

Océ TDS450

System data



Océ TDS450

Masters monochrome, ready for colour

Océ TDS450 printer technology

<i>Printing technology</i>	Electrophotography (LED) with Organic Photoconductor drum
<i>Resolution</i>	600 dpi
<i>Print optimisation</i>	User specified print optimisation modes: Lines&text for excellent line accuracy; Standard for excellent lines plus smooth grays; Poster for excellent grays and smooth solid fills
<i>Fusing technology</i>	Océ Radiant Fusing, instant heating
<i>Toner system</i>	Clean closed toner system, refill while printing

Throughput

<i>Speed</i>	Constant 3 linear meters p/min or 2Ao p/min in all print modes
<i>Warm-up time</i>	None, instant behaviour
<i>Paper path</i>	Optimised, continuous printing speed when printing jobs from different rolls

Océ TDS450 printer



Document delivery

- Standard: integrated tray, no extra footprint, delivery at the front
- Optional with 2 rolls version: integrated Compact Output Stacker for up to 100 prints neatly stacked with no extra footprint, delivery at the front

Océ TDS450 System data

Media

<i>Media sources</i>	Choice of 1 or 2 rolls plus manual feed
<i>Media capacity</i>	Up to 175 meters per roll (75gr/m ² paper) with automatic switch when roll empty
<i>Media widths</i>	Roll widths 297 mm - 914mm
<i>Media types</i>	Plain, transparent, recycled, fluorescent and coloured paper, films and vellums. Up to 110gr/m ²
<i>Media trimming</i>	Closed system protects cutting device
<i>Output sizes</i>	From A3 to Ao and 36", up to 15 meters long



Environment

<i>Dimensions</i>	1352 mm (W) × 899 mm (D) × 1251 mm (H)
<i>Weight</i>	175 Kg (1 roll version), 185 Kg (2 roll version)
<i>Mains supply</i>	100/120/230 V, 50/60 Hz
<i>Power consumption</i>	EPA Energy Star® compliant, sleep mode 6 W, standby 28 W, operating 1340 W
<i>Sound pressure</i>	Sleep mode 0 dB(A), standby 24 dB(A), operating 54 dB(A) according to EN 7779 operator position

Océ TDS450 scanner

<i>Scanning technology</i>	Océ's patented Direct Scan colour technology, illuminating the original for accurate colours over long periods of time (innovative light source), eliminating risks of distortion (single mirror) and ensuring colour consistency and sharpness (single high resolution reduction type camera)
<i>Resolution</i>	575 dpi (optical), up to 600 dpi (interpolated)
<i>Copy and scan modes</i>	Lines&text, Greys&lines, Dark original, B&W and Grey
<i>B&W and Grey (standard)</i>	Blueprint, Transparent and Photo
<i>Scan modes (option)</i>	Colour



Océ TDS450 scanner

Scanner user interface

- Intuitive and multilanguage
 - 5 user defined templates for copying
 - 5 user defined templates for scan-to-file
- This means more complex jobs can be performed at the touch of a single button.

Camera

Single 3 colour linear CCD, 21360 pixels per colour line, 24 bits colour

Scanner panel

Can be positioned as needed



Océ TDS450 scanner user interface

Throughput

<i>Scan/copy speed (standard)</i>	B&W 3 meters/min or 2 inch/sec Greyscale & colour (option) 1 meter/min or 0.7 inch/sec constant in all scanning modes
<i>Warm-up time</i>	None, instant behaviour even for colour scanning
<i>Output reception</i>	Automatic rewinding or Integrated delivery tray, no extra footprint
<i>Copying behaviour</i>	No user intervention with automatic width detection and roll selection
<i>Size recognition</i>	Accurate digital automatic width detection, indication on scanner panel of the exact measured width.

Océ TDS450 System data

Concurrency Continuous feeding of copy jobs and scan jobs during printing of copy jobs and print jobs.
Pre-programming of next job.

Original

Original feed Face-down, right aligned. Automatic feed off/on
Original sizes Image width: 200 - 914 mm, original width:
200-1016 mm, original length: 200 mm-15 m
Maximum thickness Up to 3 mm

Imaging

Image processing Océ's patented Image Logic® technology in 4 steps converting RGB data into 256 grey scales, removing unwanted background, sharpening text, enhancing weak information and ensuring smooth gradients.

Exposure control Automatic, manual fine adjustment, background compensation on/off

Reproduction scale Custom zoom 10-1000%, adjustable in 0.1% steps. Auto zoom to standard paper formats.

Scan accuracy 0.1% +/- 1 pixel

1:1 accuracy for Below 0.3%

Ao original

Image editing Image shift, align, mirror, crop, delete area

Copy stamping (optional)

- Stamp content: free text, date and time
- Number: up to 50 user defined stamps
- Selection: from comprehensive list on scanner panel

Colour space (Scan-to-file option) Accurate sRGB

Functions

Multi-copy mode: 1 - 999 copies

Input modes Single sheet, Set collated or not

Set memory Up to 999 copies from a set of up to 2,400 Ao originals

Output roll Manual or automatic selection with user defined criteria

Output edges Leading and trailing edge adjustments. Standard cut and synchro cut modes.

Environment

Dimensions 1300 mm (W) × 650 mm (D) × 1050 mm (H) / 1300 mm (H) incl. operator panel

Weight 70 Kg

Mains supply 100-230 V, 50-60 Hz

Power consumption EPA Energy Star® compliant, sleep mode 5 W, standby 18 W, operating 105 W

Sound pressure Sleep mode 0 dB(A), standby 23 dB(A), operating 50 dB(A) according to EN 7779 operator position

Océ Power Logic® controller

Platform Océ controller with Windows® XP embedded

Concurrency

- Print and scan simultaneously
- Print and copy simultaneously
- Scan and copy simultaneously
- Process next jobs during printing

Hard disk capacity 2 × 80 GB high speed hard disk dedicated to file spooling and set memory

File formats

- Up to 999 copies of set of up to 2,400 Ao
- Send once, process once, print many

HPGL, HPGL2, Calcomp 906/907/951
HPRTL, TIFF 6.0, CALS1, NIRS, C4, ASCII, optional Adobe® PostScript® 3™/PDF

Memory 1024Mb

Interface Ethernet 100/10 Mbits/s with RJ45

Network protocols TCP/IP, NetBEUI (smb), Novell (IPX/SPX), FTP, LPD Other protocols supported through an external print server

Functions

- Multiple prints: up to 999
- Automatic file format sensing
- Automatic roll selection and switching
- Plot manipulation: auto positioning, rotation, auto scaling
- Pen management
- Auto rotate production mode for faster printing

Power consumption Controller: 62.5 W

Flat screen monitor Sleep mode 2 W, operating 16 W

Océ Remote applications

Local and remote user communication system

Océ Queue Manager

- View status of print and copy jobs
- View number of sets and number of pages per set for each job
- Manage print and copy jobs: hold, resume, delete, move to top
- Inbox for easy release at point of printing
- History queue for reprint of print jobs and copy jobs (number of copies can be modified)
- Four levels of user rights (password protected)

Océ System Control Panel View status of system components: printer, scanner, controller, memory

Océ Settings Editor Customise and optimise the workflow by editing and saving defaults settings.



Océ TDS450 System data

Supported operating systems Windows 95, 98, Me, 2000, NT4.0 SP3 and XP. On any other platform and operating system supporting Java 1.1.8 or higher

Océ Scan Logic®

Océ Scan Logic is an optional scan-to-file software suite for the Océ TDS450 multifunctional system

Applications Océ Scan Manager, integrated scanning solution and Océ View Station LT for viewing at point of scanning

Scan destinations

- 10 programmable destinations directly selectable from scanner panel
- Scan to Web using FTP
- Scan to network directory
- Scan to controller

Scan technology Océ Colour Image Logic intelligent image processing for B&W, Greys and full colour with up to 6 special original modes for "right first time" results

Resolution Selectable from 72 up to 600 dpi

Data formats TIFF (uncompressed, Packbits, G3, G4 and LZW), PDF (uncompressed, Flate, LZW and G4), CALS

Scan modes Single scan, stream feed productive batch scanning with or without check plots

File naming Automatically generates unique file names for each scan. Change file name at point of scanning.

User interface 5 User defined job templates enabling different scan jobs to be performed at the touch of a single button directly from the scanner panel

Viewing View scans at point of scanning. Making use of a streaming technology particularly productive for viewing scanned documents in colour (no file size limitation)

Minimum requirements Graphical user interface on Océ Power Logic controller

Options Océ View station for editing and enhancement of scanned documents on remote PCs

Océ Batch Processor for automated editing and enhancement of batches of scanned documents on remote PCs

Océ High Speed Logic

Océ High Speed Logic is an optional enabling faster input speeds

Speed in B&W mode Maximum 5 meters per min. at resolution up to 200 dpi

Speed in Greys and colour Maximum 4 meters per min at resolution up to 150 dpi

Océ Colour Logic

Océ Colour Logic is an optional enabling, in combination with the Scan Logic option, to Scan-to-file in colour

Colour space Accurate sRGB

Océ Account Center

Océ Account Center is an optional software application that enforces the users to enter valid accounting information before printing, copying and scanning to the Océ TDS450. Cost can then be allocated to the appropriate users, departments and projects.

Functions

- Printer and scanner lock out
- Customised accounting fields
- Alphanumeric account input
- Open to third party accounting software solutions

Océ Print Exec® Workgroup

Océ Print Exec Workgroup is a powerful, smart and efficient web-based optional software application for printing sets in workgroup environments

Functions

- Backchannel printer status information
- Stamping
- Set up different print configurations (i.e. store and select predefined print settings)
- Banner page
- Previewing
- Save and recall print jobs
- Reprint jobs

Drivers and job-submission software

Océ HDI driver For AutoCAD (LT) 2000, 2000i, 2002, 2004, 2005 and 2006

Océ Windows driver

- Windows 2000, XP, Windows Server 2003, Windows Terminal Server, Citrix Metaframe
- Optimised for AutoCAD
- Microsoft signature



Océ TDS450 System data

<i>Océ Adobe PostScript® 3 drivers</i>	Windows 2000, XP, Windows Server 2003 and Mac OS9 and OSX
<i>Océ Print Exec® Workgroup LT (standard)</i>	Web-based software application for easy printing of collated sets of up to 10 documents. Includes online viewing of printer status and queue.

Copy delivery tray (optional)

<i>Model</i>	Wheeled delivery tray with blower unit
<i>Capacity</i>	Up to 150 sheets (media type dependent) from A3 to Ao/E+
<i>Power consumption</i>	<40 W
<i>Electrical requirements</i>	120/230 V, 50/60 Hz
<i>Dimensions</i>	1,170 mm (W) × 1,440 mm (D) × 1,090 mm (H) with tray fully extended
<i>Weight</i>	35.5 kg



Océ TDS450
Copy delivery
tray

Working environment

<i>Safety approvals</i>	TUV GS, CETECOM, CE, Complies with Directive 89/336/EEC and FCC rules and regulations, part 15 Class A, (c) UL Scanner partly complies with US federal section 508 (wheel chair users, color blind and those who cannot hear and/or speak)
<i>Power consumption</i>	EPA Energy Star compliant on printer, scanner and multifunctional configurations
<i>Ozone emission</i>	<0.001 ppm on average, 0.005 at peak production (see Safety Data Sheets for more details)
<i>Sound pressure</i>	Maximum 54 dB(A) operating
<i>User languages</i>	Switch on the spot between 2 preferred languages amongst 18 supported languages



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Printing for
Professionals

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