Océ
VarioPrint® 2110
Prémia Class

Inspired beyond

océ

Smart cutsheet production system

The Océ VarioPrint 2110 Prémia Class gives you the power to bring your commercial or corporate printroom to the highest level of productivity ever. The system combines reliability, high quality, ease of use and unparalleled throughput in a smart and efficient way. You can quickly and easily handle complex documents requiring tabs, mixed-stock, colour inserts and variable data printing—all in one workflow. The Océ VarioPrint 2110 Prémia Class was specifically engineered to deliver a complete and professional print production solution for both document and convergence printing. Our print technology ensures reliable high-speed productivity and exceptional image quality.

Product highlights

- 106 ppm digital printer/scanner/copier
- Highly reliable document production
- Consistent image quality with unmatched greyscales
- Print speed independent of media weight
- All paper trays all media
- Media catalogue
- Plug-and-play workflow integration with Océ DPlink
- Cold paper path for inserts
- Automatic quality optimisation for scan/ copy jobs
- Lowest environmental impact in its class

Product technology
Printer type
LED, 600 dpi, printhead 125 lpi
Reprographic system:
Océ Copy Press®

- No auxiliary duplexing unit; full productivity in duplex mode (1:1, 1:2, 2:2, 2:1)
- Consistent and stable image quality on wide range of media

Scanner type: CCD scanner with Océ Image Logic®

- Automatic quality optimisation for reproduction of originals (text, photos, illustrations)
- Full page exposure control
- Background compensation

Input scanner
Original sizes
- Minimum 148 mm × 210 mm
- Maximum 297 mm × 432 mm
Original weights
60 - 170 g/m²

Scanner

- Automatic document feeder (ADF)
- Double sheet detection
- Scan-once-print-many
- Scan-to-memory
- Scan-to-mailbox
- Scan-to-file
- Capacity: 75 sheets (unattended) or unlimited (refillable during operation)
- Océ Set Logic® for subset scanning (via ADF and/or glass plate)
- Scanning while printing

Scan speed

56 A4 originals per minute

Input paper trays

- Standard capacity: 4,600
- Standard weight range: 60-170 g/m2 from all trays
- Extended weight range: 50-250 g/m2 from all trays
- Standard sizes: A4, B4, A3, Letter, Legal, Ledger
- Tabs and post process inserts from all trays
- Empty tray detection and paper level indication
- Automatic paper tray selection
- Automatic tray linking
- Paper trays refillable during printing
- Air separation in all trays
- Vacuum feed in all trays

4-tray configuration

- Total capacity of 4,600 sheets
- Trays 1 and 2: 600 sheets each
- Trays 3 and 4: 1,700 sheets each
- All trays user configurable, A4-A3; Letter - Ledger
- All trays ready for custom sizes (208 mm × 208 mm – 305 mm x 457 mm)

2+4-tray configuration

- Total capacity of 8,000 sheets
- Trays 1 and 2: 600 sheets each
- Trays 3 and 4 are dual paper trays: 3,400 sheets each
- Trays 1 and 2 user configurable, A4-A3; Letter - Ledger
- Trays 1 and 2 ready for custom sizes (208 mm × 208 mm – 305 mm × 457 mm)
- Trays 3 and 4 configurable, Letter/A4

Production

Monthly output

- Advised volume range 250,000 to 1,000,000 prints per month
- Peak volumes up to 2,000,000 prints per month

Print speed

- 106 A4 images per minute, single and double-sided mode
- 45 A3 images per minute, single and double-sided mode
- Print speed is independent of media type

Key features

- Print-while-RIP
- Streaming PS/PCL (optional)
- Océ DPlink for seamless integration into existing workflows (optional)
- Simultaneous printing, scanning and copying
- Unlimited next-job programming
- Queue management on integrated user interface
- Programming of covers and inserts
- Tabs: printed, caption printing, inserts
- Inserts are post-processed via cold paper path

- Network mailbox
- Scan-to-memory/e-mail/file
- Reprint without rescan
- Editable job settings in mailbox
- Extensive page programming in PS driver
- Subset scanning
- Mixed simplex and duplex in one job
- Automatic paper size selection and zoom
- Zoom 25% - 400%
- Margin shift (max 100 mm)
- Margin erase 4-sides
- 2-up and same up
- Booklet layout
- Media Catalogue, user definable, dynamic in driver and graphical user display
- Active registration module for accurate paper positioning and registration <0.5 mm
- Paper-level indicator
- Toner-low indicator
- Full error recovery

Output integrated finishing

Stacker/stapler

- 3 sections, total capacity: 4,000 sheets Letter/A4
- Sections can be emptied during operation
- Bin-full detection
- Automatic online stapling, two staple heads (single/portrait corner, single/ landscape corner, dual/portrait long edge)
- Fixed stapling size of maximum 80 sheets
- Offset stacking

Multi-format output tray

- Capacity: 500 sheets of all supported sizes
- Optional offset stacking

Offline stapling

- Corner stapling of any kind of media (e.g. A3, custom sizes)
- Stapling during printing possible
- Set size 70 sheets (depends on media thickness)

Integrated booklet maker (iBLM, optional)

- 1-20 sheets (80 g/m2) saddle-stitch
- Support of B4/A4/A5 booklets
- Single-sided, double-sided
- With and without booklet imposition
- Integrated in the machine design
- Full error recovery
- No extra floor space required
- Separate output tray

Océ High Capacity Stacker (HCS, optional)

- Collects 6,000 sheets (80 g/m2) in two stacks of 3,000 each
- Unloading while printing for unlimited capacity
- Automatic adjustment of paper size
- Mixed sizes stacking in same job
- Integrated in the machine design
- Full error recovery
- Face-up/down, header-up/down and first-sheet-first/last
- Hovmand PowerLift (optional)

Output in-line finishing

- Open finishing interface allows connection to virtually any finishing device
- Océ offers direct or via 3rd parties:
  - punching
  - trimming and folding
  - binding
  - booklet making
  - enveloping machine
  - stacking
  - stapling/stitching

Accounting

External equipment

CCD interface for external copy-control devices

Internal

- Logging of all jobs executed at the machine in files accessible via HTTP
- User and project ID logging
- User identification via pin code (driver and user interface)
- User authorisation table uploadable CSV
- Copy, scan and print jobs logged (numbers, media, staples, etc)

Network connectivity

Controller

- Embedded controller with Pentium (M) technology
- 512 Mb RAM
- 80 GB HDD

Languages

- Adobe® PostScript™ 3
- PCL6
- PDF 1.6

Network support

- Ethernet UTP, via TCP/IP (10/100/1000 Mb/s auto detection)
- SNMP host resource and printer MIB support
- Key operator and administrator support HTTP
- e-NDPS
- SMB support
- lpr/lpd

Network management

- Web-enabled system administrator tool
- Web-enabled key operator tool
- SNMP support

Driver

- Microsoft Windows 2000/XP® (PS3, and PCL6)
- PS3 driver for Macintosh OS10.2 and upwards
- Extensive page programming in PS3 drivers
- PPD for Windows 95/98/NT4/2000/XP®
- PPD for MacOS® 8.x and 9
- Direct printing of PDF, PS, PCL and TIFF via Océ JobSubmitIT

Network security

- Protocols not in use can be disabled; ports not in use are switched off
- E-shredding (optional)

Supporting software to increase productivity (optional)

Océ Job SubmitIT

- Direct submission of printable files (PDF, PS, PCL, TIFF) to printer
- Job ticketing of printable files
- Drag and drop to printer icons on desktop
- Printer icon per default job ticket settings possible
- Hot folder mechanism

Océ PRISMAprepare

- Digital job submission
- Digital and analogue job acceptance
- Web job submission
- Importing and editing of scanned documents
- Merging of digital and analogue documents
- Job preparation
  - Document enhancement
  - Extensive page programming
  - Complete job storage (ticket and document)
- Document production
  - Colour splitting
  - Automatic job ticket translation to driver
  - Accounting
  - Open architecture
- General
  - Modular and scalable
  - Seamless interface to Océ PRISMA output management and archiving systems

Physical characteristics

Dimensions (W › D › H)

2,550 mm × 800 mm × 1,830 mm

Weight

Main engine: 703 kg

Operating voltages

- 230V / 50 Hz, 2 phase 15A / 1 phase 30A
- 208V / 60 Hz, 2 phase 25A / 1 phase 30A (System will be adapted to local electrical requirements)

Power management

- Auto off
- Sleep mode
- Low power mode
- Auto wake up

Ecological characteristics

- Virtually no ozone emission (concentration on average 0.0005 ppm)
- 0.51 Watt in power-off mode
- No toner waste
- Low sound pressure in stand-by mode 34 dB(A)
- Low sound pressure in operation mode 66 dB(A)
- Product designed for future recycling

Options

- e-NDPS
- CCD interface for external copy control device
- Interface for external finishing equipment
- Dual paper tray (two stacks A4/letter)
- e-shredding
- Océ DPlink
- Streaming PS/PCL
- Integrated Booklet Maker (iBLM)
- Integrated High Capacity Stacker (iHCS)

Océ Awards

Printing for Professionals