KONICA 7145

Digital Document System

Productivity & professionalism - express yourself with the konica 7145

The Konica 7145 Digital Document System is expressly designed to be the perfect tool for offices and workgroups looking for a smart way to combine all of their document production and management functions into one simple system.

Copy, fax, scan and email technology on demand

Via the standard network card your team can scan hard copy documents on the Konica 7145, distribute them via e-mail, or edit them on their computer, and print them at up to 45 pages per minute. You would also like to fax? No problem! Fax documents directly from the Konica 7145 or conveniently from your computer.

The new Konica 7145 Digital Document System is completely at ease in four disciplines: copying, scanning, printing and faxing. With such an innovative compact design the Konica 7145 doesn't ask for a lot of space but impresses instead with top performance and pioneering technology. Also, its modular concept permits instant adaptation to new and different requirements. So, what kind of advantage does that mean to you?

Copying

- Real-time document production with direct duplex printing and copying.
- 45 A4 sheets and 23 A3 sheets per minute.
- Simple operation.
- Optimised productivity & flexible output management.
- Programmable output trays.
- Fast original feeding with 45 OPM.

Printing

- Embedded print controller IP-432 (PCL5e/6 compatible)
- Optional PostScript upgrade PS-344
- Internet Printing Protocol

Document Processing

- Generous paper capacity of up to 4,550 sheets
- Paper sizes A5 to A3; paper weight 50 to 160 g/m^2
- Direct duplexing
- Adjustable operation panel with large touch screen and innovative editing functions
- Choice of two different output trays for varied applications
- Staple finisher FS-112
- High-capacity staple finisher with punching function FS-113
- Polymerised toner for professional image quality

Scanning

- Scan-to-email/FTP via standard network card
- Scan to HDD (with optional hard disk)
- Scanning and printing with 600 x 600 dpi
- KONICA Paperport: efficient management of documents, images and web pages, including intelligent scan and image editing functions.

Faxing*

- 33.6 Kbps fax modem
- All fax features conveniently selectable on the touch screen
- PC Fax*

*Optional

Konica 7145 – the invaluable MFP central to your business

The Konica 7145 is a 45 page-per-minute digital Multi-Functional Product (MFP) that brings connectivity to the main body engine so that your machine can be immediately connected right out of the box – there's no additional hardware, software or peripherals to install.

With Konica's revolutionary Digital Polymerized Toner, the Konica 7145 provides our best output yet, improving halftones, gradations and fills. To add a new level of convenience to your office, the Konica 7145 also features innovative IP web utilities, a 50-sheet bypass tray, two standard paper trays and an optional 2,000- sheet large capacity paper tray providing the flexible paper handling options necessary to meet moderate to heavy paper demands. Three finishing options, an optional IP-432 image processor and a high-speed fax option make the Konica 7145 an all-in-one solution for the workgroup environment.

Digital printing & copying

600 DPI: High-quality imaging is achieved with 600 dpi resolution for scanning and output.

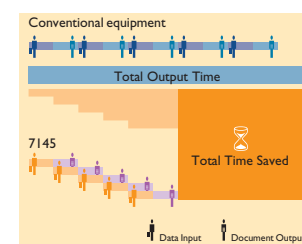**First Copy Out Time:** The first copy output time is very quick, at 3.8 seconds (A4) through the document feeder.

Warm-up Time: After turning on the machine, warm-up time is less than 30 seconds.

Paper Capacity

The Konica 7145 comes equipped with two universal paper trays which hold 500 sheets each. Optional drawer base units add a single tray with 1500-sheet capacity or two additional universal trays for 1000 extra sheets. The multisheet bypass, which is able to identify paper sizes, sources a total of 50 sheets. Plus optional LCT (LT 203) with 2000 sheet capacity for a maximum 4550 sheets.

DB-411

DB-211

LT-203

Multi Tasking

Conventional equipment

Total Output Time

7145

Total Time Saved

Data Input   Document Output

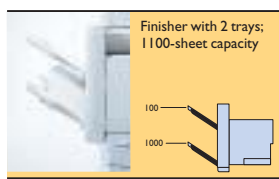Using the Electronic Re-circulating Document Handler (ERDH) memory effectively, the Konica 7145 allows up to 5 copy jobs to be active at the same time. While one job is being output, begin entering selections and scanning for another job. As each is completed, the next job automatically begins printing. Using the touch panel it is easy to view, prioritise, cancel and reorder active jobs.
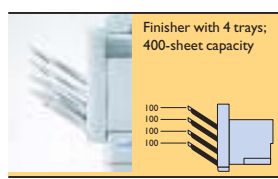
Range of Finishing Options

This truly multifunctional device offers three finishers for a range of uses. The IT-101 offers two paper trays for document output. The FS-112 offers eight-position stapling and sorting with two trays upgradable to four trays (FT-107). With its embedded punch kit, the FS-113 finisher is designed for sorting, stapling and four-hole punching applications.

Finisher with 2 trays; 1100-sheet capacity

Finisher with 4 trays; 400-sheet capacity

FS-112 Finisher

First Page Output Mechanism

The Konica 7145 uses the first page output mechanism to output copies in first-to-last order just like a printer. This way, output copy speed for page one is improved because there is no need to wait for all originals to be scanned before beginning output.

7145 & FS-113 Finisher

Grouping & Sorting

The Konica 7145 can be programmed so that each function sends output to a different tray to help keep documents in order.
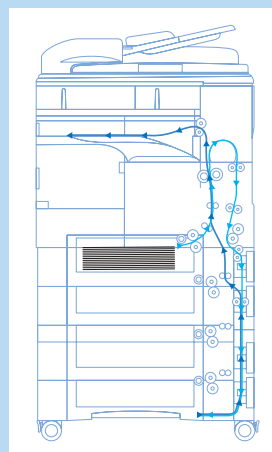
Stapling

Select from 3 positions for either wide or tall paper orientations for documents up to 50 sheets long. The new stapling system features a flat clinch to make documents easier to stack and handle.
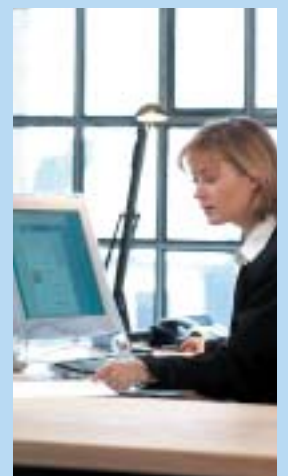

STAPLING AT THE CONSOLE

STAPLING FROM A PC

Stackless Automatic Duplexing Unit (ADU)

A major benefit of the Konica 7145 is the space-saving, automatic duplexing unit. We made the ADU standard because it saves paper and costs without slowing down productivity, making it great for the office and gentle on the environment.

The ADU lets you take advantage of a multitude of digital editing features such as Booklet mode and double-sided output for all functions.

Konica digital editing – gives you the power to create professional documents everyday.

The Konica 7145 makes those complex documents as simple to produce as 'touch and start'. Not only will this machine produce your documents faster, it creates a professional, high quality look to your project. The multi-functional Konica 7145 makes creating documents such as the A5 booklet, for instance, a breeze. We all know how tedious the process has been in the past; arranging the pages in order, reducing them to the correct size then re-copying the entire booklet.

The Konica 7145 utilises new technology that allows the user to complete this process at the touch of a button. Rather than diminishing the quality of your document through multiple copies, both text and image quality are preserved. There are many other applications that you will find invaluable on the Konica 7145, including inserting front and back covers on different coloured paper, inserting blank or coloured pages into the middle of a document and many more. So no matter what sort of project you are working on, you'll find it easy with the Konica 7145.

Main Unit Sorting

Even without the optional finisher, the Konica 7145 provides basic sorting by shifting output between sets. Now with the addition of the IT-101 optional inner tray unit, output can be sorted to two trays for further enhancing convenience.

Reverse Automatic Document Feeder (RADF)

The sheet-through RADF performs high-speed scanning at 600 dpi resolution without even touching the platen glass. The RADF supports mixed-size originals in a single run, while the slim-type (100mm) 2-tier design provides easy access to the platen glass without having to repeatedly lift the RADF.

64MB Electronic Recirculating Document Handler (ERDH)

Thanks to the ERDH, which comes standard with 64MB of DIMM memory, throughput speed is improved for all processes because there is no need to access an external Hard Disk Drive. Also, the ERDH memory allows output of multiple originals of the same quality. Memory upgrades are available for a total of 320MB.

Easy Operation

Though space-saving in every way, the Konica 7145 features a control panel with a large-size LCD touch panel to make operation easier. This display can be customised, temporarily deleting or changing the positions of buttons to better suit your work environment - there are even one-touch speed dialling keys for programming frequently used numbers.
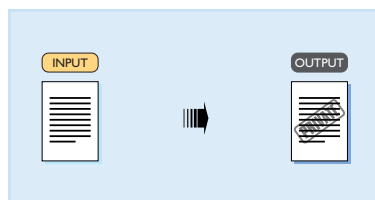

Professional Quality Documents

The Konica 7145 enables your office to quickly produce professional documents as either copies or prints from a desktop PC. Marketing and sales proposals, reports hole-punched for convenience, flyers and booklets can all be produced in-house for substantial savings in time and money.

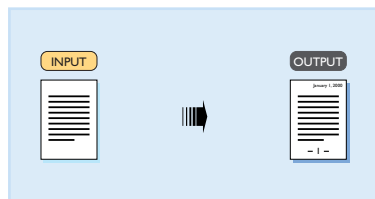## Konica's Patented New Polymerized Digital Toner

Konica's leading role in growing the imaging market has led to the development of a revolutionary new toner. As opposed to conventional pulverized toners, Digital Toner is polymerized. That means the particles are even finer than ever, and better yet, they are smooth and uniform in shape. Using Konica's new Digital Toner and the Konica 7145 Digital Document System, you can produce superb detail, even for complicated shading and fine text.

Digital Editing

Compiling documents and creating materials from hard copy is easy with the advanced editing features on the Konica 7145.

Watermark: Select from the pre-programmed list and insert a faint text image to authenticate documents.

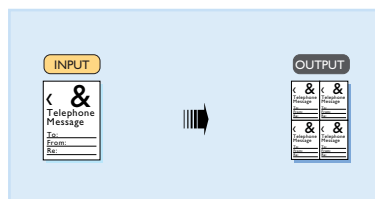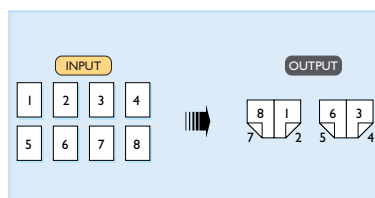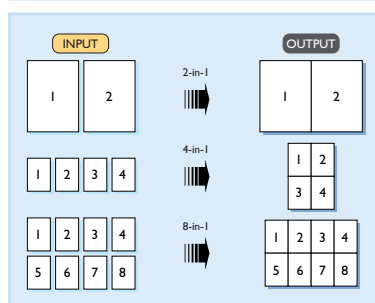**Stamp:** Add date, page number, set number or a text stamp such as confidential to your reports.

Image Repeat: Repeat an image scanned from the platen glass as many times as it can fit on a single sheet.

Booklet mode: Reorder pages to create professional looking signature booklets.

Combination modes: Combine 2, 4 or 8 images on to a single sheet.

Individual document production for everyone in the company.

Your office can now print, copy fax and scan over the network at 45 pages per minute. Connect your Konica 7145 today to harness the power of networking.

The Konica 7145 makes advanced processes such as scanning a breeze, incorporating such functions as scanning directly to the user's HDD, scanning to an FTP server and even scanning to email.

With the Konica 7145 Digital Document System, you can accommodate all the jobs in your department and include advanced functions saving your office time - Konica offers your office far higher performance. Discover the difference.

Network printer & scanner

Connecting the Konica 7145 to your office LAN is easy. Konica's new print controller, the IP-432 offers 10Base-T and 100Base-TX Ethernet format compatibility and Konica's exclusive web tools for remote access.

Advanced Print Controller Technology

The IP-432 Print Controller comes standard with the latest PCL emulation and 192 MB of maximum memory, the IP-432 can handle multiple jobs at once.

Print Monitor Utility

This Print Monitor Utility greatly improves office workflow. Remote users can print or check machine status over the network using the simplified graphical interface, changing the way you access your Konica 7145.

Quality Imaging

While the Konica 7145 comes standard equipped with industry standard PCL5e and PCL6-compatible page description languages an authentic Adobe PostScript 3 interpreter is available via the optional PS-343.This PDL offers the highest page interpretation capability and total support for PDF.

Advanced Fax Functions

The Konica 7145 offers a number of advanced fax functions that will increase the efficiency of your office. Send double-sided originals, scan in 3D objects or send mixed-sized originals- all quickly changed into A4 facsimile format and sent direct from the Konica 7145. The IP-432 Print Controller also allows the use of other options such as PC Fax*.

*Optional

Network Scanner

The Konica 7145 was engineered as a true multi-functioning product from top to bottom. Users can scan images, text and hard copy from either the RADF or the platen glass at 600 dots per inch. The data can then be retrieved over the network for editing or for use in compiling presentations, or even to save as soft copy with optional software.

Fax at lightning speed*
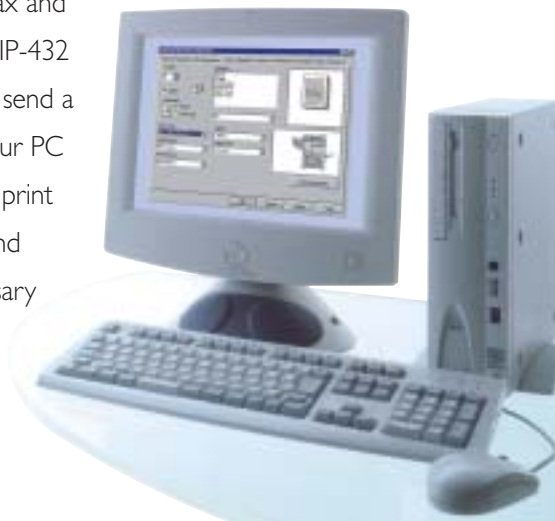
High-speed scanning and transmitting

The Konica 7145 will scan in your A4 fax originals in only 2 seconds and transmit them at a speed of up to 33.6 Kbps in 256 grey scales. That's less time than it takes you to read this sentence.

The Document Transformer

Do you want to fax an A5R, A4R, A3 original or one printed on both sides? The Konica 7145 faxes and converts your originals to the format the recipient has. All this also functions with originals in books that are sent as individual A4 pages. It works the other way round, too. For instance, you can receive two pages and print them out on one. Is all this normal? That's what faxing in the new century is all about!
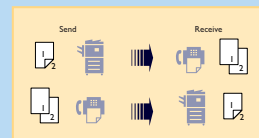
PC Fax*

With the added fax and printer functions (IP-432 & HDD), you can send a fax direct from your PC without having to print first, saving time and reducing unnecessary traffic over the network.
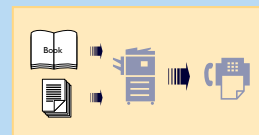
Advanced Fax Functions

Double Sided Faxes
Scan a double sided original using the Reverse Automatic Document Handler (RADF) and send it at once, or set your fax mode to output incoming data as double sided faxes using the built-in Automatic Duplexing Unit to reduce unnecessary paper use.
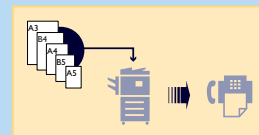
Platen Fax
Scan from the platen glass to send a fax from a book or even the scanned image of a 3-dimensional object. Book pages can be sent as a single spread or as independent pages.

Mixed-Size Faxes
Unlike conventional fax machines which have a hard time trying to feed in a variety of paper sizes at once, the Konica 7145 uses the Reverse Automatic Document Handler (RADF) to send faxes from a mixed set of originals smoothly without the risk of the pages being fed at an angle.

Easy Dialling
One-touch speed dialling is available for 40 of the most frequently used numbers. Up to 200 other numbers can be stored in memory, broken up in to as many as 40 groups, for convenient access at the console.

Speed dialling for **40** numbers
List up to **200** numbers
Create up to **40** groups

Dual Line FL-102 Option**
The Fl-102 used in conjunction with the FK-102A installs a second telephone line for simultaneous sending and receiving.

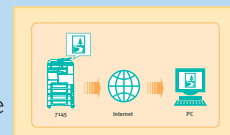## Internet Functions

Web-Based
This Print Monitor Utility greatly improves office workflow. Remote users can print or check machine status over the Internet using the simplified graphical interface, changing the way you access your Konica 7145.

Scan to FTP
This function effectively changes the way you manage and store documents. First, easily scan originals using either the platen or the RADF, or a combination of both. Then, select the file format you wish to save the data in, such as PDF or TIFF, and forward the file to your FTP server for downloading by any connected PC.

Scan to E-mail
Making use of the high-speed RADF and Konica's leading scanning technology, the Konica 7145 efficiently inputs and sends e-mail of remarkable quality. Instead of having to retrieve scanned data to send from your PC, input the address in the LCD and send instantaneously.

*Optional
** Available Q3 2003

Type	Semi-console model with fixed platen
Process	Electrostatic laser copy
User Operation	Touch sensitive, tilt-capable display with detailed user instructions, Check/Help Mode, Proof Copy, Power Saver
Copies/Prints per Minute	45 pages (A4), 23 pages (A3)
FCOT	Approx. 3.8 seconds (A4, platen, no AES)
Warm-up Time	30 seconds or less
Original Processing/Feeding	Electronic RDH, Face-up, 1-to-N , max. 50 sheets A5–A3, 50–130 g/m^2, 45 OPM (DF-318 standard equipment)
Resolution (scanning/printing)	600x600 dpi
Image Memory	64 MB standard, 320 MB max. (ie. 64 MB + 256 MB)
Network Card	Standard; 10BaseT/100BaseTX
Copy/Print Quantity Selection	Up to 999
Exposure	Automatic or Manual, 2 user sets
Magnification	Fixed Ratios: 1:1, Reduction: 0.71/0.82/0.86, Enlargement: 1.15/1.22/1.41; special ratios (user setting), Zoom 25–400% (DF:50-400%), adjustable in 1% increments, Bi-directional zoom
Paper Sizes	A5–A3
Paper Supply	2 front loading universal trays for max. 500 sheets each, multi-sheet bypass for 50 sheets
Paper Weights	60–90 g/m^2 (from tray), Special paper 50–160 g/m^2 (from bypass)
Duplex (standard)	Direct unlimited duplexing, A5-A3; 60-90 g/m^2
Special Functions	Network Scanner (scan to e-mail/ftp), Job Reservation (5), Memory Copy, Booklet Mode, Image Rotation, Electronic Sorting (without finisher), Image Repeat, Image Insert, 2-in1/4-in1/8-in1, Density Shift, Photo/Text/Increase Contrast, Non-Image Area Erase, Auto Layout, Reverse Copying, Chapter/Cover & Sheet Insertion, OHP-Interleave, Image Shift, Reduce & Shift, Book Copy, Frame & Fold Erasure, Mixed Originals (with DF), Stamp, Watermark, One-Time Overlay, Job Memory, Copy Interrupt, Thin/Thick Paper Mode, APS, ATS, Auto Reset, Auto Shut Off, Power Saving, Self Diagnostic System, EKC (128 codes), Weekly Timer, List Report, Fail Safe Function, KRDS, customisable Application Screen (key operator), etc.
Power Supply/Consumption	220–240V, 50Hz/max. 1500 Watt (system)
Dimensions (WxDxH)	590 x 595 x 777 mm (main body with DF)
Weight	approx. 91 kg (main body with DF)

Optional Accessories

Option	Description
DB-211	Drawer base unit with two front-loading universal trays for max. 500 sheets each, 60–90 g/m^2
DB-411	Drawer base unit for max. 1,500 sheets, A4, 60–90g/m^2
LT-203	LCT for max. 2,000 sheets, A4, 60–90g/m^2
ET-101	Exit tray for 100 sheets plus 2 side covers
IT-101	Inner output tray (upper max. 50, lower max. 100 sheets)
FS-112	2-tray finisher for max. 1,100 sheets, A5–A3, 50–160g/m^2, 50 sheet/3 position stapling (60–128g/m^2 staple/sort)
FT-107	Additional finisher tray for FS-112 (max. 2 can be added)
FS-113	2-tray finisher for max. 3,250 sheets, A5–A3, 50–130g/m^2, 4 position stapling/4 hole European punching
RU-101	Relay unit for FS-113
Memory Extension	64 MB, 128 MB, 256 MB
HD-103A	20 GB

Printer Option

IP-432

Type	Embedded
Print Speed	45 ppm
Resolution	600x600 dpi
Paper Size	A5–A3
PDL	PCL5e/6 compatible, PS3 (optional)
CPU	Intel Celeron 300A, 300 Mhz
Host Interface	IEEE1284/RJ45 (standard with 7145)
Printer Drivers	Win95/98/Me/NT4.0/2000,XP, Mac OS (PS3 only)
Network Protocols	TCP/IP, LPD/LPR, IPX/SPX, IPP, FTPserver, FTPclient, SNMPclient, HTTP, SNMP, EtherTalk
Standard Memory	64 MB (max. 192 MB)
Special Functions	Print Quantity Setting, Orientation, Paper Tray selection, Output Paper Size selection, Zoom, Exit Tray selection, Sort/Staple/Punch (with finisher), Alternate Sort (without finisher), Duplex, Password Printing (with optional HHD), Overlay, Booklet, Front/Back Cover, N-up, Watermark, Smoothing, OHP, PC-fax (with optional FK-102), Toner Save, etc.
Network Card	standard with main body (10baseT/100baseTX)
Hard Disk	PCMCIA, max. 2 GB
PS-344	Optional PostScript up-grade (PS3)
Memory Extension	64/128 MB
Cluster Printing	KPPM (optional software)

Fax Option
FK-102

Compatibility	SUPER G3
Modem Speed	33.6 Kbps
Original Scanning Speed	2 seconds (A4)
Transmission Speed	3 seconds (A4R)
Scanning Resolution	max. 16pels/nmx15.4lines/mm
Transmission Resolution	max. 400 × 400 dpi
Half Tones	256 grey scales
Coding	MH, MR, MMR, JBIG
Memory	2 MB standard (16 MB max.)
Original Size/Recording Size	max.A3
One-Touch Dials	40
Abbreviated Dials	200
Program,Group Dials	40
Special Functions	Broadcasting Transmission, Quick Memory Transmission (fax while scan), Rotational Transmission/ Receiving, Book Copy Transmission, 2-in-1 Transmission/Recording, Duplex Recording, Remote Multi-Printing, PC-Fax with IP-432 & HDD, FL-102 (Q3 2003) option installs second line for simultaneous sending and receiving etc.

* The availability of the special functions listed here depends on the optional accessories installed on the Konica 7145.
All indications in this leaflet regarding paper, original and output capacities refer to the maximum capacity based on standard 80 g/m^2 paper.
Specifications subject to change without notice.

Environment

The Konica 7145 is more than small and powerful. It is also gentle to the environment. Energy saving features and a toner recycling system make the Konica 7145 a resource saver for the office. The Konica 7145 has been recognised for it's environmental friendliness, achieving Energy Star certification. Its specifications even meet the new Blue Angel standards.

Bottle-type toner is easy to replace, eliminating messy clean up.

Power Saving

Though the Konica 7145 is fast and ready to output at a flash, it also features innovations for reducing power consumption. The Power Saver button on the control panel, for example, puts the machine in sleep mode when not needed for use. Touching any key immediately powers up the machine for use. Other power saving features include Auto Low Power and Auto Shut Off.

Imaging Solutions

Konica

Imaging Solutions

1800 789 389