Océ
3050

Treasure your archive

Microfilm aperture card scanner for an integrated digital workflow

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- Batch processing
- Aperture cards to digital archive
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- Quality, flexibility, and ease of use
- Auto cleanup
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- Log file generation

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Microfilm aperture card scanner for an integrated digital workflow

Bring the treasure in your archive into the digital age, with the Océ 3050. This microfilm aperture card scanner is the quick, easy way to integrate your legacy documents into today's digital document workflow. That means you can store those documents in a secure digital archive, for easy retrieval whenever you need them.

Simplifying the whole process, the Océ 3050 brings a high level of automation in microfilm aperture card scanning. Batches of up to 250 cards can be scanned automatically, stored in digital form or printed directly from the scanner. All with minimal operator intervention. That's the time saving way to treasure your archive.

Increase productivity with the Océ 3050

The Océ 3050 provides fast, easy, aperture card scanning and quality digital conversion. With batch processing, digital conversion, and printer integration, the Océ 3050 improves employee efficiency and productivity.

Batch processing

The Océ 3050 microfilm aperture card enables digitisation of a few cards or many millions quickly and efficiently. The system scans the aperture cards, processes the images, cleans up poor quality images, and generates TIFF or Cals raster formats. The 250 card auto-feed input and batch processing enables employees to place cards and just walk away. The cards are scanned, digitised, and stored or printed quickly with minimal employee intervention.

Aperture cards to digital archive

Using the Océ 3050 to convert legacy aperture cards into digitally stored images streamlines the access, retrieval, and management of stored technical documents. No more waiting for drawings. No more lengthy searches for misfiled or lost aperture cards. No more errors generated from poor quality aperture card scans. The Océ 3050 ensures aperture cards are efficiently scanned and converted to digital images. The images can be printed, stored on your file system, or in a digital archive. Océ offers an optional digital document repository that provides employees, suppliers or customers easy access to information via a secure web-interface. Since employees won't have to spend extensive time on the problems related to aperture card storage and retrieval, they can focus more of their efforts on revenue generating activities.

IT / Network Administration

'I want an aperture card scanner that's easy to integrate into my network'

CAD

'I want an aperture card scanner that gives me good quality to support my design processes'

Treasure your archive

Printer integration

A unique Océ feature includes the ability to integrate the Océ 3050 with printers. Print files directly from the scanner to increase output efficiency. With the use of the award winning line of printers such as the Océ TDS450, Océ TDS700, or Océ TDS800 professional, you are guaranteed optimal quality and reliability. While the Océ 3050 is scanning aperture cards, the printer can process and print simultaneously—ensuring that output is produced quickly without the need to stop the scanning process.

Quality, flexibility, and ease of use

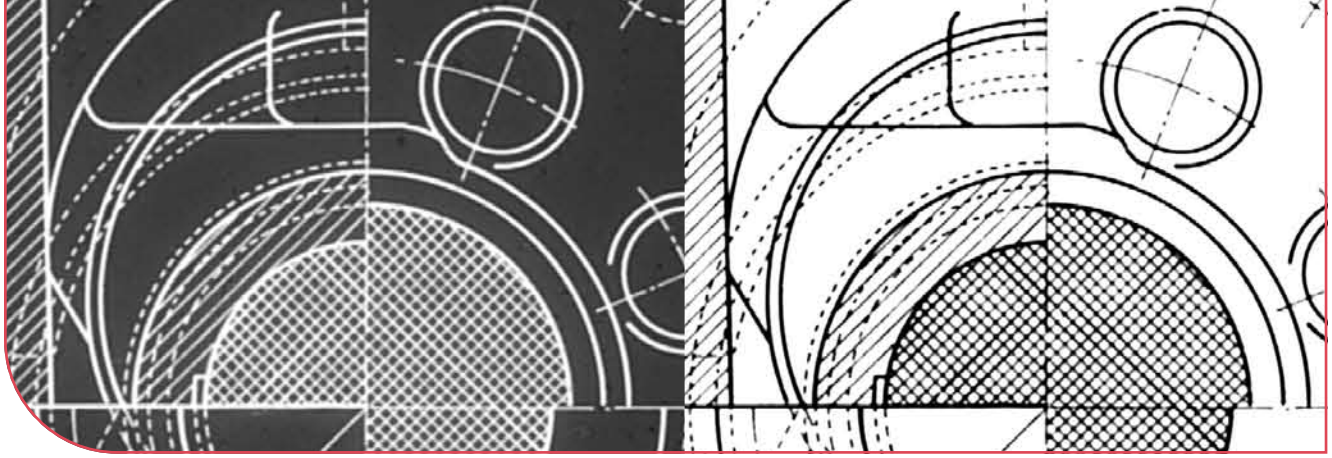
The Océ 3050 enables the creation of quality digital images while offering incredible flexibility and ease of use through job mode options, Hollerith functionality, log file generation and printer back channeling.

Quality

Microfilm scanning occurs at high resolutions of up to 400 dpi regardless of image size. Océ Image Logic technology processes the scanned image, automatically addresses optical non-uniformities, zooms and frames images into the chosen resolution and appropriate magnification, and automatically cleans up the images through a variety of error diffusion techniques.

Océ ensures that crisp clean images with faithful image reproduction are consistently created with the use of the following advanced imaging processes:

- Background compensation with line-for-line measurements ensures consistent clean backgrounds and quality output even with mixed batches.
- Dividing scanned images into 256 gray levels—not simply black and white, improves definition.
- Special filtering softens shaded areas, enhances fine lines and weak images.
- Error diffusion techniques deliver even gray levels and maintain the maximum number of pixels required for thin line printing.



Auto cleanup

The Océ 3050 offers incredible flexibility and accuracy in digital conversion of high and low quality microfilm originals. The operation mode can be selected to optimise the image quality based on the types of aperture cards being processed.

- Good quality cards need less image processing and easily can be processed in the high-speed mode for maximum productivity.
- Poor resolution cards require the optimum quality mode. This can rejuvenate images from old, low contrast microfilms. Choose this mode for batch processing applications involving cards of different quality to ensure consistent, high quality results and improved efficiency, and to avoid re-scanning.

Integrated Hollerith punch reader

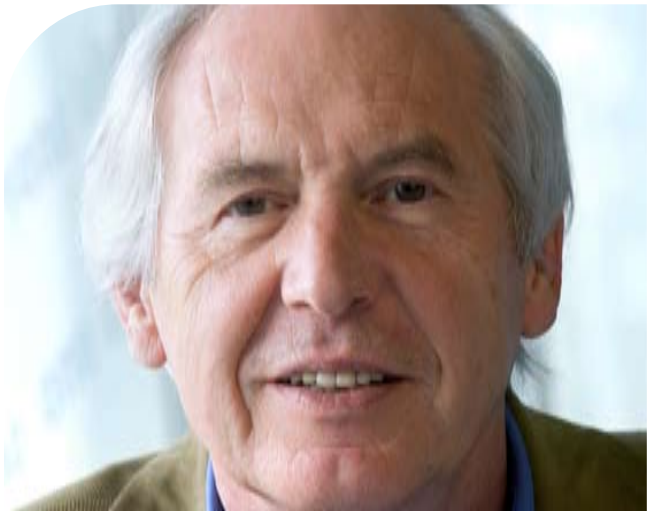
Working with cards from a variety of sources can be difficult to manage. If cards are punched with index data, the Océ 3050 can read this information and automatically set itself up for scanning that card. No operator intervention is required for changing card types, reductions, or different indexing methods.

Log file generation

The Océ 3050 offers flexibility with quality checks and status review to simplify job administration. During automatic scan-to-file processing of card batches, you can periodically check quality after each preset number of scans. If you wish to run continuous processing, the Océ 3050 creates a log file of image, identification, and data compiled for each aperture card. This can be helpful when reviewing the status of digital conversion or cost allocating for scanning and printing. Cards rejected for damage or illegibility are automatically registered in a reject file for maximum production efficiency—improving reliability, prevent production holdups, and maintain orderly inventory files.

Flexibility

Océ offers additional features to ensure customers process aperture cards effectively for their environment. With the Océ 3050, you have the option to rotate images from portrait to landscape as well as integrate third party software to control and set up imaging, drawing size and file name parameters. Further, with the addition of optional software, the Océ 3050 can be integrated with an archival repository or PDM system.



CRD

'I want an easy-to-use, productive aperture card scanner that fully integrates with my printers and digital archive'

Océ 3050 specifications

Machine
Table-model production scanner with Océ scan software

Technology
CCD

Card hopper
250-card input and output

Card reader
Hollerith punch reader

Magnification factors
5.00× to 36.00×

Resolution
100, 200, 300 and 400 dpi

Speed
(depending on RAM, network and amount of data)
A1 / 200 dpi - 9s
A1 / 400 dpi - 14s
A0 / 200 dpi - 11s
A0 / 400 dpi - 19s

Output
Screen, hard disk and printing, separately or in combination

Raster formats
CALS Type 1, TIFF Gr. 4
TIFF Gr. 3/1d, TIFF Gr. 3/2d

PC requirements*
500 mb hard drive, 512 mb ram,
Windows XP®

Electrical requirements
120 – 240 V / 50 – 60 Hz

Dimensions
715(w) × 315(d) × 415(h) mm

Weight
31kg

Options
- Océ View Station for editing and enhancement of scanned documents on remote PC
- Océ View Station Batch Processor for automated editing on remote PC

* *For more details please contact your local Océ organisation*

Beyond the Ordinary

Printing for Professionals

Building a sustainable business has always been one of our core business principles. We do this by developing products and services that add value to the document processes of our customers, while minimizing environmental impact. And we conduct our business activities in a socially responsible manner aimed at preventing health, safety and environmental risks.

Océ Wide Format Printing Systems Partners and Awards

Océ helps the people who make our world. Companies everywhere use Océ technical documentation systems in manufacturing, architecture, engineering and construction. Each week, high speed Océ printing systems produce millions of transaction documents such as bank statements and utility bills. And in offices around the world, people use Océ professional document systems to keep the wheels of business and government turning. Océ is also at work in publishing on demand, newspaper production, document management outsourcing and wide format colour for spectacular display graphics. It all helps our professional customers go 'Beyond the Ordinary' in printing and document management.

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