



Océ

VarioPrint

2090 R4.1

Works for everybody



Convenient printing in a walk-up production system

For every multi-user environment with a clear demand for walk-up productivity the Océ VarioPrint® 2090 is the right choice. It combines reliability, consistent image quality, media versatility and finishing with the key essential in these types of environments: ease-of-use. And with its "tray lock" feature and integrated booklet maker the Océ VarioPrint 2090 is the ideal printing system for universities, schools, libraries, public services and printshops.

Product highlights

- Multifunctional 91 ppm digital printer/scanner/copier
- Consistent image quality with unmatched greyscales
- Print speed independent of media weight
- Cold paper path for inserts
- Automatic quality optimisation for scan/copy jobs
- Lowest environmental impact in its class
- Tray locking, a software feature to prevent unauthorised access to paper trays

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 x 210 mm
- Maximum 297 mm x 432 mm

Original weights

- 60 - 170 g/m²

Scanner

- Automatic document feeder (ADF)
- Scan-once-print-many
- 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

General

- Choice between 3, 4, 2+4, and 6 paper trays
- Standard capacity: 4,600, 5,100, 8,000 and 10,200 sheets
- 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 one tray
- 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

3-tray configuration

- Total capacity of 5,100 sheets
- Trays 1, 2 and 3: 1,700 sheets each
- All trays user configurable, A4-A3; Letter - Ledger

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

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 3 and 4 configurable, Letter/A4

6-tray configuration

- Total capacity of 10,200 sheets
- Trays 1, 2 and 3 are dual paper trays: 3,400 sheets each
- All trays configurable, Letter/A4

Production

Monthly output

- Advised volume range 50,000 to 250,000 prints per month

- Peak volumes up to 500,000 prints per month

Print speed

- 85 A4 images per minute, single and doublesided mode
- 43 A3 images per minute, single and doublesided mode
- Print speed is independent of media type

Key features

- Print-while-RIP
- 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 (optional)
- 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
- 2-up and same up
- Booklet layout
- Active registration module for accurate paper positioning and registration <0.5 mm (A4)
- 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/landscapecorner, dual/portrait long edge)
- Fixed stapling size of maximum 80, 100 or 120 sheets

- Offset stacking

Multi-format output tray

- Capacity: 500 sheets of all supported sizes

- Optional offset stacking

Offline stapling (optional)

- Corner stapling of any kind of media
- Stapling during printing possible
- Maximum set size between 150 and 200 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

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 machines
 - 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)

Network connectivity

Controller

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

Languages

- Adobe® PostScript™ 3
- PCL5e
- PDF 1.5

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, PCL5e)
- 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)
- CCC security level (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
 - Digital job submission
 - Digital and analogue job acceptance
 - Web job submission
 - Importing and editing of scanned documents
 - Merging of digital and analogue documents

Océ PRISMAprepare

- 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 x D x H)

- 2,550 mm x 800 mm x 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 at arrival of print jobs

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
- EPA, FEMP, CE and 2002/95/EC compliant

Options

- Adobe PostScript3
- PCL5e
- e-NDPS
- CCD interface for external copy control device
- Interface for external finishing equipment
- Operator status lamp
- Dual paper tray (two stacks A4/letter)
- e-shredding
- Integrated booklet maker (iBLM)



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Professionals**

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