			Request for	RFQ NUMBER	PAGE
	State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130		**Request for Quotation**	639000019	1

ADDRESS CORRESPONDENCE TO ATTENTION OF:

MICHAEL AUSTIN
304-558-2402

VENDOR
*709060257   304-343-1063
CHARLESTON BLUEPRINT
1203 VIRGINIA STREET EAST

CHARLESTON WV   25301-2908

SHIP TO
DIVISION OF HIGHWAYS
CHIEF OF INFORMATION SYSTEMS
BUILDING 5
1900 KANAWHA BOULEVARD, EAST
CHARLESTON, WV
     25305-0430   304-558-0408

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
11/10/2008				

BID OPENING DATE:	11/26/2008		BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	11	EA		938-31		

ENGINEERING PRINTING SYSTEM/WITH MAINTENANCE & TRAIN

TO PROVIDE ELEVEN (11) ENGINEERING PRINTING SYSTEMS AND
ONE (1) WIDE FORMAT SCANNER THAT WILL INCLUDE
INSTALLATION, MAINTENNANCE AND TRAINING FOR THE
WEST VIRGINIA DIVISION OF HIGHWAYS PER THE ATTACHED
SPECIFICATIONS.

THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH
THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT
INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY
PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING
ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT
LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE
INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR
REJECTION OF THE BID. THE STATE RESERVES THE RIGHT
TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS
IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST
VIRGINIA LEGISLATIVE RULES AND REGULATIONS.

NOTICE

A SIGNED BID MUST BE SUBMITTED TO:

     DEPARTMENT OF ADMINISTRATION
     PURCHASING DIVISION
     BUILDING 15
     2019 WASHINGTON STREET, EAST
     CHARLESTON, WV 25305-0130

RECEIVED

2008 NOV 26 A 8:43

PURCHASING DIVISION
STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE

TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

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LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT

THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF
THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:

SEALED BID

BUYER: 33

RFQ. NO.:   639000019

BID OPENING DATE:----------- 11/26/08 --------------------

BID OPENING TIME:----------- 1:30 --------------------

PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY
TO CONTACT YOU REGARDING YOUR BID:
    ---------------- 304-343-1095 -------------

CONTACT PERSON (PLEASE PRINT CLEARLY):
    ---------------- TIM SHELDON -------------

****** THIS IS THE END OF RFQ 639000019 ****** TOTAL: $402,272.00
                                        * W/TRADE-IN —$362,272.00

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Tim Sheldon*	TELEPHONE 304-343-1063	DATE 11/24/08
TITLE SALES MANAGER	FEIN 55 0691159	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

1)   Description of Needs:

The West Virginia Department of Transportation, Division of Highways (WVDOH) is releasing this Request for Quotation (RFQ) for the acquisition, installation, and maintenance of eleven new Engineering Printing Systems, and one wide format Scanner. One of the systems will be placed in the WVDOH Materials Division, the remaining ten systems will be placed in each of the ten WVDOH District Headquarters, and the one wide format Scanner is to be setup and installed at the WVDOH Headquarters Building (see Attachment 2 for location and contact person data).

1.1)   General Description of the Engineering Digital Printing System:

In brief, each printing system is to consist of (see Attachment 3):
   • One color plotter that can accommodate media that is up to 36 inches wide, and
   • One toner based monochrome plotter that can accommodate media that is up to 36 inches wide, and
   • One scanner that can accommodate media that is up to 36 inches wide, and the scanner shall be able to make color and monochrome scans and copies, and a
   • Controller unit that is well integrated with the color plotter, the monochrome plotter, and the scanner.
   • One year of maintenance is to be included with each system.

1.2)   General Description of the Scanner for the WVDOH Headquarters Building:

The Headquarters Building is already well served by an Engineering Digital Printing System, therefore a full scale printing system is not required at this location. However, this location does need a wide format Scanner that can interface with the WVDOH computer network, can produce color and monochrome scans, and then place the scan files on an FTP site or a Shared Drive for later retrieval and/or printing.

1.3)   Installation Requirements of each system:

All of the systems are to be delivered, installed, set-up, tested, and fully functional within 45 days after bidder has received the order. One day of operator training is to be included in the quoted price and is to be provided at each installation location.

All items are to be delivered freight prepaid to each of the twelve locations specified by the WVDOH (see attached list). The Vendor shall provide a minimum two day notice of equipment delivery, with the delivery being made to an inside office location. The Vendor is responsible for the installation, set-up and removal/disposal of packing materials. The Vendor has the option of removing the trade-in equipment or not taking possession of it (see Attachment 1 and Attachment 2).

1.4)   Award process:

Award shall be based on the lowest bid meeting the specifications for the Engineering Digital Printing System RFQ. The award shall be made to a single vendor who provides an integrated solution featuring a Color Plotter, a Monochrome Plotter, a Scanner capable of producing both Color and Monochrome Scans, and a Controller Unit that electronically links all of the various components. Components from multiple manufacturers will not be considered.

Currently, the ten WVDOT District Offices are using the Xerox 8825 Scanner/Plotter unit for working with large format documents (see Attachment 2 for locations and serial numbers), therefore WVDOT also requests a trade-in price from each vendor participating in this RFQ.

This RFQ is to include one year maintenance, with the option of an additional two consecutive years of maintenance renewal. All maintenance costs will be billed in arrears.

The quote shall be all-inclusive. No separate reimbursement will be made to the vendor for travel or other expenses.

Upon payment in whole, all right, title and interest to the equipment shall transfer to WVDOH.

2)   Below are the specific requirements for each of the major components in the Digital Printing System.

2.1)   Minimum Specifications for the Color Plotter (Oce' TCS500 or equal with the following features):

- Ability to produce Color and Monochrome prints.
- Ability to produce prints while the ink cartridges are being changed.
- Ability to produce prints while the media is being changed.
- Printer resolution of 600 dpi.
- Have at least three different Quality Modes (i.e., Low, Medium, and High).
- Allow the User to define the Quality Mode.
- Have the plotter automatically be able to change the quality mode as necessary to produce prints of high quality but that minimize ink usage.
- Produce one, color, "E" size print per 60 seconds.
- Produce one, Monochrome, "E" size drawing per 40 seconds.
- Be equipped with Two Rolls.
- Have the option to later upgrade the plotter with a Third Roll.
- Ability to switch rolls manually and/or automatically.
- Roll media widths from 11.5 inches to 36 inches.
- Print documents that are 8 inches to 120 inches long.
- Maximum roll length of 300 feet.
- Print to Bond, Vellum, and Mylar media.
- Ability to define what media is being used in each roll.
- Have the prints cut to size according to a Standard size (i.e., ANSI or ARCHI), or have the prints cut according to the size of the print, or have the prints cut by a User defined size.
- Have a display monitor that can show the percentage of ink level.
- Have a display monitor that provides an out of ink signal.
- Use standard 120 VAC, 60Hz power.
- Have the "Energy Star" rating.

2.2)   Minimum Specifications for the Monochrome Plotter (Oce' TDS450 or equal with the following features):

- Uses Toner Based Monochrome system for producing the prints.
- Printer resolution of 600 dpi.
- Ability to print ten linear feet per minute, or produce two "E" size Monochrome prints per minute in all print modes.
- Two Rolls of Media.
- Have a Manual Media Feed tray.
- Allow the User to select either Manual Feed or Roll Feed media.
- Roll media widths from 11.5 inches to 36 inches.
- Print documents that are 8 inches to 120 inches long.
- Roll length of up to 500 feet.
- Print to Bond, Vellum, and Mylar media.
- Ability to define what media is being used in each roll.

- Have the prints cut to size according to a Standard size (i.e., ANSI or ARCHI), or have the prints cut according to the size of the print, or have the prints cut by a User defined size.
- Uses instant on technology so that there is no warm-up time.
- Use standard 120 VAC, 60Hz power.
- Have the "Energy Star" rating.

2.3)   Minimum Scanner Specifications:

- Ability to properly interface with the WVDOH computer network.
- Ability to placed scanned files on an FTP site or a Shared Drive of a server.
- Ability to produce Color or Monochrome scans.
- Produce scanned files in 'tiff' and 'pdf' format.
- Adjustable scanner resolution with a maximum of 600 dpi.
- Scan documents that contain lines and text, blueprints, dark originals, photographs, or transparent documents.
- Scan documents 8 inches wide to 36 inches wide.
- Scan documents that are 8 inches to 120 inches long.
- Automatic exposure adjustment.
- Note 1: in the case of the ten WVDOH District Offices and the Materials Division, the Scanner will need to be electronically connected to the Controller Unit (see paragraph 2.6) in order to electronically retrieve scanned documents and/or make copies of them.
- Note 2: in the case of the one Scanner which will be installed at the WVDOH Headquarters Building, the Scanner will need to be electronically connected with the WVDOH computer network in order to retrieve scanned documents and/or make copies of them.
- Use standard 120 VAC, 60Hz power.

2.4)   Minimum Controller Specifications:

- Make copies (1 to 999) from a single scan.
- Make copies (1 to 999) from a scan set.
- Allow the User to define the input mode of documents to be copied (Single, Collated Set, or Multiple Sheets).
- Allow the User to define the Zoom setting (10% to 1000%) so that documents can be made larger or smaller as needed.
- Allow the User to define the Exposure setting so that documents can be made lighter or darker as needed.
- Allow the User to define the Media to be used when making copies (Roll 1, Roll 2, or Manual Feed).
- Produce image files (TIFF, PDF, and CALS formats) from scans.
- Support the following file formats: HPGL, HPGL2, HPRTL, TIFF 6.0, and PostScript.
- Produce prints while documents are being scanned.
- Automatically rotate documents when the scan width is larger than the media width.
- Automatically provide each scanned document with a unique name.
- Job Queuing.
- Electronically Collate Job Sets.
- Have a Bentley InterPlot Driver available.
- Print Management Tools.
- Document Submission Tools.
- Document Retrieval Tools.
- 1.0 GB of Memory.
- A Hard Disk Capacity of 80 GB so that Jobs can be stored and reprinted later.
- Ethernet Interface 100/10 Mbits/s with RJ45 Connection.

- Embedded Windows/XP Controller Software.
- Be able to simultaneously Print, Copy, and Scan.
- Support the TCP/IP FTP, and Novell (IPX/SPX) Network Protocols.
- Provide Automatic Roll Selection and Roll Switching.

3) Other requirements of the contract.

3.1) Start up supplies for each of the eleven systems:

- One box of Toner for the Monochrome Plotter,
- One box of Color Cartridges for the Color Plotter,
- One roll of Paper media (150' X 34") for the Monochrome Plotter, and
- One roll of Paper media (150' X 34") for the Color Plotter.
- One copy of the User Manual and other product documentation (either printed or 'pdf' format is acceptable).
- Note: since a full system will not be installed at the Headquarters Building, this location does not require media, or toner, or cartridges. However, this location will require a copy of the User Manual and other documentation for the scanner which will be installed there, additionally this location does require a copy of the Digital Engineering Printing System User Manual and other product documentation.

3.2) Maintenance Requirements:

- Onsite maintenance of the equipment.
- Four (4) hour call back response to the initial problem report.
- One (1) business day of onsite response time which shall be calculated from the time of the initial problem report.
- One (1) year of maintenance for the eleven printing systems and the one scanner is to be included in the quote.
- The quote shall also include two one-year consecutive maintenance renewal options. Vendor shall quote price for each year. All maintenance costs to be billed in arrears.

3.3) Maintenance shall include:

- Preventive maintenance as required;
- Preventive maintenance calls necessary to maintain the equipment within the original specifications;
- Replacement parts at no additional charge including drums;
- Travel and other expenses involved in completing maintenance;
- Any part replacement is made with Original Equipment Manufacture (OEM) Parts.

3.4) Training:

- Onsite training on the use of the new equipment is to be provided at each District Office location, at the Materials Division Office, and at the Headquarters Building.
- At least two hours of training is to be provided at each location.
- The training is to include telling and showing the Users how the new equipment is used.
- The training is to include telling and showing the Users how to load and change media.
- The training is to include telling and showing the Users how to load Toner in the Monochrome Plotter.
- The training is to include telling and showing the Users how to install the Ink Cartridges in the Color Plotter.

- The training is to include providing at least one User Manual for each of the 11 systems, and the Scanner unit which is to be installed at the Headquarters Building. Either a printed manual or a manual in 'pdf' format is acceptable.
- Note: User training for the Scanner unit which will be installed at the Headquarters Building will also be required, but not training in how to change media and ink cartridges because an engineering printing system will not be installed at this location.

3.5)   WVDOH may consider a trade-in of the existing equipment (see Attachment 2) to be replaced with these new Engineering Digital Printing Systems, provided that it is approved by the Surplus Property Section of State Purchasing. If the vendor does have a trade-in program, then please show the trade-in costs on the 'Cost Sheet' (see Attachment 1).

Attachment 1: Cost Sheet Data

COST SHEET

QTY	DESCRIPTION	PURCHASE COST	MAINTENANCE*	TOTAL
11	Color Plotters (2.1)			
11	Monochrome Plotters (2.2)			
12	Scanners (2.3)			
11	Controllers (2.4)			
	Hardware Sub-Total	370,592.32	42,400.00	402,272.00

* Annual Maintenance as described in 3.2 and 3.3.

SERVICES	COST
Installation (1.3)	INCLUDED
Training (3.4)	INCLUDED
Services Sub-Total	INCLUDED

QTY	DESCRIPTION	UNIT PRICE	TOTAL
11	Toner Cartridges for the Monochrome Plotters		INCLUDED
11	Color Cartridges for the Color Plotters		''
11	Rolls of Paper Media (150' x 34") for the Monochrome Plotters		''
11	Rolls of Paper Media (150' x 34") for the Color Plotters		''
12	Copies of the Color Plotter User Manual*		''
12	Copies of the Monochrome Plotter User Manual*		''
12	Copies of the Scanner User Manual*		''
12	Copies of the Controller User Manual*		''
	Start-up Supplies Sub-Total		INCLUDED

*Note, the User Manuals may be in either a printed form or in the 'pdf' format.

DESCRIPTION	TOTALS
Hardware Sub-Total	402,272.00
Services Sub-Total	
Start-up Supplies Sub-total	
TOTAL	402,272.00

NOTE: The State may choose to accept a trade-in for the equipment to be replaced, and may subtract it from the Total above for evaluation purposes. If you offer a trade-in, the value is $ 40,000.00 .

Attachment 2: Delivery, Installation, Setup, and Training Locations -

District 1
1334 Smith Street
Charleston, WV 25301-1492
District Engineer/Manager
Anthony Carovillano
(304)558-3001
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031090

District 2
801 Madison Avenue
Huntington, WV 25712-0880
District Manager
Keith Chapman
(304)528-5625
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031269

District 3
624 Depot Street
Parkersburg, WV 26102-0308
District Engineer
James E. Roten, Jr.
(304)420-4645
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031273

District 4
I-79 & Meadowbrook Road (Exit 121)
Clarksburg, WV 26302-2570
District Manager
Greg Phillips
(304)842-1550
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9030880

District 5
P. O. Box 99 (US Route 50)
Burlington, WV 26710
District Engineer
Robert Amtower
(304)289-2200
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031065

District 6
1 DOT Drive
Moundsville, WV 26041
District Engineer
Robert W. Whipp
(304)843-4008
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031070

Attachment 2: Delivery, Installation, Setup, and Training Locations -

District 7
255 Depot Street
Weston, WV 26452-1228
Highway District Manager
Ron Hooton
304-269-0414
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9030950

District 8
US Route 219 North
P.O. Box 1516
Elkins, WV 26241
District Engineer
Mike Moran
(304)637-0220
Xerox 8825 Plotter/Scanner currently in use at this location,
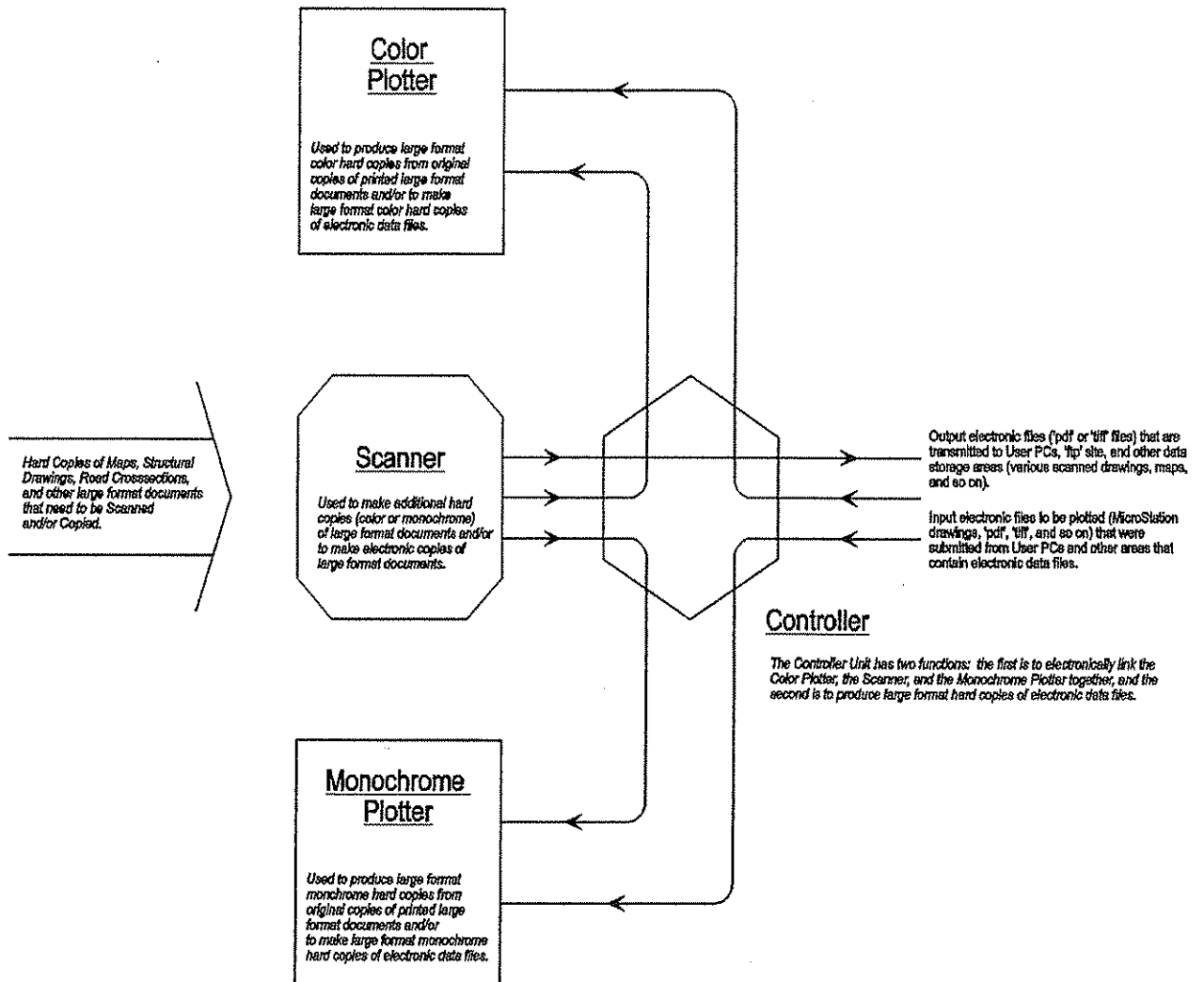Serial Number: DT9031021

District 9
103 1/2 Church Street
Lewisburg, WV 24901
District Engineer
Jim Lagos
(304)647-7450
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031255

District 10
270 Hardwood Lane
Princeton, WV 24740
District Manager
Jim McBrayer
(304)487-5228
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031178

Materials Division
190 Dry Branch Road
Charleston, WV 25306
Division Manager
Aaron Gillespie
(304)558-3160
Removal and/or Trade-in of old equipment is not required at this location.

WVDOH Headquarters
1900 Kanawha Blvd, East
Charleston, WV 25305
Information Services Director
Joe Biancaniello
(304)558-9241
Removal and/or Trade-in of old equipment is not required at this location.

Attachment 3: Diagram of the Engineering Printing System –

Color Plotter

Used to produce large format color hard copies from original copies of printed large format documents and/or to make large format color hard copies of electronic data files.

Scanner

Used to make additional hard copies (color or monochrome) of large format documents and/or to make electronic copies of large format documents.

Hard Copies of Maps, Structural Drawings, Road Crosssections, and other large format documents that need to be Scanned and/or Copied.

Output electronic files ('pdf' or 'tiff' files) that are transmitted to User PCs, 'ftp' site, and other data storage areas (various scanned drawings, maps, and so on).

Input electronic files to be plotted (MicroStation drawings, 'pdf', 'tiff', and so on) that were submitted from User PCs and other areas that contain electronic data files.

Controller

The Controller Unit has two functions: the first is to electronically link the Color Plotter, the Scanner, and the Monochrome Plotter together, and the second is to produce large format hard copies of electronic data files.

Monochrome Plotter

Used to produce large format monchrome hard copies from original copies of printed large format documents and/or to make large format monochrome hard copies of electronic data files.

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. **Application is made for 2.5% resident vendor preference for the reason checked:**
    Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preced-ing the date of this certification; or,
    ✓ Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or,**
    Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or,**

2. ✓ **Application is made for 2.5% resident vendor preference for the reason checked:**
    Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or,**

3. **Application is made for 2.5% resident vendor preference for the reason checked:**
    Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or,**

4. ✓ **Application is made for 5% resident vendor preference for the reason checked:**
    Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or,**

5. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
    Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or,**

6. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
    Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: CHARLESTON BLUEPRINT   Signed: _____

Date: 11/24/08   Title: SALES MANAGER

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:
West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:
West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

ANTITRUST:
In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

LICENSING:
Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:
The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit **www.state.wv.us/admin/purchase/privacy** for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and is in compliance with the requirements as stated.

Vendor's Name: ___CHARLESTON BLUEPRINT___

Authorized Signature: ___Tiff Dill___   Date: ___11/24/08___

Purchasing Affidavit (Revised 07/01/08)
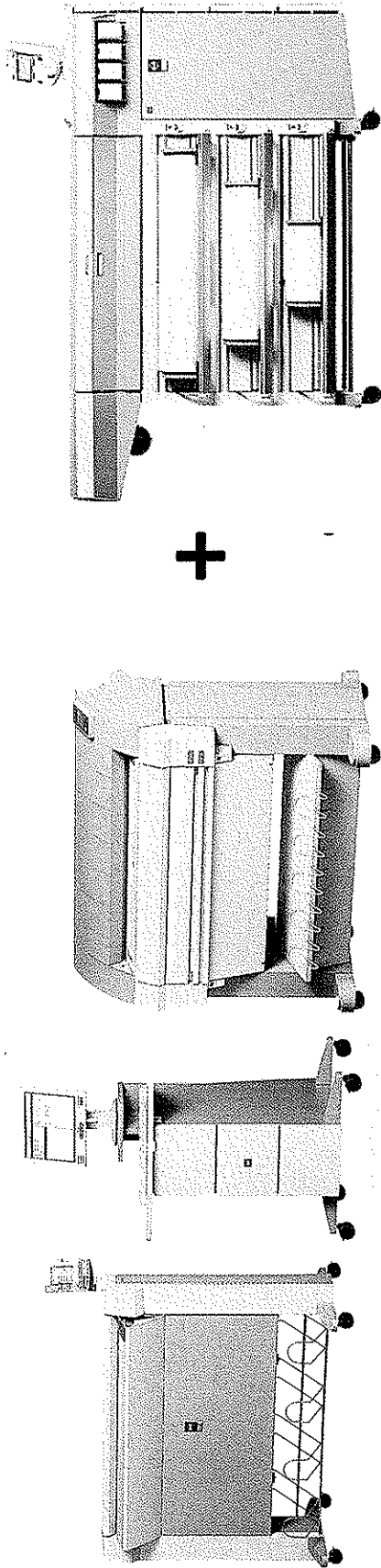
TDS450 Black & White Multi-Function Print-Copy-Scan
System With COLOR Scanning
PLUS
TCS500 2 Roll Color Plotter

November 21, 2008


To whom it may concern:

Please be informed Charleston Blueprint, is a current Sales and Servicing Partner of Océ Products and Supplies. They cover the entire state of West Virginia for both sales and service. They are also listed on our GSA Contract (includes all Commercial Customers as well as Federal, State, and Local Government Agencies and Federal Contractors) to purchase both supplies and machines. Charleston Blueprint, has been an excellent Sales and Servicing Reseller of our complete line for many years and has a fine quality service organization.

If you wish any further information please contact us.

Sincerely,

Jeff Hixon
Manager Reseller Support
Océ North America
Wide Format Printing Systems
(800) 323-4827 ext 4048
jeff.hixon@oce.com

Océ
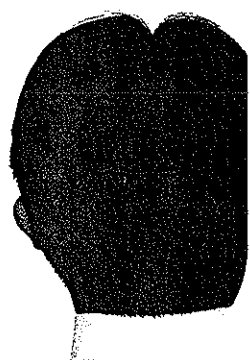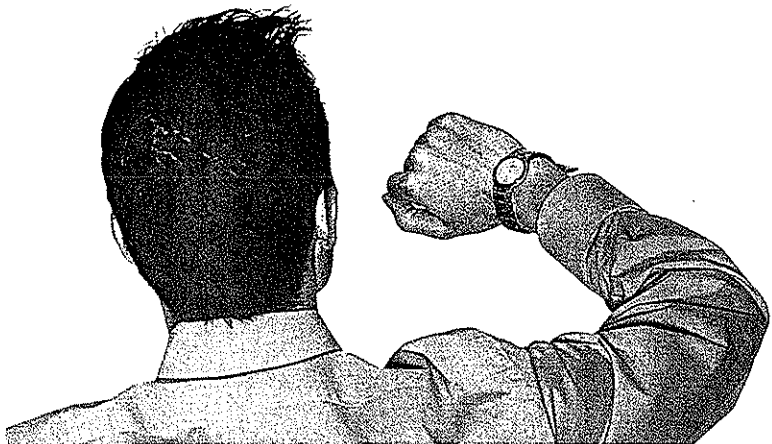
TCS500

No time to waste

océ
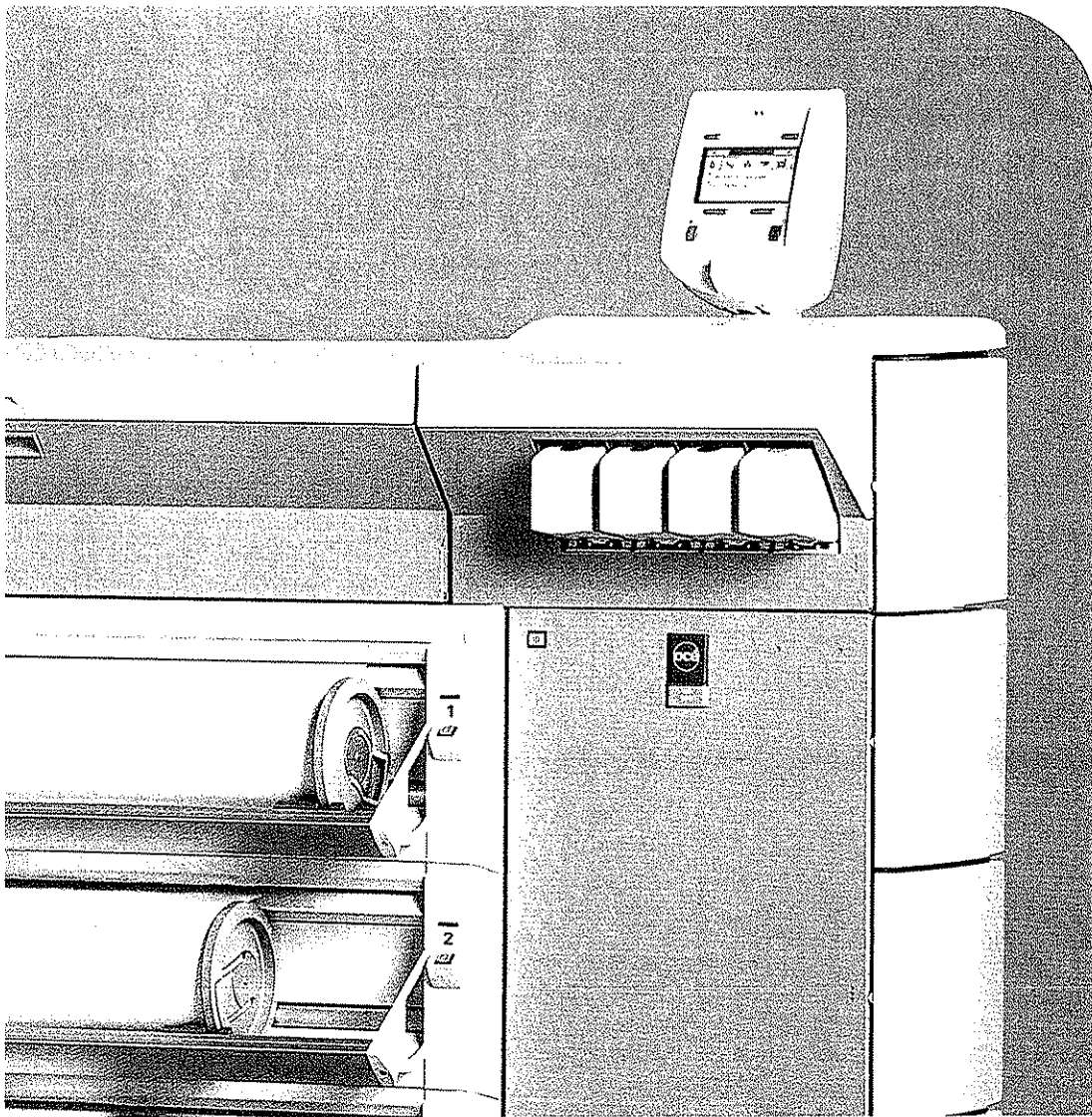
Wide format color

print, copy, and scan

system

- Fast file processing while printing means less waiting
- Enhanced throughput in color and monochrome with one system
- Unsurpassed media loading and unloading
- Immediate use of CAD plots with no trimming
- Multiple on-line media rolls
- Convenient ink replacement while printing
- Seamless growth path to multifunction (copy/scan)

No time to waste
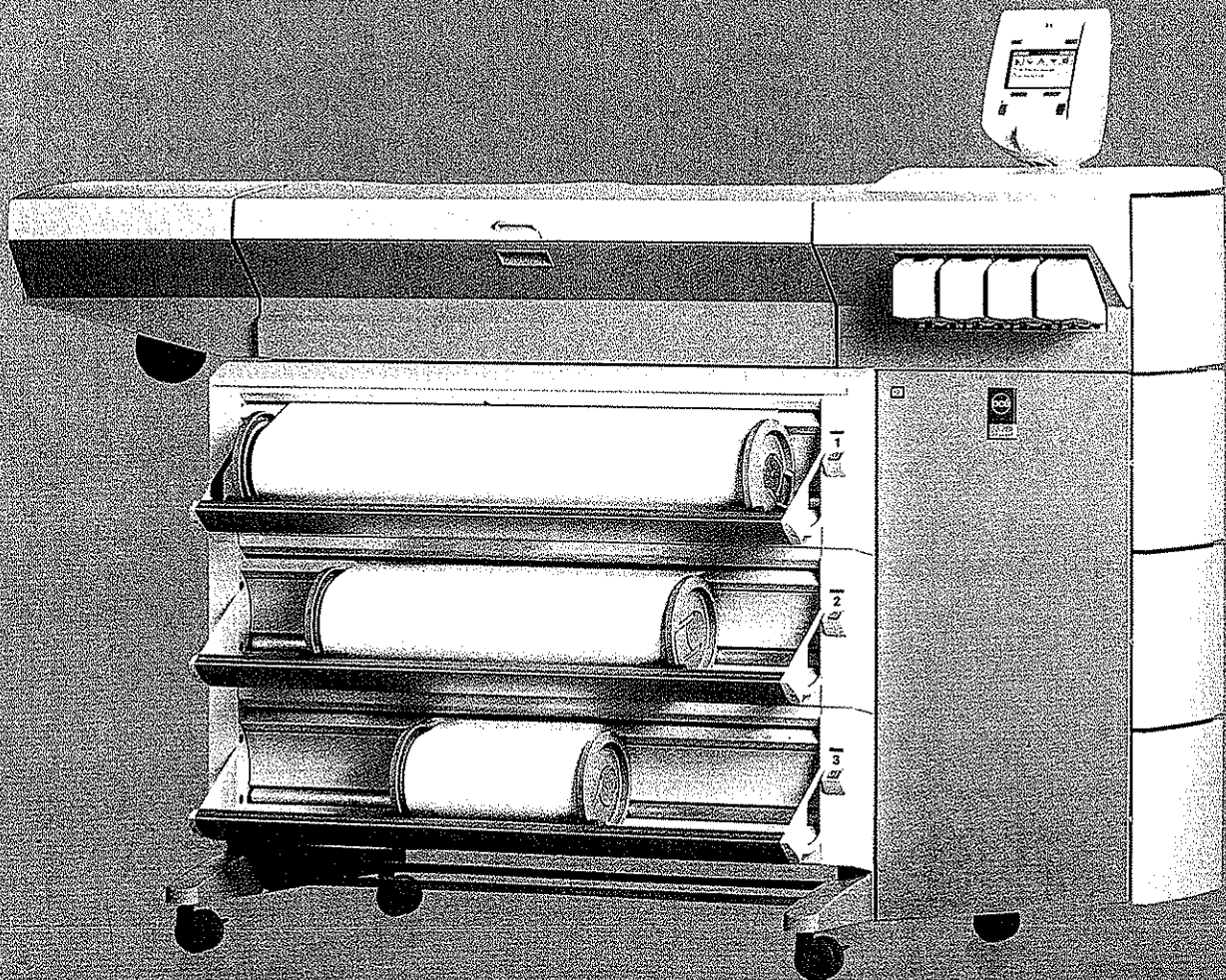
Océ TCS500
Wide format color print, copy, and scan system
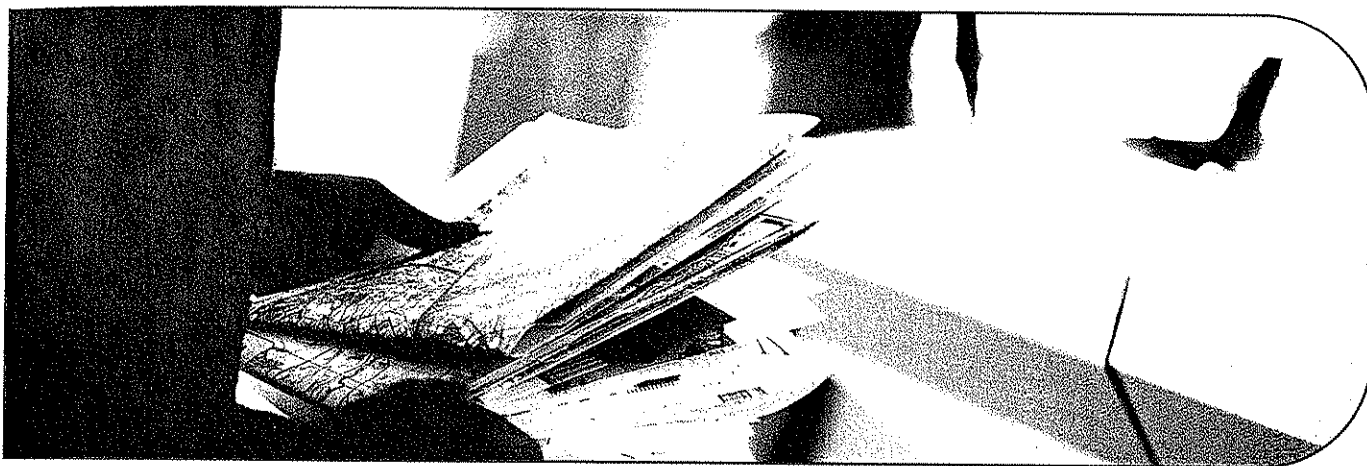
Increasing demand for color plots? Constant time pressure? Now there's a way to streamline your wide format workflow. Whether it's partly or completely in color, the Océ TCS500 has all the answers. With its convenient, intuitive operation, you'll always get excellent results, easily. It's the single system with professional productivity for every wide format task. And it's designed to meet your requirements today and in the future.
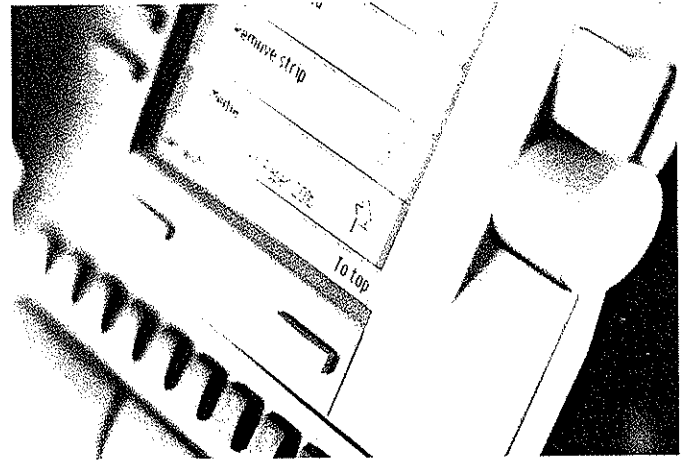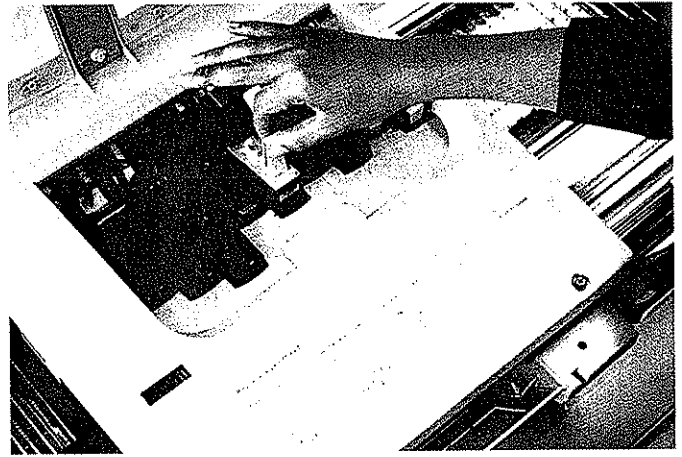
Ready for any job: highly productive

With the Océ TCS500 you can print, copy, and scan all types of originals (monochrome and/or color) quickly and conveniently. In addition, the scanner is ready for use instantly so you don't waste any time. Files are quickly and reliably processed by the Océ Power Logic® controller, which can handle new jobs while printing. Which means the Océ TCS500 is ready to handle every wide format job.

Excellent throughput in color and monochrome

The Océ TCS500 delivers top productivity for every job. The drivers free up your workstation fast when printing, so you can continue working. High speed means an E-size color plot is printed in just a minute. While an E-size monochrome plot is ready in only 40 seconds. There's no need for trimming, and with a choice of finishing options you get your prints quickly and sorted the way you want them.

IT / Network Administration

"I want a printer which integrates easily into my network."

4
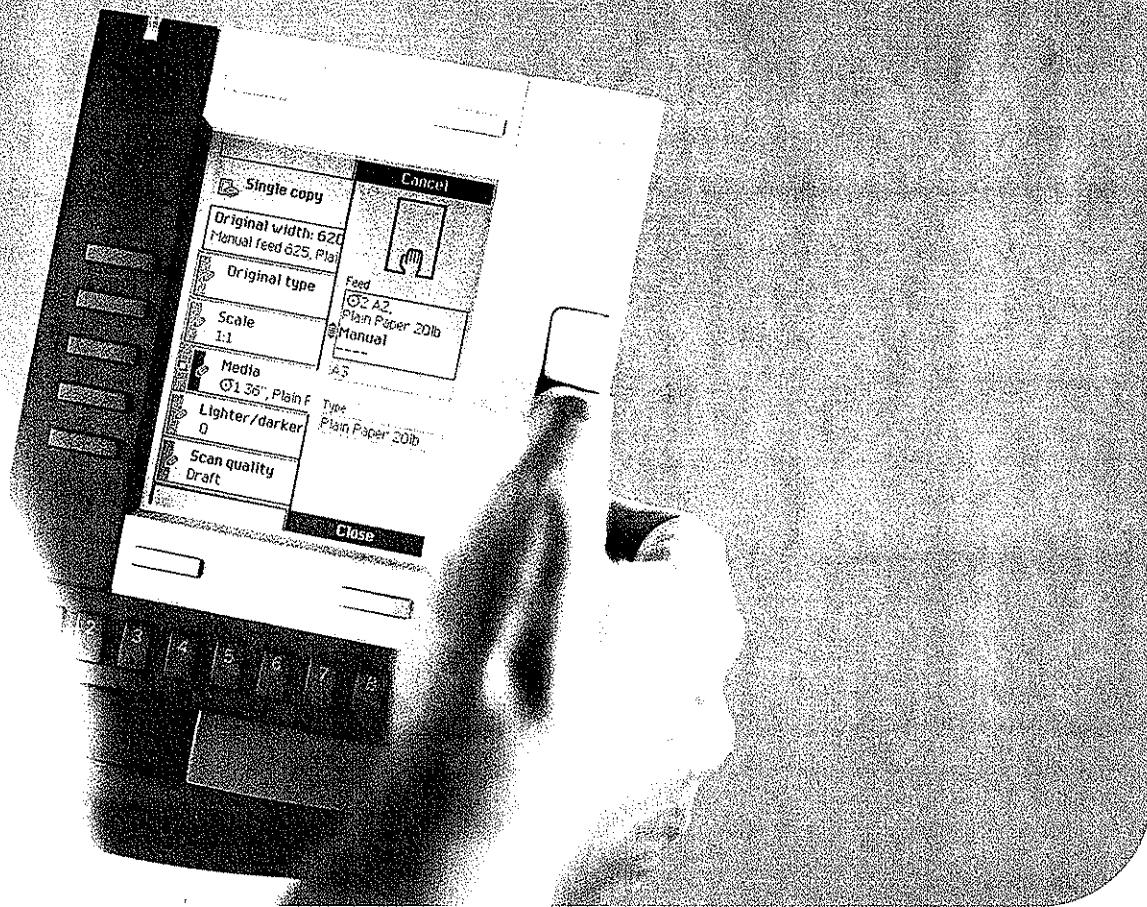
Designed around you

Whether you need to print, copy or scan, the Océ TCS500 makes your work easy. Excellent printer drivers give you helpful system feedback, and with the advanced job submission software you can easily create/store/load even the most complex jobs. The innovative user control panel makes copying and scanning easier than ever. To save time, you can predefine recurring copy and scan jobs in templates making complex operations available at the push of a single button. And with the advanced queue manager you have full control of all pending jobs.

The right results every time

The Océ TCS500's advanced technologies not only make operation easy, they also ensure optimal quality. The unique Dynamic Switching Technology automatically prints images in high quality and lines/text at full speed in the same document. So you get high print quality without sacrificing productivity, and without the need for complex print settings. You also have access to pre-defined color management modes to print the colors you expect. The proven Océ Image Logic® technology enables you to make copies that are even better than the original.

5
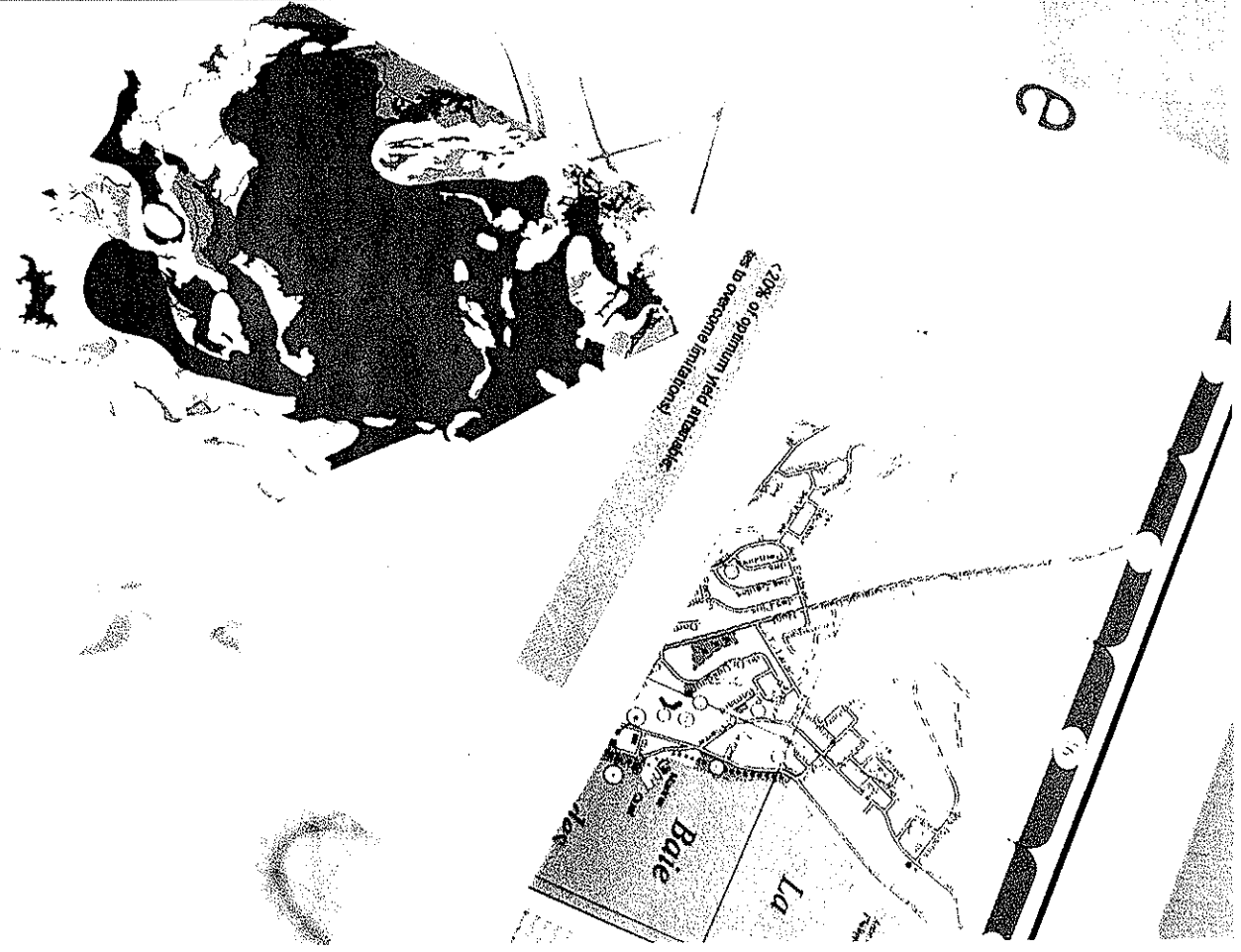
Performance you can count on

Like every professional Océ system, the Océ TCS500 is designed for sustained high performance. That's reflected in numerous functions that save you time and avoid unnecessary interruptions. Like the fully automated printer calibration that enables reliable overnight printing. And the fact that you can change rolls and replace inks without stopping the production.

Fully configurable to your needs

The Océ TCS500 can be fully configured to match your needs. You can choose 1, 2 or 3 media rolls, configure the processing memory in the controller and select the desired finishing option. In addition, you can establish a technology growth path with the Océ TCS500. Start with a productive printer today and add copying and scanning capabilities as your workflow requires. This protects your initial investment and allows you to grow in the future.

Management

"I want a printer that keeps everyone happy."
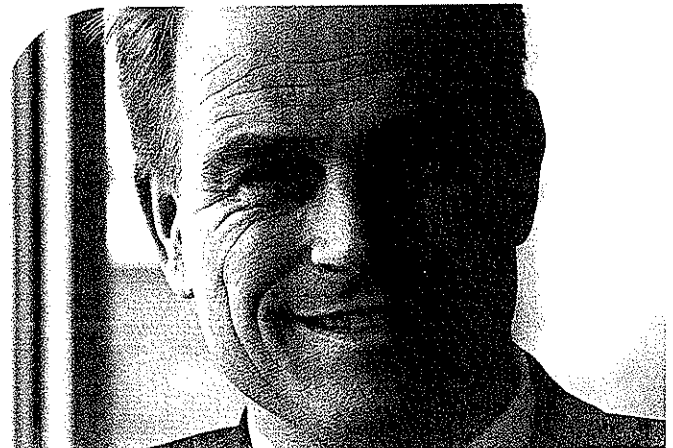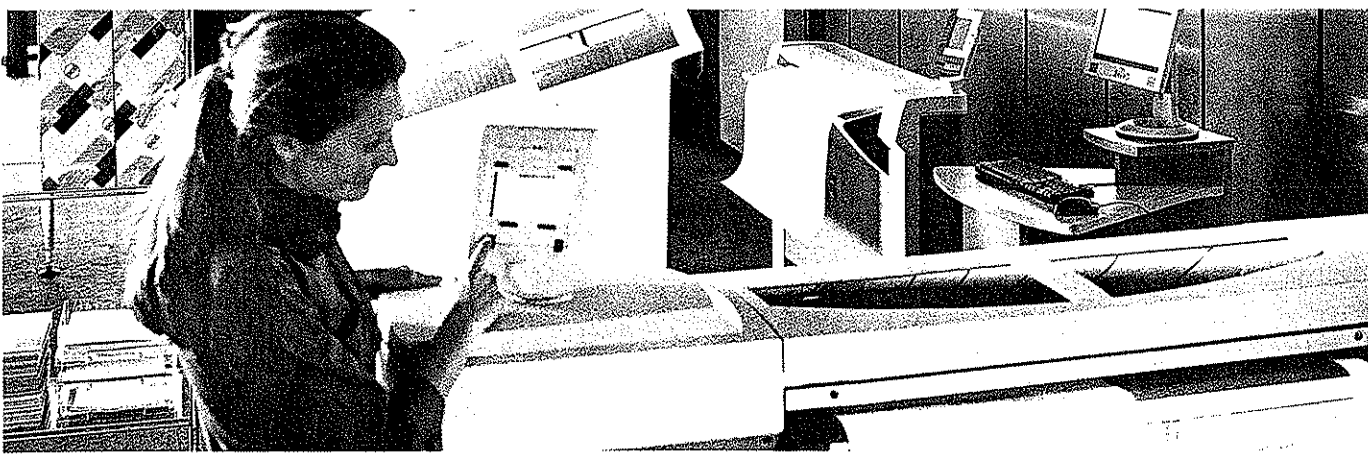
No time to waste

A safe investment

Your business, and your working process, are most probably
changing constantly. That's why the versatile Océ TCS500
provides a cost-effective growth path for future upgrades
of both system hardware and software. We also provide an
extensive program of services and support to optimize your
return on investment right through the system life cycle.

CAD
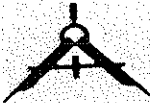
*"I want a printer that gives
me good quality to support
my design processes."*

Beyond the Ordinary

Océ helps the people who make our world. Companies everywhere use Océ high-speed printing, technical documentation, and professional document systems to keep the wheels of business, industry and government turning. Océ also helps the world. Developing products and services that add value to the document processes of our customers, while minimizing environmental impact and protecting health and safety, has always been one of our core principles. From bank statements to utility bills, from blueprints to newspapers, from on-demand documents to wide-format display graphics, Océ helps our professional customers go "Beyond the Ordinary" in print and document management.

CHARLESTON BLUEPRINT, INC.

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Océ Wide Format Printing Systems Partners and Awards

CLEARLY™
Adobe
IMAGING

Designed for Microsoft® Windows® Server 2003

AutoCAD 2006 Compatible · Autodesk

DASSAULT SYSTEMES · GOLD SOFTWARE PARTNER

iF communication design award 2006

iF product design award 2007

N YES TESTED & APPROVED Novell

Océ RoHS Compliant

CITRIX

ENERGY STAR

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Ave. Pol. Paseo de la
Reforma No. 1236 Piso 4
Mexico City, DF 05348
52-55-5089-8700
email: mex.info@oce.com

For information and services, visit us at:
www.oceusa.com

ES-24974 11/07 SLS/AV
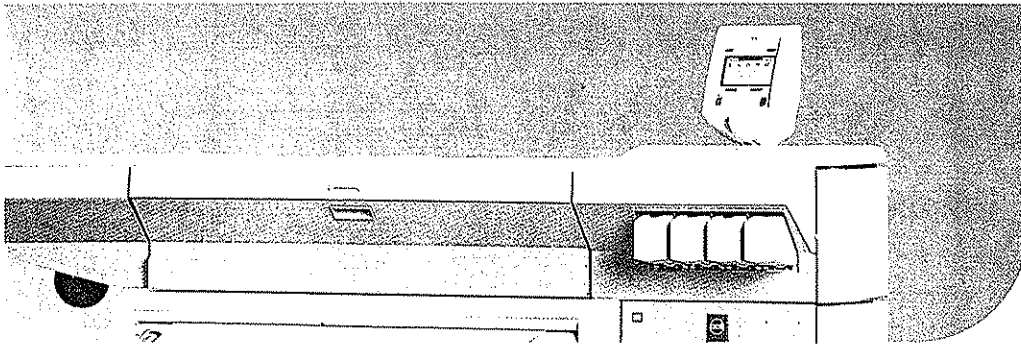
Océ
TCS500

No time to waste

Puts CAD printing in the fast lane

The Océ TCS500 has all the answers to streamline your wide format workflow.
It's the single system with professional productivity for every wide format task.
Designed to meet your requirements today and in the future.

Océ TCS500 Print Engine

Technology
Multi printhead thermal inkjet
Printheads
9 semi-permanent printheads with
640 nozzles each (3× Black, 2× CMY)
True resolution
600 × 600 dpi
Minimum pen thickness
0.003"
Ink
Black ink: pigment based
Cyan, magenta, yellow: dye based
Size of ink tanks
400 ml and 200 ml for CMYK
Ink level monitoring
- Ink level indication in %
- Out of ink signaling
Calibration
- Automatic print head alignment
- Failing nozzle compensation
- Unattended printing in the overnight mode

Maximum throughput
- B&W 40 sec./E size
- Color 60 sec./E size
Color modes
B&W/Grayscale, Color
Quality modes
- Check, Release, Presentation
- Dynamic Switching technology in Release
  mode: automatically optimize the print
  quality and print speed when printing
  lines, text, and images on the same page.
- Convenient Color Management modes to
  provide full control of color output. Easy
  selectable options to emulate other inkjet
  devices. Enhanced sRGB and Adobe® RGB
  printing for RGB data and Euroscale coated
  and uncoated, U.S. web coated (SWOP)
  and uncoated for CMYK data. CAD color
  option delivering strong CAD color lines
  for drawings.
Document delivery
Front-accessible receiving tray

Options
- Copy receiving rack
- On-line folder

Media

Media sources
1, 2 or 3 easy front loadable rolls
Roll selection & switching
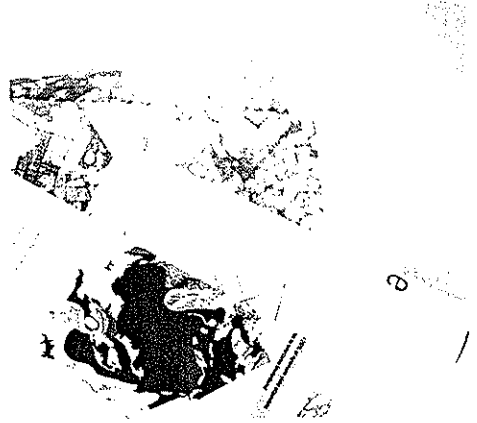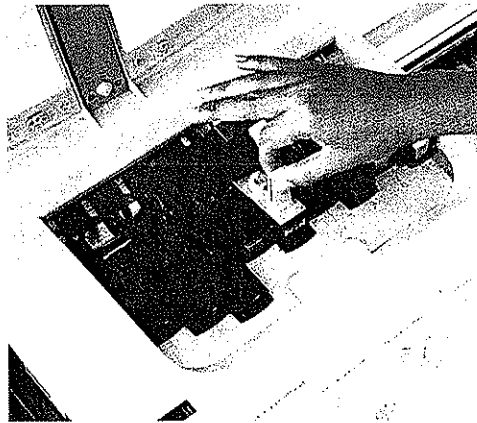Manual, Automatic
Media core size
2"
Media types
- Uncoated (17–24#)
- Coated (24#)
- Translucent bond (18#)
- Polyester films (3–4 mil)
- Photo gloss (28–50#)
Media sizes
- Width: 11" up to 36"
- Length: 8.5" up to 197"
Printing longer lengths possible but
might influence side margins

Width detection
Automatic
Maximum roll length
300 ft.
Margins
- Leading and trailing strip: 0.2"
- Left and right sides: 0.1"
Cut length
Standard, synchro or user defined
Supported media formats
DIN, ANSI, ARCHI

Environment Print Engine
Dimensions
77" (w) × 41" (D) × 58" (H)
Weight
364–397 lbs.
Electrical requirements
100/120/230 V 50/60 Hz
Power consumption print engine
- EPA-sleep mode 2 W
- Standby 109 W
- Run 159 W
- EPA-sleep mode (including controller) 64 W
Noise level
- =< 44 dB (A) standby
- =< 65 dB (A) printing
Safety approvals
CE-compliance, TÜV-GS (IEC60950),
UL, Cul (according to standard CAN/CSA-
C22.2 No 60950), CB Compliance with EN
60950, EMC directive 89/336/EEC
Other
The Océ TCS500 has earned the
Energy Star®

Océ TCS500 Scanner
Scanning technology
Océ's patented Direct Scan color technology
- Innovative light source—accurate colors
- Single Mirror—eliminating risk of distortion
- High resolution reduction camera—
  ensuring color consistency and sharpness
Resolution
575 dpi (optical), up to 600 dpi (interpolated)
Camera
Single, 3 color linear CCD, 21360 pixels per
color line, 24 bits color
Speed
- B&W 10 linear ft./min. or 2 E size/min.
- Color 3.5 linear ft./min. constant in all
  scanning modes
Optional Speed Upgrade
- B&W maximum 16.4 linear ft./min.
  at resolution up to 200 dpi
- Color maximum 13.1 linear ft./min.
  at resolution up to 150 dpi
Scan accuracy
0.1% +/- 1 pixel
1:1 accuracy for E size original
Below 0.3%
Warm-up time
None, instant-on even for color scanning
Scanner user interface
- Intuitive and multilanguage support
- Up to 5 user-defined templates for copying
- Up to 5 user-defined templates for
  scan-to-file
This means even complex jobs can be
performed at the touch of a single button.
Copy and scan modes
- Monochrome: lines & text, grays & lines,
  dark original, blueprint, transparent,
  and photo
- Color: lines & text, artwork, map, photo
Input modes
Single sheet, set collated, multiple sheets

Set memory
Up to 999 copies from a set of up to 2,400
E size originals
Output roll
Manual or automatic selection with user
defined criteria
Output edges
Leading and trailing edge adjustments.
Standard cut and synchro cut modes.
Reproduction scale
Custom zoom 10-1000%, adjustable in
0.1% steps. Auto zoom to standard paper
formats.
Image editing
Image shift, align, mirror, crop, delete area

Originals
Size recognition
Accurate digital automatic width detection,
indication on scanner panel of the exact
measured width.
Original feed
Face-down, right aligned. Automatic feed
off/on.
Original sizes
- Image width: 8"–36"
- Original width: 8"–40"
- Original length: 8"–49 ft.
- Maximum document thickness: 0.12"
Output reception
Automatic rewinding or integrated delivery
tray (no extra footprint)

Environment
Dimensions
51.2" (w) × 25.6" (D) × 51.2" (H)
including operator panel

Weight

154 lbs.

Electrical requirements

100–230 V, 50–60 Hz

Power consumption

- Sleep mode 5 W
- Standby 18 W
- Run 105 W

Sound Pressure

- Sleep mode 0 dB (A)
- Standby 23 dB (A)
- Operating 50 dB (A)

Océ Power Logic® Controller

Platform

Océ controller with embedded
Windows® XP

Memory

512 MB standard, expandable to 1024 MB

Hard disk capacity

80 GB

Graphic User Interface

Optional: keyboard, mouse, and monitor

Power consumption

- Run 87 W
- Idle 67 W
- Off 3.1 W

Electrical requirements

120/230 V, 50/60 Hz

Standard interface

RJ45

Network

Ethernet 10/100baseT

Network protocol

TCP/IP, IPX/SPX

Printing protocol

LPR/LPD/LPQ/LPRM, Pserver (Novell®)
3.x/4.x/5.x, FTP

Language sensing

Automatic

File formats

- Vector: HP-GL, HP-GL/2, Calcomp
- Raster: HP-RTL, TIFF 6.0, CALS, C4, NIRS/NIFF, JPG
- (optional) Adobe Postscript 3™/ PDF-printing

Concurrency

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

Number of prints

1–999

Plot manipulation

- (Auto) Rotation, auto-scaling, positioning
- Pen management
- Leading and trailing strip adjustment (add or remove up to 15.7"), horizontal mirroring

Drivers and Job Submission

Drivers

WPD

Windows 2000, Windows XP, Windows
Server2003, Windows Terminal Server,
Citrix® Metaframe

HDI

AutoCAD® 2000, 2000i, 2002, 2004, 2005,
2006 (on all supported platforms)

Océ Adobe PostScript 3

Windows 2000, Windows XP, Windows
Server2003, Mac® OS9 and OSX

Job submission

Océ Print Exec® Workgroup Basic software:
powerful web-based software application for
easy printing of collated sets of documents

Océ Remote Applications

**Local and remote user
communication system**

Océ Queue Manager

- Possible to change settings of printed jobs and jobs on hold
- View number of sets and number of pages per set for each job
- Manage jobs: hold, resume, delete, move to top
- View status of jobs

- Inbox for release by operator or remote user
- History queue for reprint of jobs
- Four levels of user rights (password protected)
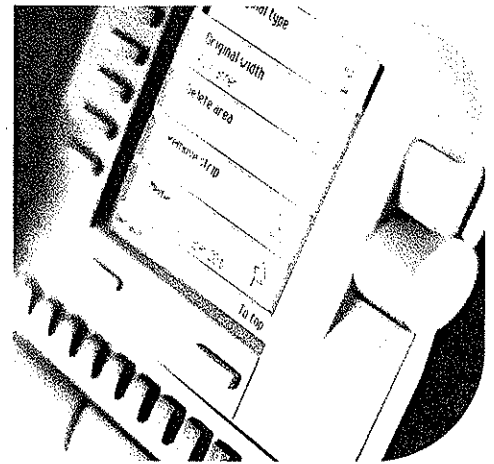
Océ System Control Panel

View status of system components:
printer, controller, memory

Océ Settings Editor

- Customize and optimize the workflow by editing and saving default settings
- Separate settings for different users levels

Océ Scan Logic® Software (optional)

Océ Scan Logic software is an optional
scan-to-file software suite for the Océ
TCS500 multifunctional system

Applications

- Océ Scan Manager, integrated scanning solution and Océ View Station LT for viewing at point of scanning

Scan destinations

- 10 programmable destinations directly selectable from scanner panel
- Scan to Web using FTP
- Scan to network directory
- Scan to controller

Scan technology

- Océ Color Image Logic® intelligent image processing for B&W, grays, and full color for "right first time" results

Resolution

Selectable from 72 up to 600 dpi

Data formats

TIFF (uncompressed, Packbits, G3, G4
and LZW), PDF (uncompressed, Flate,
LZW and G4), CALS

3/4

Scan modes

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 color.

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 Software (optional)

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 easy 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 (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
- Customized accounting fields
- Alphanumeric account input
- Open to third-party accounting software solutions

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(800) 220-9625	(304) 760-0168 FAX

Océ Wide Format Printing Systems Partners and Awards

CLEARLY™ **Adobe** IMAGING

Designed for Microsoft Windows Server 2003

Designed for Microsoft Windows XP

DASSAULT SYSTEMES

autodesk authorized developer

ENERGY STAR

iF communication design award 2006

iF product design award 2007

N YES TESTED & APPROVED Novell

Océ RoHS Compliant

iF GOLD Océ TCS500 product design award 2007

BERTL's BEST 2007 www.bertl.com

CiTRIX

Printing for Professionals

Océ helps the people who make our world. Companies everywhere use Océ high-speed printing, technical documentation, and professional document systems to keep the wheels of business, industry and government turning. Océ also helps the world. Developing products and services that add value to the document processes of our customers, while minimizing environmental impact and protecting health and safety, has always been one of our core principles. From bank statements to utility bills, from blueprints to newspapers, from on-demand documents to wide-format display graphics, Océ helps our professional customers go "Beyond the Ordinary" in print and document management.

Océ North America

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Delegación Cuajimalpa
México, D.F. 05348
México
52-55-5089-8700
email: mex.info@oce.com

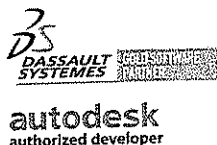For information and services, visit us at:
www.oceusa.com

# Masters monochrome, ready for color

Wide format print, copy and scan system

océ

Masters monochrome, ready for color

Wide format print, copy and scan system

The resource intensive process of producing technical documents has just gotten easier with the Océ TDS450. The Océ TDS450 offers a flexible printing, copying and scanning solution that meets your business' productivity, quality, and cost efficiency requirements. With its advanced features, intuitive user panel, and optional full color scanning capability, it makes an ideal walk up print/copy solution now and for years to come.
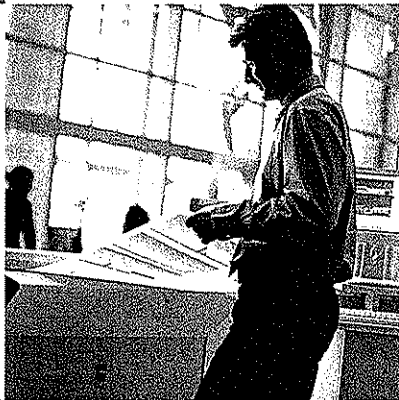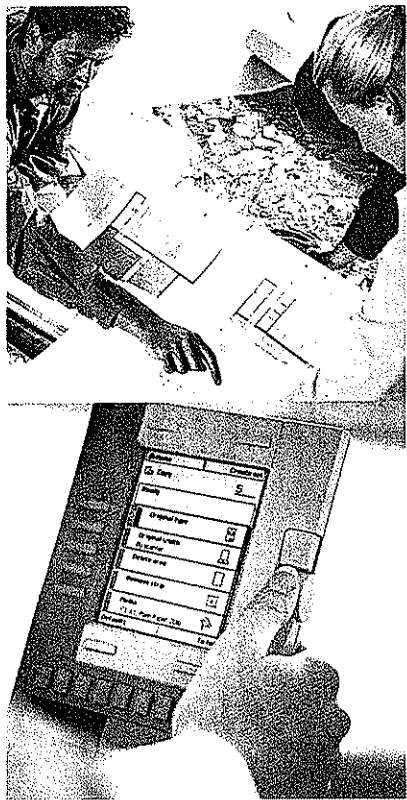
## Flexible Configuration: Fits into your environment

The Océ TDS450 optimizes the handling of large format documents by offering a 10 lin ft/min. printing solution, that seamlessly fits into your work-flow. Copy/scanning upgrade options give you a solution that works for you now and in the future. By offering exceptional job submission tools, such as Océ Client tools and print drivers for AutoCAD, Windows and Macintosh, Océ solutions compliment just about any working environment.

Advanced Scanning Options: Enhance communication

The Océ TDS450 offers cutting edge scanning technology - facilitating the digitization of your physical archive. With color or monochrome scanning capability, the Océ TDS450 gives you the flexibility to capture red line or color mark up drawings for distribution and archival. The 10 scan-to-file destination options include scanning to the controller, network locations or FTP, enabling you to share and store digital images in one step. Communication is accelerated within organizations or across multiple sites – saving hours and even days in the drawing review and distribution process. Océ brings you one step closer to a color workflow even if you may not be ready for full production color printing.

Océ Color Image Logic

1. *Original*
2. *Scanning*
3. *Color module converts RGB data to grays, making sure that the lightest colors are visible (e.g. yellow)*
4. *Automatic Background Compensation removes unwanted background*
5. *Filtering sharpens text and lines*
6. *Halftoning ensures smooth gradients*
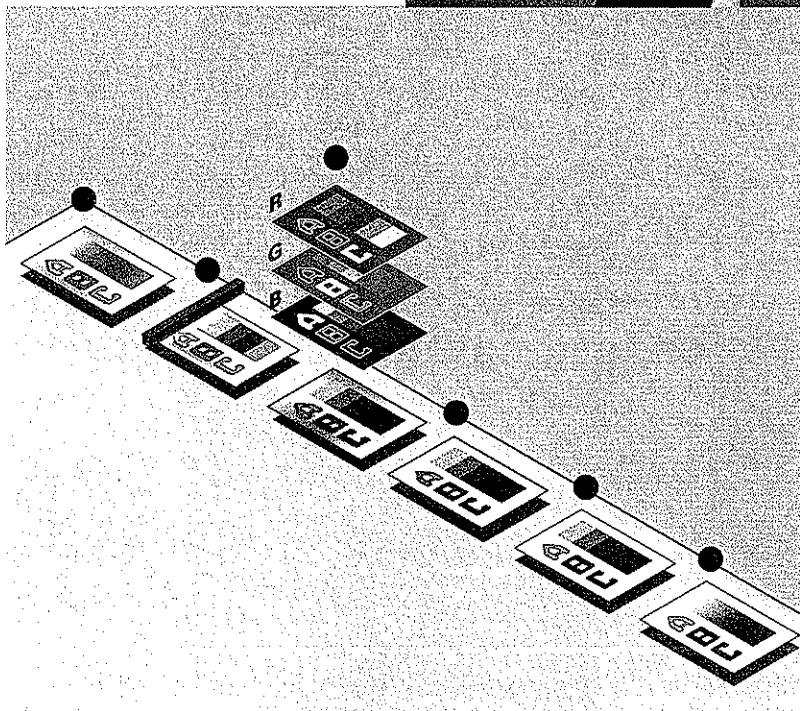
Optimized Workflow: Increases User Productivity

Are your employees spending too much time defining copier settings, waiting for prints or manually collating sets of drawings? The Océ TDS450 is inherently designed to optimize your whole document creation process. The Océ Power Logic Controller ensures rapid processing of large files and concurrent scanning, copying, and printing thus minimizing queue length and employee downtime. Warm up time is eliminated with the "Instant-on" behavior of the Océ TDS450 printing system with the patented Radiant Fusing technology. Robust job submission tools, an intuitive user interface, and efficient automatic functions enable employees to spend less time handling the equipment and more time on core responsibilities. There are no complex operations. You get the output you need, when and how you want it.

Quality Output: Projects professional image

Within the Océ TDS450 scanner, Océ provides Image Logic® technology, the industry standard for automatically enhancing scanned images and bringing the highest level of quality to copied or scanned documents whether black and white or color. Whatever the condition of the original drawing, the appropriate detail is retained, and background noise is removed at the touch of a button - leaving crisp clean drawings. To further ensure the professional presentation of your critical information, the TDS450 supports printing and scanning up to 600 DPI.

Useful Management tools: Controls system activities

Océ provides tools and advanced security controls for managing access and control of the system. A cutting edge queue management application enables prioritization and reprint of print or copy jobs for tighter control of the printing/copying process. For organizations trying to control costs, the Océ Account Center option provides an effective means for cost recovery by tracking all the printing, copying and scanning activities of the system.

## Customized Settings: Saves time and effort

With the intuitive user panel and customizable scan-to-file and copy templates, employees can easily perform system functions, eliminating costly trial and error. With the simple operation on the Océ TDS450, you get the output you want on the first try. Even occasional users won't waste valuable time finding the right settings.

Proven reliability: Increase efficiency, decrease downtime

Reliability and flexibility are key trademarks of Océ solutions - assuring the ability to meet your tough deadlines. Océ systems are highly regarded for their continuous, trouble-free performance- minimizing system and employee downtime.

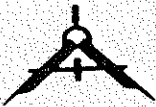## Environmentally friendly: Fits in any work environment

With today's lowest noise, heat and ozone emissions, the Océ TDS450 is ideal for departmental placement close to user workgroups. It ensures a comfortable working environment, exceeding industry standards and regulations.

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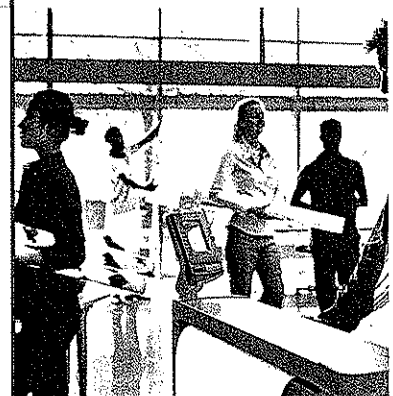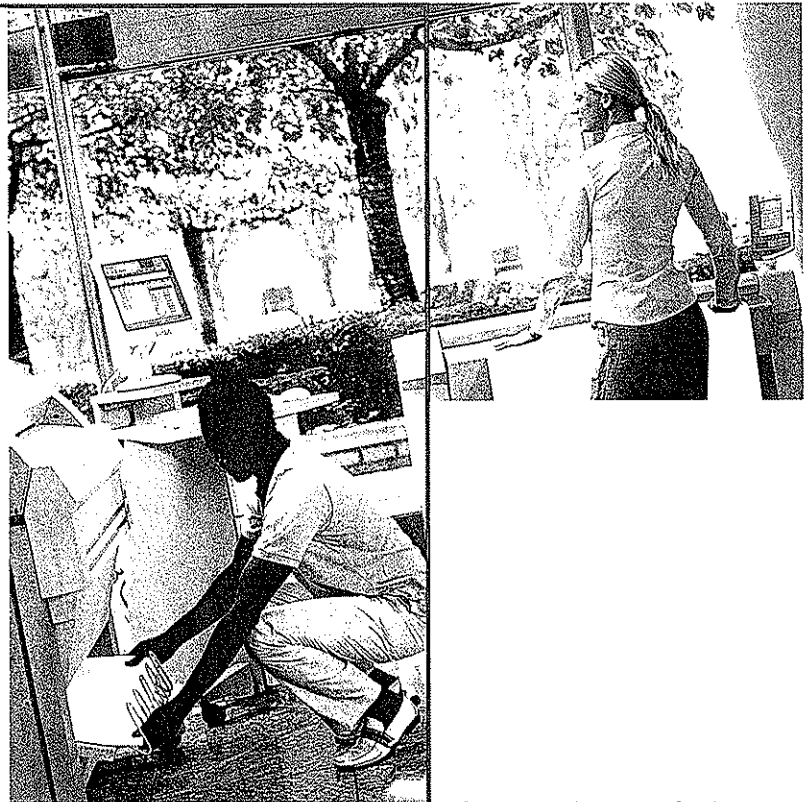
Printing for Professionals

Océ is a leading supplier of digital document management and delivery technology. The company's solutions are based on Océ's advanced software applications that deliver documents and data over internal networks and the Internet to printing devices and archives—locally and around the world. Supporting the workflow solutions are Océ digital printers and scanners, considered the most reliable and productive in the world. Océ also offers a wide range of consulting and outsourcing solutions.

CHARLESTON BLUEPRINT, INC.
1203 VIRGINIA STREET EAST   3057 MOUNT VERNON ROAD
CHARLESTON, WV 25301   HURRICANE, WV 25526
(304) 343-1063   (304) 760-0166
(800) 220-9625   (304) 760-0168 FAX

Océ North America, Inc.

Océ Wide Format Printing Systems	Océ-Canada, Inc.	Océ Mexico S.A. de C.V.
5450 North Cumberland Avenue	4711 Yonge Street, Suite 1100	Ave. Pol. Paseo da la Reforma
Chicago, IL 60656	Toronto, Ontario, M2N 6K8	No. 1236 Piso 4
1-800-714-4427	Canada	Col. Sante Fe
1-773-714-4076	1-800-668-1945	Delegación Cuajimalpa
Fax 1-713-714-4056	Fax 1-416-224-5778	México, D.F. 05348
www.oceusa.com	email: info@oce.ca	México
email: info@oceusa.com		52-55-5089-8700
		mercadotechniamx@oce.com.mx

Océ TDS450

Masters monochrome, ready for color

Océ TDS450 Printer Technology

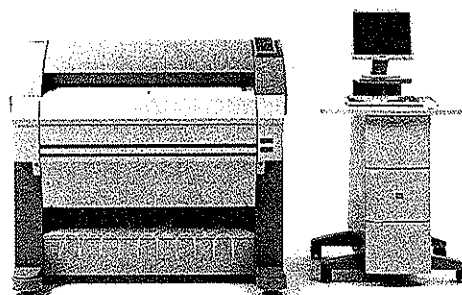|	
Printing technology	Electrophotography (LED) with Organic photoconductor
Resolution	600 dpi
Print optimization	User specified print optimization modes: Lines & text, Standard, and Poster
Fusing technology	Océ Radiant Fusing, instant-on
Toner system	Clean closed toner system, refill while printing

Throughput

Speed	Constant 10 lin. ft/min., or 2 "E" size/min. in all print modes
Warm-up time	None, instant-on
Paper path	Optimized, continuous printing speed when printing jobs from different rolls

Media

|	
Media sources	Choice of 1 or 2 rolls plus manual feed 2 roll version includes integrated stacker for up to 100 prints
Media capacity	Up to 500 feet per roll with automatic roll switch
Media widths	Roll widths 11.5" - 36"
Media types	Plain, transparent, recycled; fluorescent and colored paper, films and vellums
Output sizes	From "B" to "E" and 36", up to 49 ft. long

Océ TDS450 printer

Environment

Dimensions	53.5" (W) x 40"(D) x 50"(H)
Weight	Approx. 386 lbs. (1 roll version,) 408 lbs. (2 roll version)
Mains Supply	100/120/230V, 60Hz
Power consumption:	EPA ENERGY STAR® compliant, sleep mode 6 W, standby, 28 W, operating 1340 W
Sound pressure	Sleep mode 0 dB(A), standby 24 dB(A), operating 54 dB(A) according to EN 7779 operator position
Safety approvals	TUV, GS, CETECOM, CE, Complies with Directive 89/336/EEC and FCC rules and regulations, part 15 Class A, (c) UL Scanner partly complies with US Federal section 508
Ozone emission	< 0.001 ppm on average; 0.005 ppm at peak production
User languages	Switch on the spot between 2 preferred languages among 18 supported languages

Océ TDS450 System data

Océ TDS450 scanner

Scanning technology	Océ's patented Direct Scan color technology
	■ Innovative light source - accurate colors
	■ Single mirror - eliminating risk of distortion
	■ High resolution reduction camera - ensuring color consistency and sharpness
Resolution	Up to 600 dpi (interpolated)
Copy and scan modes B&W and Gray (standard)	Lines & text, Grays & lines, Dark original, Blueprint, Transparent and Photo
Scan modes (option)	Color
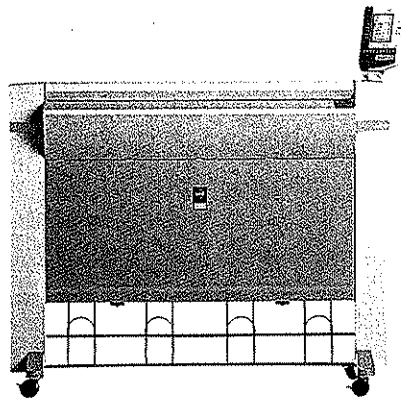
Océ TDS450 scanner

Scanner user interface	■ Intuitive and multi-language
	■ 5 user defined templates for copying
	■ 5 user defined templates for scan-to-file
Camera	Single, 3 color linear CCD, 21360 pixels per color line, 24 bits color

Océ TDS450 scanner user interface

Throughput

Scan/copy speed (Standard)	B&W- 10 lin. ft/min. or 2 "E" size/min. Grayscale & color (option) 3.5 lin. ft./min. constant in all scanning modes
High Speed Logic (optional)	B&W - maximum 16.4 lin ft/min at resolution up to 200 dpi Grays & color - maximum 16.4 lin ft./min at resolution up to 150 dpi
Warm-up time	None, instant on even for color scanning
Output reception	Automatic rewinding or Integrated delivery tray, no extra footprint
Copying behavior	No user intervention with automatic width detection and roll selection
Concurrency	Continuous feeding of copy jobs and scan jobs Pre-programming of next job.

Original

Original feed	Face-down, right aligned. Automatic feed off/on
Original sizes	Image width: 8" - 36", original width: 8" - 40", original length: 8" - 49 ft.

Imaging

Image processing	Océ patented Image Logic® technology in 4 steps converting RGB data into 256 gray scales, removing unwanted background, sharpening text, enhancing weak information and ensuring smooth gradients
Exposure control	Automatic, manual fine adjustment, background compensation on/off
Reproduction scale	Custom zoom 10-1000%, adjustable in 0.1% steps. Auto zoom to standard paper formats.
Accuracy	0.1% +/- 1 pixel
1:1 accuracy for "E" original	Below < 0.3%
Image editing	Image shift, align, mirror, crop, delete area
Copy stamping (optional)	Copy stamping easily adds stamps to any copied documents
Color space (Scan-to-file option)	Accurate sRGB

Functions

Multi-copy mode	1-999 copies
Input modes	Single, Set collated, Multiple sheets
Set memory	Up to 999 copies from a set of up to 2,400 "E"-size originals
Output roll	Manual or automatic selection with user defined criteria

Océ TDS450 System data

Output edges	Leading and trailing edge adjustments. Standard cut and synchro cut modes.

Environment

Dimensions	51.2" (W) x 25.6"(D) x 41.3"(H) incl. operator panel
Weight	154 lbs.
Mains Supply	100-230V, 50-60Hz
Power consumption	Sleep mode 5 W, standby, 18 W, operating 105W
Sound pressure	Sleep mode 0 dB(A), standby 23 dB(A), operating 50 dB(A) according to EN 7779 operator position

Océ Power Logic® Controller

Platform	Océ controller with Windows® XP embedded
Concurrency	■ Print, copy, scan simultaneously ■ Process next jobs during printing
Hard disk capacity	2 x 80 GB high speed hard disk dedicated to file spooling and set memory ■ Up to 999 copies of set up to 2,400 "E" size ■ Send once, process once, print many
File formats	HPGL, HPGL2, Calcomp 906/907/951 HPRTL, TIFF 6.0, CALS1, NIRS, C4, ASCII, optional Adobe® PostScript® 3™/PDF
Memory	1 Gb
Interface	Ethernet 100/10 Mbits/s with RJ45
Network protocols	TCP/IP, NetBEUI (smb), Novell (IPX/SPX), FTP, LPD Other protocols supported through an external print server
Functionality	■ Multiple prints, up to 999 ■ Automatic file format sensing ■ Automatic roll selection and switching ■ Plot manipulation: auto positioning, rotation, auto scaling ■ Pen management ■ Auto rotate production mode for faster printing
Power consumption	Controller: 62.5 W
Flat screen monitor	Sleep mode 2 W, operating at 16 W

Océ Remote Applications

	Local and remote user communication system
Océ Queue Manager	■ Manage print and copy jobs: hold, resume, delete, move to top ■ View status of print and copy jobs ■ View number of sets and number of pages per set for each job ■ Inbox for easy release at point of printing ■ History queue for reprint of print and copy jobs ■ Four password protected user levels
Océ System Control Panel	View status of system components: printer, scanner, controller, memory
Océ Settings Editor	Customize and optimize the workflow by editing and saving defaults settings.
Supported operating systems	Windows 98, Me, 2000, NT4.0 SP3 and XP. Platforms and operating system supporting Java 1.1.8 or higher

Océ Scan Logic®

	Océ Scan Logic is an optional scan-to-file software suite for the Océ TDS450 Multifunction systems
Applications	Océ Scan Manager, integrated scanning solution and Océ View Station LT for viewing at point of scanning
Scan destinations	■ Ten programmable destinations selectable from scanner panel ■ Scan to Web via FTP ■ Scan to network directory ■ Scan to controller
Scan technology	Océ Color Image Logic intelligent image processing for B&W, Grays, and full color with up to 6 special original modes.
Resolution	Selectable from 72 up to 600 dpi
Data formats	TIFF (uncompressed, Packbits, G3, G4 and LZW and G4), PDF (uncompressed, Flat, LZW and G4), CALS
Scan Modes	Single scan, stream feed productive batch scanning with or without checkplots
File naming	Automatically generates unique file names for each scan. Change file name at point of scanning.
User interface	5 User defined job templates
Viewing	View scans (color or B&W) at point of scanning
Minimum requirements	Graphical user interface on Océ Power Logic controller

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Océ TDS450 System data

Options
- Océ View Station for editing and enhancement of scanned documents on remote PC's
- Océ Batch Processor for automated editing
- Color Logic—enables scan-to-file in color accurate sRGB
- High Speed Logic—enables faster input speed

Optional Software

Océ Account Center

Enforces entry of valid account information for system use and tracking of printing, copying and scanning activities

Functions
- Printer and scanner lock out
- Customized accounting field
- Open to third party accounting software solutions

Océ Print Exec® Workgroup

Océ Print Exec Workgroup is a powerful and efficient web-based job submission tool.

Functions
- Backchannel printer status information
- Stamping
- Set up & store different print configurations
- Banner settings
- Previewing
- Save, recall and reprint jobs

Drivers and job submission software

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

Océ Windows driver
- Windows 2000, XP, Windows Server 2003, Windows Terminal Server, Citrix Metaframe
- Optimized for AutoCAD
- Microsoft signature

Océ Adobe Postscript®3 drivers
Windows 2000, XP, Windows Server 2003 and Mac OS9 and QSX

Océ Print Exec® Workgroup LT (standard)
Web-based software application for easy printing of collated sets of up to 10 documents. Includes online viewing of printer status and queue.

Copy Delivery Tray (Optional)

Model	Wheeled delivery tray
Capacity	Up to 150 sheets (media type dependent) from "B" to "E" sizes
Power consumption	< 40 W
Electrical requirements	120/230 V, 50-60 Hz
Dimensions	46" (W) x 56.7" (D) x 43" (H)
Weight	78 lbs.
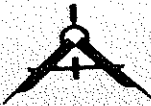
Autodesk
Authorised Developer
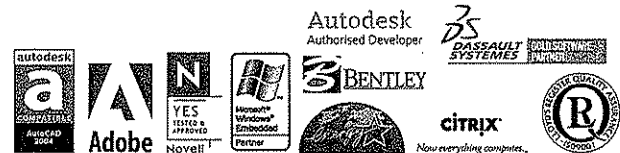
Océ and its subsidiaries (Océ) and distributors are not responsible for printer performance issues and output quality issues arising from the use of toner, media or software that has not been approved in writing by Océ for use in the Océ TDS450.

Océ North America, Inc.

Printing for Professionals

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