

# Océ TCS500 Multifunctional

## System data



## Océ TCS500 Multifunctional

*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 &amp; switching</i>	■ Manual, Automatic									
<i>Media core size</i>	■ 2 "									
<i>Media types</i>	■ Uncoated (56 - 90 gr/m <sup>2</sup> ) ■ Coated (85 - 120 gr/m <sup>2</sup> ) ■ Transparent paper (90 - 112 gr/m <sup>2</sup> ) ■ Polyester films (90 - 120 micron) ■ Photo Gloss (120 - 175 gr/m <sup>2</sup> )									
<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 TCS500 scan engine

<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>Camera</i>	■ Single 3 colour linear CCD, 21360 pixels per colour line, 24 bits colour
<i>Speed</i>	■ B&W 3 m/min (equals 2 inch/s) ■ Colour 1 m/min (equals 0,7 inch/s) at all scanning resolutions up to 600 dpi
<i>Optional Speed Upgrade</i>	■ B&W 5 m/min (equals 3,3 inch/s) ■ Colour 4 m/min (equals 2,7 inch/s) at lower resolutions
<i>Scan accuracy</i>	■ 0.1% +/- 1 pixel
<i>1:1 accuracy for Ao original</i>	■ Below 0.3%
<i>Warm-up time</i>	■ None, instant behaviour even for colour scanning
<i>Scanner user interface</i>	■ Intuitive and multilanguage support ■ Up to 5 user defined templates for copying ■ Up to user defined templates for scan-to-file This means even complex jobs can be performed at the touch of a single button.
<i>Copy and scan modes</i>	■ Monochrome: Lines&text, Greys&lines, Dark original, B&W and Grey Blueprint, Transparent and Photo ■ Colour: Lines&text, Artwork, Map, Photo
<i>Input modes</i>	■ Single sheet, Set collated or not collated
<i>Set memory</i>	■ Up to 999 copies from a set of up to 2,400 Ao 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.
<i>Reproduction scale</i>	■ Custom zoom 10-1000%, adjustable in 0.1% steps. Auto zoom to standard paper formats.
<i>Image editing</i>	■ Image shift, align, mirror, crop, delete area

## Originals

<i>Size recognition</i>	■ Accurate digital automatic width detection, indication on scanner panel of the exact measured width.
<i>Original feed</i>	■ Face-down, right aligned. Automatic feed off/on
<i>Original sizes</i>	■ Image width: 200 - 914 mm ■ Original width: 200-1016 mm ■ Original length: 200 mm-15 m ■ Maximum document thickness: 3 mm
<i>Output reception</i>	■ Automatic rewinding or Integrated delivery tray

# Océ TCS500 system data

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## Environment scan engine

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<i>Dimensions</i>	■ 1300 mm (W) × 650 mm (D) × 1050 mm (H)/ 1300 mm (H) incl. operator panel
<i>Weight</i>	■ 70 Kg
<i>Electrical requirements</i>	■ 100-230 V, 50-60 Hz
<i>Power consumption</i>	■ Sleep mode 5 W ■ Standby 18 W ■ Run 105 W
<i>Noise level</i>	■ Sleep mode 0 dB(A) ■ Standby 23 dB(A), ■ Operating 50 dB(A)

## Océ Power Logic® Controller

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<i>Platform</i>	■ Océ controller with embedded Windows XP
<i>Memory</i>	■ 1024 Mb
<i>Hard disk capacity</i>	■ 2 x 80 GB
<i>Graphic User Interface</i>	■ Optional: keyboard, mouse and monitor
<i>Power consumption</i>	■ Run 87 W ■ Idle 67 W ■ Off 3.1 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>Concurrency</i>	■ Print and scan simultaneously ■ Print and copy simultaneously ■ Scan and copy simultaneously ■ Process next jobs during printing
<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

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### Drivers

<i>WPD</i>	■ Windows 2000, Windows XP, Windows Server2003, Windows Terminal Server, Citrix Metaframe
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<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

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### 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. ■ Separate settings for different users levels

## Océ Scan Logic®

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### Océ Scan Logic is an optional scan-to-file software suite 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>	■ 10 programmable destinations directly selectable from scanner panel ■ Scan to Web using FTP ■ Scan to network directory ■ Scan to controller
<i>Scan technology</i>	■ Océ Colour Image Logic intelligent image processing for B&W, Greys and full colour for "right first time" results
<i>Resolution</i>	■ Selectable from 72 up to 600 dpi
<i>Data formats</i>	■ TIFF (uncompressed, Packbits, G3, G4 and LZW), PDF (uncompressed, Flate, LZW and G4), CALS
<i>Scan modes</i>	■ Single scan, stream feed productive batch scanning



- 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
- 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 Print Exec® Workgroup

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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

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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

**Autodesk**  
Authorised Developer



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