Efficient printing and copying in your production environment
Total productivity encompasses every aspect of your production print operation: throughput, reliability, quality, ease of use and flexibility to handle a wide range of applications. Designed to close the gap between light production and very-high-volume production, the Océ VarioPrint® 4110/4120 system allows you to enjoy productivity in your corporate printroom or commercial printshop like never before. Whatever type of documents you’re producing — hard copy, digital or mixed. Whatever media you’re using — tabbed, mixed stock, color inserts or custom sizes. And whatever your finishing requirements — stapled, punched, folded or booklets. Now you can leverage functions and productivity once available only with higher-volume machines.

Product highlights
- 106/120 ppm digital printer/scanner/copier
- Highly reliable document production
- Consistent image quality with unmatched grey scales
- Support for all media from all paper trays
- Media catalog
- Cold paper path for inserts from every tray
- Automatic quality optimization 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 optimization 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 via Océ Scan Logic
- Scan-to-archive via Océ Scan Logic
- Capacity: 75 sheets refillable during operation
- Océ Set Logic® for subset scanning (via ADF and/or glass plate)
- Scanning while printing

Scan speed
- 56 letter-sized originals per minute

Original sizes
- Minimum 5.5” x 8.5” (148 mm x 210 mm)
- Maximum 11” x 17” (297 mm x 432 mm)

Original weights
- 16 lb. - 32 lb. bond (60 g/m² - 120 g/m²)

User Interface
Intuitive touch-screen user interface for scan and copy job creation and job management.

Main views
- Scan and copy control
- Queue manager
- Job scheduler
- Tray manager
- Status overview
**Input paper trays**
- Standard 4 trays
- Total capacity: 4,600 sheets
- Total Maximum input: 15,400 sheets (letter)
- Standard weight range:
  - 60-250 g/m² from all trays
- Extended weight range:
  - 13 lb. bond-162 lb. index (50-300 g/m²)
- Standard sizes: letter, legal, ledger
- Tabs and post-process inserts from all trays
- Empty tray detection and paper level indication
- Automatic paper tray selection via media catalog
- 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
- All trays ready for optional custom sizes
  - 8” x 8” - 12” x 18”
  - (208 mm x 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 support standard paper sizes
- All trays ready for optional custom sizes
  - 8” x 8” - 12” x 18”
  - (208 mm x 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 letter only

**Production**
**Monthly output**
- Maximum volume up to 2,500,000 images per month

**Print speed**
- 106 / 120 letter images per minute single and double-sided mode
- 51 / 51 ledger 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 PJL/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 generic**
- 2-up and same up
- Booklet layout
- Media catalog, 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
- Operator status lamp

**Output: integrated finishing (optional)**

**Océ integrated High Capacity Stacker (iHCS)**
- Collects 6,000 sheets 20 lb. bond (80 g/m²) 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 (letter)
- Fixed stapling size of maximum 100 sheets
- Top tray for 500 sheets of all sizes supported

**Integrated Multi Format Stapler (iMFS)**
- Legal/ledger corner or dual stapling
- Mixed format stapling (50 sheets)
- Stapled output capacity: 2,000 sheets

**Integrated Booklet Maker (iBLM)**
- 1-20 sheets 20 lb. bond (80 g/m²) saddle-stitched (80 page book)
- Supports standard size booklets (letter, legal, ledger)
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 third parties:
  - binding
  - booklet making
  - 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 authorization table uploadable CSV file
- Copy, scan and print jobs logged (numbers, media, staples, etc)

Network connectivity

Standard controller

- Embedded controller with Intel™ Celeron M2.0 technology
- 1 GB RAM
- 80 GB HDD

High End controller

- Embedded controller with Intel™ Dual Core 2.2 technology
- 2 GB RAM
- 160 GB HDD

Languages

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

Network security

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

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
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 analog job acceptance
- Web-based job submission
- Importing and editing of scanned documents
- Merging of digital and analog 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

**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)
- EPA ENERGY STAR®, FEMP, CE and 2002/95/EC and RoHS compliant
- No Developer or Fuser Oil
- No Venting required
- Uses Non-Toxic Toner and bottles packaged in recyclable material
- Product designed for future recycling

**Physical characteristics**

**Dimensions (W x D x H)**
(engine and standard 4 tray cascade)
99.5” x 31” x 48.7”
(2,527 mm x 787 mm x 1,237 mm)

**Weight**
Main engine: 1,289.7 lbs (585 kg)

**Operating voltages**
- 208/ 240V, 60hz
  - 3 Phase, 30 A (L15-30R)
  - 3 Phase, 20 A (15-20R)
  - Single Phase, 30 A (L6-30R)
  - Single Phase, 30 A (14-30R)

**Power management**
- Auto off
- Sleep mode
- Low power mode
- Auto wake-up

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