Océ

TDS800

Pro Series

Deliver on time

océ

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, 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 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, back ground 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

$\leq 0,5\%$

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 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: autopositioning, 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)
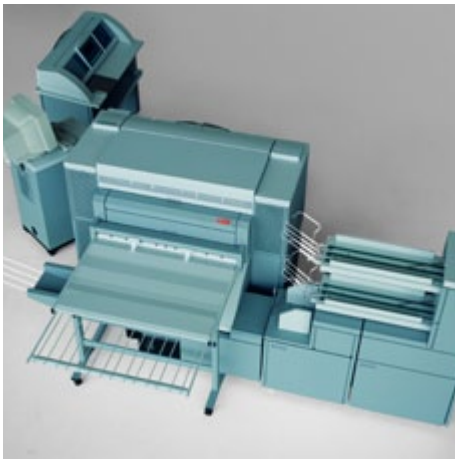- Four levels of user rights

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

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

CLEARLY™ Adobe IMAGING

Designed for Microsoft® Windows® Server 2003

Designed for Microsoft® Windows® XP

DASSAULT SYSTEMES Gold Software Partner

autodesk authorized developer

LLOYD'S REGISTER QUALITY ASSURANCE ISO14001

energy ENERGY STAR

iF communication design award 2006

iF product design award 2007

N YES TESTED & APPROVED Novell

Océ RoHS compliant 2002/95/EC Restriction of the use of Certain Hazardous Substances

iF GOLD Océ TDS700 product design award 2007

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