

# Océ TCS500 Specifications

## System Data



## Océ TCS500 color print, copy and scan system

*Professional color, highly productive*

### Océ TCS500 print engine

<i>Technology</i>	Multi printhead thermal inkjet
<i>Printheads</i>	9 semi-permanent printheads with 640 nozzles each (3× Black, 2× CMY)
<i>True resolution</i>	600 × 600 dpi
<i>Minimum pen thickness</i>	0.003"
<i>Ink</i>	<ul style="list-style-type: none"><li>■ Black ink: Pigment based</li><li>■ Cyan, Magenta, Yellow: Dye based</li></ul>
<i>Size of ink tanks</i>	200 ml and 400 ml for CMY, 400 ml for black
<i>Ink level monitoring</i>	<ul style="list-style-type: none"><li>■ Ink level indication in %</li><li>■ Out of ink signaling</li></ul>
<i>Calibration</i>	<ul style="list-style-type: none"><li>■ Automatic print head alignment</li><li>■ Failing nozzle compensation</li><li>■ Unattended printing in the overnight mode</li></ul>
<i>Maximum throughput</i>	<ul style="list-style-type: none"><li>■ Color 60 sec./E size</li><li>■ B&amp;W 40 sec./E size</li></ul>
<i>Color modes</i>	B&W/Grayscale, Color
<i>Document delivery options</i>	<ul style="list-style-type: none"><li>■ Front-accessible receiving tray</li><li>■ Copy receiving rack (positioned at the back side of the print engine)</li></ul>
<i>Quality modes</i>	<ul style="list-style-type: none"><li>■ Check, Release, Presentation</li></ul>

- Dynamic Switching technology in Release mode: automatically optimize the print quality and print speed when printing lines, text, and images on the same page.
- Convenient Color Management to provide full control of color output. Easy selectable options to emulate other inkjet devices. Enhanced sRGB and Adobe RGB printing for RGB data and Euroscale coated and uncoated, U.S. web coated (SWOP) and uncoated for CMYK data. CAD color option delivering strong CAD color lines for drawings.

*Dimensions (h×w×d)* 58" × 77" × 41"

*Weight* 364 lb.-397 lb.

*Electrical requirements* 100/120/230 Volt 50/60 Hz

*Power consumption*

- EPA-sleep mode 59 W

- Standby 158 W

- Run 205 W

*Noise level*

- =< 44 dB (A) standby

- =< 65 dB (A) printing

*Safety approvals* CE-compliance, TÜV-GS (IEC60950), UL, Cul (according to standard CAN/CSA-C22.2 No 60950),

CB Compliance with EN 60950

*Other* Energy Star compliant



# Océ TCS500 specifications

## Media

<i>Media sources</i>	1, 2 or 3 front loadable rolls	
<i>Roll selection &amp; switching</i>	Manual, Automatic	
<i>Media core size</i>	2"	
<i>Media types</i>	<ul style="list-style-type: none"> <li>■ Uncoated (17-24#)</li> <li>■ Coated (24#)</li> <li>■ Translucent bond (18#)</li> <li>■ Polyester films (3-4 mil)</li> <li>■ Photo gloss (28-50#)</li> </ul>	
<i>Media sizes</i>	Minimum	Maximum
	■ Width 11"	36"
	■ Length 8.5"	197"*
	*Printing longer lengths possible but might influence side margins	
<i>Width detection</i>	Automatic	
<i>Maximum roll length</i>	300 ft.	
<i>Margins</i>	<ul style="list-style-type: none"> <li>■ Leading and trailing strip: 0.2"</li> <li>■ Left and right sides: 0.1"</li> </ul>	
<i>Cut length</i>	Standard, synchro or user defined	
<i>Supported media formats</i>	DIN, ANSI, ARCHI	

## Océ TCS500 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>	Up to 600 dpi (interpolated)
<i>Copy and scan modes</i>	Monochrome—Lines & text, Grays & lines, Dark original, Blueprint, Transparent and Photo Color—Lines & text, Artwork, Map, and Photo
<i>Scanner user interface</i>	<ul style="list-style-type: none"> <li>■ Intuitive and multi-language</li> <li>■ Five user defined templates for copying</li> <li>■ Five 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

## Throughput

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

## 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>Scan technology</i>	Océ Color Image Logic intelligent image processing for B&W, Grays and full color for "right first time" results
<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
<i>1:1 accuracy for E original</i>	Below 0.3%
<i>Image editing</i>	Image shift, align, mirror, crop, delete area
<i>Color space (Scan-to-file option)</i>	Accurate sRGB
<b>Functions</b>	
<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
<i>Output edges</i>	Leading and trailing edge adjustments. Standard cut and synchro cut modes.
<b>Environment</b>	
<i>Dimensions</i>	51.2" (W) × 25.6" (D) × 41.3" (H) incl. operator panel
<i>Weight</i>	154 lbs.
<i>Mains Supply</i>	100–230V, 50–60Hz
<i>Power consumption</i>	Sleep mode 5 W, standby 18 W, operating 105 W
<i>Sound pressure</i>	Sleep mode 0 dB(A), standby 23 dB(A), operating 50 dB(A) according to EN 7779 operator position

### **Océ Power Logic® controller**

<i>Platform</i>	Océ controller with embedded Windows® XP
<i>Memory</i>	512 MB standard, expandable to 1024 MB
<i>Hard disk capacity</i>	80 GB
<i>Graphic User Interface</i>	Optional: keyboard, mouse and monitor
<i>Power consumption</i>	<ul style="list-style-type: none"> <li>■ Run 87 W</li> <li>■ Idle 67 W</li> <li>■ Off 3.1 W</li> </ul>
<i>Electrical requirements</i>	120/230 V, 50/60 Hz
<i>Standard interface</i>	RJ45
<i>Network</i>	Ethernet 10/100baseT
<i>Network protocol</i>	TCP/IP, IPX/SPX
<i>Printing protocol</i>	LPR/LPD/LPQ/LPRM, Pserver (Novell®) 3.x/4.x/5.x, FTP
<i>Language sensing</i>	Automatic
<i>File formats</i>	<ul style="list-style-type: none"> <li>■ Vector: HP-GL, HP-GL/2, Calcomp</li> <li>■ Raster: HP-RTL, TIFF 6.0, CALS, C4, NIRS/NIFF</li> <li>■ (optional) Adobe® Postscript 3 / PDF-printing</li> </ul>
<i>Concurrency</i>	<ul style="list-style-type: none"> <li>■ Print and scan simultaneously</li> <li>■ Print and copy simultaneously</li> <li>■ Scan and copy simultaneously</li> <li>■ Process next jobs during printing</li> </ul>
<i>Number of prints</i>	1–999
<i>Plot manipulation</i>	<ul style="list-style-type: none"> <li>■ (Auto) Rotation, auto-scaling, positioning</li> <li>■ Pen management</li> <li>■ Leading and trailing strip adjustment (add or remove up to 15.7"), horizontal mirroring</li> </ul>

### **Drivers and job submission**

#### **Drivers**

<i>WPD</i>	Windows 2000, Windows XP, Windows Server2003, Windows Terminal Server, Citrix® Metaframe
<i>HDI</i>	AutoCAD® 2000, 2000i, 2002, 2004, 2005, 2006 (on all supported platforms)
<i>Océ Adobe PostScript 3 (optional)</i>	Windows 2000, Windows XP, Windows Server2003, Mac® OS9 and OSX
<i>Job submission</i>	Océ Print Exec® Workgroup LT software: powerful web based software application for easy printing of collated sets of documents

### **Océ remote applications**

#### **Local and remote user communication system**

<i>Océ Queue Manager</i>	<ul style="list-style-type: none"> <li>■ Possible to change settings of printed jobs and jobs on hold</li> <li>■ View status of jobs</li> <li>■ View number of sets and number of pages per set for each job</li> <li>■ Manage jobs: hold, resume, delete, move to top</li> <li>■ Inbox for release by operator or remote user</li> <li>■ History queue for reprint of jobs</li> <li>■ Four levels of user rights (password protected)</li> </ul>
<i>Océ System Control Panel</i>	View status of system components: printer, controller, memory
<i>Océ Settings Editor</i>	<ul style="list-style-type: none"> <li>■ Customize and optimize the workflow by editing and saving default settings.</li> <li>■ Separate settings for different users levels</li> </ul>

### **Océ Scan Logic® software (optional)**

#### **Scan-to-file software for the Océ TCS500 multifunctional system**

<i>Applications</i>	Océ Scan Manager, integrated scanning solution and Océ View Station LT for viewing at point of scanning
<i>Scan destinations</i>	<ul style="list-style-type: none"> <li>■ 10 programmable destinations directly selectable from scanner panel</li> <li>■ Scan to Web using FTP</li> <li>■ Scan to network directory</li> <li>■ Scan to controller</li> </ul>



<i>Data formats</i>	TIFF (uncompressed, Packbits, G3, G4 and LZW), PDF (uncompressed, Flate, LZW and G4), CALS
<i>File naming</i>	Automatically generates unique file names for each scan. Change file name at point of scanning.
<i>Viewing</i>	View scans at point of scanning, making use of a streaming technology particularly productive for viewing scanned documents in color
<i>Minimum requirements</i>	Graphical user interface on Océ Power Logic controller
<i>Options</i>	<ul style="list-style-type: none"> <li>■ Océ View Station for editing and enhancement of scanned documents on remote PCs</li> <li>■ Océ Batch Processor for automated editing and enhancement of batches of scanned documents on remote PCs</li> </ul>

### **Océ Print Exec® Workgroup software (optional)**

**Smart and efficient web based software application for printing single files or sets of files.**

- Functions*
- Create, send, store and load sets of files to be printed
  - Define up to 50 configurations to easily apply document print settings
  - Back channel communication with printer status, validate action of new print job and view status of pending jobs
  - Configurable stamps
  - Banner page
  - Previewing with powerful zoom option
  - Available in 18 languages

### **Océ Account Center (optional)**

**Software application that enforces the users to enter valid accounting information before printing to the Océ TCS500. Cost can then be allocated to the appropriate users, departments and projects.**

- Functions*
- Printer lock out
  - Customized accounting fields
  - Alphanumeric account input
  - Open to third party accounting software solutions



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## **Océ North America, Inc.**

### **Océ Wide Format Printing Systems**

5450 North Cumberland Avenue  
Chicago, Illinois 60656  
1-800-714-4427  
1-773-714-4076  
Fax 1-773-714-4056  
www.oceusa.com  
email: info@oceusa.com

### **Océ-Canada Inc.**

4711 Yonge Street, Suite 1100  
Toronto, Ontario, M2N 6K8  
Canada  
1-800-668-1945  
Fax 1-416-224-5778  
email: info@oce.ca

### **Océ Mexico S.A. de C.V.**

Ave. Pol. Paseo de la Reforma  
No. 1236 Piso 4  
Col. Sante Fe  
Delegación Cuajimalpa  
México, D.F. 05348  
México  
52-55-5089-8700

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