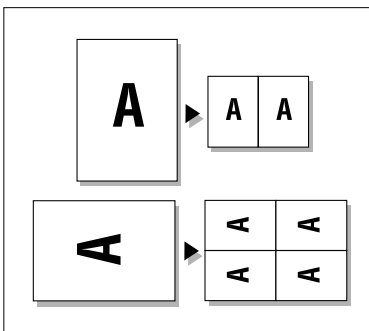
User Code/Security Mode
In your print room environment it is often very important that only authorised personnel use the duplicator. Therefore, the JP8000 is equipped with User Code. This function sets authorisation for up to 20 users and keeps track of the copies and masters made. Another exclusive feature, Security Mode, prohibits a master on the drum from being printed by unauthorised persons. It locks the drum, prevents access to confidential information left on the drum and eliminates the need to throw out masters.
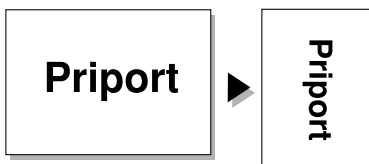
Economy Mode/Skip Feed
By making smaller perforations in the master, this ingenious function helps you to save up to 15% of ink usage and yet still ensures impeccable print quality. For regulating the feeding capability of difficult paper types, the JP8000 is equipped with a Skip Feed Mode. When switched on, a single sheet is fed while the drum rotates several times. This also improves the ink drying on less absorbent paper.

Editing Functions
- **Image Rotation:** automatically rotates the scanned image to match the direction of the printing paper and helps you avoid misprints.
- **Combine Mode:** allows you to reduce and print 4, 8 or even 16 originals onto one sheet of paper.
- **Stamping Mode:** permits you to print the date, page, confidential stamp or any other selected text over originals. In addition your own stamp image can be stored.
- **Overlay Function:** allows superimposing of two original images to create one single print image.
- **Make-up Mode:** makes an attractive layout and design without the use of DTP systems. Command sheets help you add special effects in your original image without cutting and pasting originals. 40 patterns of 8 different modes are available for special effects.
- **User Tools:** allow the user to change the various machine settings.
- **Tint Mode combined with Editing Function:** enables you to adjust the shade of your chosen colour ink (CM ink or regular colour) and thus create beautiful backgrounds behind text with eye-catching colour effects. Tint image and Text image can be printed at the same time.

Wide Range of Applications and User-friendliness

To reach superb levels of productivity and reliability in your office, the JP8000 provides the ideal solution: amazing speed, great paper feed capability and easy operation. On top of that, it is extremely user-friendly and cost-conscious.

A wide range of paper types such as envelopes can be used.

The JP8000's newly designed operation panel: clear and simple.

Drawer-type Master Feed Unit

Wide Range of Applications

Wide Range of Paper Feed Capability
Thanks to the Dual Cylinder System with Paper Clamp, a wider range of paper types such as cards, envelopes, NCR and non-standard paper material can be used. All those high volume applications can be printed at 120 ppm output speed.

Automatic Paper Feeding Control
Feeding accuracy is maintained by selecting the type of output paper from the LCD to effortlessly control paper feeding and separation pressure. In addition, the feeding speed is automatically controlled by the Auto Paper Feed Timing Control.

Ease of Use

Easy Operation
The JP8000's newly designed operation panel has a large four-line LCD, which displays graphic images for clearer instructions. It offers English, French, German, Italian, Spanish and Dutch as standard built-in languages. For easier operation, frequently used function keys are located at the front and specialised function keys behind the cover of the operation panel.

User-friendly Master Making Unit
With the JP8000, replacing masters is very easy. A drawer-type master feed unit opens up-wide and trouble-free master replenishment is guaranteed.

Clean Used Master Disposal
The Master Eject Unit is designed for easy and clean disposal of used masters. All you have to do is hold the unit over a bin, slide back the lever and the used masters are released. The box has a large capacity of 60 or more sheets of A3 size masters.

Accurate Image Positioning
The user does not have to worry about adjusting the position of the paper feeding and delivery table to achieve accurate image setting. Print image position can be set easily via the Image Keys on the operation panel and checked on the graphic display of the LCD.

Reducing Printing Costs

Save 33% of Master and Ink Costs
Thanks to the JP8000's master and ink process, the cost per copy decreases if you make more copies from one original. In addition, when the ADF is used, Ricoh's JP8000 automatically uses A4 size masters on its standard A3 drum when A4 size paper is used. This saves both master and ink costs. The A4 Master Cutting Process saves up to 33% of the master and ink costs without using an optional A4 drum.

Multiple Copy Mode to Save Paper Cost
By combining several originals onto one single page, the Multiple Copy Mode helps you save not only on the paper cost, but also master and ink cost.

Environmentally Friendly

Energy Saving Mode
When idle, the JP8000 automatically switches itself into the Energy Saving Mode. This reduces power consumption by about 85% to below 10 W. And yet, when any key is touched, the machine is immediately ready.

Reduced Print Noise
Running noise is reduced to a very low level thanks to Ricoh's new Dual Cylinder System. A safety noise shutter in the paper feed tray and less use of gears and cams make the JP8000's print noise equivalent to a 60 cpm copier, so practically silent.

Technical Specifications

Specifications

Type:		Desktop
Originals:		Sheets/book

Original Size:

Exposure glass:		
	Max.:	305 x 432 mm
ADF:	Max.:	297 x 864 mm (A3+)
	Min.:	148 x 210 mm
Print Paper Size:	Max.:	325 x 447 mm
	Min.:	70 x 148 mm
Print Paper Weight:		47 - 210 g/m^2
Print Area:		290 x 410 mm
Printing Speed:		60 - 120 sheets/min. (5 steps)
First Print Time:		25 sec. (A4)
		31 sec. (A3)
Pixel Density:		600 x 600 dpi
Image Modes:		Letter Mode, Photo Mode, Letter/Photo Auto Separation

Reproduction Ratios:

4 reductions:	100, 93, 87, 82, 71%
3 enlargements:	115, 122, 141%

Zoom:

Platen cover:	50 - 200% in 1% steps
ADF:	50 - 200% in 1% steps
Colour Printing:	By replacing optional drum
Paper Feed Table Capacity:	1,000 sheets (80 g/m^2)
Paper Delivery Table Capacity:	1,000 sheets (80 g/m^2)
Master Roll Capacity:	255 masters/roll (A3) 410 masters/roll (A4)
Power Source:	230 V/50/60 Hz
Power Consumption:	Max.: 240 W Energy Saving Mode: 7.5 W
Dimensions (W x D x H):	1,435 x 700 x 1,020 mm (A3)
Weight:	105 kg

Added Value Features

- Auto Magnification Selection
- Colour Drum Change
- Auto Paper Size Detection
- Auto Original Size Detection
- A4 Master Auto Cut (with DF)
- Quality Start
- Security Mode
- Job Separator
- Tint Mode
- Economy Mode
- Energy saving position uses only 7.5 W
- Auto Margin Erase
- Directional Magnification
- Programme Mode
- Skip Feed Mode
- Class Mode
- Multiple Copy Mode
- Auto Background Correction

Options

PRIPORT™ DF Type 80

PRIPORT™ Twin Colour Option TC-II

PRIPORT™ Printer Controller ZipRip UC5/UC5e

PRIPORT™ Colour Drum Type JP80-L
(A3 Print Area)

PRIPORT™ Colour Drum Type JP80-S
(A4 Print Area)

Supplies

PRIPORT™ Master Type JP80

PRIPORT™ Ink Black Type JP800 (1,000 ml)

PRIPORT™ Ink Black High Density Type JP800HD (1,000 ml)

PRIPORT™ Colour Inks Type JP500 Red, Green, Blue, and Brown (1,000 ml)

PRIPORT™ CM Ink
(Colour Matched Inks/500 ml) (custom-made)

Please ask for our CM Ink brochure for a thorough colour ink update.

ISO9001 Certified JMI-0125

JAB QS Accreditation R009

Accredited by RvA

Ricoh has been granted a certificate of ISO 9001, which is the International Standard for Quality Systems.

Ricoh believes in conserving the earth's precious natural resources. This brochure is printed on environmentally friendly paper.

Specifications and external appearance are subject to change without notice. The colour of the actual product may vary from the colour shown in this brochure.