



# 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**

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