



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

Request for Quotation

RFQ NUMBER
5890004

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
**MICHAEL AUSTIN
 304-558-2402**

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE
**FROM OFFICE SOLUTIONS
 TODD YOUNG
 3006 MT. VERNON RD
 SUITE 1010
 HURRICANE, WV 25526**

SHIP TO

**DIVISION OF HIGHWAYS
 VARIOUS LOCALES AS INDICATED
 BY ORDER**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/26/2009				

BID OPENING DATE: **07/01/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	11	EA		938-31	See pricing page	
	ENGINEERING	PRINTING SYSTEM				
0002	1	EA		205-41		
	WIDE FORMAT	SCANNER				
<p>TO PROVIDE ELEVEN (11) ENGINEERING PRINTING SYSTEMS AND ONE (1) WIDE FORMAT SCANNER THAT WILL INCLUDE INSTALLATION, MAINTENANCE AND TRAINING FOR THE WEST VIRGINIA DIVISION OF HIGHWAYS PER THE ATTACHED SPECIFICATIONS.</p> <p>THERE WILL BE A MANDATORY PRE-BID CONFERENCE AT THE PURCHASING DIVISION, BUILDING 15, CONFERENCE ROOM, AT 10:00 AM ON 06/18/2009. FAILURE TO ATTEND THE PRE-BID WILL RESULT IN BID DISQUALIFICATION.</p> <p>QUESTIONS: WRITTEN QUESTIONS WILL BE ACCEPTED THROUGH CLOSE OF BUSINESS (5:00 EST.) ON THURSDAY, 06/11/09. SEND YOUR QUESTIONS TO: PURCHASING DIVISION ATTENTION MICHAEL AUSTIN 2019 WASHINGTON ST. E. CHARLESTON, WV 25305</p> <p>QUESTIONS MAY BE SENT VIA FAX, EMAIL, OR REGULAR MAIL. E-MAIL: MICHAEL.D.AUSTIN@WV.GOV FAX: 304-558-4115</p> <p>IT IS THE VENDORS RESPONSIBILITY TO VERIFY THAT THEIR QUESTIONS HAVE BEEN RECEIVED BY CALLING 304-558-2402.</p>						

RECEIVED

2009 JUL -1 P 12: 51

PURCHASING DIVISION
 STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE 304-395-0953	DATE 6/30/2009	
TITLE MAE	FEIN 23-0334400	ADDRESS CHANGES TO BE NOTED ABOVE	

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

GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
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 BY ORDER

DATE PRINTED 05/26/2009	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: **07/01/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>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.</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.:</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO.'S:</p> <p>NO. 1</p> <p>NO. 2</p> <p>NO. 3</p> <p>NO. 4</p> <p>NO. 5</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
	304-395-0953	6/29/2009	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
MAE	23-0334400		

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RFQ COPY

DIVISION OF HIGHWAYS
 VARIOUS LOCALES AS INDICATED
 BY ORDER

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05/26/2009				

BID OPENING DATE: 07/01/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOF	QTY	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: center;">  SIGNATURE IKON Office Solutions COMPANY 7-1-09 DATE </p> <p>REV. 11/96</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;"> DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130 </p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF</p>						

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TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
MAE	23-0334400		

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State of West Virginia
 Department of Administration
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Request for Quotation

RFQ NUMBER
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4

ADDRESS: CORRESPONDENCE TO ATTENTION OF
**MICHAEL AUSTIN
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VENDOR PROPERTY

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

DIVISION OF HIGHWAYS
 VARIOUS LOCALES AS INDICATED
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05/26/2009				

BID OPENING DATE: **07/01/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	QAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED: SEALED BID</p> <p>BUYER: 33</p> <p>RFQ. NO.: 5890004</p> <p>BID OPENING DATE: 6/29/2009</p> <p>BID OPENING TIME: 1:30PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: 304-757-7840</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): Todd Young</p> <p>***** THIS IS THE END OF RFQ 5890004 ***** TOTAL: <u>See pricing page</u></p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE _____ TELEPHONE **304-395-0953** DATE **6/29/2009**

TITLE **MAE** FEIN **23-0334400** ADDRESS CHANGES TO BE NOTED ABOVE

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

1) General Intent

The following specifications are for the acquisition, installation, and maintenance of eleven Engineering Printing Systems, and one wide format Scanner. These Engineering Printing Systems must be fully integrated systems which shall satisfactorily plot/print/scan/copy CADD Drawings, GIS Files, PDF documents, TIFF images, Maps, Charts, Graphs, and Text Documents. It is the intent to place one complete system in each of the ten WVDOT District Headquarters, one complete system at the Materials Division, and the one wide format Scanner is to be setup and installed at the WVDOT Headquarters Building

1.1) General Description of the Engineering Digital Printing System:

In brief, each printing system shall consist of (see Attachment 3):

- One color plotter that shall accommodate media up to 36 inches wide, and
- One toner based monochrome plotter that shall accommodate media up to 36 inches wide, and
- One scanner that shall accommodate media up to 36 inches wide, and the scanner shall be able to make color and monochrome scans and copies, and a
- Controller unit that shall be integrated with the color plotter, the monochrome plotter, and the scanner.
- All components shall be Bentley InterPlot compatible.
- One year of maintenance shall be included in the quoted price for each system.

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

The Headquarters Building currently has an Engineering Digital Printing System in place; 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 WVDOT computer network, can produce color and monochrome scans, and place the scan files on an FTP site or a Shared Drive for later retrieval and/or printing.

2) Specific Requirements for Each of the Major Components – Digital Printing System.

2.1) Minimum Mandatory Specifications for the Color Plotter:

- 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 60 seconds.
- Be equipped with Two Rolls.
- Ability to switch rolls manually and/or automatically.
- Roll media widths from 11 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 capability to cut prints to size according to the following options: a Standard size (i.e., ANSI or ARCH); and/ or the size of the print; and/ or to a User defined size.

Engineering Printing Systems Specifications

- Use standard 120 VAC, 60Hz power.

2.2) Minimum Mandatory Specifications for the Monochrome Plotter:

- 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.
- Allow the User to select either Manual Feed or Roll Feed media.
- Roll media widths from 11 inches to 36 inches.
- Print documents that are 8 inches to 120 inches long.
- Roll length of up to 300 feet.
- Print to Bond, Vellum, and Mylar media.
- Ability to define what media is being used in each roll.
- Have the capability to cut prints to size according to the following options: a Standard size (i.e., ANSI or ARCHI); and/ or the size of the print; and/ or to a User defined size.
- Use standard 120 VAC, 60Hz power.

2.3) Minimum Mandatory Scanner Specifications:

- Ability to properly interface with the WVDOT computer network.
- Ability to place 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 not exceeding 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.
- Use standard 120 VAC, 60Hz power.
- **Note 1:** in the case of the ten WVDOT District Offices and the Materials Division, the Scanner shall 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 WVDOT Headquarters Building, the Scanner shall be electronically connected with the WVDOT computer network in order to retrieve scanned documents and/or make copies of them.

2.4) Minimum Mandatory 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.
- Provide an Invert option which allows the user to convert a scanned image to a negative image. For black and white images, the white pixels will be printed black and the black pixels will be printed white. For grayscale images, the image will be converted into its photographic negative.

Engineering Printing Systems Specifications

- Allow the User to define the Media to be used when making copies (Roll 1 or Roll 2).
- 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.
- Ethernet interface 100/10 Mbits/s with RJ45 Connection.
- Must 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:

3.1) Start up supplies shall be provided and included in the quote, for each of the eleven (11) systems:

- Provide one box of toner for each Monochrome Plotter.
- Provide one box of color cartridges for each Color Plotter.
- Provide one roll of paper media (150' x 34") for the Monochrome Plotter.
- Provide one roll of paper media (150' x 34") for the Color Plotter.
- Provide one copy of the User Manual and other product documentation, either printed or pdf format is acceptable.
- **Note:** Since a complete system will not be installed at the Headquarters Building, that location does not require media, toner, or cartridges; however, this location shall require a copy of the User Manual and other product documentation for the Scanner which will be installed there. Additionally this location will require a copy of the Digital Engineering Printing System User Manual and other product documentation.

3.2) Training:

- Onsite training on the use of the new equipment shall be provided and included in the quote as further described, for: each District Office location, at the Materials Division Office, and at the Headquarters Building.
- A minimum of two (2) hours training shall be provided at each location.
- Training shall include showing the users how the new equipment is used.
- Training shall include showing the users how to load and change media.
- Training shall include showing the users how to load toner in the Monochrome Plotter.
- Training shall include showing the users how to install the ink cartridges in the Color Plotter.
- **Note:** Since a complete system will not be installed at the Headquarters Building, that location does not require training in changing media and ink cartridges; however, user training for the Scanner unit installed at that location shall be required.

Engineering Printing Systems Specifications

3.3) Maintenance Requirements – Mandatory:

- Vendors' quotes shall include Onsite maintenance of all components.
- A maximum four (4) hour call back response to the initial reported problem.
- One (1) business day onsite response time shall be required – calculated from time of initial reported problem.
- One (1) year of maintenance – calculated from the completion of the Training Date at each location for each system shall be included in the equipment system quotes.
- Each vendor shall provide additional quotes (separate from the equipment quotes) for four (4) consecutive maintenance renewal options. Maintenance quotes for Years' Two thru Years' Five shall be quoted separately- by year. These renewal maintenance quotes shall be based on the same maintenance requirements as defined in this RFQ. All maintenance expenses are to be invoiced in arrears.
- Maintenance shall include Preventive Maintenance calls as required to maintain the equipment components within the manufacturer's original specifications.
- Maintenance shall include replacement parts, including drums at no additional expense.
- Maintenance shall include travel and other related expenses incurred during maintenance calls.
- All replacement parts shall be made with Original Equipment Manufacturer (OEM) Parts.

3.4) Installation Requirements – each system:

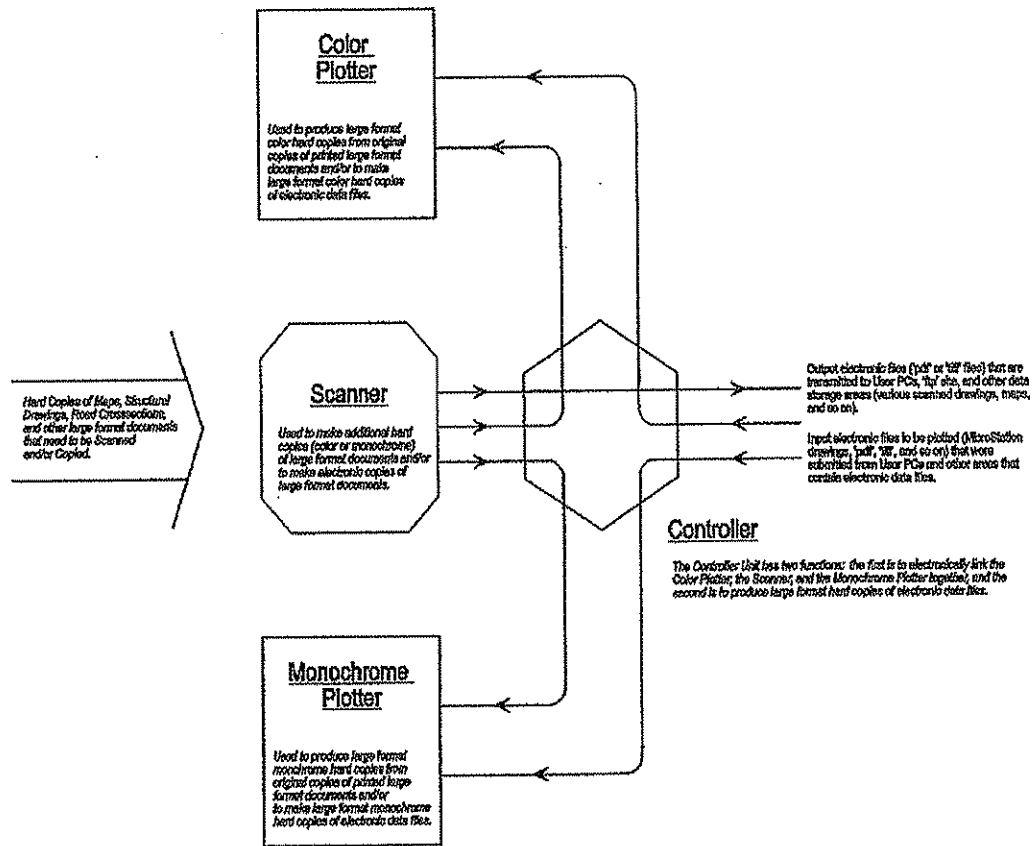
- All systems described in this RFQ shall be delivered, installed, set-up, tested, and fully functional within forty-five (45) days of vendor receiving an approved order.
- All components shall be delivered freight prepaid to each of the twelve (12) locations specified on Attachment 2.
- The vendor shall provide a minimum two (2) day notice of all equipment deliveries.
- The vendor shall be responsible for equipment installation, set-up, and removal/disposal of all packing materials.
- The vendor shall have the option of removing trade-in equipment or not taking possession of it.
- The vendor shall register all equipment components with the manufacturer so that the owner and user of the equipment are listed as WVDOT.
- Upon payment in whole, all rights, title, and interest to the equipment components shall transfer to the WVDOT.

4) Award process:

The award for the Digital Engineering Printing Systems RFQ shall be made to the vendor that provides a solution which features 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 and meets all the mandatory requirements of this RFQ at the least expense to the WVDOT.

- Vendors should include with each quote, a statement which lists successful implementation of the same (as proposed/quoted) equipment components in an integrated environment of North American Engineering application(s). Contact name(s) (associated with the engineering entity) and telephone number(s) should also be provided.
- Vendors must include in their proposal/bid, a Trade-In Quote for the currently used Xerox 8825 Scanner/Plotter (10) units as listed on Attachment 2.

Attachment 3: Diagram of the Engineering Printing System –



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 preceding 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. X 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: IKON Office Solutions

Signed: James K. Daugherty

Date: 7-1-09

Title: Area Vice President

*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:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor must make said affirmation with its bid submission. Further, 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. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

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

Vendor's Name: IKON Office Solutions
 Authorized Signature: James R. Dayberg Date: July 1, 2009
 Purchasing Affidavit (Revised 01/01/09)



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

Request for Quotation

RFQ NUMBER
 5890004

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF
 MICHAEL AUSTIN
 304-558-2402

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

DIVISION OF HIGHWAYS
 VARIOUS LOCALES AS INDICATED
 BY ORDER

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
06/24/2009				

BID OPENING DATE: 07/01/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
REVISED SPECIFICATIONS ATTACHED.						
BID OPENING DATE AND TIME REMAINS 07/01/09 @ 1:30 P.M.						
NO OTHER CHANGES.						
0001	11	EA		938-31	See pricing page	
ENGINEERING PRINTING SYSTEM						
0002	1	EA		205-41		
WIDE FORMAT SCANNER						
***** THIS IS THE END OF RFQ 5890004 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE _____ TELEPHONE 304-395-0953 DATE 6/29/2009

TITLE MAE FERN 23-0334400 ADDRESS CHANGES TO BE NOTED ABOVE

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

**GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130

WV DOT REQUISITION 5890004 - ENGINEERING PRINTING SYSTEMS
ADDENDUM TO SPECIFICATIONS

June 23, 2009

Item 1.2) General Description of the Scanner for the WVDOT Headquarters Building:

Add the following statement: *A scanner stand shall be quoted with this one scanner unit.*

Item 2.1) Minimum Mandatory Specifications for the Color Plotter:

Previously Read: Maximim roll length of 300 feet

Changed to Read: Accept roll lengths of 150 feet to 500 feet.

Item 2.2) Minimum Mandatory Specifications for the Monochrome Plotter:

Previously Read: Roll length up to 300 feet

Changed to Read: Accept roll lengths of 150 feet to 500 feet.

Item 2.3) Minimum Mandatory Scanner Specifications:

Note 2: Add the following statement at the end of this Note: *A scanner stand will be quoted with this one scanner .*

Item 3.4) Installation Requirements - each system

2nd Bullet - Previously Read: All components shall be delivered freight prepaid to each of the twelve (12) locations specified on Attachment 2.

2nd Bullet - Changed to Read: *All components shall be delivered freight prepald to each of the twelve (12) locations specified on Attachment 2. Deliveries must be made to an inside/protected location.*

Item 4) Award Process

Previously Read: The award for the Digital Engineering Printing Systems RFQ shall be made to the vendor that that provides a solution which features 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 and meets all the mandatory requirements of this RFQ at the least expense to the WVDOT.

Changed to Read: *The award for the Digital Engineering Printing Systems RFQ shall be made to the vendor that that provides a solution which features 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 and meets all the mandatory requirements, including maintenance for the five year period of this RFQ at the least expense to the WVDOT.*

See Revised Attachment 1 and Attachment 2 as attached.

Engineering Printing Systems Specifications

Attachment 1: Bid/Quote Sheet
Rev. 6/23/09

11 Monochrome Plotters.....	UNIT PRICE	\$21,825	EXTENDED PRICE	\$240,625
11 Color Plotters.....	UNIT PRICE	\$8528	EXTENDED PRICE	\$93,808
11 Scanners.....	UNIT PRICE	Scanners Inc.	EXTENDED PRICE	Scanners are embedded in the monochrome Plotters
1 W/F Scanner w/stand.....	UNIT PRICE	\$18,500	EXTENDED PRICE	\$18,500
11 Controllers.....	UNIT PRICE	Included	EXTENDED PRICE	Included - Emedded controllers
Equipment Sub Total.....				\$352,933

MAINTENANCE QUOTES YEARS 2 thru YEARS 5:

Year 2 Maintenance Cost _____	Year 3 Maintenance Cost _____	
Year 4 Maintenance Cost _____	Year 5 Maintenance Cost _____	
Years 2 thru 5 Maintenance Sub Total.....		Maintenance Pricing Sheet Attached.
Equipment/Maintenance Total.....		See attached
Lump Sum Trade-In Discount		\$0
FINAL Quote Total.....		\$352,933

Statement regarding successful implementation of quoted components in an integrated environment of Engineering application in North America. Also provide contact name(s) and telephone number(s) associated with the engineering application of the quoted components.

Maintenance Pricing page

Maintenance pricing structures are different for the monochrome plotter than they are for the color plotters. Details below;

Monochrome Plotters

Maintenance is based on linear foot usage. Price sheet does not include the 1 year of service.

AfterMarket Rates Chart		
HP W5100 Wide Format	VAR.	
BRONZE	1-12	NEW
Linear Feet	Monthly base	Overage
1000	\$84	0.0843
1500	\$115	0.0767
2000	\$138	0.0690
2500	\$170	0.0681
3000	\$199	0.0663
3500	\$229	0.0653
4000	\$260	0.0651
4500	\$292	0.0649
5000	\$324	0.0647
5500	\$355	0.0645
6000	\$386	0.0643
6500	\$417	0.0642

Color Plotters

Color plotters include 1 year of service and is included on the price sheet. Pricing for additional years is based on whether you wish to purchase a 1 year care pack for \$221 or a 3 year care pack for \$564 each plotter. HP will service the color plotters and IKON will service the monochrome plotters. The stand alone color scanner will be serviced by HP and has a 4 year care pack for \$3,145.61 and a 5 year for \$4,017.72.

Engineering Printing Systems Specifications

Attachment 2: Delivery, Installation, Setup, and Training Locations - Rev. 06/23/09

District 1

1334 Smith Street
Charleston, WV 25301-1492

Loading Dock - Elevator - up to 2,000 lbs. 35" Door

District Manager

John McBrayer

(304)558-3001

Xerox 8825 Plotter/Scanner currently in use at this location,

Serial Number: DT9031090

Currently - semi-operational condition

District 2

801 Madison Avenue
Huntington, WV 25712-0880

Loading Dock - Elevator - up to 5,000 lbs. - 36" Doors

District Manager

Keith Chapman

(304)528-5625

Xerox 8825 Plotter/Scanner currently in use at this location,

Serial Number: DT9031269

Currently - operational condition

District 3

624 Depot Street
Parkersburg, WV 26102-0308

29 Steps - No elevator - 36" Doors

District Engineer

James E. Roten, Jr.

(304)420-4645

Xerox 8825 Plotter/Scanner currently in use at this location,

Serial Number: DT9031273

Currently - semi-operational condition

District 4

I-79 & Meadowbrook Road (Exit 121)

Clarksburg, WV 26302-2570

No Stairs - Elevator - up to 2000 lbs. - 36" Doors

District Manager

Greg Phillips

(304)842-1550

Xerox 8825 Plotter/Scanner currently in use at this location,

Serial Number: DT9030880

Currently - non operational condition

District 5

P. O. Box 99 (US Route 50)

Burlington, WV 26710

No Steps - No Elevator - Ground Floor - 36" Doors

District Engineer

Lee Thorne

(304)289-2200

Xerox 8825 Plotter/Scanner currently in use at this location,

Serial Number: DT9031065

Currently - operational condition

District 6

1 DOT Drive
Moundsville, WV 26041

No Steps - Elevator - up to 2,500 lbs. - 42" Door

District Engineer

Robert W. Whipp

(304)843-4008

Xerox 8825 Plotter/Scanner currently in use at this location,

Serial Number: DT9031070

Currently - operational condition

Engineering Printing Systems Specifications

Attachment 2: Delivery, Installation, Setup, and Training Locations - Rev. 06/23/09

District 7
255 Depot Street
Weston, WV 26452-1228 Approximately 6 steps – No elevator – 36" Doors
Highway District Manager
Ron Hooton
304-269-0400
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9030950 Currently - operational condition

District 8
US Route 219 North
P.O. Box 1516
Elkins, WV 26241 No Steps – Elevator – up to 2,000 lbs. 36" Doors
District Engineer
Mike Moran
(304)637-0220
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031021 Currently – operational condition

District 9
103 1/2 Church Street
Lewisburg, WV 24901 Approximately 8 steps – No elevator – 36" Doors
District Engineer
Steven Cole
(304)647-7450
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031255 Currently – operational condition

District 10
270 Hardwood Lane
Princeton, WV 24740 No Steps – Elevator – up to 2,000 lbs. – 36" Doors
District Manager
Tom Camden
(304)487-5228
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031178 Currently – operational condition

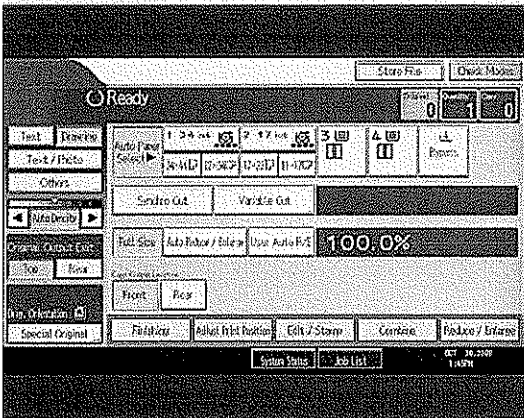
Materials Division
190 Dry Branch Road
Charleston, WV 25306 Loading Dock – Ground Floor – 36" Doors
Division Director
Aaron Gillespie
(304)558-3160
Removal and/or Trade-in of old equipment is not required at this location.

WVDOT Headquarters
1900 Kanawha Blvd, East
Charleston, WV 25305 Loading Dock – Elevator – up to 3,500 lbs. – 36" Doors
Information Services Director
Joe Biancaniello
(304)558-9241
Removal and/or Trade-in of old equipment is not required at this location.

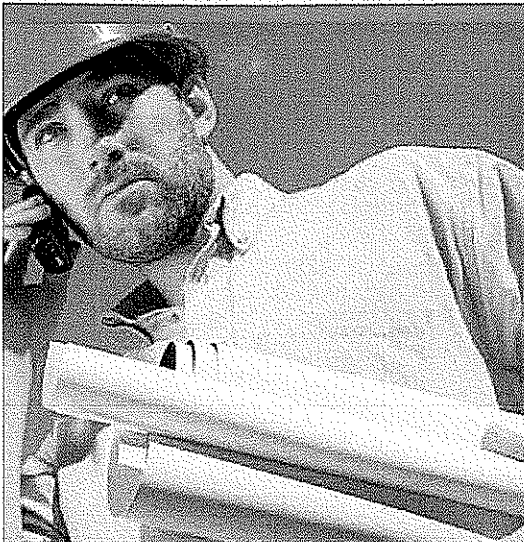
Ricoh Aficio MP W5100/MP W7140
Wide Format
Built for Productivity in
High-Volume Environments

RICOH

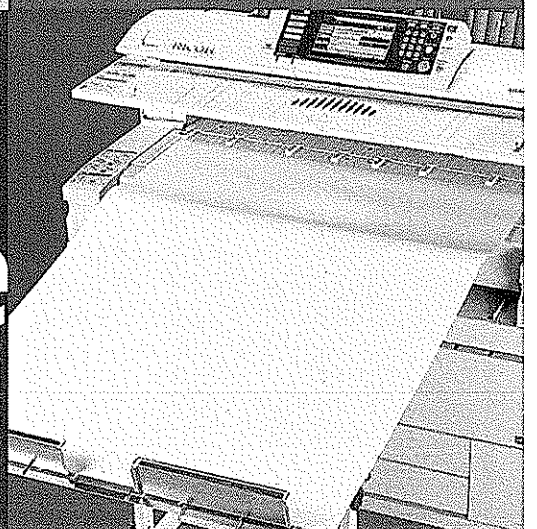
productive



value



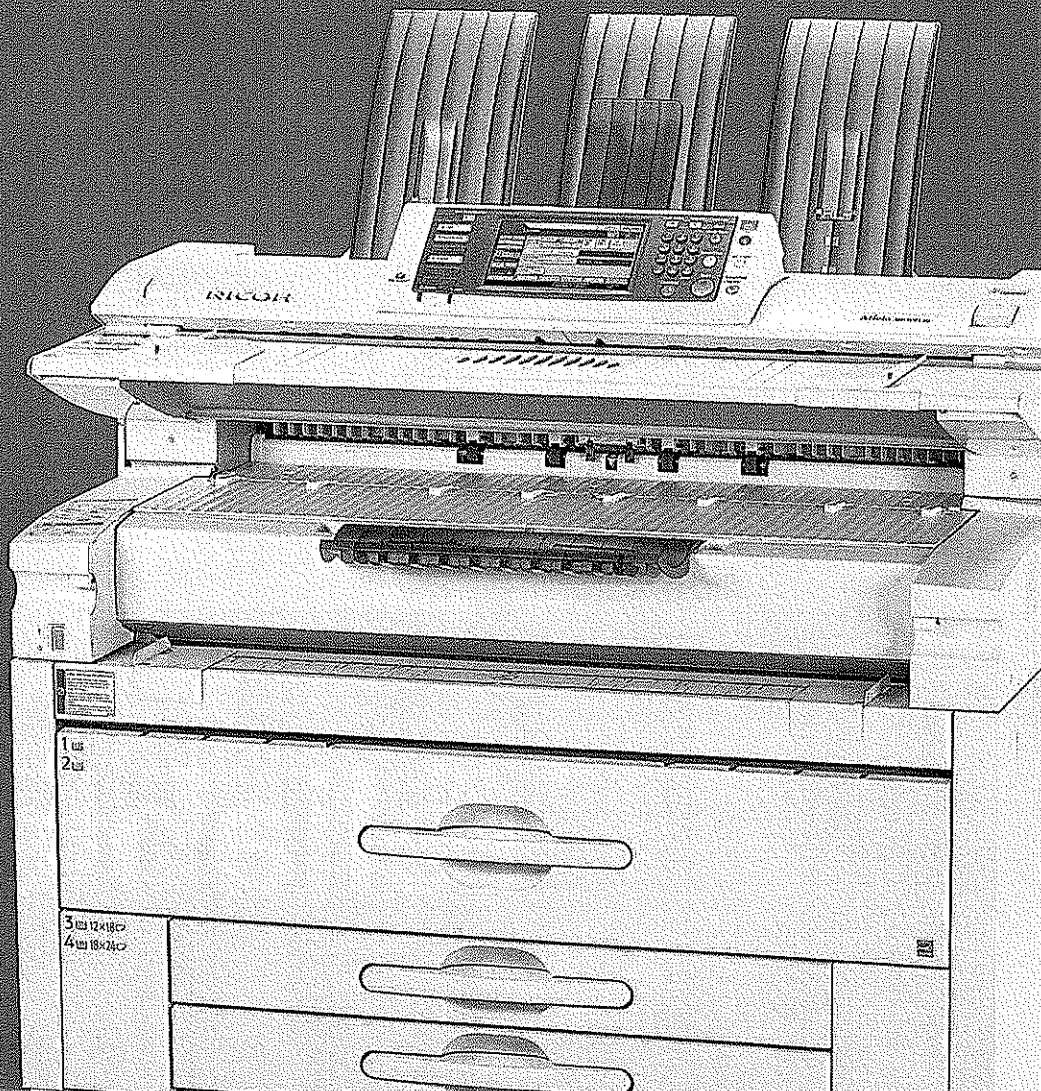
reliable



Ricoh Aficio MP W5100/MP W7140

High productivity. Color scanning. Fast output. It's all built in to the RICOH® Aficio® MP W5100 and MP W7140 Wide Format Digital Imaging Systems.

The Ricoh Aficio MP W5100 and MP W7140 allow for fast printing even as you capture, share and save all of your day-to-day hard-copy document processes—color markups, edits, penciled-in changes and as-builts—into your ever-changing project workflow. The Ricoh Aficio MP W5100 and MP W7140 Wide Format Digital Imaging Systems are truly high productivity tools that can help you work smarter, collaborate easier, share faster and finish your projects on-time and on-budget.

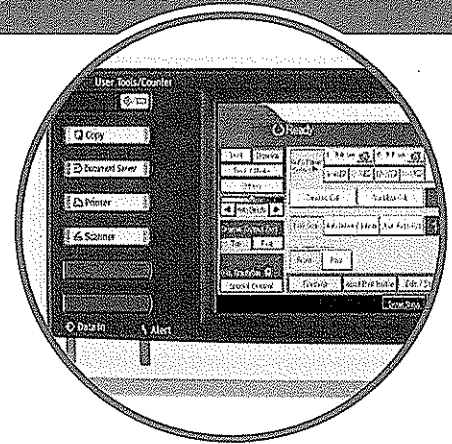


Fast Productive Durable Versatile

Built-In Productivity

Add up the fast output speed, user simplicity and smart engineering of the Ricoh Aficio MP W5100 and MP W7140 Wide Format Digital Imaging Systems, and you get systems that will be the workhorse in your reprographic area for years to come.

- Jump-start your workflow productivity with output speeds up to 10 or 14 documents per minute.
- Share the productivity from day one, thanks to the redesigned, super-wide color LCD operation panel.
- Reduce paper and toner usage by previewing document thumbnails before printing or scanning.
- Simplify and enlarge displays with the touch of a button for easier walkup use.
- Change paper and toner in a snap—clear jams, too—through the easy-to-use front-loading drawers and clamshell engineering.



8.5-inch wide, high-definition LCD control panel makes wide format printing and scanning as easy as a standard copier.

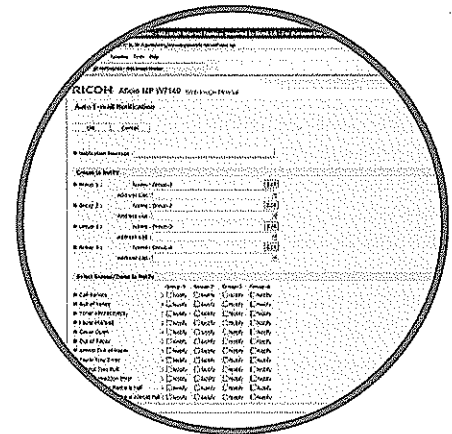
Streamline Your Workflow

Whether you use the Ricoh Aficio MP W5100 and MP W7140 Wide Format Digital Imaging Systems with a dedicated professional operator, have walkup users or work from a remote PC, you can configure exactly the system you need to optimize your unique workflow.

- Eliminate tedious document updating by capturing as-builts, handwritten, on-site changes and color markups, and then integrating them with satellite imagery, photographs and maps to create complete bid sets.
- Create and distribute documents with a comprehensive selection of Scan-to options.
- Scan project documents directly into an electronic plan room for easy viewing by other architects, engineers or contractors.
- Simplify document access by temporarily storing documents on the 320 GB (160 x 2) "Document Server" and view them on the control panel or your PC for reprinting, as needed.
- Increase your ability to handle high-output volume with optional front and back multi-stackers.

Manage Your System Remotely

- Use WebImageMonitor to view documents in the Document Server, monitor supply levels, check job details, assign e-mail notification to key team members, remotely cancel jobs and reboot the system from anywhere on the network.
- Use the Document Server to assemble job sets—remotely or at the system itself—from prints, copies and scans.
- Manage advanced security features, including Windows Authentication and PDF Encryption, to keep your documents safe at every stage of printing and distribution.



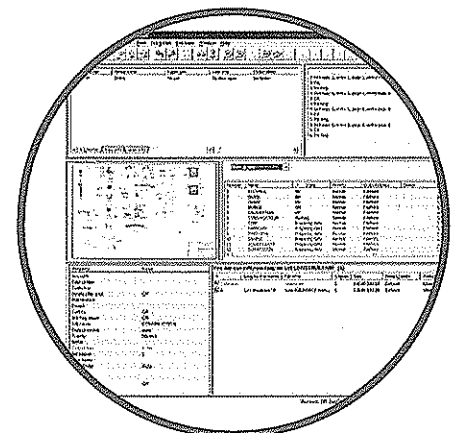
WebImageMonitor allows you to view documents in the Document Server, monitor supply levels, check job details, assign e-mail notification to key team members, remotely cancel jobs, and much more—right from your desktop.

Printer Controller Choices: Simple, Versatile, Secure

A fast, powerful external print controller supports a variety of file formats in the CAD market. While the single footprint, embedded printer option easily handles the most common file formats and maximizes floor space.

Built-In Printing

- Driver support for Windows—PostScript, HDI and a Web Print Tool to build job sets from HP-GL, TIFF and CALS file formats.
- The built-in security features included with the RPCS drivers provide piece of mind—Lock print, Hold print and Stored print.



New Plotbase software improves functionality over previous versions, including color calibration, account tracking and printing to multiple output devices including inkjet printers.

PrintCopyScanFinish

RW-7140 Printer Controller on External PC:

Advanced, Flexible, Fast

- Send print jobs securely with a host of built-in security options.
- Minimize the learning curve with drivers similar to standard print drivers.
- Print documents to any device on your network, including inkjet printers.
- Monitor, calculate and analyze your printing and scanning costs by user, account and project.
- Enjoy secure, Web-enabled print job creation right out of the box.
- Ensure consistent high-quality output on every printing device with Central Management and Central RIP.
- Manage print jobs efficiently with the PlotBase Print Queue.

Scanning: Built-In or External

Changes and additions or “redlines” are a fact of life for architects, engineers and contractors. The Ricoh Aficio MP W5100 and MP W7140 Wide Format Digital Imaging Systems let you capture and distribute these changes—in color—through a built-in color scanner and the standard Scan-to functions.

Built-In Color Scanner

- Minimize system footprint with the embedded color scanner.
- Scan documents of extensive sizes and types, including architectural drawings, sepias, blueprints, detailed maps, folded or wrinkled documents, oversized drawings, photos or posters with unrivaled speed and image quality.
- Scan your documents directly to e-mail, SMB, Folder, FTP, URL, NCP and Document Server.

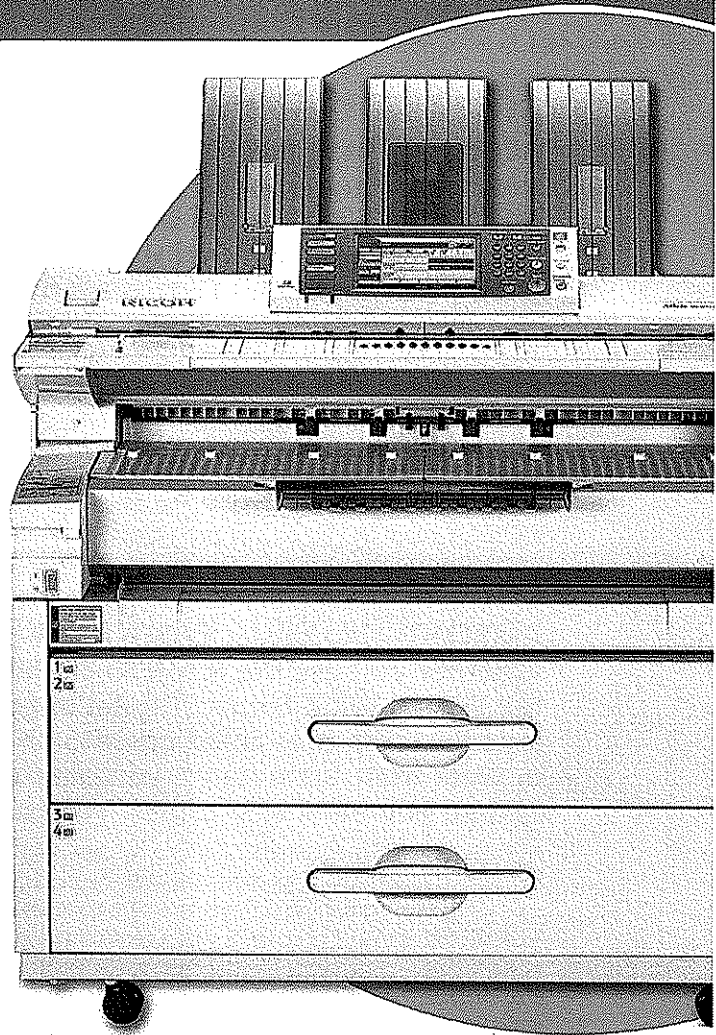
Scanning with the Optional RW-7140 Controller

- Capture crystal clear B&W 600 DPI scans or enhance your color output from an inkjet printer with closed-loop calibration, improving your scanning and printing workflow.
- Speed up the capture of changes and additions by scanning your marked-up drawings in color, and then editing and merging to overlay on other files.
- Ensure easy retrieval of stored documents by scanning documents directly to archive while immediately capturing key metadata, such as project name, account number, customer name, page number, title block, etc.
- Scan single or multi-page documents directly to e-mail, FTP or NCP.
- Use the color editor to reduce noise, change alignment, optimize the histogram, improve black & white point type, and crop or scale images—and then print to the Ricoh Aficio MP W5100, MP W7140 or an inkjet.

Built to Last

The Ricoh Aficio MP W5100 and MP W7140 Wide Format Digital Imaging Systems are tough and durable Ricoh products, designed to be a long-term investment for your organization—even in the most demanding environments.

- Count on the Ricoh Aficio MP W5100 and MP W7140's durable materials and reliable engine design to handle monthly volumes comparable to much higher priced products.
- Maximize your Total Cost of Ownership (TCO) by investing in a system with an exceptionally long life expectancy.

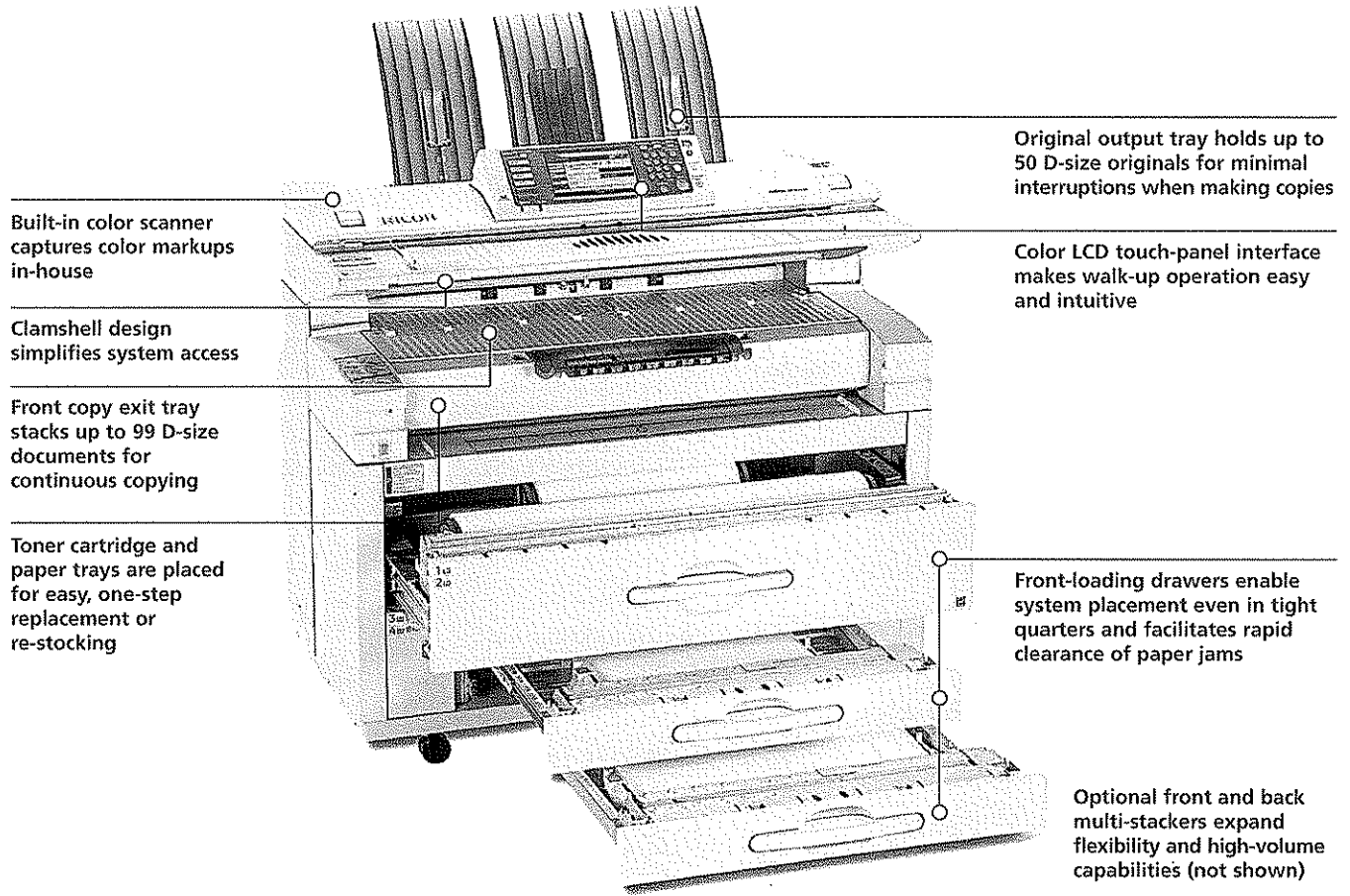


The Total Green Office Solution



Ricoh continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity.

Powerful Productivity in a Compact Unit



Built-in color scanner captures color markups in-house

Clamshell design simplifies system access

Front copy exit tray stacks up to 99 D-size documents for continuous copying

Toner cartridge and paper trays are placed for easy, one-step replacement or re-stocking

Original output tray holds up to 50 D-size originals for minimal interruptions when making copies

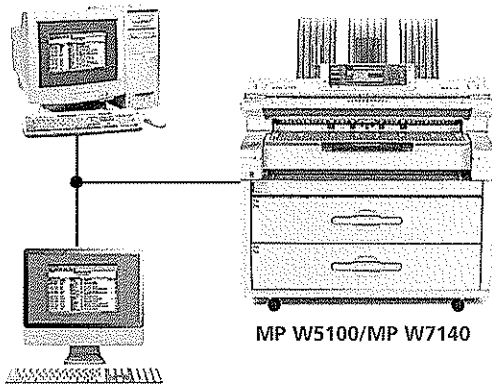
Color LCD touch-panel interface makes walk-up operation easy and intuitive

Front-loading drawers enable system placement even in tight quarters and facilitates rapid clearance of paper jams

Optional front and back multi-stackers expand flexibility and high-volume capabilities (not shown)

Embedded Controller

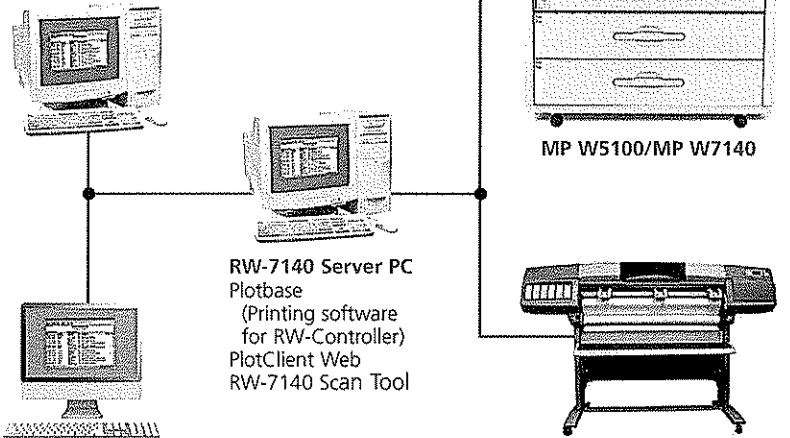
Client PC Drivers (Windows OS)
 HDI (print directly from AutoCAD)
 RPCS (Windows based)
 Postscript (PDF and PostScript files)
 Web Print Tool (CALs, HP-GL 1/2, TIFFs)
 (Browser based)



Client PC Drivers (Mac OS)
 HDI (print directly from AutoCAD)
 RPCS (Mac based)
 Postscript (PDF and PostScript files)
 Web Print Tool (CALs, HP-GL 1/2, TIFFs)
 (Browser based)

RW-7140 External Controller

Client PC (Windows OS)
 PlotClient (Job submission tool to Plotbase)
 PlotClient Web
 WINPRINT (Send office documents through Windows driver to Plotbase)
 PlotClient HDI (Send AutoCAD documents to Plotbase)



Client PC Drivers with Mac OS
 PlotClient Mac (Jobs submission tool to Plotbase)

Wide Format Inkjet
 Print and Manage 1 Inkjet
 on Network

Ricoh Aficio MP W5100/MP W7140

Specifications

Aficio

Specifications

Configuration	Console
Copy/Printing Process	Electro-photographic printing
Paper Source	2 roll paper feeder (standard) 2 roll paper feeder (optional)* 2 drawer paper cassette trays (optional)*
*Cannot be installed simultaneously	
Warm-Up Time	Less than 120 Seconds
First Copy	10 seconds (D-size)
Copying Speed	MP W7140: 14 ppm (D-size); MP W5100: 10 ppm (D-size)
Resolution	600 dpi x 600 dpi
Grayscale Scanning	256 levels
Grayscale Printing	2 levels
Reduction/Enlargement	18 presets; 25% to 400% by 0.1% increments
Multiple Copies	1 to 99 (ten key input)
Cutting Method	Synchronized, preset cut, variable cut
Memory Capacity	1,024 MB (Copy/Printer); 2,048 MB (required with scanner option)
Standard Hard Drive	320 GB (160 x 2)
PC Interface	Standard connection to external PC for RW-7140 controller
Original/Copy Size	Maximum: MP W7140: 36" x 1180" (98.4 ft.); MP W5100: 36" x 590" (49.2"); Minimum: 8.5" x 8.5"; 36" x 78" bypass
Original Exits	Rear (upper), Original rear exit (straight through), Original upper exit
Copy Exits	Front: 99 Sheets (Plain Paper D-size LEF) Back: 10 Sheets (Plain Paper D-size LEF)
Power Source	208 - 240V 15A 60Hz (NEMA 6 - 20R)
Max Power Consumption	3kW per hour
Dimensions (WxDxH)	49.2" x 29.7" x 47.2"
Weight	507 lbs.

Copier Features

- 2 Drawer Cut Sheet Paper Tray (option)
- Auto Paper Selection (APS)
- Auto Reduce/Enlargement, User Auto Reduce/Enlargement, Preset Reduce/Enlargement, Zoom, Size Magnification, Directional Magnification
- Directional Size Magnification (percentage and mm/inch), Fine Magnification
- Electronic Sort
- Image Overlay, Format Overlay, Negative/Positive, Mirroring, Double Copy, Repeat Copy, Combine Images
- Job Interrupt
- Job Program (up to 10 jobs)
- Manage System and Security Settings, Document Server, Printer and Scanner Features
- Margin Adjustment
- Preset Stamps, User Preset Stamps, Date Stamp, Page Stamp
- Standard 320 GB Hard Disk Drive: Store Up to 3,000 Documents
- User Tools, Manage System and Security Settings, Document Server, Printer and Scanner Features

Copier Options

Paper Cassette Tray	2 drawer paper cassette; adjustable up to 18" x 24". Holds up to 250 sheets x 2 (17 lbs. - 20 lbs.)
Roll Feeder	2 roll feeder option; holds an additional 2 rolls (4 rolls total)
Roll Holders	2 holders, max roll diameter 3" core

Printer Option Type W7140 (Option)

Controller Board	Embedded
Print Speed	MP W7140: 14 ppm D-size LEF, 7 ppm E-size SEF; MP W5100: 10 ppm D-size LEF, 5 ppm E-size SEF
Print Resolution	Up to 600 dpi
HDD	320 GB (160 x 2) (Shared with other applications such as Copy/Scanner)
Supported File Formats	HP-GL, HP-GL2, HP-RTL, TIFF, PostScript/PDF, CALS, MS Office File Formats, JPEGs HDI Driver: DWG

Scanner Option Type W7140 (Option)

Controller Board	Embedded
Scan Speed	MP W7140 and MP W5100: 1.75 ips - 13 ips @ 600 dpi
Scan Resolution	150 dpi to 600 dpi; Twain: up to 1200 dpi
Scanner Features	Scan-to-Email, Scan-to-Folder, Network TWAIN, Scan-to-NCP, Scan-to-FTP, Scan-to-SMB, Scan-to-Document Server
Edit	Erase Border, Positive/Negative, Mirror Image
Preview	Full View: 18" x 24"; Section Preview: 36" x 48"
File Formats	Multi page TIFF, Single page TIFF, Multi page PDF, Single page PDF, Single page JPEG

Printer Controller RW-7140 (Option)

Controller Type	External PC Server (PC not included, must be purchased separately from appropriate vendor)
Print Controller	MP W7140: 7 ppm E-size SEF, 14 ppm D-size LEF; MP W5100: 5 ppm E-size SEF, 10 ppm D-size LEF
Supported File Formats	Standard: HP-GL, HP-GL2, HP-RTL, TIFF, Calcomp906/907, WMF, BMP, CALS (1&2), T6X, CIT, PCX, RLC, Intergraph, Windows Metafile, Windows OS/2 Bitmap, DWG, JPEG Option: DWG/DXF/DWF (with installation of AutoCAD application), VIC, CGM, Postscript
Client PC OS Support	Windows: Windows 2000, XP (32 and 64 bit), Vista (32 and 64 bit) Mac: From OS8.6-10.4 (client PC) Linux: Redhat Linux 6.x-7.1 HP-UX 10.x/11.x Sun Solaris 2.6/7.x/8.x SCO OpenServer 5.0x

PC Requirements

Operating System	Windows XP Professional 32-bit; Microsoft Vista 32-bit
Processor	Recommended: Intel Celeron with 2GHz or higher
PCI Interface Slot	2.0 or higher x 1
Recommended RAM Memory	2 GB
Hard Drive	At least 100 GB free space
Network Interface	10/100 Base-T Ethernet, TCP/IP configuration
Monitor	At least 1,024 x 768 or higher/ Recommended: 1,280 x 1024
Network Protocol (Server)	TCP/IP, IPX/SPX, lpr/lpq, HTML, SMB or Novell 6.5 SP6 with Novell Client 4.91 SP3, Unix

Print Controller Features

- Auto Paper Select
- Collate
- Color Editing Tools
- Combine Images
- Cut Mode
- Distributive Printing
- Limitless Paper Feed
- Locked Print
- Output Tray Selection
- Output to One Inkjet
- Paper Remaining Level
- Pen Settings Preview Print
- Print Queue Management
- Reduce/Enlarge
- Sample Print Setting - Build Job
- Sets from Multiple File Formats
- Simultaneous Printing and Scanning
- Stamping
- Title Block Setting

Scanner RW-7140 (Option to the RW-7140 Print Controller)

Controller Type	External PC Server
Maximum Continuous Scan Speed	14 spm D-size LEF (200 dpi, 1 bit)
Resolution	7 spm E-size SEF (200 dpi, 1 bit) 150 - 600 dpi (1200 dpi with enhancement)
Scan Size	MP W7140: Min: 8.5" x 8.5" - Max. 36" x 98.4 ft; MP W5100: Min: 8.5" x 8.5" - Max. 36" x 49.2 ft
File Format	Standard: TIFF (single/multi page, uncompressed/G3/G4), T6X, BMP, RLC, HP-RTL, PCX, CALS 1&2, Option: PDF (single/multi page), DWF, DWG
Scanner Software	SCANTOOL Software SCANTOOL Color Editor
Controller Type Resolution	Same as printer controller spec. 150 - 600 dpi (1200 dpi with enhancement)

Scanner Features

- Authentication Modes
- Closed-Loop Calibration
- Color Editing
- Contrast Setting Integrated
- Continuous Input
- Invert
- Mirror/Positive/Negative
- Multiple Scan Settings
- Preview While Settings
- Reading Area Setting
- RGB (24 bit), Grey, B&W
- Rotation
- Scan Modes
- Scan-to-Archive
- Scan-to-Email
- Scan-to-Folder
- Scan-to-FTP
- Scan-to-NCP
- Scan-to-SMB

Controller Options

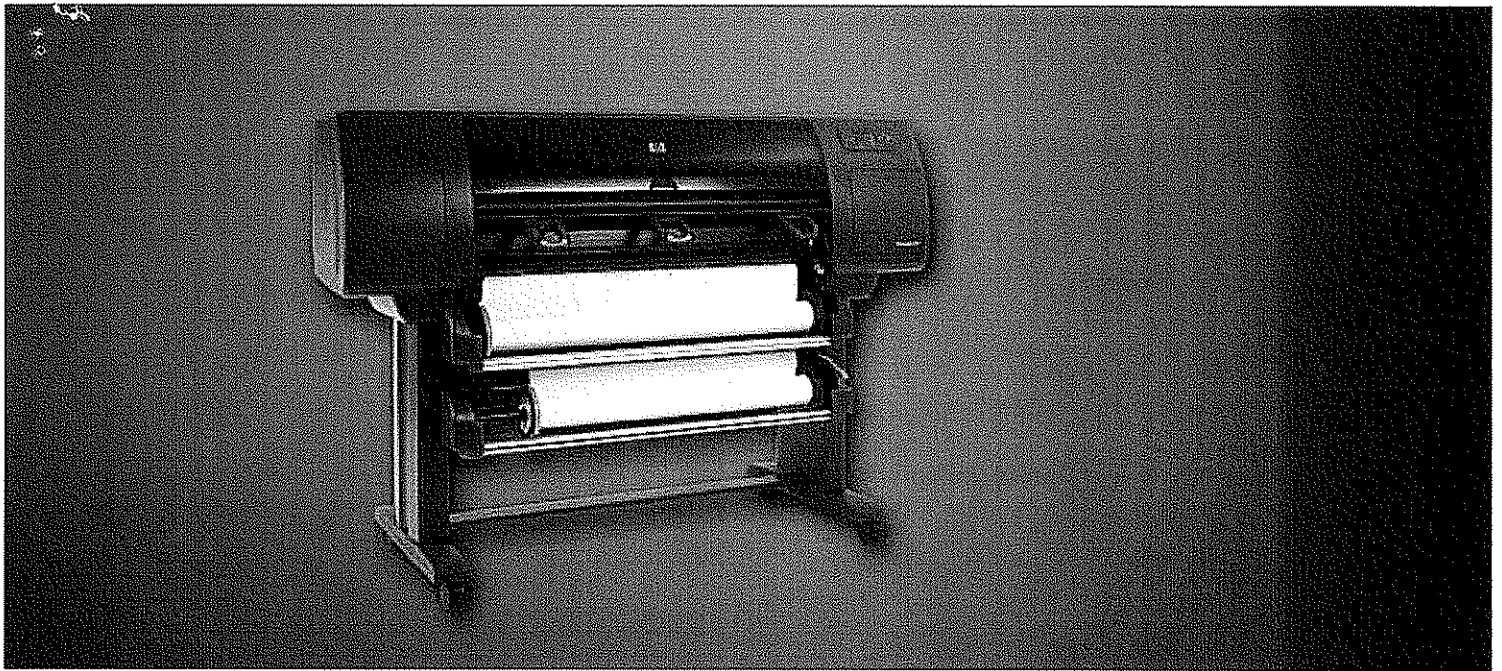
- CGM (Computer Graphics Metafile)
- DWG/DXF/DWF
- PostScript 3
- Scan Option
- Scan to DWF (w/scan option)
- VIC

RICOH
www.ricoh-usa.com

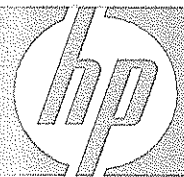
Bringing Ricoh Value to Your Organization
Ricoh technology offers a diverse portfolio of solutions to help your organization stay competitive and move ahead. Let Ricoh show you how to empower your business to improve critical processes, keep information secure, ensure compliance and promote environmental sustainability while reducing the total cost of ownership.

Ricoh Americas Corporation, Five Dedrick Place, West Caldwell, NJ 07006
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HP Designjet 4520 Printer series



Ideal for color production and unattended printing

Unattended color production at low cost

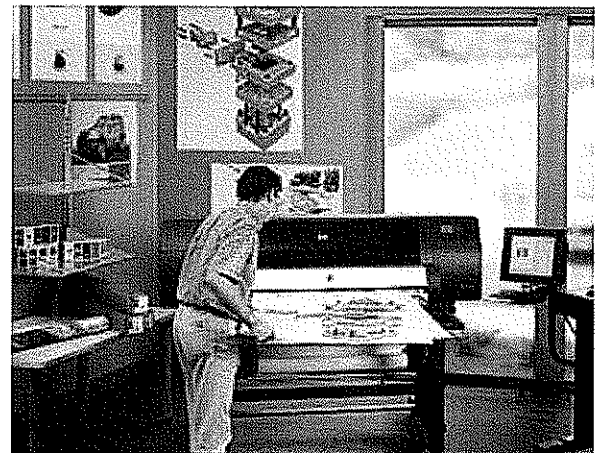
- Take advantage of unattended color printing with two long media rolls up to 575 ft (175 meters) and reliable 775-ml black, 400-ml color Original HP ink cartridges.
- Double your print capacity and truly maximize productivity with HP Double Swath technology and 160 GB hard disk.
- Experience greater cost efficiency with free HP support, HP supplies that deliver a better value, and finishing options that save time and money.

Provides great possibilities to grow your business

- Experience more possibilities to increase your personal productivity with the HP Instant Printing Utility 2.0, HP Embedded Web Server, and the optional Serif PosterDesigner Pro for HP⁽¹⁾.
- Turn your HP Designjet into a print workflow management system with optional stacker and SCP reprocontrol for HP⁽²⁾.
- Produce excellent lines and images with patented HP inks, printheads enabling 0.1% line accuracy⁽³⁾, and HP Professional Color technologies.
- Expand your business with high performance copy and scan capabilities⁽⁴⁾.
- Choose from a broad portfolio of over 35 Original HP media for high-quality results from CAD drawings and renders to presentations and posters.

Trusted integration in your IT environment

- Trusted connectivity and security—with built-in Gigabit Ethernet networking, advanced access control and optional HP Jetdirect support for secure IPsec and IPv6⁽⁵⁾. A Linux PS driver offers additional support for Linux users⁽⁶⁾.
- Manage your HP Designjet, fleet of devices, and your costs with HP Web Jetadmin and the embedded Web server.
- Experience true peace of mind with a printer and printing supplies you know you can trust—from a company with years of experience and expertise.



⁽¹⁾ Serif PosterDesigner Pro for HP is an optional feature. Not included, sold separately.

⁽²⁾ SCP reprocontrol for HP is an optional feature. Not included, sold separately.

⁽³⁾ +/-0.1% of the specified vector length or +/-0.1 mm (whichever greater) at 73° F (23° C), 50-60% relative humidity, on E/AO printing material in Best or Normal mode with HP Matte Film.

⁽⁴⁾ The HP Designjet 4520 Scanner comes standard on the HP Designjet 4520 HD-MFP. It is an optional (not included, sold separately) accessory on the HP Designjet 4520 and 4520ps printers.

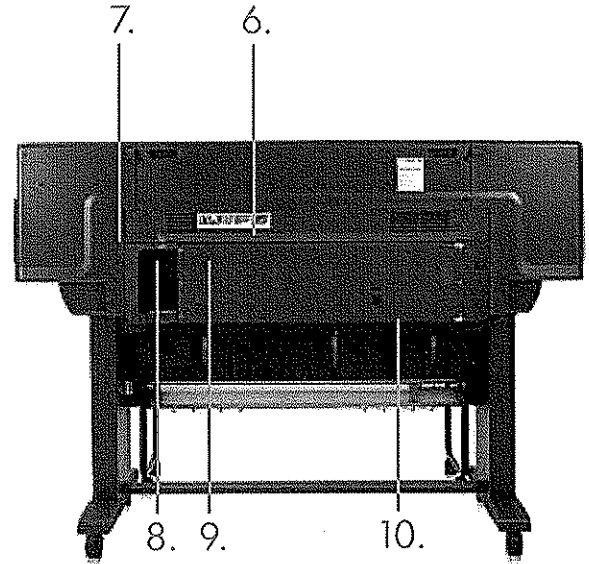
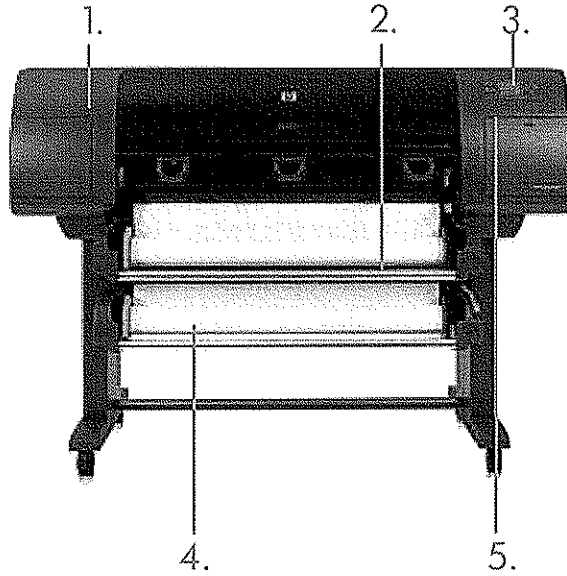
⁽⁵⁾ IPsec and IPv6 support requires the purchase of the HP Jetdirect 630n or HP Jetdirect 635n.

⁽⁶⁾ Available on the HP Designjet 4520ps Printer and HP Designjet 4520 HD-MFP only. Support in English only.

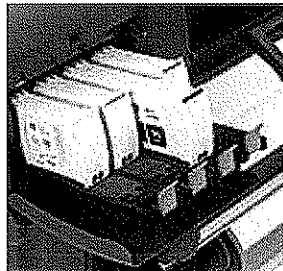
For High Production environment	100 D/A1 prints per hour	775-ml black, 400-ml color cartridges	160 GB hard disk	Optional PostScript	SCP reprocontrol for HP	2 rolls	Scanning/Copying capabilities
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HP Designjet 4520 Printer series

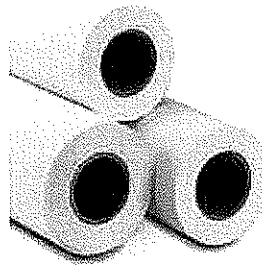
1. Ink cartridge of 225 and 400-ml for CMY, and 400 and 775-ml for K.
2. Accommodates 2 media rolls with long roll support up to 575 ft (175 m)
3. Front panel with user-friendly animations.
4. Color consistency and screen-to-print matching with HP Professional Color technologies.
5. Pairs of staggered printheads in the carriage mean the HP Designjet 4520 Printer series has double the print capacity of earlier models⁽⁷⁾.
6. HP Embedded Web Server for driverless file submission, queue management, preview, supplies and printer status, and error notification.
7. HP Embedded Jetdirect Gigabit Ethernet print server (1000Base-T) + 2 FireWire (IEEE-1394a compliant) ports.
8. EIO port for optional Jetdirect cards.
9. Embedded processor for simultaneous printing and processing. 160 GB hard disk and 608 MB standard memory—upgradeable to 1120 MB.
10. Equipped with a standard bin that holds 25 D (A1) prints. An optional stacker is capable of flattening and stacking up to 200 plots.



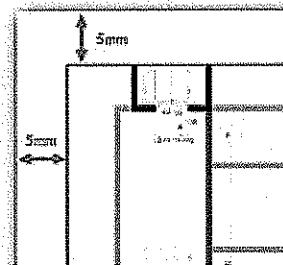
(7 Compared to any HP Designjet 600/700/800/1000 Printer)



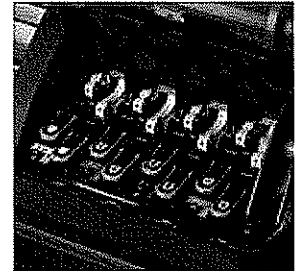
HP large black ink cartridge



HP long media roll



0.2 in (5 mm) margins



HP Double Swath Technology

HP Designjet 4520 Printer series at a glance

HP Designjet 4520 Printer

- Up to 42 in (1067 mm) wide
- 2400 x 1200 dpi maximum resolution
- Two media rolls with long roll support up to 575 ft (175 m)
- Ink supplies of 225 and 400-ml for CMY, 400 and 775-ml for K
- Embedded processor and 608 MB memory upgradeable up to 1120 MB; 160 GB hard disk
- Support for HP-GL/2, HP-RTL, TIFF, JPEG, CALS ©4

HP Designjet 4520ps Printer

- All the features of the 4520 model, plus:
- Embedded RIP for Adobe PostScript 3, Adobe PDF 1.5

HP Designjet 4520 HD-MFP

- All the features of the 4520 model, plus:
- Embedded RIP for Adobe PostScript 3, Adobe PDF 1.5
 - HP Designjet 4520 Scanner

Optional accessories

- HP Designjet 4500 Stacker
- HP Designjet 4520 Scanner⁸
- HP Designjet 42 in (1067 mm) Roll Feed Spindle
- HP Designjet 512 MB Memory Upgrade
- HP Designjet High-Speed USB 2.0 Card
- HP Jetdirect 630n IPv6 Gigabit Print Server
- HP Jetdirect 635n IPv6/IEEE Print Server
- Serif PosterDesigner Pro for HP
- SCP reprocontrol for HP

Optional service and support

- HP Installation Services with Network Setup (1 unit)
- HP Next Business Day Onsite Hardware Support, 3 years
- HP Same Day 9x5 Onsite Hardware Support, 3 years
- HP Same Day 13x5 Onsite Hardware Support, 3 years

Ideal for unattended printing of high-quality large-format drawings, graphics, maps, presentations, renders, and posters¹.

Full flexibility from the HP Designjet 4520 Printer series



More functionality with the HP Designjet 4520 HD-MFP

With scan speeds of 3 inches per second color and 10 inches per second black-and-white, 2-D (A1)-size prints in less than 1 minute², and excellent image quality (508 dpi optical resolution and up to 9600 dpi enhanced resolution), the HP Designjet 4520 HD-MFP delivers outstanding copy and scan performance.

The integrated copy system of this Designjet features real-time printer, media, and queue info in the scanner user interface, copy accounting in the printer, and copy job priority capability. Integration with the printer enables excellent copy quality and performance.

An easy-to-use touchscreen, easy color calibration, and easy print settings for printing sets make scanning and copying exceptionally user-friendly.

It is easy to integrate with a wide variety of industry-leading third-party applications such as scan, raster-to-vector conversion, or document management.

This MFP is fully compatible. Easily print scanned documents directly to almost any HP Designjet printer³. Built-in scan-to-network capabilities foster productivity with fewer steps. Easily save scanned files in PDF, TIFF, JPEG2000, and DWF file formats.

HP Designjet 4500 Stacker (optional)

The HP Designjet 4500 Stacker collects up to 200 D (A1) or E (A0) size plots and automatically flattens them, keeping them organized until you can gather them. Print unattended runs during business hours—and get more done—or overnight.

Free up production staff to work on multiple projects at once. The HP Designjet 4500 Stacker handles large black-and-white or color jobs without intervention. Unattended printing allows users to get more done.

Save time and collect your valuable, high-impact output as it prints with the HP Designjet 4500 Stacker. When you're ready to gather your output, it will be organized and waiting for you. Neatly and cleanly collects all sizes and weights of printable media supported by the HP Designjet 4520 Printer series⁴, including over 35 Original HP printing materials from new HP Coated Free Cooled Paper available in 100 g/m² and 170 g/m², to new chlorine-free HP Recycled Bond Paper made of 100% recycled base paper, to versatile HP Everyday Adhesive Matte Polypropylene and HP Durable Banner with DuPont[®] Tyvek[®].

¹ Unattended printing time. Line drawing printed on FastJet on HP Bright White HP Paper (Bond) Speed indicated by maximum print speed.

² Fully compatible with HP Designjet 310, 4020, 4320, 5000, 5900, 1610, 1120, 22100, 74200, 76100 series models.

³ Stack-to-performance may vary depending on the media used.



Ordering Information

Commercial model number:
CM770A (B1K)
Canada model number:
CM770A (B1K)

Standard

In the box:
Stand
Touch screen (Panel PC)
Keyboard
Ethernet cable
FireWire cables (2)
Power cord
System recovery DVD
Setup poster
Quick reference guide
Customer service guide
Documentation on CD-ROM

Standard warranty:
1 year limited hardware

Replaces

HP Designjet 4500 Scanner Q1277A

HP Care Pack Options

Recommended Care Packs

Installation with Network Setup Service H4518E

Next Business Day Onsite: 3 years UL639E

Optional Care Packs

Installation with Network Setup Service H4518E

Same Day Onsite, Standard Business Hours: 3 years UL636E

Same Day Onsite, Extended Business Hours: 3 years UL632E

Next Business Day Onsite: 3 years UL639E

Next Business Day Onsite: 4 years UL638E

Next Business Day Onsite: 5 years UL637E

Post Warranty Service, Remote User Assistance Support: 1 year HC132PE

Post Warranty Service, Same Day Onsite, Standard Business Hours: 1 year UL628PE

Post Warranty Service, Same Day Onsite, Extended Business Hours: 1 year UL627PE

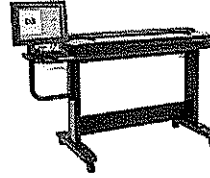
Post Warranty Service, Next Business Day Onsite: 1 year UL633PE

Fast, high-performance color scanner easily integrates with your current HP large-format printer.

Streamline workflow and increase productivity with fast (up to 76 mm or 3 inch per second in color; 254 mm or 10 inch per second in black and white), high-resolution (508 dpi optical resolution), wide-format copying and scanning.

Add the HP Designjet 4520 Scanner to HP Designjet printers for a self-contained color/black-and-white scanning solution that includes useful hardware, powerful software and intuitive operation. Integrate with a wide variety of scan applications.

Even untrained users can easily master operation and immediately scan large-format documents by using the graphical touchscreen display and intuitive scan software. Calibration wizards ensure high image quality in your scans, copies and prints.



Compatible Operating Systems

Standard Desktop

Windows NT 4.0	*
Windows 2000	*
Windows XP	*
UNIX	*
Linux	*
Mac OS	*

Standard Network

Windows NT 4.0	*
UNIX (HP-UX, Solaris)	*
Other	NDPS, OS/2 Warp (v3.0, 4.0), IBM AIX (v3.2.5 and later), MPE-IX (v5.5), Mac OS 9.x and OS X (TCP/IP)

Additional Information

Sales	www.designjet.hp.com
Technical Support	Data Sheet 4AA2-4847ENUC
Third-party solutions	www.hp.com/support
Reseller	www.hp.com/partners/us
Services	http://www.hp.com/go/services
Supplies and accessories	www.hp.com

Brand Specifications

PRINTER:

Print Technology	Printer-dependent
Print Length, Maximum	Printer-dependent
Media Width, Maximum	42 in
Media	
Handling/Document	Straight-through scan paper path for sheet and cardboard originals
Finishing	
Print Quality, Black Best	Printer-dependent
Print Quality, Color Best	Printer-dependent
Print Cartridges	Printer-dependent
Print Languages, Std	Printer-dependent
Print Languages, Opt	Printer-dependent
Print Cartridge Capacity	Printer-dependent
Ink Types	Printer-dependent

SCANNER:

Scan Speed	200 dpi/400 dpi Turbo color: 3 in/sec; Turbo black and white: 10 in/sec
Scan Resolution, Enhanced	9600 x 9600 dpi with variable resolution settings from 50 dpi in increments of 1 dpi
Scan Resolution, Optical	Up to 508 dpi
Grayscale Levels	256
Scan Resolution, Enhanced Mode	9600 x 9600 dpi with variable resolution settings from 50 dpi in increments of 1 dpi

COPIER:

Copier Settings	Type of original, image crop and align preview, lightness, saturation and RGB controls, sharpen/blur, mirror copy, enlarge/reduce, paneling, tiling, nesting, accounting, batch
Color Copies	No
Number Of Copies, Max	1,000
Copier Reduce/Enlarge	1-10,000%

GENERAL

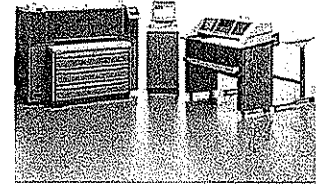
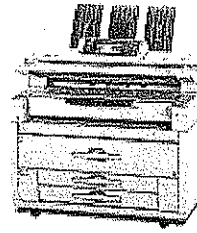
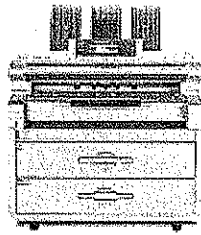
Non-abrasive paper, vellum, mylar, sepia, blueprints, plastic, film, plastic laminate, foam board, cardboard. (No plywood, stone plates, metal plates or abrasive, dirty, rough, sharp edged, metal clamped, or burned)

Media Types	surfaces or transparencies)
Media Sizes, Std	Printer-dependent
Media Sizes, Custom	Printer-dependent
Connectivity, Std	Gigabit Ethernet (1000Base-T), FireWire (IEEE-1394a compliant)
Connectivity, Opt	None
Memory, Std	1 GB, 40 GB hard drive
Memory, Max	1 GB, 40 GB hard drive
ENERGY STAR® Qualified	No
Mac Compatible	Yes
Dimensions (W x D x H)	70.8 x 40.2 x 54.3 in
Weight	204 lb
Dimensions, Metric	1800 x 850 x 1380 mm
Weight, Metric	92.5 kg
Shipping Dimensions	75.2 x 26.8 x 24.2 in
Shipping Weight	269 lb
Shipping Dimensions, Metric	1910 x 680 x 615 mm
Shipping Weight, Metric	122 kg

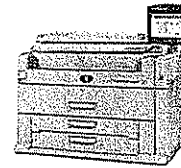
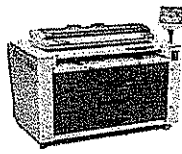
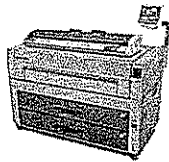
No Line art for this product

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Competitive Line Card



SPECIFICATIONS	Ricoh MP W7140	Ricoh MP W5100	Océ TDS800 Series
Footprint	Single	Single	Double
Controller options	External or Embedded Controller	External or Embedded Controller	External controller
Speed (Ds/min)	14ppm	10ppm	16ppm
Resolution	600 dpi	600 dpi	600dpi
Display	Color Touchscreen	Color Touchscreen	Monochrome Button Menu Panel
Output Image Width Max	36"	36"	36"
Output	B&W and Color Inkjet (with external controller)	B&W and Color Inkjet (with external controller)	B&W
Printing	External or Embedded	External or Embedded	External
Embedded Controller Features			
	Image Adjustments	Make Image Adjustments	N/A
	Set Job Parameters	Set Job Parameters	N/A
	Enter Accounting Data	Enter Accounting Data	N/A
	Manage Print Queue	Manage Print Queue	N/A
	Locked Print	Locked Print	N/A
	Pen Settings/Stamping	Pen Settings/Stamping	N/A
External Controller Features			
	Image Adjustments	Image Adjustments	Make Image Adjustments
	Set Job Parameters	Set Job Parameters	Set Job Parameters
	Enter Accounting Data	Enter Accounting Data	Enter Accounting Data
	Manage Print Queue	Manage Print Queue	Manage Print Queue
	Locked Print	Locked Print	No Locked Print
	Pen Settings/Stamping	Pen Settings/Stamping	Stamping
	Batch Print PDFs	Batch Print PDFs	INA
	Output to one color inkjet wide format device	Output to one color inkjet wide format device	INA
	Advanced Color Editing Features	Advanced Color Editing Features	INA
	Closed Loop Calibration	Closed Loop Calibration	INA
Web Printing (Browser Based)	Yes	Yes	N/A
Scanning	Embedded Color	Embedded Color	External B&W
Embedded	Scan to email/net/File/Document server/folder/SMB/URL, NCP	Scan to email/net/File/Document server/folder/SMB/URL, NCP	N/A
External	Scan to email, File, FTP, URL	Scan to email, File, FTP, URL	Scan to FTP, Network, Controller
Color Scanning	Standard with Scanning Option	Standard with Scanning Option	No
Scanning Resolution	200-600 dpi	200-600 dpi	up to 600dpi interpolated
Scan Speed (D-size @600dpi)	up to 6.7 ips B&W and Color	up to 4.72 ips B&W and Color	up to 6.64 ips B&W
Cut Sheet Cassette Tray	2 up to 18"x24"	2 up to 18"x24"	No
Roll Media	Up to 4	Up to 4	Up to 6
Cost Tracking/Recovery	External Controller Only-Basic	External Controller Only-Basic	Customized fields, numeric account in printer & scanner lockout
Integrated 3rd Party Wkflow Solutions	Not Available	Not Available	Available
File Formats Supported			
Embedded	CALS, HPGL 1/2, HP-RTL, TIFF, JPEG, DWG with standard HDI driver	CALS, HPGL 1/2, HP-RTL, TIFF, JPEG, DWG with standard HDI driver	N/A
External	Standard: HPGL 1 and 2, HP-RTL, TIFF, Calcomp 906/907, CALS, Intergraph, PCX, RLC, T6X, BMP, WMF, PS, PDF and PNG; Optional: CGM, DWG, DXF, DWF, VIC	Standard: HPGL 1 and 2, HP-RTL, TIFF, Calcomp 906/907, CALS, Intergraph, PCX, RLC, T6X, BMP, WMF, PS, PDF and PNG; Optional: CGM, DWG, DXF, DWF, VIC	TIFF, HPGL1/2, BMP,T6X, RLC,HP-R PCX, CALS 1, NIRS, EDMICS (C4) CalComp 906/907; Opt PDF, DWF
Scan file Type	TIFF, PDF, JPEG	TIFF, PDF, JPEG	TIFF, PDF, JPEG and CALS
Drivers	Mac os 10.x and up, RPCS (Windows Based), HDI, PS	Mac os 10.x and up, RPCS (Windows Based), HDI, PS	Mac OS8&9, HDI, Windows NT, 2001 XP; PostScript option
Security	User Codes, Passwords, Encryption, DOSS	User Codes, Passwords, Encryption, DOSS	INA
Stacking Options	Multistacker and Double Stacker Options	Multistacker and Double Stacker Options	Double Stacker Option



Océ TDS700 Series	KIP 7000	KIP 9000	Xerox 6279
Single	Single	Single	Single
External controller	Embedded Controller	Embedded Controller	External or Embedded Controller
8.5ppm	8ppm	22ppm	7ppm with 9ppm upgrade option
600dpi	600dpi	600dpi	600dpi
Monochrome Button Menu Panel	Vertical Color Touchscreen	Vertical Color Touchscreen	Vertical Color Touchscreen
36"	36"	36"	36"
B&W	B&W and Color IJ	B&W and Color IJ	B&W and Color IJ
External	Embedded	Embedded	Embedded
N/A	Make Image Adjustments	Make Image Adjustments	INA
N/A	Set Job Parameters	Set Job Parameters	INA
N/A	Enter Accounting Data	Enter Accounting Data	INA
N/A	Manage Print Queue	Manage Print Queue	INA
N/A	No Locked Print	No Locked Print	INA
N/A	INA	INA	INA
Make Image Adjustments	N/A	N/A	Image Adjustments
Set Job Parameters	N/A	N/A	Set Job Parameters
Enter Accounting Data	N/A	N/A	Enter Accounting Data
Manage Print Queue	N/A	N/A	Manage Print Queue
No Locked Print	N/A	N/A	Locked Print
Stamping	N/A	N/A	Pen Settings/Stamping
INA	N/A	N/A	Batch Print PDFs
INA	Output to one color inkjet wide format device	Output to one color inkjet wide format device	Output to one color inkjet wide format device
INA	N/A	N/A	Advanced Color Editing Features
INA	N/A	N/A	INA
N/A	Yes	Yes	
External B&W & Color	Embedded B&W & Color	Embedded B&W & Color	Embedded B&W & Color
N/A			Yes
Scan to FTP, Network, Controller	No	No	No
Yes with TDS Flexible Scanner up to 600dpi interpolated	Embedded Color Scan Option up to 600dpi	Embedded Color Scan Option up to 600dpi	Embedded Color Scan Opt up to 600dpi
3.3 ips B&W/ 2.8ips Color&greyscale	up to 1.4ips B&W; 3.4ips color	up to 1.4ips B&W; 3.2ips color	up to 4ips (7ppm); 6ips (9ppm) B&W; 1ips (7ppm); 2ips (9ppm) color
Up to 3	No	No	Yes, 2 with 2 roll option
Up to 4	Up to 3	Up to 3	Up to 4
Customized fields, numeric account input, printer & scanner lockout Available	Yes Copy, Scan and Print - Customizable Report delivered via email 3rd party integrated workflow solutions	Yes Copy, Scan and Print - Customizable Report delivered via email 3rd party integrated workflow solutions	Account Data Tracking
			INA
N/A	INA	INA	
TIFF, HPGL1/2, BMP, T6X, RLC, HP-RTL, PCX, CALS 1, NIRS, EDMICS (C4) CalComp 906/907; Opt PDF, DWF	N/A	N/A	Standard: HPGL/2, HP-RTL, TIFF 6.0, Cals1&2, CalComp 906/907/951/PCI, FileNET, NIRS, CGM, VCGL, VRF, Versatec Data Standards, Xerox emulation; Optional: PostScript, PDF, DWF, BMP, JPEG, PNG, GIF, DGN
TIFF, PDF, JPEG and CALS	TIFF, PDF, Email Ready JPEG	TIFF, PDF, Email Ready JPEG	INA
Mac OS8&9, HDI, Windows NT, 2000, XP; PostScript option	Microsoft certified Windows drivers, HDI 2000 and up, PostScript Option	Microsoft certified Windows drivers, HDI 2000 and up, PostScript Option	Windows XP, 2000, Server 2003, XP x64, Server 2003 x64, Server 2008 (32 and 64 bit), XP x64, Vista, Vista x64
INA			
Double Stacker Option	Yes	Yes	Yes