



# Océ

## VarioPrint

### 4110/4120

# Enjoy Productivity



## Efficient printing and copying in your production environment

Total productivity encompasses every aspect of your production printing: throughput, reliability, quality, ease-of-use and applications.

The Océ VarioPrint 4110/4120 allows you to enjoy productivity in your corporate printroom or commercial printshop like never before. No matter the type of documents you're producing: hard copy, digital, mixed. No matter the media you're using: tabbed, mixed stock, color inserts, custom sizes. And no matter the finishing requirements: stapled, punched, folded, booklets.

### Product highlights

- 106/120 ppm digital printer/scanner/copier
- Highly reliable document production
- Consistent image quality with unmatched greyscales
- All paper trays all media
- Media catalogue
- Cold paper path for inserts from every tray
- Automatic quality optimisation for scan/copy jobs with Océ Image Logic
- Lowest environmental impact in its class

### Product technology

#### Printer type

LED, 600 x 1200 dpi, printhead 141 lpi

#### Reprographic system:

##### Océ Copy Press®

- No auxiliary duplexing unit; full productivity in duplex mode
- Consistent and stable image quality on wide range of (structured) 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 (optional)

#### Scanner

- Automatic document feeder (ADF)
- Double sheet detection
- Scan-once-print-many
- Scan-to-waiting queue
- Scan-to-e-mail
- Scan-to-archive
- 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



## Original sizes

- Minimum 148 mm × 210 mm
- Maximum 297 mm × 432 mm

## Original weights

60 -170 g/m

## User Interface

### Scanner (optional)

- Intuitive touch screen user interface for scan and copy job creation

### Main views

- Scan and Copy Control
- Queue manager
- Job scheduler
- Tray manager
- Status overview

## Input paper trays

- Standard 4 trays
- Total capacity of 4,600 sheets
- Standard weight range: 60-250 g/m<sup>2</sup> from all trays
- Extended weight range: 50-300\* g/m<sup>2</sup> 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 via media catalogue
- Automatic tray linking
- Paper trays refillable during printing
- Air separation in all trays
- Vacuum feed in all trays

### Standard 4 trays

- Trays 1 and 2: 600 sheets each
- Trays 3 and 4: 1,700 sheets each
- All trays support standard paper sizes:

### A4-A3, Letter - Ledger

- All trays ready for optional custom sizes (208 mm × 208 mm – 305 mm × 457 mm)

### 3 extra trays (optional)

- Total capacity of 4,000 sheets
- Tray 1: 600 sheets
- Trays 2 and 3: 1,700 sheets each
- All trays user configurable, A4-A3; Letter - Ledger
- All trays ready for optional custom sizes (208 mm × 208 mm – 305 mm × 457 mm)

### Dual paper trays (optional)

- Optional for all 1,700 sheet trays
- Increases capacity to 3,400 sheets
- Dual trays configurable for A4 / letter

## Production

### Monthly output

- Advised volume range 100,000 to 1,500,000 prints per month
- Peak volumes up to 2,500,000 prints per month

### Print speed

- 106 / 120 A4 / letter images per minute single and double-sided mode
- 51 / 51 A3 images per minute, single and double-sided mode

### Key features printing

- Waiting jobs and scheduled jobs queue support
- Print-while-RIP and optional Streaming PostScript/PDF support
- Transaction printing support using IPDS and PJP/PCL
- Océ DPLink for seamless integration into existing Xerox 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
- Reprint without rescan
- Editable job settings in waiting job queue
- Extensive page programming in driver

### Key features copying and scanning

- Subset scanning; job building
- 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

### Key features generic

- 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 (optional)

### Océ integrated High Capacity Stacker (iHCS)

- Collects 6,000 sheets (80 g/m<sup>2</sup>) in two stacks of 3,000 each
- Unloading while printing provides unlimited capacity

### Set Finisher (iHCS required)

- 3 bins with a total capacity of 4,000 sheets: A4/Letter
- Fixed stapling size of maximum 100

\* with Océ certified media



---

sheets

- Top tray for 500 sheets of all sizes supported

### Integrated Multi Format Stapler (iMFS)

- A3/Legal/Ledger corner or dual stapling
- Mixed format stapling (50 sheets)
- Stapled output capacity: 2,000 sheets

### Integrated Booklet Maker (iBLM)

- 1-20 sheets (80 g/m<sup>2</sup>) saddle-stitched
- Supports A4/A5/B4 booklets

### Integrated Exchangeable Die Punch (iXDP)

- Complete range of punch patterns
- Customer exchangeable dies
- Punching at full engine speed

### Output: online finishing

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

### 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 file

- Copy, scan and print jobs logged (numbers, media, staples, etc)

### Network connectivity

#### Standard controller

- Embedded controller with Celeron M2.0 technology

- 1 GB RAM
- 80 GB HDD

#### High End controller

- Embedded controller with Dual Core 2.2 technology

- 2 GB RAM
- 160 GB HDD

#### Languages

- Adobe® PostScript™ 3
- PDF 1.7
- PCL6 (optional)
- IPDS (optional)
- PJL/PCL5e (optional)

#### Network support

- LPR/LPD
- Socket
- SMB
- e-NDPS (optional)
- Ethernet UTP, via TCP/IP (10/100/1000 Mb/s auto detection)

#### Network management

- Web-enabled system administrator tool
- Web-enabled key operator tool
- SNMP supporting MIB II, Host Resources, Printer, Job monitor and management MIB

#### Driver

- Microsoft Windows 2000/XP®/Vista 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® /Vista
- PPD for MacOS® 8, 9 and 10.x
- Automated 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

- Automated 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 PRISMAaccess and

#### 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
  - Color 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)

2527 mm x 787 mm x 1237 mm

### Weight

Main engine: 585 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)
- 1 Watt in power-off mode
- No toner waste
- Low sound pressure in stand-by mode 38 dB(A)
- Low sound pressure in operation mode 63 dB(A)
- Product designed for future recycling
- EPA Energy Star®, FEMP, CE and 2002/95/EC compliant

## Other options

- Océ Scan Logic
- CCD interface for external copy control device
- Interface for external finishing equipment
- Operator status lamp



**Printing for  
Professionals**

For information and services, visit us at [www.oce.com](http://www.oce.com)

© 2008 Océ. Illustrations and specifications do not necessarily apply to products and services offered in each local market.

Technical specifications are subject to change without prior notice. All other trademarks are the property of their respective owners.