

Océ TDS450 Specifications

System data



Océ TDS450

Masters monochrome, ready for color

Océ TDS450 Printer Technology

| | |
|----------------------------|---|
| <i>Printing technology</i> | Electrophotography (LED) with Organic photoconductor |
| <i>Resolution</i> | 600 dpi |
| <i>Print optimization</i> | User specified print optimization modes: Lines & text, Standard, and Poster |
| <i>Fusing technology</i> | Océ Radiant Fusing, instant-on |
| <i>Toner system</i> | Clean closed toner system, refill while printing |

Throughput

| | |
|---------------------|--|
| <i>Speed</i> | Constant 10 lin. ft/min., or 2 "E" size/min. in all print modes |
| <i>Warm-up time</i> | None, instant-on |
| <i>Paper path</i> | Optimized, continuous printing speed when printing jobs from different rolls |

Media

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|-----------------------|--|
| <i>Media sources</i> | Choice of 1 or 2 rolls plus manual feed 2 roll version includes integrated stacker for up to 100 prints |
| <i>Media capacity</i> | Up to 500 feet per roll with automatic roll switch |
| <i>Media widths</i> | Roll widths 11.5" - 36" |
| <i>Media types</i> | Plain, transparent, recycled; fluorescent and colored paper, films and vellums |
| <i>Output sizes</i> | From "B" to "E" and 36", up to 49 ft. long |

Océ TDS450 printer



Environment

| | |
|---------------------------|---|
| <i>Dimensions</i> | 53.5" (W) x 40"(D) x 50"(H) |
| <i>Weight</i> | Approx. 386 lbs. (1 roll version,) 408 lbs. (2 roll version) |
| <i>Mains Supply</i> | 100/120/230V, 60Hz |
| <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 2.4 dB(A), operating 54 dB(A) according to EN 7779 operator position |
| <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 |
| <i>Ozone emission</i> | < 0.001 ppm on average; 0.005 ppm at peak production |
| <i>User languages</i> | Switch on the spot between 2 preferred languages among 18 supported languages |

Océ TDS450 System data

Océ TDS450 scanner

| | |
|----------------------------|--|
| <i>Scanning technology</i> | Océ's patented Direct Scan color technology <ul style="list-style-type: none"> ■ Innovative light source - accurate colors ■ Single mirror - eliminating risk of distortion ■ High resolution reduction camera - ensuring color consistency and sharpness |
| <i>Resolution</i> | 575 dpi (optical) Up to 600 dpi (interpolated) |
| <i>Copy and scan modes</i> | Lines & text, Grays & lines, Dark original, B&W and Gray |
| <i>(standard)</i> | Blueprint, Transparent and Photo |
| <i>Scan modes (option)</i> | Color |



Océ TDS450 scanner

| | |
|-------------------------------|---|
| <i>Scanner user interface</i> | <ul style="list-style-type: none"> ■ Intuitive and multi-language ■ 5 user defined templates for copying ■ 5 user defined templates for scan-to-file |
| <i>Camera</i> | Single, 3 color linear CCD, 21360 pixels per color line, 24 bits color |

Océ TDS450 scanner user interface



Throughput

| | |
|------------------------------------|---|
| <i>Scan/copy speed (Standard)</i> | B&W- 10 lin. ft./min. or 2 "E" size/min. Grayscale & color (option) 3.5 lin. ft./min. constant in all scanning modes |
| <i>High Speed Logic (optional)</i> | B&W - maximum 16.4 lin ft/min at resolution up to 200 dpi Grays & Color - maximum 13.1 lin ft./min at resolution up to 150 dpi |
| <i>Warm-up time</i> | None, instant on even for color scanning |
| <i>Output reception</i> | Automatic rewinding or integrated delivery tray, no extra footprint |
| <i>Copying behavior</i> | No user intervention with automatic width detection and roll selection |
| <i>Concurrency</i> | Continuous feeding of copy jobs and scan jobs, pre-programming of next job. |

Original

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|-----------------------|---|
| <i>Original feed</i> | Face-down, right aligned. Automatic feed off/on |
| <i>Original sizes</i> | Image width: 8" - 36", original width: 8" - 40", original length: 8" - 49 ft. |

Imaging

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|---------------------------|---|
| <i>Image processing</i> | Océ patented Image Logic® technology in 4 steps converting RGB data into 256 gray scales, removing unwanted background, sharpening text, enhancing weak information and ensuring smooth gradients |
| <i>Exposure control</i> | Automatic, manual fine adjustment, background compensation on/off |
| <i>Reproduction scale</i> | Custom zoom 10-1000%, adjustable in 0.1% steps. Auto zoom to standard paper formats. |
| <i>Accuracy</i> | 0.1% +/- 1 pixel Below < 0.3% |

1:1 accuracy for "E" original

| | |
|---------------------------------|--|
| <i>Image editing</i> | Image shift, align, mirror, crop, delete area |
| <i>Copy stamping (optional)</i> | Copy stamping easily adds stamps to any copied documents |
| <i>Color space</i> | Accurate sRGB |

(Scan-to-file option)

Functions

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|------------------------|---|
| <i>Multi-copy mode</i> | 1-999 copies |
| <i>Input modes</i> | Single, Set collated, Multiple sheets |
| <i>Set memory</i> | Up to 999 copies from a set of up to 2,400 "E"-size originals |
| <i>Output roll</i> | Manual or automatic selection with user defined criteria |

Océ TDS450 System data

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

Environment

Dimensions 51.2" (W) x 25.6"(D) x 41.3"(H)
incl. operator panel

Weight 154 lbs.

Mains Supply 100-230V, 50-60Hz

Power consumption Sleep mode 5 W, standby, 18 W, operating 105W

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, copy, scan simultaneously
- Process next jobs during printing

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

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

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

Memory 1 Gb

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

Functionality

- 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 at 16 W

Océ Remote Applications

Local and remote user communication system

Océ Queue Manager

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

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

Control Panel

Océ Settings Editor Customize and optimize the workflow by editing and saving defaults settings.

Supported operating systems Windows 98, Me, 2000, NT4.0 SP3 and XP. Platforms 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 Multifunction systems

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

Scan destinations

- Ten programmable destinations selectable from scanner panel
- Scan to Web via FTP
- Scan to network directory
- Scan to controller

Scan technology Océ Color Image Logic intelligent image processing for B&W, Grays, and full color with up to 6 special original modes.

Resolution Selectable from 72 up to 600 dpi

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

Scan Modes Single scan, stream feed productive batch scanning with or without checkplot

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

User interface 5 User defined job templates

Viewing View scans (color or B&W) at point of scanning

Minimum requirements Graphical user interface on Océ Power Logic controller

