



Océ

TDS800

Pro Series

Deliver on time



Today's most productive wide format systems

Whatever your business requirements for high production of technical documents a TDS800 Pro Series configuration will always deliver. Built to last and designed to perform in high demanding print environments.

Océ TDS800 printer

Printing technology

Océ Copy Press technology

Resolution

400 dpi with Direct Dot Positioning (DDP)

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)

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 toner recycling
- No waste toner

Charge units

Single pin array corona unit with internal air circulation

Operator warning signals

- Yellow light on printer
- 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

First print out time

19 seconds

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

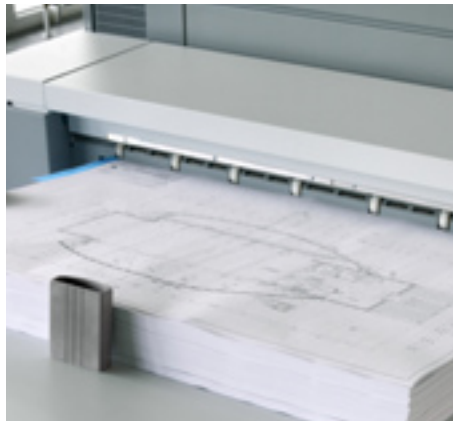
Up to 200 meters per roll (i.e. 400, 800 or 1200 meter capacity)

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, transparent, 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 photoconductive 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 TDS800 scanner

Océ TDS600 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 by seven sensors

Maximum thickness

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

Imaging

Image processing technology

Océ's patented 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 A0 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 TDS800 scanner

Scanning technology

CCD, Océ's patented Image Logic® realtime image processing software

Scan/copy speed

10 m/min, or approximately 8

Ao/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 TDS600 scanner

Scanning technology

CCD, Océ's patented Image Logic®, realtime image processing software

Scan/copy speed

5 m/min, or approximately 4 Ao/min

at 400 dpi; 10 m/min or

approximately 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 < 45 dB (A), 65 dB (A)

Océ Power Logic® controller

Platform

Océ controller with Windows® XP embedded

Concurrency

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

File spooling

80 GB high speed hard disk dedicated to file spooling

Set processing

80 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

512 Mb, expandable to 1024 Mb

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® applications

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

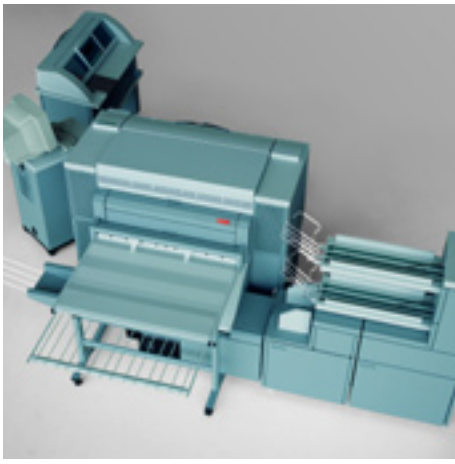
View status of system components:

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 multifunctional system

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 to the Océ TDS800 Pro Series. 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

PC For Windows (98, NT4.0, 2000, ME, XP), MacOS (without previewing) and Solaris

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 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

Windows 95, 98, ME (HP-RTL)

Printer Driver

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

Digital Microsoft signature

Inbox printing

Automatic printer configuration detection

Direct media and printer status

Océ PostScript® 3 drivers

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

Optional finishing: Integrated Océ folding system

Folding methods

DIN, Ericsson, AFNOR-like

Fanfold, 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 \pm 100 folded Aos

First extended belt unit: delivery belt with offset stacking.

Belt capacity \pm 170 folded Aos
Second extended belt unit: delivery belt with offset stacking. Belt capacity \pm 170 folded Aos

Operator control

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

Dimensions

Printer with folder:

2430mm(W) x 1560mm(D) x 1400mm(H)

Printer with folder with reinforcement unit:

2560mm(W) x 1560mm(D) x 1400mm(H)

First extended belt unit(s):

1160mm(W) x 500mm(D) x 1150mm(H)

Second extended belt unit:

1160mm(W) x 500mm(D) x 1470mm(H)



Printing for Professionals

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



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