Océ
TDS320

1 million users understand

océ

Océ

Economic,

multifunctional wide

format system

- An effortless workflow is the sum of details

- High quality that's effortlessly easy

- True reliability is key

1 million users understand

Océ TDS320
Economic, multifunctional wide format system

Everyday, more than 1,000,000 users understand the benefits of the Océ TDS320 technology. Whether you work for a small technical company or in a workgroup in a larger organisation, the basic requirement is simple: you need to be productive.

Your productivity relies on an effortless workflow. This demands a multifunctional system that is available when you need it, does what you want it to, and does not bother you. Good news. The Océ TDS320 is that system. This affordable wide format solution supports your natural workflow and delivers the value and reliability you need.

'I want a system that's affordable and that I can count on for years to come'

An effortless workflow is the sum of details

The Océ TDS320 offers two online rolls and an auto rotate function which enable it to handle every wide format size. Automatic roll switching ensures uninterrupted printing. The unique Océ Radiant Fusing Technology eliminates warming-up time, so there's no waiting for your prints. High-performance print drivers make sending prints fast and simple. The Compact Output Stacker neatly organises the printer output. And the separate scanner allows you to collect your prints, while your colleague scans or copies. All these details add up to an effortless workflow.

High quality that's effortlessly easy

Fine details, sharp lines, smooth curves and high level grey scales all result from the 600 dpi printer combined with the unique Océ Radiant Fusing technology. Océ Image Logic® technology automatically enhances image quality. So copies are right the first time, and scans are exactly as you want them, simply by pressing the green button. The Single Camera - Single Mirror technology ensures consistent image quality across the entire scan area.

In short, the Océ TDS320 delivers the excellent quality that's essential for an effortless workflow.

True reliability is key

The basis for an effortless workflow is reliability. That's why the Océ TDS320 uses durable materials. Plus innovative and proven technology developed by Océ, the world's leading supplier of wide format printing systems. You can rely on the Océ organisation as much as our products. For driver and software updates, but also for service and support. All to protect your investment, and give you peace of mind for years to come.

'I want a system that designers and engineers can just walk up and use, without learning complicated procedures'

Océ TDS320 Printer

Technology
Electrophotography (LED) with Organic Photoconductor drum

Resolution
600 dpi

Printer

User specified print optimisation modes: optimisation
Lines&text for excellent line accuracy; Standard for excellent lines plus smooth grays; Poster for excellent grays and smooth solid fills.

Fusing technology
Océ Radiant Fusing, instant heating

Toner system
Clean closed toner system, refill while printing

Throughput

Speed
Constant 3 linear metres p/min or a 1.8 A0 p/min in all print modes

Warm-up time
None, instant behaviour

Paper path
Optimised, continuous printing speed when printing jobs from different rolls

Document
- Standard: integrated tray, no extra *delivery* footprint, delivery at the front.
- Optional with 2 rolls version: integrated

Compact Output Stacker for up to 100 prints neatly stacked with no extra footprint, delivery at the front.

Media

Media sources
Choice of 1 or 2 rolls version plus manual feed

Media capacity
Up to 175 meters per roll (75 gr/m^2 paper) with automatic switching when roll is empty

Media types
Plain, transparent, recycled, fluorescent and coloured paper, films and vellums. Up to 110 gr/m^2

Media trimming
Closed system protects cutting device

Output sizes
From A3 to A0 and 36", up to 15 metres long

Environment

Dimensions
1352 mm(W)× 899 mm(D) × 1251 mm(H)

Weight
175 kg (1 roll version), 185 kg (2 roll version)

Main supply
100/120/230 V, 50/60 Hz

Power
EPA Energy Star® compliant, consumption
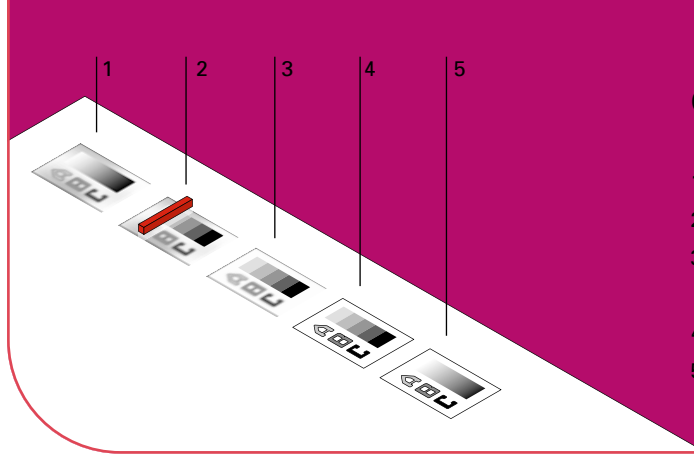Operating 1340 W , Standby 28 W, and Sleep mode 6 W

Sound pressure
Sleep mode 0 dB (A), Standby 24 dB (A)
Operating 54 dB (A) according to EN7779 operator position

Safety approvals
TüV GS, CETECOM, CE, (c)UL, FCC

Océ Image Logic®

1 Original

2 Scanning

3 Automatic background compensation
removes unwanted background

4 Filtering sharpens text and lines

5 Halftoning guarantees smooth gradients

Océ TDS320 Scanner

Technology

CCD, Océ Image Logic® real time image processing
hardware

Speed

3 metres p/min

Original feed

Face down, right aligned. Automatic feed on/off. Rewind
original to front on/off

Originals

Image width: 210 - 914 mm

Original width: 210 - 1020 mm

Original length: 210 mm - 15 m

Maximum thickness

1,5 mm

Exposure control

Automatic background compensation (on/off) manual fine
adjustment

Special modes

Line & Text, Photo and Blueprint

Reproduction scale

25% to 400%, adjustable in 1% and programmable fixed steps

Scan-to-file zoom

50% to 200%

Other operating functions

- Concurrent copying and printing
- Multicopy mode: 1-99 copies (scan once print many)
- Programmable default settings
- Standard cut or synchro cut modes
- Leading- and trailing-edge adjustment (add or remove up to
  400 mm)
- Image mirroring

Power

EPA Energy Star® compliant, consumption

Operating 140 W, Standby 27 W

Main supply

100/120/230 V, 50/60 Hz

Dimensions

1240 mm (W) × 615 mm (D) × 1105 mm (H)

Weight

65 kg

Océ Power Logic® Controller

Platform

Océ Controller with Windows®XP embedded

Memory

512 Mb, expandable to 1024 Mb

Graphic user

Optional Monitor interface 17" CRT and 17" flat panel

Interfaces

Standard: Ethernet 100/10 Mbits/s with RJ45

Network protocols

TCP/IP, NetBIOS (smb), Novell (IPX/SPX), FTP, LPD.
Other protocols supported through an external print server

Power consumption

< 62.5 W controller

Main supply

120/230 V, 50/60 Hz

File formats

HPGL, HPGL2, Calcomp 906/907/951 HPRTL, TIFF 6.0,
CALS1, NIRS, C4, ASCII, optional Adobe® PostScript® 3™/
PDF

Functionality

- File spooling on the controller
- Concurrent receiving / processing / printing
- Océ Settings editor application: edit and save customised
  system settings
- Special modes: Standard, lines & text and Poster
- Multiple prints: up to 999
- Automatic language sensing
- Automatic roll selection and switching
- Plot manipulation: rotation, autoscaling and positioning
- Pen management

Océ Remote Logic® application

Local and remote user communication system with:

Settings Editor

Edit and save customised system settings application:

Supported operating systems

Windows 95, 98, Me, 2000, NT4.0 SP3 and XP. On any other platform and operating system supporting Java 1.1.8 or higher

Drivers and job-submission software

Océ HDI driver

For AutoCAD (LT) 2000, 2000i, 2002, 2004, 2005 and 2006

Océ WPD

Windows 2000, XP, Windows Server 2003, Windows Terminal Server, Citrix Metaframe

Océ Adobe PostScript®3 drivers

Windows 95, 98, ME, NT4.0, 2000, XP and Mac OS 9, X

OcéPrintExec®LT (optional)

Individual Windows-based productive job creation and submission application with direct device feedback for Windows 2000, XP, and Windows Server 2003

Océ Scan Logic®

Océ Scan Logic is an optional scan-to-file software application for the Océ TDS320 multifunctional system.

Applications

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

Scan destinations

6 programmable destinations
Scan to Web using FTP
Scan to network directory
Scan to controller

Resolutions

200, 300, 400 dpi

Data formats

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

Scan modes

Single scan, stream feed productive batch scanning with or without check plot

File naming

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

Viewing

View scans at point of scanning

Océ Image Logic

Optimum scan quality with special original modes

Optimisation

Scan quality or file size

Ease of use

Scan to file from scanner panel, scan directly to destination

Options

- Océ View Station for editing and enhancement of scanned documents
- Océ Batch Processor for automated editing

Minimum requirements

Graphical user interface on Océ Power Logic Controller

Beyond the Ordinary

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Printing for Professionals

Building a sustainable business has always been one of our core business principles. We do this by developing products and services that add value to the document processes of our customers, while minimizing environmental impact. And we conduct our business activities in a socially responsible manner aimed at preventing health, safety and environmental risks.

Océ helps the people who make our world. Companies everywhere use Océ technical documentation systems in manufacturing, architecture, engineering and construction. Each week, high speed Océ printing systems produce millions of transaction documents such as bank statements and utility bills. And in offices around the world, people use Océ professional document systems to keep the wheels of business and government turning. Océ is also at work in publishing on demand, newspaper production, document management outsourcing and wide format colour for spectacular display graphics. It all helps our professional customers go 'Beyond the Ordinary' in printing and document management.

Océ Wide Format Printing Systems Partners and Awards

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