



DiALTA™

Di 520

Minolta. First to put you first.



Powerful enough for any

The DiALTA Di520.

A High-Speed, High-Function Digital Copier System.

The Di520 represents the ultimate in digital copier technology. A high speed of 52cpm increases productivity, while a variety of high-level functions enhance overall performance. The Di520 also offers the optional flexibility of network expandability, allowing it to be used as a highly sophisticated printer. All in a space-friendly, compact design. The Di520. Advanced digital technology for a changing digital world.

CS Digital Technology. The Power behind the Promise.

Minolta's CS Digital Technology is all about complete customer satisfaction. Combining both network connectivity and exceptional Minolta quality to create high-level digital technology with myriad dynamic functions. Minolta's CS Digital Technology provides you with a level of productivity and versatility that can only be obtained through digital technology. Technology that's powerful enough for any business, yet simple enough for everyday use.



High-Quality Printing – Our New Micro-Toning developing system gives you more beautiful reproduction.

High Productivity – Abundant paper supply and output options for greater efficiency.

User Friendly – A variety of easy-to-use digital functions.

High Reliability – High-level functions reduce downtime.

Connectivity – Network printer capabilities.

Environmentally Friendly – Low-ozone & energy-saving design.



business.



DiALTA
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What is DiALTA? DiALTA is a combination of "digital intelligence" and "lealta," which is Italian for "accurate." It's our nickname for the Minolta Di Series. These copiers are engineered with a combination of our exclusive digital and CS (Customer Satisfaction) Technology, thereby creating a new CS philosophy.

Dynamic Functions with High-Level Digital Technology

Larger Memory Means Higher Productivity and Greater Versatility

Minolta's unique image compression technology and standard 16MB memory give the Di520 the ability to memorize 200 sheets of originals at once. And if you add the optional 16MB or the Hard Disk Drive Kit, that number can be expanded to either 400 sheets or 500 sheets, respectively. Given its total memory capacity, the Di520 has the ability to give you a level of productivity and versatility that can only be obtained through digital technology.

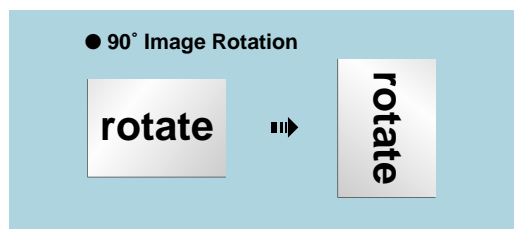
Digital High Productivity

2LD Printhead

With the newly developed 2LD Printhead, two laser beams perform the printing at the same time. Therefore, you get a high copy speed of 52 copies/min.

90° Image Rotation

The Di520 comes equipped with "90° Image Rotation," which rotates the image 90° and sends copy paper through in a crosswise direction. Should you unintentionally set an A4 original lengthwise, or need to reduce an A3 size original to A4 size, the Di520 will copy onto A4 size sheets in crosswise format. This helps maximize the copier's top speed of 52 copies/min.



Electronic Document Handler EDH-1

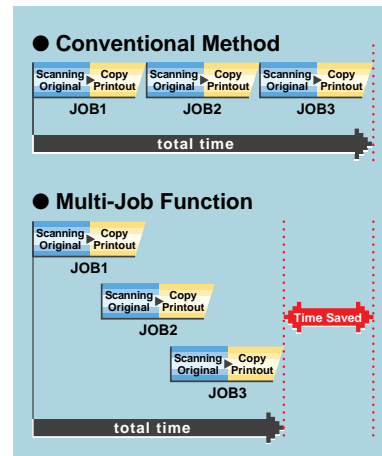
A high-speed Electronic Document Handler is standard with the Di520, enabling it to memorize the scanned original. Therefore, multiple copies require only one scan. As a result, the Di520 can increase both its speed and reliability by switching from one original to the next.

Non-Stack, Automatic Duplex Copying

Efficient usage of the stored memory allows for the non-stack method with the Duplex Copying function. The copier will recall the needed memorized document according to needs such as reversing the sheet or following the circulation pattern. This increases your duplex copying efficiency. Added efficiency is also gained when you need to make large numbers of duplex copies. Now that stacking is not required, reliability of the copier has increased.

Multi-Job Function (optional)

By mounting the optional Hard Disk Drive Kit, the Di520 can handle five tasks at a time. You can double your efficiency by scanning one document while another is being printed.



6,550 Sheet Paper Feed Capacity

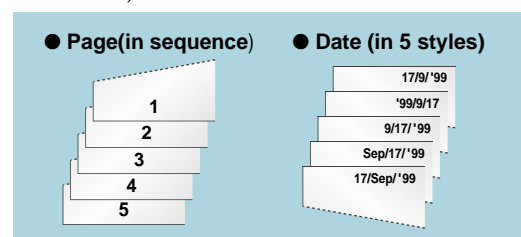
The main body of the Di520 accepts an ample 3,550 sheets of paper. This includes two 500-sheet and one 2,500-sheet paper cassette trays, as well as a 50-sheet Multiple Sheet Bypass for 4-way loading. 5-way loading is also possible with the optional Large Capacity Cassette C-304 or C-304L. As a result, a total of 6,550 sheets can be stacked.

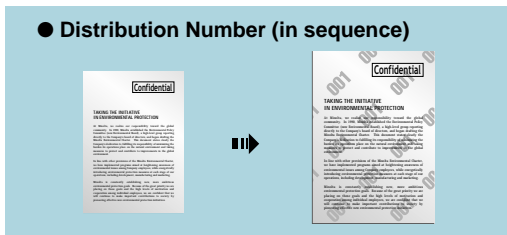


Digital Functions

Number / Image Stamping (optional)

The optional Hard Disk Drive Kit makes it possible to copy with stamped page, date or distribution number. You can also scan and save up to 5 of your own overlay images, which can be used to create your own letter heads, ruled sheets and watermarks.





Booklet Creation

You can create copies in booklet form, such as centre-bound magazines and catalogues. Also, the Finisher FN-3 enables the copier to bookbind automatically.

Versatile Functions

■ Separate Scan

This function makes it possible to copy large numbers of originals of 100 sheets or more, which can not be set in the Electronic Document Handler.

■ 25% to 400% Wide Zoom

The Di520 boasts a wide zoom range, giving you the flexibility to copy documents in a variety of sizes. Minolta's incredibly precise zoom technology allows magnification settings in 0.1% increments.

■ X / Y Zoom

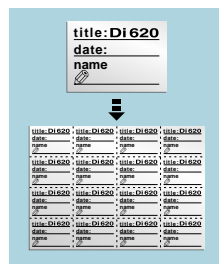
The magnification rate can be set independently, in both vertical and horizontal directions.

■ Job Memory

A maximum of 10 combinations of copy modes can be registered.

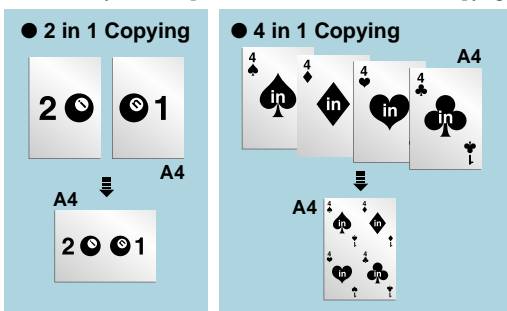
■ Image Repeat

The Di520 makes it possible for you to copy one original repeatedly onto a single sheet of paper.



■ 2 in 1 / 4 in 1 Copying

The Di520 allows you to reduce paper consumption by reducing the original to copy a two- or four-page original onto a single sheet of paper. A four-page A4 original, for example, can be copied onto a single A4 sheet. Our Automatic Duplex Copying function lets you accomplish two-sided, 2 in 1 or 4 in 1 Copying.



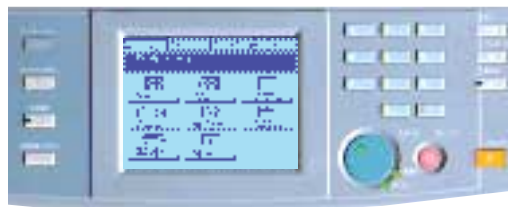
The Latest Technology Means the Greatest Quality

LIMOS III Gives You High-Quality Digital Images

In addition to the Standard Mode for detailed sharper text, a Photo Mode is available. The combination of our unique LIMOS III which precisely controls 256 gradations per dot during its 400dpi image processing routine and our 6µm superfine toner results in beautifully reproduced half-tones.

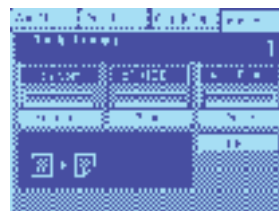


Photo Mode



Simple Touch Panel Message Display

User-friendly features on the Di520 include an easy-to-operate interactive touch panel message display.



Memory Recall Function

Imagine being able to make a copy without the original. With the Di520, you can. After you make a copy, the data of the original is stored until a new document is scanned. Should you require another copy after the original has been removed, simply touch the Memory Recall Function and hit the start key. You can even change the number of copies and their size, or the bookbinding style.

Low Noise Output / Low Energy Input

Because each document requires only one scan (regardless of the number of copies to be made), both noise levels and energy use are reduced. You can further reduce the Di520's energy consumption by adjusting the automatic pre-heat to between 1 and 240 minutes. You can also adjust the automatic shut off to activate anywhere between 15 and 240 minutes after last use. Both can be adjusted in one-minute increments.

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High Precision Means Higher Productivity

Finisher Options That Meet Your Needs

The Di520 is compatible with three different finishers — the Finisher FN-102, the Mailbin Finisher FN-502 and the Finisher FN-3 — giving you myriad paper handling options.

■ Finisher FN-102

Compact with Stapling and Hole-Punching functions.

■ Mailbin Finisher FN-502

Can select output bins (when used as a printer).

■ Finisher FN-3

Performs all the above finishing functions, plus 3 kinds of folding functions.

Booklet Making With The Intelligent Finisher Combined With The Digital Editing Function

The Di520 is the world's first* PPC to equip the finisher with a Sorting, Multi-Stapling, Grouping and Hole-Punching function, plus three different kinds of folding functions (Z-Fold, Half-Fold and Crease.) When combined with the digital copying mechanisms, such as the Booklet Creation, 2 in 1 Copying, and Duplex Copying functions, the Di520 will automate booklet making (see examples). *as of March 1998

Functions of the FN-3

▼ Multi Stapling Function

2-point Staple (side) 2-point Staple (centre) Corner Staple

▼ Folding

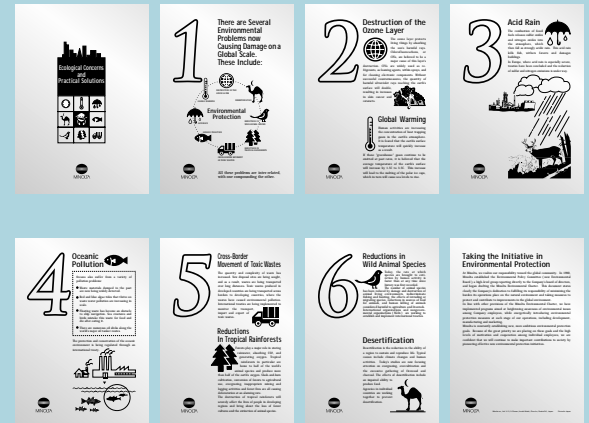
Half-Fold Crease Z-Fold

▼ Hole-Punching Function

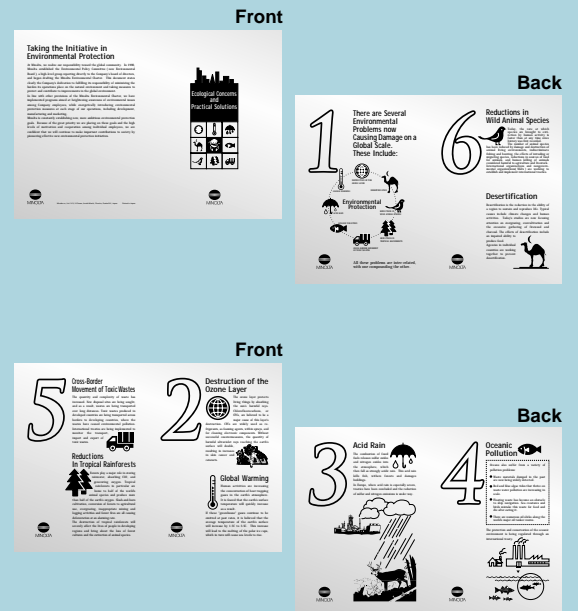
*Number of holes varies among markets

Booklet Creation+Crease+2-Point Staple (centre)

▼ Originals



▼ Copying+Finishing



System Options



Finisher FN-102

Can staple and hole-punch sets of up to 50 sheets each.



Mailbin Finisher FN-502

Can staple and hole-punch sets of up to 50 sheets each. You can also select output bins or private bins when printing.



Large Capacity Cassette C-304

The optional Large Capacity Cassette holds a maximum of 3,000 sheets of either B5, A4 or letter-size paper, increasing the capacity of the Di520 to an astounding 6,550 sheets.



Large Capacity Cassette C-304L

The Large Capacity Cassette is compatible to A4, B5, letter and legal sizes and holds up to 3,000 sheets.



Finisher FN-3

Can staple, hole-punch and perform three kinds of folding functions.

Hard Disk Drive Kit

The Hard Disk Drive Kit enables the use of both the Stamping and Multi-Job functions. The extra memory will also allow up to 500 separate documents to be stored at one time.

16MB Memory

Should you require extra data storage, an optional 16MB of additional memory enables the main body of the Di520 to memorize 400 sheets of originals.



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High-Quality, High-Speed, High- Performance Printing

High Productivity

Printer Capabilities with Copier Functions

The Printer Controller Pi6200 gives you the option of using the Di520 as either a network or local A3 printer. Additionally, most copier functions are available when the Di520 is used as a printer. These include Finishing, Automatic Duplexing and other functions.

Mailbin Finisher

PCs connected to the network may be assigned one of five mail bins. The Mailbin Finisher is useful in keeping documents from mixing together and preventing the wrong documents from being picked up.



High-Speed Printing

At 52 pages/min, the System is just as fast as the Di520's copying speed. So there's no need to make volume copies of your print outs.

Powerful Processor

The MIPS R5000/200MHz CPU provides high-speed page processing.

RIP-While-Print

RIP-While-Print allows parallel printing while RIP processing, to supplement high-speed printing.

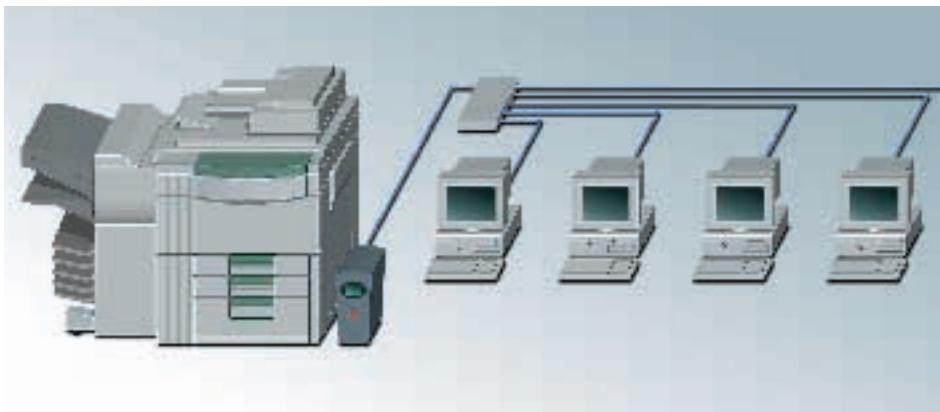
High-Quality Printing

The System gives you a crisp 600dpi. Type comes out exceptionally sharp. The industry standard PCL5e and Adobe PostScript 3 software are standard, for beautiful printouts of documents with images, graphics and text. You get exceptional picture quality for all your business and personal documents.



Adobe® PostScript® 3™





Compatible to a Variety of Networks

Versatile

Because the Pi6200 corresponds to a variety of protocols such as EtherTalk and TCP/IP, you can connect it to various LAN environments. You can print from a variety of work stations and PCs in the office, using Windows98/95, Macintosh or WindowsNT.

WebTools

The Pi6200 comes equipped with easy-to-use WebTools. By installing the Java enabled Web browser, a variety of job management functions are possible.



■ WebSpooler

Offers personal queue management like re-printing, altering job priorities or deleting.

■ WebStatus

Checks the current status of Spool, RIP and Print functions.



Pi6200 Specifications

Print Speed:	52 pages/min (A4 crosswise, Simplex multiprinting)
Resolution:	600 dpi
CPU:	R5000/200MHz
RAM:	Standard: 32MB Max.: 64MB
Protocol:	IPX/SPX: Netware 3.X, 4.X TCP/IP EtherTalk
Ports:	Standard: 10/100Base-T Optional: TokenRing
Printer Languages:	PCL5e, Adobe PostScript 3
Fonts:	35 Intellifonts (PCL5e), 136 Adobe Type1 Fonts (Adobe PostScript3)
Drivers:	Windows 95/98, WindowsNT 4.0 Mac OS

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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 use of Minolta's genuine consumables and parts.

Di520 Specifications

Copying System:	Laser Electrostatic
Type:	Console/Stationary Platen
Resolution:	400dpi
Half-tone:	256 gradations
Type of Originals:	Sheets, Books, 3-D Objects
Original Size:	Max. A3 (11" × 17")
Copy Size:	A3 to A6 (Ledger to 4" × 5-3/4")
Copy Speed:	52 copies/min (A4 or Letter LEE Simplex multi-printing)
1st Copy:	Less than 6 seconds (A4 Crosswise)
Magnification:	× 0.250 - 4.000 (Preset or Variable)
Exposure Control:	Automatic & Manual
Paper Feeding System:	3 Front-Loading Paper Drawers (500 sheets × 2 + 2,500 sheets)
Sheet Bypass:	Multiple Sheet Bypass (Up to 50 sheets: A6 to A3)
Multiple Copy:	1-999, Count-Down, Interruption Capability

Input Materials:	Plain Paper (60-90g/m ²) Thick Paper (90-157g/m ²) OHP Sheet by Multiple Sheet Bypass
Developing System:	New Micro-Toning System
Photoconductor:	OPC Drum
Toner Supply Control:	Automatic Toner Density Control
Warm-Up Time:	Less than 450 seconds
Power Consumption:	1.5kW
Dimensions:	777 (W) × 735 (D) × 1,162 (H) mm (30-1/2" × 29" × 45-3/4")
Weight:	217kg (478-1/2lbs.)
Accessories:	Finisher (FN-102) Finisher (FN-3) Mailbin Finisher (FN-502) Large Capacity Cassette (C-304) Large Capacity Cassette (C-304L) Data Controller (D-102) Data Terminal (DT-103) Hard Disk Drive Kit 16MB Memory Printer Controller (Pi6200)

Product appearance, configuration and/or Specifications are subject to change without notice.

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PCL is a registered trademark or trademark of Hewlett-Packard Company

Adobe and PostScript are registered trademarks or trademarks of Adobe Systems Incorporated.

All other brand and product names are registered trademarks or trademarks of their respective owners.

*As an ENERGY STAR Partner, Minolta Co., Ltd. has determined that this product meets the ENERGY STAR guidelines for energy efficiency. (Does not conform when the optional Pi6200 ver.1.0 is attached).

*ENERGY STAR is a U.S. registered mark.

