



# Océ

## TDS800

### Pro Series

# Deliver on time



## Today's most productive wide format systems

Whatever your business requirements for high volume production of technical documents, an Océ TDS800 Pro Series configuration will always deliver. They are built to last and designed to perform in the most demanding print environments.

### Océ TDS860 print engine

#### Printing technology

Océ Copy Press technology

#### Print optimization

User specified print optimization modes:

- Lines&Text (200 lines per inch for excellent line accuracy)
- Standard (141 lines per inch for excellent lines plus smooth grays)
- Poster (70.7 lines per inch for excellent grays and smooth solid fills)

#### Resolution

400 dpi with Direct Dot Positioning

#### Exposure

Organic photoconductor

- Single element LED printhead
- Watercooled for optimal stability
- Fixed in steel frame
- No need for callibration during lifetime of print engine

#### Fusing technology

Direct Dot Positioning resulting in high detailed print quality

#### Fusing temperature

100 degrees Celcius

#### Toner filling

Add toner bottles during printing

#### Toner efficiency

- 100% toner transfer
- No waste toner

#### Charge units

Single pin array corona unit with internal air circulation

#### Operator signals

- Printer display with text and pictures supporting 2 languages simultaneously

### Throughput

#### Throughput speed

Choice of 6 Ao/min, 8 Ao/min or 10 Ao/min

#### Speed upgrades

Upgrade print speed from 6 Ao/min to 8 Ao/min to 10 Ao/min

#### Start up

- Automatic start up with customer specific timers
- Power on/off

### Media

#### Media sources

Choice of 2, 4 or 6 rolls plus manual feed

#### Media capacity

Up to 200 meters per roll (i.e. 400, 800 or 1200 meter capacity)

#### Media cutting

Cutter for each roll drawer. Continuous printing speed when printing jobs from different rolls

#### Media widths

Roll width 297 mm – 914 mm

#### Media types

Plain, transparant, fluorescent and colored papers, film and vellums



---

## Media type indication

Indication (incl. special or normal paper) on printer panel, controller and network PCs

## Media loading

- Roll lifting lever in each roll drawer
- Roll changing edge above media compartment

## Media trimming

Automatic trimming of newly loaded rolls  
Trim sheet delivery tray in roll drawer means no trim sheets in between output, trim sheets do not pass through system and can not contaminate the photo-conductive drum

## Output sizes

From A4 to 36", up to 15 meters long

## Environment

### Dimensions

Width: 1720 mm

Depth: 1146 mm

Height: 1400 mm

### Weight

939 kg

### Mains supply

100-120V / 200-240V (3 phases),  
50/60 Hz, 16 A

### Power consumptions

EPA ENERGY STAR® compliant

- Sleep mode 13 W
- Low power mode < 500 W
- Standby < 820 W
- Printing < 4100 W

### Noise level

- Standby 46 dB(A)
- Run 59 dB(A)
- Pulse 1dB(A)

According to DIN EN

27779 Operator position

---

## Océ scanners generic

### Models

Océ TDS810 scanner

Océ TDS610 scanner

### Scanner user interface

User defined user interface

User defined defaults

### Océ Job Templates (optional)

User defined job oriented user interfaces and defaults and recall settings last job

### Originals

Width 210 - 914 mm

Length 210 mm up to 15 meters

Automatic original and size detection for ISO and ANSI sizes

### Maximum thickness

- Up to 1.5 mm (optimal quality)
- Up to 3 mm (limited quality)

## Imaging

### Image processing technology

Patented Océ Image Logic® technology: automatic background compensation, 256 grey scales halftoning, enhancement weak information

### Exposure control

Automatic, manual fine adjustment, background compensation (on/off)

### Reproduction scale

Zoom 25-400%, adjustable in 1% and 0,1% steps

8 programmable fixed steps

Auto zoom to paper size

### 1:1 Accuracy for A0 original

≤ 0,5%

### Image editing

Image shift, image align, image mirroring

---

## Functions

### Multi-copy mode

1 - 999 copies

### Input modes

- Single
- Set (collate)
- Multiple Sheets (uncollate)
- Océ Matrix Logic® (optional)

### Set memory

Up to 999 copies from a set of at least 2400 Ao originals

### Copy job interrupt

Interrupt copy and print jobs with urgent copy job

### Concurrency

Continuous feeding of copy jobs and scan jobs during printing of copy jobs and print jobs

Background simultaneous scanning of copied originals

### Copy stamping (optional)

- Content: free text, date, time
- Number: up to 50 user defined stamps
- Selection: from list on scanner panel

### Other functions

Automatic roll selection

Automatic reduction / enlargement

Standard cut, synchro cut and custom cut modes

Leading and trailing edge adjustments

Pre-programming of next job

## Océ TDS810 scanner

### Scanning technology

CCD, Océ Image Logic realtime image processing software

### Scan/copy speed

10 m/min, 8Ao/min

### Original feed

- Face-up, left aligned
- Automatic feed off/on

### Output reception

Integrated receiving basket or original delivery tray (for up to 150 originals)

### Scan and copy modes

- Lines & text
- Photo
- Grays & lines
- Printed matter
- Dark original
- Blueprint
- Cut & paste

### Start up

Automatic start up with customer specific timers

Power on/off

### Dimensions

Width: 1320 mm

Depth: 640 mm

Height: 1235 mm

### Weight

166 kg

### Mains supply

100-120 V / 200-230 V, 50/60 Hz

### Power consumption

Standby 165 W, operation 180 W

### Noise level

- Standby 43 dB(A)
  - Run 53 dB(A)
  - Pulse 9 dB(A)
- According to DIN EN 27779 operator position

## Océ TDS610 scanner

### Scanning technology

CCD, Océ Image Logic, realtime image processing software

### Scan/copy speed

5 m/min, 4 Ao/min

at 400 dpi; 10 m/min

8 Ao/min at 200 dpi

### Original feed

- Face-down
- Right aligned
- Automatic feed off/on

### Output reception

Automatic rewinding or original delivery tray (for up to 150 originals)

### Scan and copy modes

- Lines & text
- Photo
- Grays & lines
- Printed matter
- Dark original
- Blueprint

### Start up

Power on/off

### Dimensions

Width: 1314 mm

Depth: 583 mm

Height: 1353 mm

### Weight

90 kg

### Mains supply

100/120/230 V, 50/60 Hz

### Power consumption

Standby < 10 W, operation 110 W

### Noise level

- Standby 43 dB(A)
  - Run 53 dB(A)
  - Pulse 9 dB(A)
- According to DIN EN 27779 operator position

## Océ Power Logic® controller

### Concurrency

- Print and scan simultaneously
- Print and copy simultaneously
- Scan and copy simultaneously
- Process next jobs during printing

### File spooling

250 GB high speed hard disk dedicated to file spooling

### Set processing

250 GB high speed hard disk dedicated to set memory

Up to 999 copies of set of minimal

2400 Ao

Send once, process once, print many

### File formats

HPGL, HPGL2, HPRTL, TIFF 6.0, CALS type 1, NIRS, EDMICS (C4), Calcomp 906/907/951, Adobe®PostScript®3™/PDF (optional)

### Memory

2 GB

### Interfaces

Ethernet 10/100 Mbits/s with RJ45, Token Ring 4/16 Mbits/s (optional) 2nd NIC card (optional)



### Network protocols

TCP/IP, NetBEUI (smb), Novell (IPX/SPX). Other protocols supported through external print server

### Functions

- Multiple prints: up to 999
- Automatic language sensing
- Automatic roll selection and switching
- Plot manipulation: aut positioning, rotation, autoscaling

### Power consumption

- Controller: sleep mode 80W, running mode 92W
- Flatscreen monitor: sleep mode 2W, running mode 16W

## Océ Remote Logic®

Local and remote user communication system

### Océ Queue Manager

- View status of print and copy jobs
- View number of sets and number of pages per set for each job
- Manage print and copy jobs: hold, resume, delete, move to top
- Interrupt running print and copy jobs with urgent print job or copy job
- Inbox for release by operator or remote user
- History queue for reprint of print jobs and copy jobs (change number of copies)
- Four levels of user rights

### Océ system

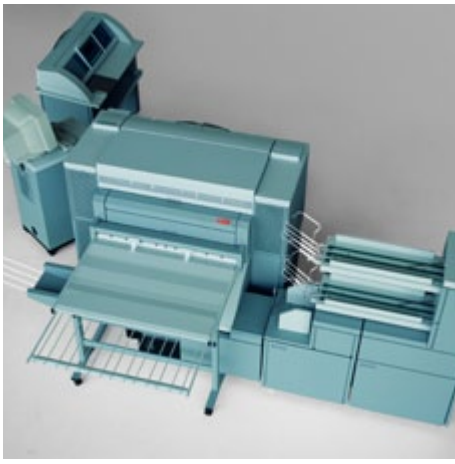
View status of system components:

### Control panel

Printer, scanner, controller, memory

### Océ Settings Editor

Customize and optimize the workflow by editing and saving default settings



---

## Océ Scan Logic®

Océ Scan Logic is an optional scan-to-file software application for Océ TDS800 Pro Series

### Applications

Océ Scan Manager, integrated scanning solution and Océ View Station LT for viewing

### Scan destinations

- Programmable destinations, selectable from scanner panel
- Scan to web using FTP
- Scan to network directory
- Scan to controller
- Scan to Océ Repro Desk® job (optional)

### Scan technology

Océ Image Logic intelligent image processing technology with seven special original modes for “right first time” results

### Resolution

200, 300, 400 dpi

### Data formats

TIFF (G3, G4, uncompressed), CALS Type 1, PDF (G4, uncompressed)

### Scan modes

Single scan, stream feed productive batch scanning

### File naming

Automatically generate unique file names for each scan change file names at point of scanning

### Operator control

Start scan job and define settings from scanner panel

Single / multiple check plots of scan

View scans at point of scanning

### Options

Océ View Station for editing and enhancement of scanned documents on



---

remote PC Océ Batch Processor for automated editing and enhancement of batches of scanned documents on remote PC

## Océ Matrix Logic®

Océ Matrix Logic is an optional software application for Océ TDS800 Pro Series multifunctional system with Océ Scan Logic

### Functions

Pre-program up to 50 different copy configurations (i.e. collation of print settings)

Scan in the originals of the matrix job (up to 100 originals per job)

View the list of originals

Define a matrix job by selecting a number of (up to 30) copy configurations to be applied to scanned originals

Last minute changes to selected copy configurations

Print scanned originals with selected copy configurations

Save matrix jobs

Reprint matrix jobs

## Océ Account Center

Océ Account Center is an optional software application that enforces the users to enter valid accounting information before printing, copying and scanning. Cost can then be allocated to the appropriate users, departments and projects

### Functions

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

---

## Océ Print Exec® Workgroup

Océ Print Exec Workgroup is a powerful, smart and efficient web-based optional software application for printing sets in workgroup environments

### Functions

Backchannel printer status information

Stamping

Set up different print configurations (i.e. store and select predefined print settings)

Banner page

Previewing

Save and recall print jobs

Reprint jobs

### Recommended configurations

Microsoft® Windows® (98, NT4.0, 2000, ME, XP), Apple® Mac OS® (without previewing) and Oracle® Solaris, Microsoft Internet Explorer® 5.0 or higher, Netscape® Navigator 6.0 or higher, Java® Plug-in 1.3.1\_03 or higher, Java Advanced Imaging 1.1.1\_01 or higher (viewer)

## Océ Repro Desk®

Océ Repro Desk is an optional software application for an efficient workflow from print job ordering from Autodesk® AutoCAD® via the web with WYSIWYP previewing to the automated and flawless processing of print jobs in the repro shop. For more information, see the Océ Repro Desk marketing materials

## Drivers

### Océ HDI driver

For AutoCAD (LT) 2000, 2000i, 2002 and 2004

### Océ Windows

Microsoft Windows® 95, 98, ME (HP-RTL)

### Printer Driver

Microsoft Windows NT4.0, 2000, XP, 7 (HPGL/2)

Digital Microsoft signature Inbox printing

Automatic printer configuration detection

Direct media and printer status

### Océ PostScript 3 drivers

Microsoft Windows 95, 98, 2000, ME, NT4.0, XP, 7 and MacOS 8 and 9

## Optional finishing: Integrated Océ folding system

### Folding methods

DIN, Ericsson®, AFNOR-like

Fanfold and crossfold

Length folding package: 276 - 310 mm

Width folding package: 186 - 230 mm

### Paper size

Width: 279 mm - 914 mm

Length: 210 mm up to 2500 mm (crossfold and fanfold), up to 6000 mm (fanfold only)

### Paper material

Plain paper up to 110 grams

### Binding methods

Binding edge: 0,15 - 20 mm

Reinforcement unit (optional): glue perforated plastic strips to folded package for opening folded document without taking it out of a binder

Punching unit Europe (optional): punch 2 or 4 holes in binding edge of folded package

Punching unit USA (optional): punch 3 holes in binding edge of folded package

### Delivery methods

Compact belt unit: delivery belt with offset stacking

Belt capacity ± 100 folded A0

First extended belt unit: delivery belt with offset stacking

Belt capacity ± 170 folded A0  
Second extended belt unit: delivery belt with offset stacking. Belt capacity ± 170 folded A0

### Operator control

Select folding method, binding method and delivery method from scanner panel and job submission software

### Dimensions

Printer with folder:

2430mm(W) × 1560mm(D) × 1400mm(H)

Printer with folder with reinforcement unit:

2560mm(W) × 1560mm(D) × 1400mm(H)

First extended belt unit(s):

1160mm(W) × 500mm(D) × 1150mm(H)

Second extended belt unit:

1160mm(W) × 500mm(D) × 1470mm(H)

### Weight

Folder: 160 kg

Folder with reinforcement unit: 190 kg

Compact belt unit: 25 kg

First extended belt unit: 165 kg

Second extended belt unit: 46 kg

Punching unit Europe/USA: 10 kg

### Mains supply

From printer

## Optional finishing: Océ Double Decker Pro

The Océ Double Decker Pro is a two bin stacker for unfolded output with a capacity of 1500 prints with user-defined intelligent job/set separation and bin selection methods.

For more information, see the Océ Double Decker specification sheet and video

## Optional: copy delivery tray / original delivery tray

### Model

Wheeled delivery tray with blower unit

### Capacity

Up to 200 prints / originals

### Mains supply

100 - 120 / 200 - 240 V, 0.3 A, 50/60 Hz

### Power consumption

< 40 W

### Dimensions

Width: 1160 mm

Depth: 880-1340 mm

Height: 1020 mm

### Weight

44 kg

## Working environment

### Safety approvals

TUV GS, CETECOM, CE, (c) UL,

Complies with Directive 89/336/EEC and FCC rules and regulations, part 15 Class A, CCC

### Power consumption

EPA ENERGY STAR® compliant on printer, scanner and multi-functional configurations

### Ozone emission

< 0,0005 ppm on average; 0,0008 ppm at peak production (see Safety Data Sheets for more details)

### Noise level

Maximum 59 dB(A) (printer running)

### Supported user languages

English (USA), English (UK), Japanese, French, German, Italian, Dutch, Spanish, Portuguese, Swedish, Norwegian, Danish, Finnish, Czech, Hungarian, Polish, Russian.

Scanner panel, printer panel, Océ Power Logic Controller and different software applications.

Switch between two preferred languages easily

## Océ Wide Format Printing Systems Partners and Awards



2006

2007

Novell

CITRIX

For information and services, visit us at [www.oce.com](http://www.oce.com)



## Printing for Professionals

©2010 Océ. Illustrations and specifications do not necessarily apply to products and services offered in each local market. Technical specifications are subject to change without prior notice. Océ, Océ Image Logic, Océ Power Logic, Océ Remote Logic, Océ Scan Logic, Océ Matrix Logic, Océ Repro Desk and Océ Print Exec are registered trademarks of Océ-Technologies B.V.. Microsoft and Windows are registered trademarks of the Microsoft Corporation. Adobe and Acrobat are registered trademarks of the Adobe Systems Incorporated. MAC OS is a registered trademark of Apple Inc. Solaris and Java are registered trademark of Oracle Corporation. Ericsson is a registered trademark of Telefonaktiebolaget LM Ericsson. Citrix is a registered trademark of Citrix Systems, Inc., Energy Star is a registered trademark of EPA. All other trademarks are the property of their respective owners.