



MINOLTA

# PS 7000

Best for books, best to work with



## **Copying**

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Faxing

## **Printing**

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Colour

## **Scanning**

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Document  
Management

Digital  
Photography

# PS 7000

A sophisticated scanning solution



Book-scanning applications vary greatly. Academic libraries, museums, corporate archives, patent offices and law firms, pay-for-print and pay-for-copy services in public libraries, publishing houses and even system integrators all need to produce scans, copies or prints of bound originals. Yet all these users face similar problems: the fragile nature of ageing books or records, the inferior quality of traditional book scans, the growing demand for remote book scans, copies or prints supplied via the Internet or an intranet, the cost and time involved in book scanning and, last but not least, the physical strain on staff doing such work. Minolta has the answer to all these problems – the PS 7000.

This high-tech digital book scanner now comes with a range of improved features such as high-resolution copying of originals up to A2 in size and an optional link-up from the PS 7000 to its dedicated printer or the DiALTA Di 350 from Minolta, a high-performance digital copier that serves as an ideal output device for book-copying systems.



# Your books deserve the best



## Gentler on books

The PS 7000 is gentler on books and files because it scans face up, uses lower-intensity light than photocopiers and reduces the number of scans needed because digitized data can be easily made available to remote users. So the PS 7000 is the ideal solution for libraries and archives all over Europe that want to supply documents to readers near and far or digitize their stocks.

## Higher-quality A2 copies

The PS 7000 scans at up to 600 dpi (A3) and an optional 256 halftones for outstanding quality, the Di350 prints out copies at a crisp 600 dpi. What's more, there are few restrictions on the size of originals the PS 7000 can cope with – from A5 to A2 spread and from A6 to A3 single.

## More image-editing functions

Sophisticated image-editing functions add to the quality of book copies made by the PS 7000 – for example improved curvature correction, centre erasing (to remove black gutters), shrunk characters correction, finger shadow masking and variable magnification. As libraries and, in particular, document delivery services strive for greater customer satisfaction in an increasingly competitive environment, more significance is attached to the quality of book copies. The PS 7000 gives you a competitive advantage in quality terms.



NIKOLAI  
LENIN

Beck'sche Textausgaben  
**Transportgesetze**  
Eisenbahn, Luft, See und  
Straßenverkehrsrecht,  
Seefahrt und Luftfahrt,  
Luftverkehrsrecht

ALTERNATIVE  
KULTUR

Stack of books on a wooden table, including titles like "Handbuch der...".

# Your health demands the best

## Ease of operation

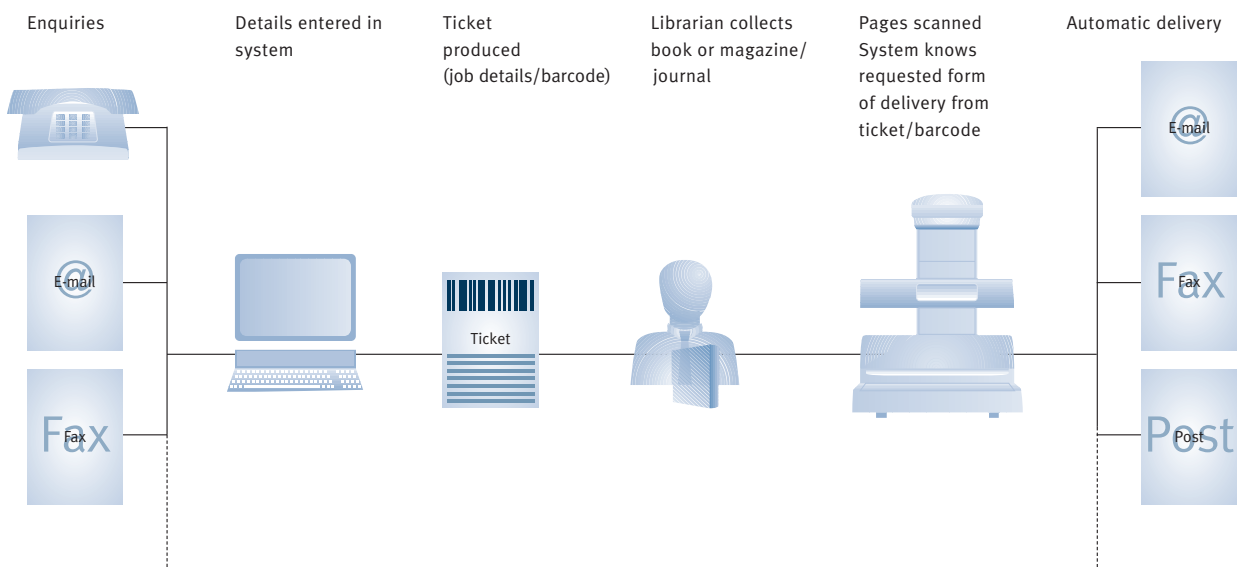
The PS 7000 is a healthier machine to work with – not only because it can be operated sitting down. Ease of operation is one of this book scanner's biggest assets, bringing clear ergonomic benefits. Books are scanned face-up so turning the pages is an effortless business, and the operating panel is within easy reach of the left hand holding the book. No effort, no strain and no stressed-out staff!

## Speed of scanning

The PS 7000's scanning speed is another bonus – less than 4.5 seconds for an A4 lateral document (400 dpi). So book-copying jobs can be finished faster and staff freed for other jobs. This boost to productivity is a key benefit in the increasingly competitive environment of document delivery services.



## Document delivery service





## Diversity of output

You can look forward to more satisfied customers with the PS 7000. A choice of documents delivered by e-mail or fax (if the PS 7000 is linked up to a PC) or hard copy (in a stand-alone configuration with the Di 350) is just what customers want nowadays. The PS 7000-PC configuration is also an ideal solution for digitizing stocks to provide a faster, networked document delivery service. And last but not least, the DiALTA Di 350 is an extremely useful and productive addition to any library or archive environment since it can also be used as a high-performance 35 page-per-minute digital copier.

## Comprehensive support from Minolta

If you choose a PS 7000 book scanner, you can be sure of first-class service and support from Minolta's extensive pan-European service set-up. Minolta's decades of expertise in imaging technology is now backed up by a support network offering outstanding service to standards exceeding the business equipment industry's strict norms. So if something should go wrong with your PS 7000 system, you can rely on rapid assistance from Minolta's technical support – and enjoy the peace of mind that goes with knowing your system is in good hands.

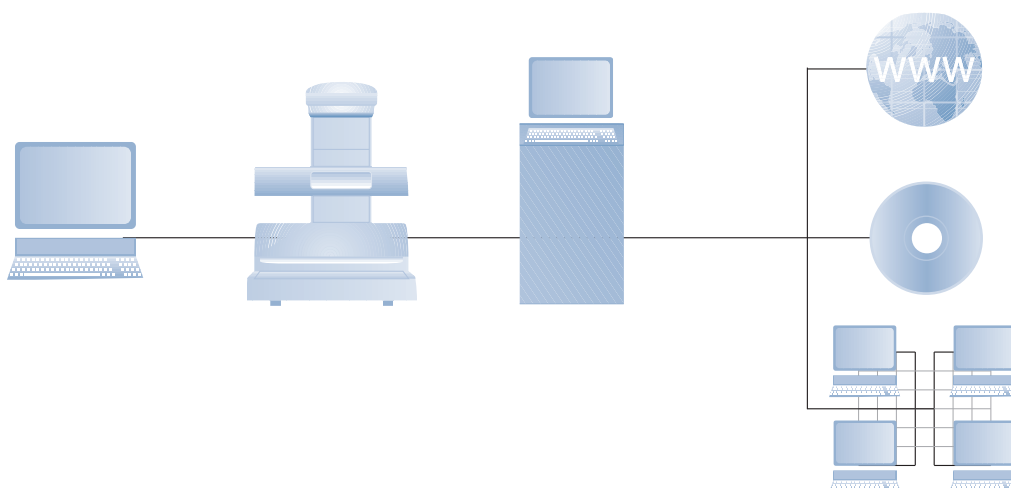
### Archiving

PC/System

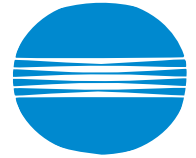
PS 7000

Server

Internet/CD-ROM/Intranet



# PS 7000



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## Specifications PS 7000

### Type

Face-up desktop book scanner

### Scanning method

Mirror rotation scanning

### Image sensor

7,500 pixels reduction  
type line CCD

### Light source

Halogen lamp

### Scanning area

A2-size

Min.: 105 mm x 149 mm

Max.: 432 mm x 594 mm

### Scanning resolution

200/300/400/600 dpi  
(600 dpi is only achieved  
when the document is A3  
or smaller and the page  
layout is set as landscape)

### Output scale

Binary black and white  
256 halftones

### Scanning time

Less than 4.5 seconds,  
A4 at 400 dpi with image  
enhancement (image transfer  
time is not included)

### Reduction/enlargement

1:1

### Exposure control

Auto/max. 9 steps variable

### Focusing control

Auto/max. 10 mm steps  
(manual focusing)

### Other functions

Curvature correction  
Character reduction correction  
Centre erase  
Masking  
Centering  
Finger shadow masking  
Text and photo mode  
Book split  
PC/printer switchable

### Interface

SCSI-2

### Driver

Twain  
ISIS

### Power supply

100–120 V, 50/60 Hz  
220–240 V, 50/60 Hz

### Power consumption

Less than 1,000 W

### Dimensions (W x D x H, mm)

730 x 740 x 960

### Weight

64 kg

### Options

Foot switch  
Angle book holder  
PS 7000 printer  
256 halftones  
Di350\*

\* For more details of the  
Di350, please refer to the  
respective brochures

## Specifications PS 7000 Printer

### Type

Desktop, non-impact page  
printer

### Printing system

Electrophotographic printing, laser  
diode + polygon mirror scanning

### Print speed A4

Simplex: 20 ppm

### Print speed A3

Simplex: 11.7 ppm

### Resolution

600 dpi x 600 dpi,  
400 dpi x 400 dpi

### Paper sizes

A3 L, A4

### Paper feed method

Tray: 250 sheets A4  
landscape fixed

### Standard input

Universal cassette unit:  
250 sheets A3

### Paper output

Face down: 500 sheets

### First print time

16 sec. max. (A4)

### Warm-up time

70 sec. max.

### Noise

Operating: 53 dB(A) max.  
Standby: 38 dB(A) max.

### Power consumption

Operating 750 W max.  
Standby 200 W max.  
Power save 30 W max.

### Power supply

230V/50 Hz

### Dimensions (W x D x H, mm)

545 x 383 x 403

### Weight

Approx. 26 kg (without imaging  
cartridge 1,9 kg)

### Imaging cartridge

10,000 pages (5% coverage)



Specifications are subject to change  
without notice.

Terms and product names may be  
trademarks or registered trademarks  
of their respective holders and are  
hereby acknowledged.

Product configuration may differ  
from country to country.

Printed in Germany on chlorine-free  
bleached paper.

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