

Océ TCS500 Printer

System data



Océ TCS500 Printer

Professional colour, highly productive

Océ TCS500 print engine

<i>Technology</i>	■ Multi printhead thermal inkjet
<i>Printheads</i>	■ 9 semi-permanent printheads with 640 nozzles each (3x Black, 2x Cyan, 2x Magenta, 2x Yellow)
<i>True resolution</i>	■ 600 x 600 dpi
<i>Minimum pen thickness</i>	■ 0,080 mm
<i>Ink</i>	■ Black ink: Pigment based ■ Cyan, Magenta, Yellow: Dye based
<i>Size of ink tanks</i>	■ 200 ml and 400 ml for all colours
<i>Ink level monitoring</i>	■ Ink level indication in % ■ Out of ink signaling
<i>Calibration</i>	■ Automatic print head alignment ■ Failing nozzle compensation ■ Unattended printing in the overnight mode
<i>Maximum throughput</i>	■ B&W 41 sec/Ao ■ Colour 63 sec/Ao
<i>Colour modes</i>	■ B&W/Grey scale, Colour

Quality modes

- Check, Release, Presentation
- Dynamic Switching Technology in Release mode: analyses each plot and chooses for each part of the plot the optimal print strategy. To deliver good quality prints without sacrificing productivity
- Convenient Colour Management to get the expected colours. Easy selectable options to simulate other inkjet devices. Enhanced sRGB and Adobe RGB printing for RGB data and Euroscale coated and uncoated, US web coated (SWOP) and uncoated for CMYK data. CAD colour option to conserve pure CAD colours

Document delivery options

- Front-accessible slide
- Copy receiving rack at back
- In-line folder



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Media

<i>Media sources</i>	■ 1, 2 or 3 easy front loadable rolls									
<i>Roll selection & switching</i>	■ Manual, Automatic									
<i>Media core size</i>	■ 2 "									
<i>Media types</i>	■ Uncoated (56 - 90 gr/m ²) ■ Coated (85 - 120 gr/m ²) ■ Transparent paper (90 - 112 gr/m ²) ■ Polyester films (90 - 120 micron) ■ Photo Gloss (120 - 175 gr/m ²)									
<i>Media sizes</i>	<table><thead><tr><th></th><th>Minimal</th><th>Maximal</th></tr></thead><tbody><tr><td>■ Width</td><td>297 mm</td><td>914 mm</td></tr><tr><td>■ Length</td><td>200 mm</td><td>5000 mm</td></tr></tbody></table> <p>Footnote: Printing longer lengths possible but might influence side margins</p>		Minimal	Maximal	■ Width	297 mm	914 mm	■ Length	200 mm	5000 mm
	Minimal	Maximal								
■ Width	297 mm	914 mm								
■ Length	200 mm	5000 mm								
<i>Width detection</i>	■ Automatic									
<i>Maximum roll length</i>	■ 120 meter									
<i>Margins</i>	■ Leading & trailing strip: 5 mm ■ Left & right sides: 3 mm									
<i>Cut length</i>	■ Standard, synchro or user defined									
<i>Supported media formats</i>	■ DIN, ANSI, ARCHI									

Environment print engine

<i>Dimensions (h x w x d)</i>	■ 1465 mm x 1958 mm x 1034 mm
<i>Weight</i>	■ 165 - 180 kg
<i>Electrical requirements</i>	■ 100/120/230 Volt 50/60 Hz
<i>Power consumption</i>	■ EPA-sleep mode 59 W ■ Standby 158 W ■ Run 205 W
<i>Noise level</i>	■ =< 44 dB (A) standby ■ =< 65 dB (A) printing
<i>Safety approvals</i>	■ CE-compliance, TÜV-GS (IEC60950), UL, Cul (according to standard CAN/CSA-C22.2 No 60950), CB Compliance with EN 60950
<i>Other</i>	■ Energy Star compliant

Océ Power Logic® Controller

<i>Platform</i>	■ Océ controller with embedded Windows XP
<i>Memory</i>	■ 512 Mb, 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>	■ Run 79 W ■ Idle 58 W ■ Off 2.9 W
<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>	■ Vector: HP-GL, HP-GL/2, Calcomp ■ Raster: HP-RTL, TIFF 6.0, CALS, C4, NIRS/NIFF ■ (optional) Adobe Postscript 3 /PDF-printing
<i>Core functionality</i>	■ Concurrent receiving, processing and printing of jobs
<i>Number of prints</i>	■ 1 - 999
<i>Plot manipulation</i>	■ (Auto) Rotation, auto-scaling, positioning ■ Pen management ■ Leading and trailing strip adjustment (add or remove up to 400 mm), horizontal mirroring

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</i>	■ Windows 2000, Windows XP, Windows Server2003, Mac OS9 and OSX
<i>Job submission</i>	■ Océ Print Exec Workgroup LT, 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>	■ View status of jobs ■ View number of sets and number of pages per set for each job ■ Manage jobs: hold, resume, delete, move to top ■ Possible to change settings of printed jobs and jobs on hold ■ Inbox for release by operator or remote user ■ History queue for reprint of jobs ■ Four levels of user rights (password protected)
<i>Océ System Control Panel</i>	■ View status of system components: printer, controller, memory
<i>Océ Settings Editor</i>	■ Customise and optimise the workflow by editing and saving default settings. ■ Dedicated settings for different users levels



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Océ Print Exec® Workgroup

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, validation 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
 - Customised accounting fields
 - Alphanumeric account input
 - Open to third party accounting software solutions


Authorised Developer



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Printing for
Professionals

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