Works for you

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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 Prémia Class 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 Prémia Class is the ideal printing system for universities, schools, libraries, public services and printshops.

Product highlights

- Multifunctional 85 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
- 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 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
- Tray locking

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

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 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
- Stapling during printing possible
- Maximum set size 70 sheets

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
- 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

Options

- e-NDPS
- CCD interface for external copy control device
- Interface for external finishing equipment
- e-shredding
- Integrated booklet maker (iBLM)

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Printing for Professionals