KONICA MINOLTA

bizhub 420

The document workflow wonder

The essentials of imaging

Impressive and completely
effective

The bizhub 420 fits snugly into any large department or office, wherein mid-volume print or copy runs are a daily requirement. In one fell swoop it eliminates all the stand-alone black-and-white printers, copiers and faxes which would otherwise clutter up and disturb the effective office environment.

The bizhub 420, with its all-embracing network multi-communication functionality, supports all the needs of the modern progressive office and operations are stunningly easy to activate on the large touch screen panel.

Whatever the diverse demands of the active office the bizhub 420 makes light of them all. For instance, the machine can switch immediately from a mid-volume print or copy run to a quick scan-to-eMail message, to the printing of individual documents, to the production of a booklet and simultaneously faxing of an invoice, receiving a fax, saving a regularly used document for future use or distributing a circular to staff.

Apart from Konica Minolta's optional Emperon™ print controller technology the bizhub 420 also offers the options of Boxes for document storage, the Super G3 fax suite and comprehensive security functions.

With its productive 42 ppm (A4) copying, excellent handling, versatile finishing features and the optional printing and faxing, the bizhub 420 is what the cost-effective, efficient business world needs.

The bizhub 420 is waiting to serve you!

bizhub 420

Scan-to-SMB

Scan-to-FTP

TWAIN network**

Scan-to-eMail

Scan-to-Box/
Personal Box**

Scanning

Copying

Local/network

PCL/PS

Printing*

Faxing*

Box*

Distribution

Sharing
Box-to-Box

Reprint

Ideally operational

The bizhub 420 incorporates a perfect user interface. The control panel can be tilted as required and the enlarged display is particularly suitable for those with a visual impairment. The fast response touch-LCD and the exceptionally clear, straightforward structure means that even the occasional user will feel completely at home with the bizhub 420.

Smooth speedy scanning

The document feeder is fitted as standard on the bizhub 420 and scans up to 70 originals per minute. Thanks to the standard network card, scanned documents can be rapidly stored, distributed via scan-to-eMail or shared within the network.

* Optional functionality
** Requires optional HDD

Professional
support

⮕ Full communication

■ Installing the optional 40 GB hard disc drive makes the versatile Konica Minolta Box functionality available. An enormous quantity of documents can be stored in up to 1,000 user boxes as required. Documents can thus be retrieved, recombined, reprinted or distributed at will. In addition, Personal User Boxes can only be used by specified individuals and are protected by a box password. This full flexibility is a boon for any lively, efficient office.

■ The optional Super G3 fax is the all-in-one solution for office faxing. It is equipped with a whole range of functions, all of which are designed to be both effective cost and time savers. Among them are memory reception and transmission, broadcasting and a good range of one-touch and programme dials which enable faxes to be sent to predefined users or user groups merely at the touch of a button! With the installation of a second fax kit even the simultaneous reception and transmission of faxes is available.
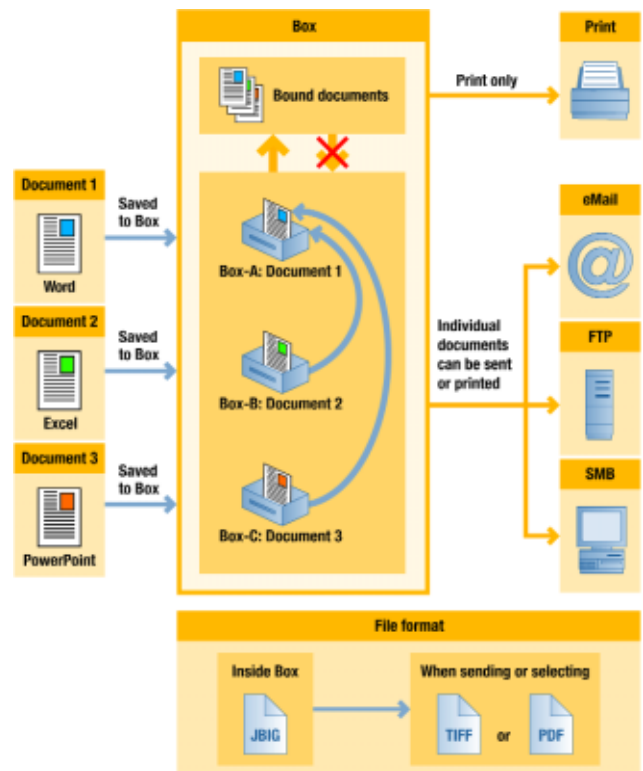
Box functionality: data flow – document storage and distribution

⮕ High print definition

■ The powerful Emperon™ print controller supports PCL5e/6 and PS3 printing in all major platforms and gives an amazingly high resolution of up to 2,400 x 600 dpi. Thanks to Simitri™, Konica Minolta's innovative extra fine polymerised toner, you get the best black-and-white prints and copies possible.
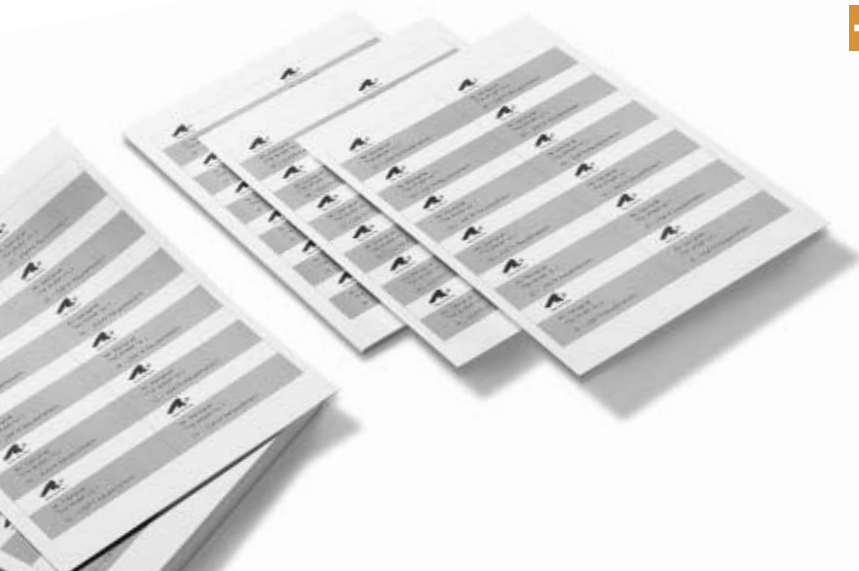
features

→ Top security is essential

The bizhub 420 is easily integrated into the office network. Rest assured, however, that Konica Minolta provides the perfect protection for the shared environment.

■ For instance, a print job can be given a password and only once the correct password has been entered at the machine will the print job be released for prinitng.

■ Similarly, the optional hard disc can be protected with a password, stored data can be automatically erased at user selected intervals and the optional encryption tool ensures that the data remains secure even if the hard disc is removed, thus preventing the unauthorised reading of data.

■ The bizhub 420 also complies with the latest international security standard ISO 15408 EAL3*.

*from Autumn 2006
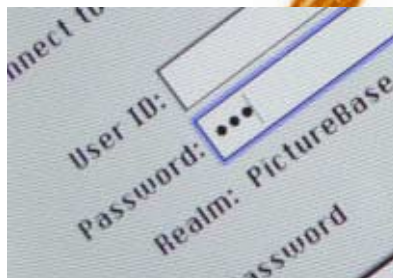
Excellent handling
and finishing

The bizhub 420 is a leading exponent in the art of quality printing and finishing alternatives combined with effective office workflow. Gone are the days of inconvenient and costly out-sourcing.

The bizhub 420 just keeps on running thanks to the high capacity consumables and the standard paper supply of an impressive 1,150 sheets, which can be augmented with the optional paper cabinets up to a massive 5,650 sheets.

With amazing speed it takes everything in its stride. Whether it's a presentation, special postcards, a circular letter with printed envelopes, high-volume document printing, invoices or promotional material. The stunning range of paper input via the bypass including any thickness from 50 g/m^2 to 210 g/m^2, any size from A6 up to A3 – enables the bizhub 420 to easily produce the wide variety of top quality printed matter that is required.

Extensive finishing options, from offset sorting to booklet production, further heighten the image of the document and complete the professional approach.

Effective quality, versatility, efficiency and dependability. Who could ask for more?

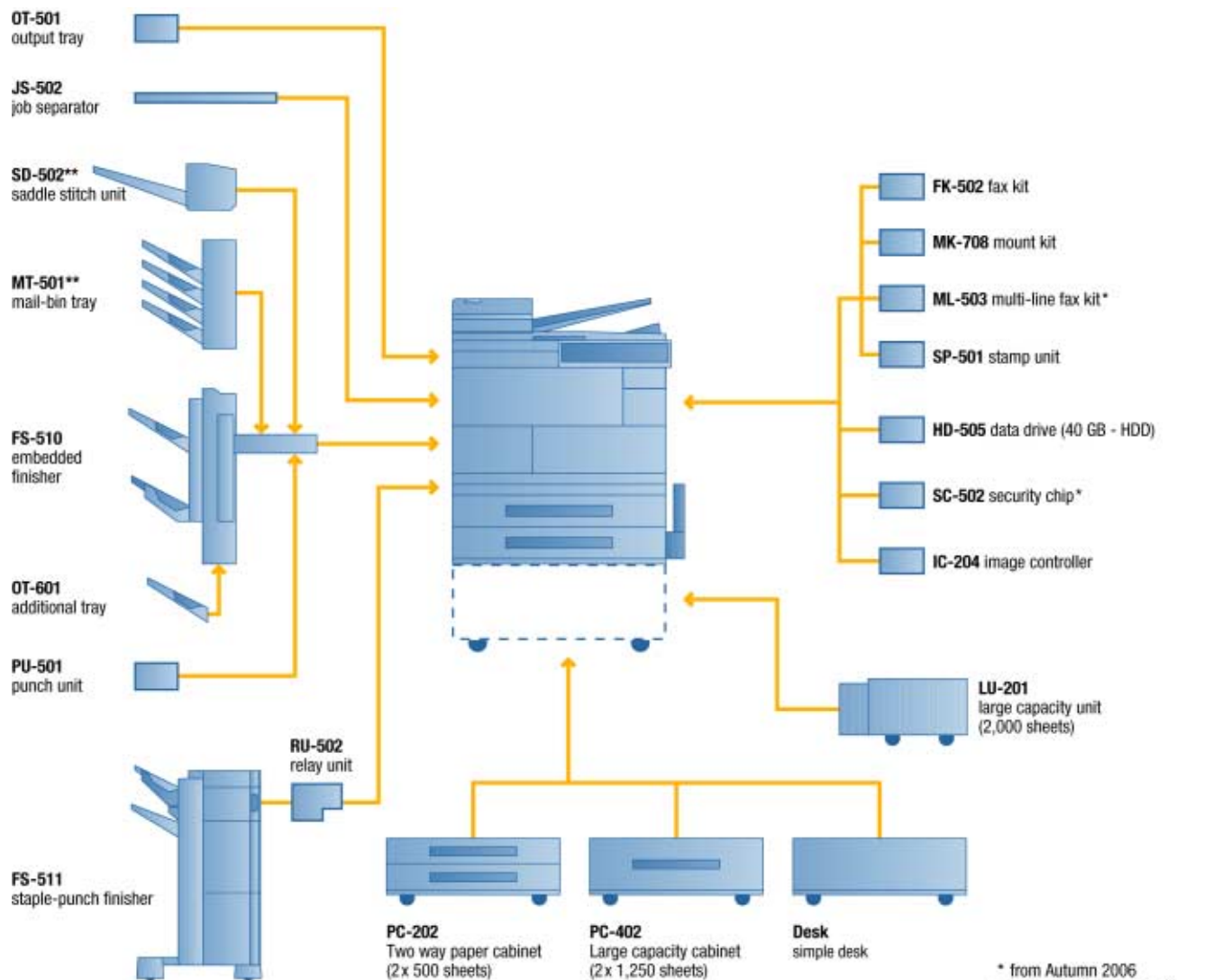| corner stapling	2-point stapling	booklet	four-hole punching	sheet insertion	mail-bin sort

Your options
at a glance

OT-501
output tray

JS-502
job separator

SD-502**
saddle stitch unit

MT-501**
mail-bin tray

FS-510
embedded
finisher

OT-601
additional tray

PU-501
punch unit

RU-502
relay unit

FS-511
staple-punch finisher

PC-202
Two way paper cabinet
(2 x 500 sheets)

PC-402
Large capacity cabinet
(2 x 1,250 sheets)

Desk
simple desk

FK-502 fax kit

MK-708 mount kit

ML-503 multi-line fax kit*

SP-501 stamp unit

HD-505 data drive (40 GB - HDD)

SC-502 security chip*

IC-204 image controller

LU-201
large capacity unit
(2,000 sheets)

* from Autumn 2006
** either SD-502 or MT-501
can be installed into FS-510
at one time

Technical specifications

Copier specifications

Copying process
Electrophotographic laser

Toner system
Polymerised toner

Copy/print speed A4
42 cpm/ppm

Copy/print speed A3
Up to 23 cpm/ppm

1st Copy/print time
3.6 sec. (A4)

Warm-up time
Approx. 30 sec.

Copy resolution
Equivalent to 1,200 x 600 dpi

Gradation
Equivalent to 256 gradations

Multicopy
1–999, countdown, interruption mode

Original format
A5–A3

Magnification
25–400% in 0.1% steps

Copy features
Image rotation, image repeat,
booklet creation, combination N-in-1,
stamp

Printer specifications (optional)

Print resolution
Equivalent to 2,400 x 600 dpi

Controller CPU
MPC 8245, 400 MHz

Page description language
PCL5e/6
PostScript 3

Operating systems
Windows 98/ME/NT4.0/2000/XP/
Server 2003
Macintosh 9.0 or later/OS X 10.2, 10.3, 10.4

Scanner specifications

Scan speed
Up to 70 OPM (300 dpi via DF)
Up to 50 OPM (600 dpi via DF)

Scan resolution
Max.: 600 x 600 dpi

Scan modes
Network TWAIN scan*
Scan-to-eMail
Scan-to-FTP
Scan-to-SMB
Scan-to-Box/HDD*
(*with optional hard disc)

File formats
TIFF, PDF

Scan destinations
LDAP support

Fax specifications (optional)

Fax standard
Super G3

Fax resolution
Max.: 600 x 600 dpi (ultra-fine)

Fax compression
MH, MR, MMR, JBIG

Fax modem
Up to 33.6 Kbps

Fax back-up memory
32 MB

Fax destinations
1,000 (2,000 with optional hard disc)

Fax functions
Polling, memory transmission/reception,
broadcasting, PC fax, multi-line fax**

System specifications

System memory
576 MB

System hard disc (optional)
40 GB

Interfaces
10-Base-T/100-Base-TX Ethernet,
Parallel IEEE 1284
USB 2.0

Automatic document feeder (standard)
Up to 80 originals

Paper size
A5–A3

Paper weight
60–105 g/m^2 (from trays)
50–210 g/m^2 (from bypass)

Paper input capacity
Standard: 1,150 sheets
Max.: 5,650 sheets

Output capacity (optional)
Up to 3,250 sheets

Automatic duplexing (standard)
A5–A3
60–105 g/m^2

Finishing modes (optional)
Offset, group, sort, staple, punch,
centre-fold, booklet, mailbin sort

Copy/print volume (monthly)
Recommended: 19,000
Max.: 150,000

Power consumption
Less than 1,560 Watt (system)

System dimensions (W x D x H mm)
677 x 708 x 895

System weight
Approx. 91.2 kg (with DF)

System features

Security
ISO 15408 EAL3**

Accounting
Up to 100 user accounts (1,000 with
optional hard disc)
Active Directory support
(user name + password)
User function access definition

Software
PageScope NetCare
PageScope NetworkSetup
PageScope Data Administrator
PageScope Box Operator
PageScope Workware
PageScope ScanDirect/Pro

* optional functionality

** from Autumn 2006

All specifications relating to paper capacity refer to A4-size paper of 80 g/m² quality.

All specifications relating to scanning, copying or printing speeds refer to A4-size paper that is scanned,
copied or printed crosswise in multipage, simplex mode.

The memory capacities listed refer to A4-size paper.

Some of the product illustrations contain optional accessories.

Konica Minolta does not warrant that any prices or specifications mentioned will be error-free.

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Printed in the UK on Revive Silk, a paper containing a minimum of 75% post consumer de-inked recycled waste,
using soya based mineral-oil free inks.

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