MINOLTA

DiALTA™
Di 750

DiALTA

75 copies/min
A4 crosswise

energy

Di750

Giving your business the upper hand

One key success factor in modern-day business is ensuring the right information is available at the right place and the right time. This makes fast, just-in-time document production so decisive, particularly for CRDs, print-for-pay shops or any large-volume print-on-demand environment. By printing and copying in outstanding quality at 75 ppm – and even producing 150 copies a minute in the tandem configuration – the Di750 packs a powerful punch in document production and finishes off the job with outstanding stapling, folding, trimming and cover insertion qualities. What's more, this monochrome digital copier-printer has the stamina to cope with the punishing demands of any high-volume environment – up to a maximum output of 500,000 copies or prints a month!

Copying
Up to 150 pages a minute in the tandem configuration

Printing
Up to 75 pages a minute from any work-place in your business

Finishing
Everything up to folded, stapled and trimmed booklets with pre-printed coloured covers or interleaves

1 → Productivity boosted
The benefits of multifunctionality – copying, printing and finishing – do not come at the expense of perform-ance. The Di750 gives you 75 pages a minute as a digital copier or printer plus a range of sophisticated finish-ing options such as booklet creation or coloured cover insertion. In the tandem configuration you even have a highly productive system with an output of up to 150 copies a minute.

2 → Acquisition costs cut
The Di750 does the job of a high-volume copier, high-volume printer and professional finishing machine. So as a one-time acquisition, it gives you better value for money than three individual machines.

3 → Single service partner
Different service partners and con-sumables for your copying and print-ing? A troublesome and rather ex-pensive idea. The intelligent solution is a single service partner and uniform consumables for both functions.

4 → Space saved
As a multifunctional digital high-volume system, the Di750 naturally takes up less space than a stand-alone copier, stand-alone printer and the machines required for profession-al finishing.
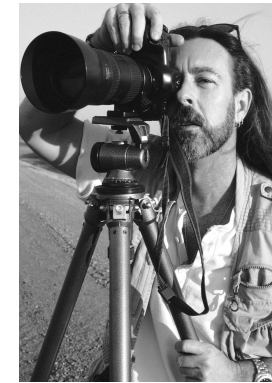
Real clout
in copying

It's the same old story with many high-volume copiers. They ought to be easy to use but finding the right copy setting can be devilishly difficult due to a complicated operating panel and lack of instructions. They ought to be equipped to deal with different kinds of copying jobs but only offer a standard configuration. They ought to be flexible enough to cope with different kinds of media but are in fact restricted to paper of max. 160 g/m² and cannot produce full-bleed brochures. And to cap it all, some finishing features are only available manually, e.g. folding. That is the problem with many high-volume devices. But it's a very different story with the Di750 digital copier system. Everything from preparation of a job to copying and finishing is fine-tuned to the requirements of high-volume copying environments.

90° image rotation

No wasted copying and more paper capacity for each job:
- Image rotated through 90° to copy crosswise
- Automatic image rotation if corresponding paper cassettes happens to be empty

High-speed copying

Ideally suited to a high-volume copying environment:
- 75 pages a minute
- First copy in under 3.9 sec
- Genuine high-volume copying with a max. output of 500,000 copies a month
- In the tandem configuration any copy job can be scanned in on one machine and executed on two
- Twice the speed, twice the productivity in the tandem configuration (e.g. 150 copies a minute or 1,000,000 copies a month)

Scan once – copy many

A faster, quieter solution:
- Multiple copies from a single scan
- Higher productivity because originals can be changed faster
- Much less noise and mechanical wear and tear

High-end paper management

Greater productivity and versatility:
- 6,150-sheet paper capacity
- Three standard trays (2x500, 1x1,000)
- 150-sheet bypass
- Optional 4,000-sheet large-capacity tray
- Enormously versatile thanks to max. five-way loading and up to 200 g/m² input media

Original document feeder

Higher productivity:
- Space for 100 originals
- Large document memory capacity if copy sets of more than 100 originals are required
- Even takes thicker originals

Document builder

More professional copying:
- Different settings possible for different parts of the original set (e.g. varying zoom settings or different coloured output paper)

Multi-job function

More time saved because, for example, the Di750 can be simply left to get on with the job:
- New originals can be scanned in while others are still being printed
- Up to ninety-nine jobs in advance (depending on the memory and image used)

Touch-panel display

Much easier to find the required function:
- Large display
- Fewer buttons or keys
- Systematic arrangement
- User support through clear explanations

Stackless duplex

Improved productivity and reliability:

- Two-sided prints without stacking paper
- Duplex copies from unlimited number of originals
- Duplex copies of up to 170 g/m² wear and tear

Full-bleed imaging

Ideal for full-page printing of brochures:

- All image area print
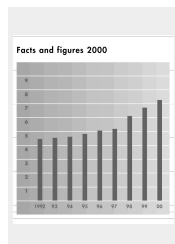- Up to full-bleed A3 print area by using A3+ paper

Huge zoom range

More creative possibilities:

- Magnification from 33% – 400% in 1% steps
- Enables specific areas of an original to be extracted and magnified
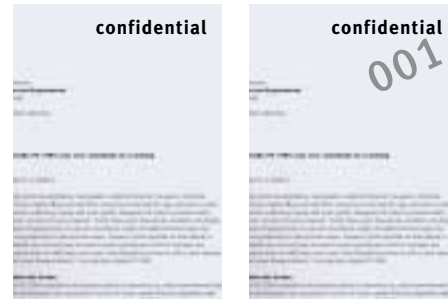- Nine preset zoom ratios

Original 100%

200% zoom

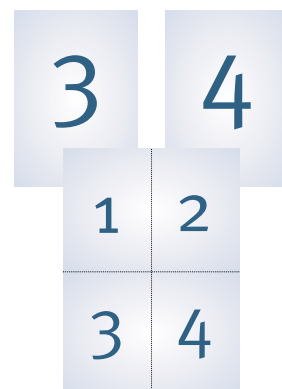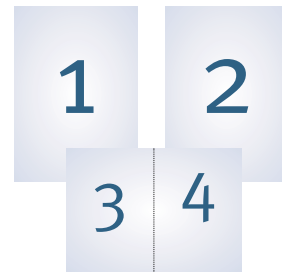## Number/image stamping

Ideal for letterheads, ruled sheets and watermarks:

- Stamped pages, date or distribution number on copies
- Stamped watermarks such as "confidential", "draft", etc. on copies

confidential

confidential
001

2-in-1 or 4-in-1 copying

Reduced paper and toner consumption:

- Size of original reduced
- Two- or four-page originals copied onto a single sheet

1 2
3 4

1 2

3 4

1 2
3 4

Finishing

High productivity

Faster finishing features:

- Generous 3,000-sheet main exit tray
- Finishing at full printing speed
- Synchronized for maximum speed
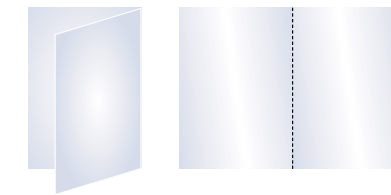- Shift and rotated sorting

Stapling

Greater flexibility and versatility:

- Eight different stapling positions (all four corners + twin stapling on all four pages)
- Saddle stitch

Cover inserter

Chance to create documents with b/w and 4/c pages:

- Pre-printed/coloured covers can be placed in the finisher as required
- Up to 200-page capacity

Folding

More variety:

- Centre fold
- Online booklet creation with no need for additional finishing machines
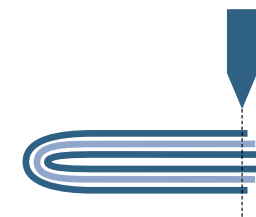
Booklet creation

Saves time and effort:

- Fully automatic process
- Booklet creation, centre fold and 2-point staple

Trimming

Better-looking documents:

- Automatic trimming of thicker booklets
- Attractive add-on to booklet-creation function

A powerful punch

You know the problem with traditional offset printing. Low print runs are uneconomical, high print runs often necessitate lengthy storage and a good deal of wastage if brochures, leaflets, handbooks, manuals or the like become out-of-date. What's more, centralized offset printing requires "manual" distribution and, very possibly, complex logistics chains. The Di750, in contrast, makes on-demand printing possible – so you can choose the precise print run you need and print where and when you want. On-demand digital printing is the future of short- and medium-run printing because it does away with wastage, unnecessary storage costs, expensive logistics and out-of-date print material. And the Di750 has the clout to cope with the tough environment of on-demand printing.

LAN versatility

Effortless compatibility with various LAN environments:

- Controller corresponds to a variety of protocols, e.g. EtherTalk or TCP/IP
- Users can print from a variety of office workstations and PCs
- Windows 98/95/2000, Mac or Windows NT environments

Web tools

Easy-to-use software for simpler job management:

- Job management via Java-enabled Web browser (e.g. Netscape Navigator or Microsoft Internet Explorer)
- Issues "client" and "administrator" access rights

Web spooler

Output management straight from your own PC:

- Desktop print-job management
- Monitoring of print queues, alteration of print settings and job priorities or deletion of print jobs

Preparation

Web status

System monitoring, even on a remote basis:

- Status of spool, RIP and print data
- System messages, e.g. about refilling paper or toner

Web link

Fast and comprehensive help for users:

- Link for more information about Minolta products
- Access to the Minolta product help files

Web downloader

Less data transfer in a network and faster printing:

- Pi7500 controller already has 136 Adobe Type 1 fonts and 46 PCL fonts installed on its hard disk
- Additional fonts can be installed via WebDownloader

Full-speed printing

Ideal for high-volume printing environments:

- 75 pages a minute
- Powerful processor for high processor speeds

Production

RIP-while-print

- Enables printing to take place during raster image processing (RIP)
- Significantly speeds up throughput, especially in environments with numerous print jobs

Non-stop printing

Improved productivity:

- Engine does not stop after each page is printed
- Shorter printing time when multiple pages need to be printed at one time

High-quality printing

Exceptional printouts for all kinds of documents:

- Crisp 600 dpi resolution for ultra-sharp type
- Standard PCL 5e and Adobe PostScript 3 for beautifully clear reproduction of images, graphics and text

Printing for the cost of copying

Lower costs than stand-alone printers:

- Printing at significantly lower cost per page of copying
- Printer added to equipment line-up at minimal extra investment cost
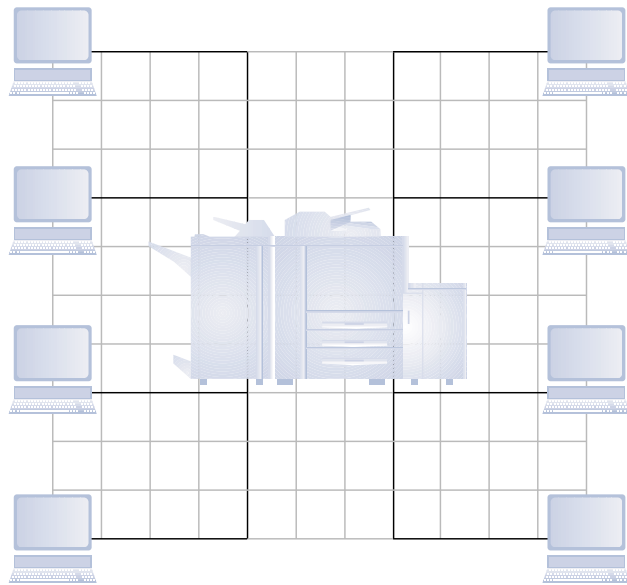- Power-saving two-in-one solution

Decentralized document handling

Faster, more economical printing:

- Lower information-distribution costs through electronic data interchange
- No storage costs for finished documents thanks to print-on-demand principle
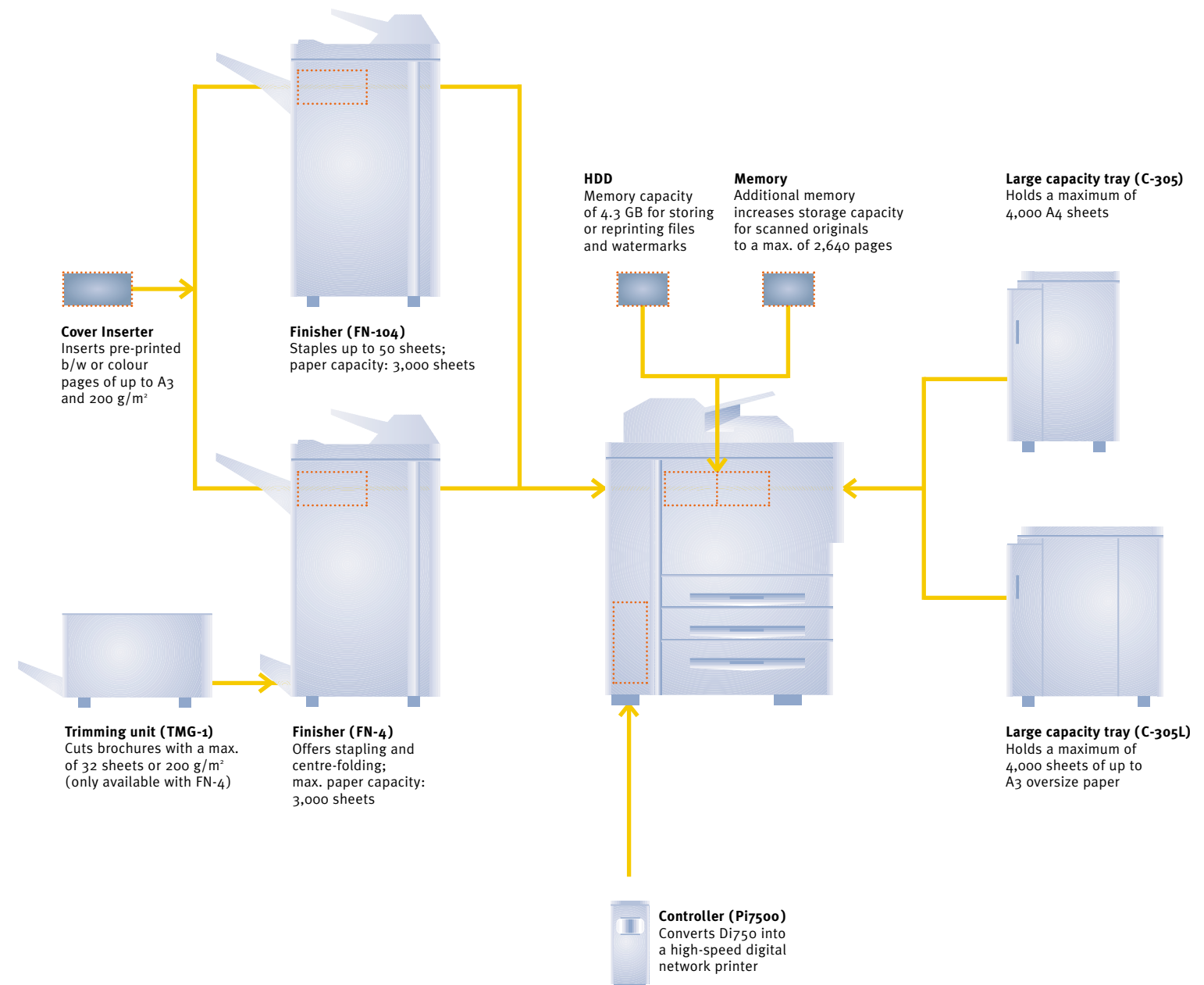- Professionally designed document sets thanks to numerous editing and finishing functions

Distribution

Networking capability

Reduced corporate printing costs:

- Di750 can be linked to every PC or workplace in a corporate environment
- High-end printer available to every networked employee

Options to outbox the competition

Decades of expertise in copying technology enable Minolta to offer a wide range of paper-handling and finishing options to boost performance and productivity in the competitive environments of on-demand printing, print service providers and high-end corporate or institutional printing.

HDD
Memory capacity of 4.3 GB for storing or reprinting files and watermarks

Memory
Additional memory increases storage capacity for scanned originals to a max. of 2,640 pages

Large capacity tray (C-305)
Holds a maximum of 4,000 A4 sheets

Cover Inserter
Inserts pre-printed b/w or colour pages of up to A3 and 200 g/m²

Finisher (FN-104)
Staples up to 50 sheets; paper capacity: 3,000 sheets

Trimming unit (TMG-1)
Cuts brochures with a max. of 32 sheets or 200 g/m² (only available with FN-4)

Finisher (FN-4)
Offers stapling and centre-folding; max. paper capacity: 3,000 sheets

Large capacity tray (C-305L)
Holds a maximum of 4,000 sheets of up to A3 oversize paper

Controller (Pi7500)
Converts Di750 into a high-speed digital network printer

Minolta Genuine Consumables And Parts

To ensure the best possible use of our copiers in terms of cost, copy quality and service life, Minolta has extended its technical expertise as a manufacturer of precision equipment to the development and production of high-quality consumables and parts. For optimum performance and productivity, we recommend the use of Minolta's genuine consumables and parts.

Di750 Specificatons

Copying System:	Laser Electrostatic
Type:	Console/Stationary Platen
Resolution:	400dpi/600dpi
Halftone:	256 gradations
Type of Originals:	Sheets, Books, Book-type Original
Original Size:	Max. A3 (Ledger)
Copy Size:	A3 oversize (314 ✕ 445mm) to A6 (12-1/4" ✕ 17-1/2" to 4" ✕ 5-3/4")
Copy Speed:	75 copies/min (A4 Crosswise)
1st Copy:	3.9 seconds (A4 Crosswise)
Magnification:	400dpi: ✕ 0.33-4.00 (Preset or Variable) 600dpi: ✕ 0.33-2.00 (Preset or Variable)
Exposuer Control:	Automatic & Manual
Paper Feeding System:	3 Front-Loading Paper Drawers (500 Sheets ✕ 2 + 1,000 Sheets)
Sheet Bypass:	Multiple Bypass (Up to 150 sheets: A3 oversize (314 ✕ 445mm) to A6
Multiple Copy:	1-9,999, Count-Down, Interruption Capability
Input Materials:	Thin Paper (50-59g/m^2) Plain Paper (60-90g/m^2) Thick Paper (91-200g/m^2) OHP Sheet by Multiple Bypass
Developing Systm:	Dry, 2-component, magnetic brush system
Photoconductor:	OPC Drum
Toner Supply Control:	Automatic Toner Density Control
Warm-Up Time:	Less than 6 min
Power Consumption:	2.8kw (Full system)
Dimentions:	887(W) ✕ 775(D) ✕ 1,160(H)mm (35" ✕ 30-1/2" ✕ 45-3/4")
Weight:	280kg (617-1/4lbs.)

Accessories:	Finisher(FN-4) Finisher(FN-104) Cover Inserter A Trimming Unit (TMG-1) Large Capacity Cassette(C-305) Large Capacity Cassette(C-305L) HDD for Di750 A 64MB Memory (M64-1) 128MB Memory (M128-1) Printer Controller(Pi7500)

Pi7500 Specifications

Print Speed:	75 pages/min
Resolution:	600dpi
CPU:	Intel Celeron/366MHz
RAM:	64MB (Max. 128MB)
Protocol:	EtherTalk, IPX/SPX, TCP/IP
Interface:	IEEE1284(ECP/Nibble Mode), 10BASE-T/100BASE-TX, AUI
Printer Language:	Adobe PostScript3, PCL5e
Fonts:	Adobe Type1 (136 fonts), PCL Fonts (46 fonts),
Operating System:	Windows 95/98, WindowsNT 4.0/2000, Mac OS