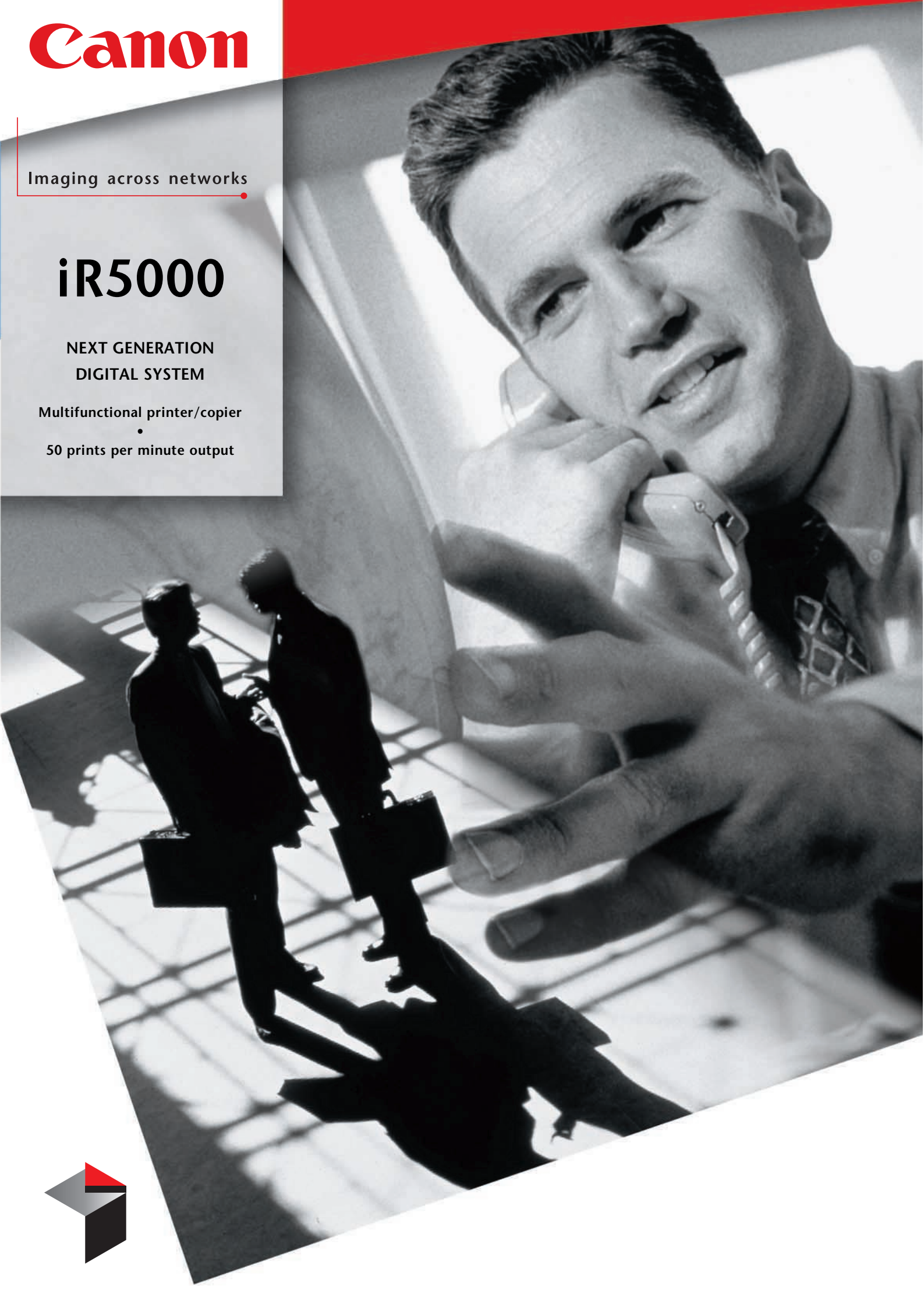# Canon

Imaging across networks

# iR5000

**NEXT GENERATION
DIGITAL SYSTEM**

Multifunctional printer/copier
•
50 prints per minute output

Advanced architecture

High quality, high speed

5.1 GB image memory

Additional memory advantages

Enhanced ease

Improved reliability

Powerful paper supply

Full, flexible finishing

## Adding value to a versatile digital system

The Canon iR5000 is a new, multifunctional, 50 prints per minute digital system offering a highly attractive price to performance ratio. This is achieved by the development of an innovative iR controller, ensuring overall value and versatility.

Featuring next generation digital and imaging technology that seamlessly combines advanced hardware and software skills, the iR5000 system provides productive departmental printing and copying. Complete with a higher peak load capacity, improved image quality, remote printing flexibility, enhanced paper capacity and complete document finishing.

Unique, time-saving features include a convenient Copy Job Reservation function and a Personal Image Server for merging different documents. Furthermore, the iR5000 system guarantees a consistently reliable workflow that readily meets your entire document creation and printing demands.
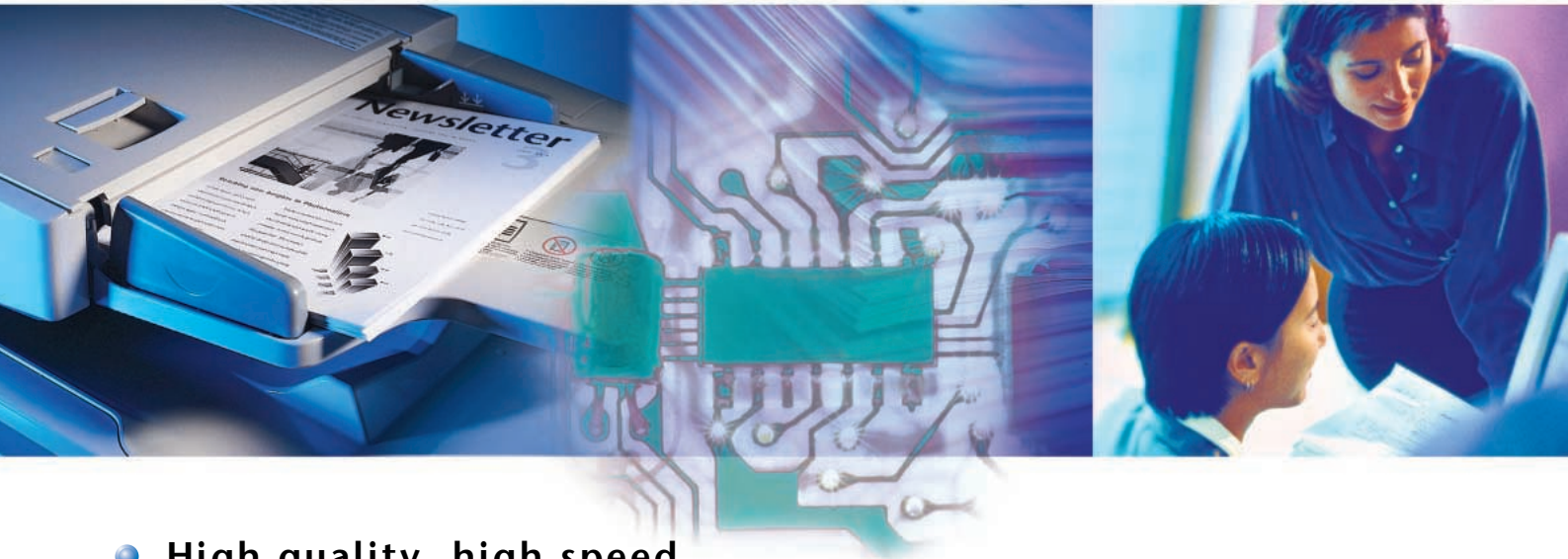
## ● Advanced architecture

Utilizing expert embedded controller technology, the iR5000 system is designed from the ground up to operate as a truly multi-functional unit - without single concept restraints. Thus the system is simpler to connect, monitor and control, while overall productivity and flexibility are also enhanced.

### Chip embedded controller
The high performance iR controller handles all the system's functions seamlessly, managing PDL pages, RIP, network and engine control. The important advantage of this newly designed controller is that it ensures enterprises benefit from an optimum price/performance ratio.

### Powerful one-step process
With first generation digital copiers, a two-part process handled the print data flow. However, with the iR5000 system, there is a one-step process where PDL pages are ripped and printed in a single stage, using the same memory. As a result, the system can start printing the moment ripped pages are produced, increasing productivity.

## ● High quality, high speed

The iR5000 system delivers high image quality, high speed output for departmental printing and copying. This multi-functional role eliminates the need for dedicated machines, reducing investment outlay. It also offers greater flexibility for printing on different paper sizes, complete with finishing.

### Maximum 2400 x 600 dpi
A 600 x 600 dpi resolution, with 256 gradation levels, is increased by smoothing to an interpolated 2400 x 600 dpi when printing. This ensures sharp text and clear graphics, capturing every detail without any drop in image quality. Delivering consistently high quality and constant reliability.

### Fast 50 ppm output, low FCOT
The output speed of the iR5000 system is a productive 50 prints per minute. Trayless duplexing enables rapid two-sided printing at the same engine speed. Fast processing speeds increase overall productivity during printing. While the FCOT (First Copy Out Time) is reduced to a low 3.8 seconds, to speed up production of single copies made from multi-page originals.

# 5.1 GB image memory

The iR5000 system has a powerful 5.1 GB image memory that offers a variety of time-saving features for printing and copying purposes. These include a Copy Job Reservation capacity, auto imposition for easier booklet creation and a Personal Image Server that enables direct document merging.

## Copy Job Reservation

A convenient Copy Job Reservation function allows users to programme up to 5 jobs at a time, when copying. The benefit is that consecutive copy jobs can be set up straight away, without waiting for printing to finish. So there are no more delays and no queues, just pure productivity from start to finish.

## Auto imposition

When it comes to creating booklets, auto imposition is an essential feature. The copy memory carries out the imposition so that duplex booklets, complete with V-folds, are always stapled and delivered with pages in the right order. Another useful feature is image rotation, ensuring correct format reduction of A3 sizes to A4.

# Additional memory advantages

## Personal Image Server

It's possible to scan and store existing, hard copy documents onto the iR hard disk, using the Personal Image Server. These scanned documents are stored in a personal mailbox and can then be merged with documents processed on a PC. Thus creating a completely new document from two different sources.

## 100 confidential mailboxes

Up to 100 personal mailboxes can be allocated, each with a private password. This allows users to store all sensitive documents securely - and print multiple documents at a later date, when required. Contents remain confidential, without mixing pages with other output on delivery.

## Digital functions

With a wide range of digital functions available, users can customize jobs to suit their precise needs. For example, when copying from books, it is possible to select the facing pages (either left/right or front/back). Other new features include chapter page insertion and a printed photo mode for removing the moiré pattern from printed photos.

# Enhanced ease

Although the iR5000 offers a greatly expanded range of digital printing and copying capabilities, the system has been designed to ensure optimum ease of use. Printing by the remote user interface or by Canon's user-friendly printer driver minimizes manual intervention. While 'walk-up' use has been simplified for easier operation.

### Remote User Interface
Handling print jobs direct from a PC is simple, using the browser-based remote user interface. With a range of sophisticated controls available for managing and controlling network* printing, users can check the printer status, submit print jobs, preview jobs, etc. Also an administrator can even prioritize jobs.

### New control panel
The newly designed control panel on the iR5000 system offers a simplified user interface. A clear message display guides users step-by-step through every stage of the process, making even the most complex operations easy to handle. Providing enhanced ease - from smooth paper handling right through to flexible finishing.

*An optional Network Multi-PDL Printer Kit A1 is required for network connectivity*

# Improved reliability

Reliability is a key element of the iR5000 system, ensuring consistent and continuous output. This next generation digital system is based on Canon's extensive experience and proven expertise in digital and imaging technology. Complete with the back up of Canon's renowned service coverage.

### Durable design
The new, durable hardware design of the iR5000 system ensures reliable operation over a long period - providing maximum machine uptime to protect your investment outlay. Furthermore, the guaranteed drum lifetime is equivalent to the machine lifetime.

### Peak load capability
While capable of meeting everyday workloads with ease, the iR5000 system can also handle exceptional peak loads. Thus it maintains the required output during crisis periods, without the unnecessary expense of investing in a machine that far exceeds standard workloads.

# Powerful paper supply

The maximum paper capacity of the iR5000 system is a massive 7,650 sheets, more than enough to handle the most demanding needs. It accepts a wide range of media, for all printing purposes. As well as varying paper sizes from A3 to A5 and paper thicknesses ranging from 64 to 200 g/m².

### 4,150 sheet standard capacity
The standard paper capacity offers five paper sources for full printing flexibility. Four drawers hold a total of 4,100 sheets (1,500 x 2/550 x2) plus a stack bypass takes a further 50 sheets for free sizes. Drawers can be individually set for printing, copying, mailbox and other output. All with the possibility of automatic drawer switching to enable limitless printing, without the risk of paper suddenly running out.

### Plus 3,500-sheet paper deck
For full production output, an optional 3,500-sheet paper deck is available. Holding A4 paper, it increases overall capacity to 7,650 sheets. In addition, the iR5000 features APS and ADS, ensuring that jobs are always printed with a minimum of manual intervention.

# Full, flexible finishing

When the iR5000 is configured only with an output tray, the image memory allows convenient electronic collation, with cross collated sets. A Finisher F1 is available offering a high output capacity of 2,000 sheets - in sorted, grouped or stapled mode. Up to 50 sheets can be stapled in a single set.

### Booklet production
For booklet production, a Saddle Finisher F2 is available. This also has a high capacity of 2,000 sheets, but with the additional capability of producing professional booklets in either A5 or A4 formats - with saddle stitching and V-folding. The finisher takes up to 25 sets in the special booklet output tray.

### On-line hole punching
A special hole puncher can be added to either finisher as an extra accessory, for making two holes (European standard)*. Hole punching is possible in A3 and A4 paper, for both portrait and landscape orientation. It's ideal for ring binding purposes - saving time and costs, as more expensive pre-punched paper doesn't have to be loaded in the machine.

* special French and Swedish models (4 holes) are also available.

## iR5000 Specifications

| | |
|---|---|
| **Type:** | Console type |
| **Copying system:** | Laser dry electrostatic transfer system |
| **Platen:** | Fixed |
| **Acceptable originals:** | Paper sheet, books and three dimensional objects up to 2kg |
| **Maximum original size:** | A3 |
| **Copy sizes:** | *Cassette:* A5 to A3 |
| | *Manual:* A6 (Postcard) to A3 |
| **Scanning Resolution:** | 600 x 600 dpi / 256 levels |
| **Printing Resolution:** | 1200 x 600 dpi (Copy), 2400 x 600 dpi (Print) |
| **Zoom:** | 25% - 400% (1% increments) |
| **Speed:** | 50/A4, 30/A3 cpm |
| **First copy time:** | 3.8 sec. approx. |
| **Warm-up time:** | 5 min or less |
| **Multiple copies:** | 1 – 999 |
| **Dimensions (W x D x H):** | 643 x 743 x 1136 |
| **Weight (kg):** | 210 kg |
| **Power consumption:** | 1.5kW or less |
| **Fixing system:** | Heat Roller Fixing |
| **Paper:** | *Cassette:* 64 to 90 g/m² |
| | *Paper Deck (Drawer):* 64 to 200 g/m² |
| | *Hand feeding:* 64 to 200 g/m² |
| **Input Paper capacity:** | *Cassette:* 550 sheets x 2 |
| | *Drawer:* 1500 sheets x 2 |
| | *Multi-hand-feeding:* 50 sheets |
| | *Optional paper deck:* 3,500 sheets |
| | *ADF:* 100 sheets / A4 |
| **Output Paper Options:** | Finisher-F1 (2,000 sheets / A4) |
| | Saddle Finisher-F2 (2,000 sheets / A4 + booklet tray) |
| | Shift tray-B1 (500 sheets / A4) |
| **Image memory:** | 128MB RAM + 5.1 GB HDD |

**Options:**
• Finisher-F1 • Saddle Finisher-F2 • Puncher unit-A1,C1,D1 • Shift Tray-B1 • Side Paper Deck-G1 • Control Card • Document tray-C1 • PS/PCL Network Printer kit-A1

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