

# 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

<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"> <li>■ Innovative light source - accurate colors</li> <li>■ Single mirror - eliminating risk of distortion</li> <li>■ High resolution reduction camera - ensuring color consistency and sharpness</li> </ul>
<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"> <li>■ Intuitive and multi-language</li> <li>■ 5 user defined templates for copying</li> <li>■ 5 user defined templates for scan-to-file</li> </ul>
<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

<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

<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

<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

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*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  
1 Gb

*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

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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* View status of system components: printer,  
scanner, controller, memory

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

*Supported operating* Windows 98, Me, 2000, NT4.0 SP3  
*systems* and XP. Platforms and operating system  
supporting Java 1.1.8 or higher

## Océ Scan Logic®

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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* Graphical user interface on Océ Power Logic  
*requirements* controller

