



Bidder agrees that the bid may not be withdrawn for a period of sixty (60) days from the actual date of the opening of the bid.

Submitted by:

Signature

C.J. McAllister - ACCOUNT EXEC.  
Name and Title (Print)

231.392.3405 / 231.941.8077  
Phone ~~Fax~~

Applied IMAGING  
Company Name

830 E. FRONT ST STE 204  
Company Address

TRAVERSE CITY MI 49686  
City, State, Zip

LOWERY CORP.  
Sole proprietorship/partnership/corporation

MICHIGAN  
If corporation, state of corporation

REFERENCES: (include name of organization, address, contact person, daytime phone number, and length of time services have been performed).

1. TCAPS - ENTIRE DISTRICT 412 WEBSTER ST. 49686 - KEN O'BRIEN  
(231) 933-1700 10+ YEARS 104 COPIERS / MFP'S

2. CENTRA WELLNESS NETWORK (MANISTEE BENZIE CMH) 6227 FRANKFORT HWY  
BENZONIA - JAMIE MAZZALENA (231) 309-1749 12 YEARS 9 MFP'S + SOFTWARE

3. CHERRY CROWERS INC 6331 US 31 GRAWN, MI SHARON OR JAN WINGWICKI  
(231) 276-9241 6+ YEARS

# APPLIED IMAGING

## Order Agreement

Date	4/18/2014
Delivery Date	
Tax Exempt	Yes
Sales Rep	C.J. McAllister

### Ship To

City Of Traverse City Light & Power

1131 Hastings St  
Traverse City MI  
49686

Contact: Julie Dalton  
Phone/Fax: (231) 922-4940

### Charge To

PO Number:

Contact:  
Phone/Fax:

Lease Type

FMV

Lease Months

60

Monthly Payment

\$230.32

Quantity	Product #	Description	Unit Price	Total Price
1	4837B030AB	iPF 825 MFP M40 imagePROGRAF iPF825 MFP M40		
1	2113V973	iPF 825 MFP M40 Printer Install 44" and over		

Contact Name

Julie Dalton

Phone

(231) 922-4940

Email

jdalton@traversecitymi.gov

Stairs

No

Credit Terms

Service charge of 1% per Month (12% Per Annum) or highest legal rate, will be charged on all past due accounts

Subtotal

\$11,516.00

Sales Tax

\$0.00

Delivery/Installation

TOTAL AMOUNT

\$11,516.00

Less Payment (Check # \_\_\_\_\_)

AMOUNT DUE

\$11,516.00

### Special Instructions

### Customer Acceptance

Print Name	Title	Authorized Signature	Date
Credit Card No.	Expiration Date	Security Code	



## Hardware Maintenance Plan

### Customer Information

City Of Traverse City Light & Power 1131 Hastings St Traverse City, MI 49686		
Main Contact:	Julie Dalton	Meter Phone
Meter Contact:		
E-Mail:		Meter Fax

Date:	4/18/2014
Customer #	
Representative:	C.J. McAllister
Meter Type:	FM Audit
Billing Frequency:	Annual
Contract Start Date:	

Item	Blended Base Rate	Blended Base Allowance	Overage
B/W			
Color			
B/W Printer	\$ -	-	-
Color Printer	\$ -	-	-

Make/Model	B&W Rate	Color Rate	Base	B&W Base Allowance	Color Base Allowance	Start Meter
iPF 825 MFP M40	\$ -	\$ -	1725.00/yr	-	-	

1. This agreement allows for an unlimited number of unscheduled maintenance calls, provided the calls are not a result of operator negligence. Applied Imaging's responsibility with this agreement ceases if the equipment covered is repaired or adjusted by any person other than an authorized Applied Imaging. Technical representative, or the supplies used are not authorized or approved by Applied Imaging.
2. Service shall be provided without additional charge 8:00 a.m. to 5:00 p.m. Monday through Friday (except National holidays), unless other arrangements have been made.
3. The maintenance service plan includes all necessary parts with the following exceptions:
  - a. Cassettes, master units, exit trays, work trays or any item that is not related to the electromechanical operation of the equipment.
  - b. Parts damaged by fire, water, other acts of nature, misuse or negligence on the part of the customer or operators of the equipment
  - c. Any software system or related connectivity support.
4. Maintenance with supplies agreements include toner, developer and photoreceptor (drum). These agreements do not include paper, staples or shipping.
5. It is the customer/user's responsibility to provide power that meets the specific requirement needs as well as proper service access space around the equipment. If either one or both of these conditions are not met, Applied Imaging reserves the right to suspend this protection plan until the power deficiency is corrected and/or adequate service space is provided.

COMMENTS

Customer Acceptance			Signature / Decline Maintenance	
Authorized Signature/Date	Print Name	Title	Signature	Date

# Terms and Conditions

## THIS ORDER SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS:

1. This order shall not be binding on AI until approved by AI home office.
2. All shipments shall be F.O.B. our warehouse.
3. AI reserves the right to make delivery in installments. All such installments shall be separately invoiced and paid for when due, without regard to subsequent deliveries. Delay in delivery of any installment shall not relieve buyer of its obligation to accept remaining installment.
4. AI reserves the right at any time to revoke any credit extended to buyer because of buyer's failure to pay for any goods when due or for any other reason deemed good and sufficient by AI.
5. AI shall not be liable for failure to deliver or delays in delivery occasioned by causes beyond AI control. This includes without limitation, strikes, lockouts, fires, embargoes, war or other outbreaks of hostilities, inability to obtain materials or shipping space, machinery breakdowns, delays of carrier or supplies, governmental acts and regulations, other causes beyond AI control and receipt of orders from all sources in excess of AI then scheduled production capability.
6. AI warrants that the goods covered by this order when delivered to the buyer will be merchantable quality and free from defects in workmanship and material for a period of 90 days on new equipment and 30 days on used equipment from the date of delivery by AI under ordinary use and conditions. In no event shall AI be liable for resulting or consequential damages occasioned by any breach of warranty. **THERE ARE NO OTHER WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED ARE EXCLUDED.**
7. All claims for goods or delay in delivery shall be deemed waived unless made in writing and delivered to AI within three days after receipt of goods by buyer.
8. Title to all goods and equipment shall remain with AI until such time as the purchase price thereof shall have been paid in full.
9. AI shall have a security interest in all goods and equipment delivered to buyer until the purchase price for same shall have been paid in full. At the request of AI, buyer shall execute and deliver a security agreement and/or financing statements in the form or forms submitted to buyer by AI.
10. This contract shall be governed by and construed according to the laws of the State of Michigan.
11. This contract constitutes the entire agreement between the parties and may not be modified or terminated except in writing signed by an officer of AI.
12. **General Scope of Maintenance Coverage** - This agreement covers both the labor and material for adjustments, repair and replacements of parts as required by normal use of the equipment, subject to the exception in and in accordance with these terms and conditions. This agreement does not cover charges for installation of equipment or de-installation of equipment if it is moved. Damage to the equipment or its parts arising out of or caused by misuse, abuse, negligence, attachment of unauthorized components, accessories or parts, use of substandard supplies or other causes beyond the control of AI are not covered by this agreement and may subject customer to a surcharge or to cancellation of the agreement. In addition, AI may terminate this agreement if the equipment is modified, damaged, altered, or serviced by personnel other than those employed by AI, or if parts, accessories, or components not meeting machine specifications are fitted to the equipment. This contract does not include connected issues, i.e. computer software related issues. Connected issues will be billed at current pricing for network services.
13. **Service Calls** - Service calls under this agreement will be made during normal business hours at the installation address shown on the reverse side of this agreement. Travel and labor time for service calls after normal business hours, on weekends and holidays, will be charged at the published overtime rates in effect at the time the service call is made. AI will not handle, disconnect, or repair unauthorized attachments to components; customer is responsible for disconnecting and reconnecting unauthorized attachments or components. Customer hereby indemnifies and holds AI and its employees harmless for claims for damages to any unauthorized parts, components or accessories resulting from service performed on AI equipment.
14. **Term** - This agreement shall become effective upon receipt by AI of the signed maintenance agreement and approval of the credit application. The AI contract shall continue for one full calendar year and/or the copy allowance as specified on the face of this agreement. The agreement is for a one year period. The agreement may be cancelled with 60 days written notice prior to the contract expiration date. If contract is cancelled prior to expiration date, a prorated penalty fee will be assessed, otherwise this agreement is automatically renewed for a like period at the then current contract rates. In the event Applied Imaging is unable to repair the equipment due to the discontinuation of a part or parts by the manufacturer Applied Imaging will then credit the unused portion of the maintenance charges to the customers account and cancel the contract. Any such credit must be used toward future purchases with Applied Imaging.
15. **Charges** - The initial charge for maintenance under this agreement shall be the amount set forth on the reverse side of this agreement, 11" x 17" constitutes 2 clicks. Pricing for maintenance under this agreement is subject to change on a yearly basis due to cost increase of parts and labor. Customer agrees to pay the total of all charges for maintenance during the initial term and any renewal term within 15 days of the date of the AI invoice for each charge. In the case of the limited maintenance agreement, the initial annual charge is payable upon the signing of this agreement by customer. Customer understands that alterations, attachments, specification changes, or use of substandard supplies that cause excessive service calls may require an increase in maintenance charges and agrees to pay such charges promptly when due.
16. **Breach of Default** - If the customer does not pay all the charges for maintenance or parts as provided under this agreement promptly when due (1) AI may (a) refuse to service the equipment or (b) cancel maintenance agreement (2) the customer agrees to pay AI (a) its costs and expenses of collection including the maximum attorney's fees permitted by law said fee not to exceed 25% of the amount due under this agreement and (b) all charges for service provided before payment of the contract on a "Per Call" basis based upon published rates in effect at the time of service. There will be a process fee of \$35.00 for NSF check.
17. **Use of Manufacturer Recommended Supplies** - The equipment is designed to give excellent performance with AI supplies including AI paper, toner, and fuser oil. If the customer uses other than AI supplies and if such supplies are defective or unacceptable for use in the machines and cause abnormality, frequent service calls or service problems, than AI may, at its option, assess a surcharge or terminate this agreement. In this event, the customer will be offered service on a "Per Call" basis based upon published rates. It is not a condition of this agreement, however, that the customer may use only AI authorized supplies.
18. **No Warranty** - AI disclaims all warranties, express or implied, including any implied warranties or merchantability fitness for use, or fitness for a particular purpose. Customer agrees that AI is not responsible for direct incidental or consequential damages including, not limited to damages arising out of the use of performance of the equipment or the loss of the equipment.
19. **Miscellaneous** - This agreement shall be governed by and construed according to the laws of the State of Michigan applicable to agreements wholly negotiated, executed and performed in the State of Michigan. It constitutes the entire agreement between the parties and may not be modified except in writing signed by duly authorized officers of AI and the customer.

Effective: April 13, 2009



Applied Imaging  
5282 East Paris Ave SE  
Grand Rapids, MI 49512  
Phone (616) 554-5200  
Fax (616) 554-6200  
[www.appliedimaging.com](http://www.appliedimaging.com)

# Proposal and Investment Plan

## City Of Traverse City Light & Power

The contents of this proposal are confidential trade secret information and intended for the use of City Of Traverse City Light & Power only. The contents herein may not be reproduced without the specific written permission of Compass Sales Solutions. This is a proposal only and informative in nature. Actual contract terms and conditions, as well as final pricing, may change, and will be submitted upon your request.

*Pricing in this proposal expires 60 days after April 18, 2014.*

**FOR: JULIE DALTON**  
**BY: C.J. MCALLISTER**

**DATE: APRIL 18, 2014**

[www.appliedimaging.com](http://www.appliedimaging.com)

*Confidential*



April 18, 2014

City Of Traverse City Light & Power  
1131 Hastings St  
Traverse City, MI 49686

Dear , Traverse City Light & Power

I would like to take a moment to thank you for the opportunity to meet with you and for considering our company. At Applied Imaging we pride ourselves on our "Yes-It-Can-Be-Done" attitude. We feel that we are able to offer the very best solutions for the following reasons:

**POWER OF PARTNERSHIP**

Applied Imaging is dedicated to helping companies become more efficient, productive, and competitive. Capitalizing on the best in office technologies direct from the world's top manufacturers and developers, we provide innovative solutions that are responsive to our customers' imaging, document, and information system needs and objectives.

Furthermore, Applied Imaging is prepared to help you adapt to any changes in your industry, as well as the subsequent growth of your organization, by continuously providing you with the services needed to be as productive as possible. Our extensive offerings will allow you to continue to tailor your solution to the changing demands of your workflow.

**COMPANY COMMITMENT – APPLIED IMAGING**

Applied Imaging's commitment to your company's success is just beginning. Following implementation, we will service and support your solution to ensure it continues to function at optimal capacity and meet the demands of your daily document workflow.

**INDIVIDUAL INVESTMENT –**

Implementation is just the beginning. I will continue to support your business by:

- » Making myself readily available to discuss your solution as well as other business objectives you may have
- » Maintaining regular contact with users to ensure their satisfaction
- » Monitoring the solution to guarantee its effectiveness in meeting your needs
- » Introducing new products and technologies in order to ensure your company continues to function at maximum efficiency

I look forward to working with you and I am committed to exceeding your expectations with prompt attention and service.

Sincerely, C.J. McAllister



Account Representative

*Confidential*



# PROPOSED SOLUTION FOR: CITY OF TRAVERSE CITY LIGHT & POWER

## EQUIPMENT PROPOSED

Quantity	Model	Description
1	Canon ImagePROGRAF 825 MFP	Color Wide Format Copier/ Printer/ Scanner

Please see attached brochure or specification sheet for more details.

## LEASE OPTIONS

Term	Total Payment
60 months	\$230.32 or \$402.72 with Bundled Maintenance

Term	Total Investment
Purchase	\$11,516.00

Maintenance Fees \$1725.00 per year

## MAINTENANCE AND SUPPLIES

The program includes:

- Delivery;
- Setup and Installation;
- Coordination with your Network Administrator;
- Assistance with workstation tools installation;
- Key operator training on all equipment features and operation;
- Continuous monitoring of software and firmware upgrades; and
- Assistance with all required upgrade action
- Parts and Labor



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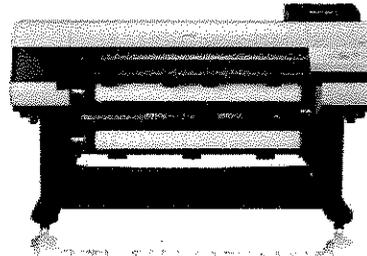
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## imagePROGRAF iPF825 Large Format Printers



### About imagePROGRAF iPF825

Item Code: 4837B002

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Average Rating      3

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## Specifications

### Main Unit Specs

Printer Type	5-Color 44-inch Dual Roll Printer
Number of Nozzles	Total: 15,360 MBK: 5,120 nozzles C, M, Y, BK: 2,560 nozzles each
Nozzle Pitch	1,200 dpi Non-firing nozzle detection and compensation
Print Resolution (Up to)	2,400 x 1,200 dpi (Max)
OS Compatibility	Windows XP/Server 2003/Server 2008/Vista/7 (32/64bit), Macintosh OSX 10.3.9-10.6 (32 bit), OS X 10.5-10.6 (64 bit)
Standard Interfaces	USB 2.0 High-Speed 10/100 Base-T/TX
Ink Compatibility	4 picoliter
Ink Capacity	330ml per color (Optional 700ml)
Ink Droplet Size	Dye/Pigment Reactive Ink
Color Set	Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black
Buffer Ram	32 GB dedicated file processing memory, 384MB RAM
Hard Drive	160 GB
Media Width	Cut Sheet: 8" - 44" Roll: 10" - 44"
Media Thickness	Front Loading Manual Feed: 0.07 - 0.8mm (2.8 - 31.4mil) Roll: 0.07 - 0.8mm (2.8 - 31.4mil)
Maximum Roll Print Length	59 Feet (18 meters) <sup>2</sup>
Maximum Media Roll Diameter	5.9" (150mm)



[Learn more >>](#)



[Learn more >>](#)

Borderless Printing Width	(Roll Media Only): 10", 14", 17", B2 (20.3"/515 mm), A1 (23.4"/594 mm), A0 (33.1"/841 mm), 24", 36", B0 (40.6"/1,030mm), 42"
Paper Feed Method	Roll Feed: Two Rolls, front output  Front Loading Manual Feed: One sheet, front output
Languages	GARO (Canon Proprietary), HP-GL/2, HP RTL
Noise Level Approx	Operation: 52 dB (A) or less  Standby: 35 dB (A) or less  Acoustic Power: 6.8 Bells
Physical Dimensions	45.1" (H) x 74.6" (W) x 50.9" (D)
Weight	Approximately 416.7 lbs. with stand
Power Source	AC-100-120V (50-60Hz)
Power Consumption	Maximum: 190W or less  Standby: 6W or less  Power Off: 1W or less (Compliant with Executive Order)
Operating Environment	Temperature: 59°-86° F (15°-30° C)
User-replaceable items	Print Head (PF-03)  Maintenance Cartridge (MC-09)  Ink Tanks (FFI-303/FFI-703)
Software Included	PosterArtist Lite, Accounting Manager, Canon Printer Driver, Digital Photo Front-Access, Printer Driver Extra Kit (Free Layout, imageRUNNER Linking Function), HDI Driver for AutoCAD®

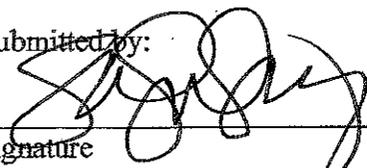
[BACK TO TOP](#)

1. For imagePROGRAF Printer Driver. For printing from PostScript applications such as Adobe Illustrator or QuarkXpress, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with Canon Alliance and Industry Market list of RIP vendors.
2. The maximum printable length varies depending on the application, OS, and RIP used.
3. For AutoCAD or AutoCAD LT 2005, 2006, 2007, 2008, 2009, 2010, 2011.

Bidder agrees that the bid may not be withdrawn for a period of sixty (60) days from the actual date of the opening of the bid.

Submitted by:

Signature

  
SEAN SKARSHAUG, PRES.

Name and Title (Print)

231.947.6284 / 231.947.6552

Phone

Fax

TRAVERSE REPRODUCTION & SUPPLY CO.

Company Name

INK

1373 BARLOW ST.

Company Address

TRAVERSE CITY, MI 49686

City,

State,

Zip

CORPORATION

Sole proprietorship/partnership/corporation

MICHIGAN

If corporation, state of corporation

REFERENCES: (include name of organization, address, contact person, daytime phone number, and length of time services have been performed).

1. CORNERSTONE ARCHITECTS (WANDA DIAMOND) 231.947.2177 X103  
122 S. UNION ST., TRAVERSE CITY, MI 49684 - 20 YEARS
2. GOURDIE-FRASER & ASSOCIATES (HEATHER BRADY) 231.946.5874  
123 W. FRONT ST., TRAVERSE CITY, MI 49684 - 60 YEARS
3. CITY OF TRAVERSE CITY ENGINEERING (TIM LODGE/MISSY LUICK)  
400 BOARDMAN AVENUE, TRAVERSE CITY, MI 49684 - 40 YEARS

MANY MORE AVAILABLE UPON REQUEST.

# traverse reproduction & supply co.

1373 barlow  
traverse city, mi 49686  
<http://www.traverserepro.com>

231-947-6284  
231-947-6552  
seans@traverserepro.com

April 21, 2014

**Julie Dalton, Purchasing Agent**  
**City of Traverse City**  
**City Manager's Office, Governmental Center**  
**400 Boardman Avenue**  
**Traverse City, MI 49684**

We are pleased to submit the following quotation for your consideration:

New HP DesignJet T2300ps eMFP 2-roll multifunction printer with 44" wide-format color ink jet printer with Adobe PostScript, 32 GB virtual memory, 160 GB hard drive, internal HP JetDirect 10/100/1000 NIC card, Adobe PostScript, 1200-2400 DPI, 24" x 36" plot in 28 seconds, 36" CIS color scanner with up to 600 DPI resolution, 1.5" per second scanning in color @ 200 DPI, 4.5" per second scanning in monochrome @ 200 DPI, and HP touch screen with full scan-to-print integration software

**Delivered Price**

**\$7,795.00**

This machine comes with a 1-year warranty, on-site parts and labor. The machine would be delivered in 3 days. **The price includes delivery, installation and all required training. Traverse Reproduction & Supply is recognized by HP as a Gold DesignJet Specialist Partner. Our 2014 certificate is included in our quote.** Please call if I can answer any questions for you.

*Sean*

Sean Skarshaug



# HP DESIGNJET T2300

eMFP SERIES

HIT PRINT  
INTELLIGENTLY



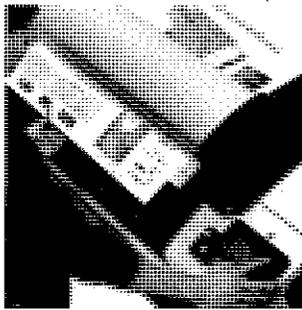
## The first Web-connected printer with MFP benefits



### So easy and intuitive, you'll love using it

The HP Designjet T2300 eMFP is so easy and intuitive that printing and scanning is virtually effortless. Its color touchscreen makes interacting with your printer a breeze. And direct printing eliminates print driver and network hassles.

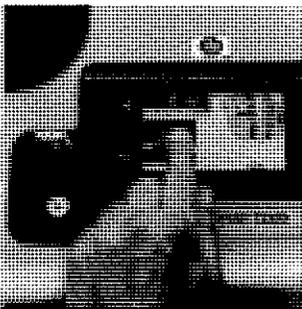
- One-click print, scan, and copy.
- Create a print-ready PDF at the same time you print with HP ePrint & Share.<sup>1</sup>
- Discover the power of touch—this eMFP's color touchscreen enables intuitive operation and page previews.
- Web-connected and easy to update. Software updates occur automatically, every six months.



### Instantly share and manage content with your teams

This printing system is designed to inspire and aid collaboration in and out of your office. Easily print, scan, and share drawings with your partners and clients. An integrated large-format scanner lets you capture and share ideas in real time.

- Scan sketches and hand-annotated drawings.
- Scan drawings to create print-ready files. Share them via an e-mail link to your HP ePrint & Share library.<sup>1</sup>
- Work on multiple projects at the same time with two rolls and smart switching.
- Keep the collaborative flow—you get consistent quality results with HP printing materials and Original HP supplies.



### Print and scan on the go with HP ePrint & Share<sup>1</sup>

Work with a printer that enables, rather than constrains, you. This printer does away with cables and drivers so you have greater freedom to print where and when it's most convenient—with a USB drive—in the office or at the client site.

- Instantly scan content, upload it, or send it directly to HP ePrint & Share.<sup>1</sup>
- Print remotely<sup>2</sup> to any large-format HP Web-connected Designjet from your computer or mobile device.
- Print TIFF, JPEG, and PDF<sup>3</sup> files directly from your USB thumb drive; no PC required.
- Print to any HP Designjet printer without installing multiple drivers with HP ePrint & Share.<sup>1</sup>

<sup>1</sup> HP ePrint & Share is a free Web-printing solution that lets you automatically manage content online. It requires an Internet connection.

<sup>2</sup> Remote Printing will be available by end of 2011.

<sup>3</sup> PDF files only available with PostScript accessory (optional accessory to be purchased separately) or buying PS versions.

### ECO HIGHLIGHTS

### HP DESIGNJET T2300 eMFP SERIES

- Save paper with automatic print settings and image nesting
- Less ink wasted due to efficient installation and maintenance routines
- Free, convenient HP ink cartridge and printhead recycling<sup>1</sup>
- Works with FSC<sup>®</sup> and PEFC certified HP papers<sup>2</sup>
- ENERGY STAR<sup>®</sup> qualified

<sup>1</sup> Visit [www.hp.com/recycle](http://www.hp.com/recycle) to see how to participate and for HP Planet Partners program availability; program may not be available in your area.

<sup>2</sup> See [www.hp.com/go/HPmedforresources](http://www.hp.com/go/HPmedforresources)

[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

[www.hp.com/recycle](http://www.hp.com/recycle)

Please recycle large-format printing bars, wire and printing supplies. HP recycling services make it easy to dispose of products or end-of-use.



Autodesk



FSC® C017543



PEFC/29-31-198

# HP DESIGNJET T2300 eMFP SERIES

## TECHNICAL SPECIFICATIONS

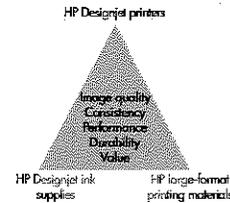
PRINT	
Line drawings	Fast <sup>1</sup> : 28 sec/page on A1/D, 103 A1/D prints per hour
Color images	Fast <sup>1</sup> : 51 m <sup>2</sup> /hr (549 f <sup>2</sup> /hr) Best <sup>2</sup> : 3.1 m <sup>2</sup> /hr (33.3 f <sup>2</sup> /hr)
Print resolution	Up to 2400 x 1200 optimized dpi from 1200 x 1200 input dpi and Optimization for Photo Paper selected
Margins (top x bottom x left x right)	Roll: 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) (borderless on photo papers) Sheet: 5 x 16.75 x 5 x 5 mm (0.2 x 0.67 x 0.2 x 0.2 in)
Technology	HP Thermal Inkjet
Ink cartridge colors	Cyan (C), gray (G), magenta (M), matte black (mK), photo black (pK), yellow (Y)
Ink types	Dye-based (C, G, M, pK, Y); pigment-based (mK)
Ink drop	6 pl (C, G, M, pK); 9 pl (mK, Y)
Ink cartridge size	300 ml (mK) 130 ml (C, G, M, mK, pK, Y) 69 ml (C, G, M, pK, Y)
Line accuracy	+/- 0.1% <sup>3</sup>
Minimum line width	0.02 mm (0.0008 in) (HPGL/2 addressable)
Guaranteed minimum line width	0.06 mm (0.0024 in) (ISO/IEC 13660:2001 (E)) <sup>4</sup>
SCAN	
Scan speed	Color: 3.81 cm/sec (1.5 in/sec) Grayscale: 11.43 cm/sec (4.5 in/sec)
Scan/copy resolution	Up to 600 dpi
Maximum scan size	91.4 x 237.8 cm (36 x 93.6 in)
Maximum scan thickness	0.8 mm (0.03 in)
COPY	
Reduction/enlargement	25 to 400%
Maximum copies	Up to 99 copies
Copier settings	Copy quality, copy color, roll, content type, original paper type, background removal, contrast, de-skew
MEDIA	
Handling	Printer: sheet feed, two automatic roll feeds, automatic roll-switching, automatic cutter Scanner: straight-through scan paper path for sheet and cardboard originals
Types	Printer: bond and coated paper, technical paper, film, photographic paper, self-adhesive Scanner: non-abrasive paper, vellum, translucent, Mylar, recycled, blueprints, cardboard (No plywood, stone plates, metal plates or abrasive, dirty, rough, sharp edged, metal clamped, or burned surfaces or transparencies)
MEMORY	
	32 GB (virtual) <sup>5</sup> , 160 GB hard disk
CONNECTIVITY	
Interfaces (standard)	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot
Print languages (standard)	eMFP: TIFF, JPEG, HPGL/2, HP-RTL, CALS G4, HP PCL 3 GUI PostScript eMFP: Adobe <sup>®</sup> PostScript <sup>®</sup> 3 <sup>TM</sup> , Adobe PDF 1.7, TIFF, JPEG, HPGL/2, HP-RTL, CALS G4, HP PCL 3 GUI
Drivers (included)	HP-GL/2, HP-RTL drivers for Windows <sup>®</sup> (optimized for AutoCAD 2000 and higher); HP PCL 3 GUI driver for Mac OS X; PostScript <sup>®</sup> Windows, Linux, and Mac drivers <sup>6</sup>
DIMENSIONS (w x d x h)	
Printer	1771 x 1010 x 1124 mm (69.7 x 39.8 x 44.3 in)
Shipping	1930 x 766 x 827 mm (76 x 30.2 x 32.6 in)
WEIGHT	
Printer	103 kg (226 lb)
Shipping	135 kg (297 lb)
WHAT'S IN THE BOX	
	HP DesignJet T2300 eMFP, printheads, introductory ink cartridges, printer stand, spindle, quick reference guide, setup poster, startup software, Scan2CAD software (free trial), AutoCAD Raster Design software, USB cable, power cord
ENVIRONMENTAL RANGES	
Operating temperature	5 to 40°C (41 to 104°F)
Storage temperature	-25 to 55°C (-13 to 131°F)
Operating humidity	20 to 80% RH
ACOUSTIC	
Sound pressure, active	43 dB(A)
Sound pressure, standby	32 dB(A)
Sound power, active	6.1 B(A)
Sound power, standby	4.4 B(A)
POWER	
Printing	< 120 watts
Powersave	< 11 watts (< 28 watts with embedded Digital Front End)
Off	< 0.1 watts
Requirements	Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz)
CERTIFICATION	
Safety	USA and Canada (CSA certified), EU (LVD and EN 60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NICE), Korea (KATS)
Electromagnetic	Compliance for Class A ITE products: EU (EMC Directive), USA (FCC Rules), Canada (ICES), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI); Certified as Class A product in Korea (KCC)
Environmental	WEEE, EU RoHS, China RoHS, REACH, EuP
ENERGY STAR <sup>®</sup> qualified models	See: <a href="http://www.hp.com/go/energystar">www.hp.com/go/energystar</a>
WARRANTY	
	1 year limited hardware warranty

For more information, please visit:

[www.hp.com/go/designjetT2300eMFP](http://www.hp.com/go/designjetT2300eMFP) or [www.hp.com/go/simplify](http://www.hp.com/go/simplify)

## ORDERING INFORMATION

PRODUCT	
CN727A	HP DesignJet T2300 eMultiFunction Printer
CN728A	HP DesignJet T2300 PostScript eMultiFunction Printer
ACCESSORIES	
CN500B	HP DesignJet PostScript Upgrade
Q6709A	HP DesignJet 44-inch Roll Feed Spindle
CN501A	HP DesignJet External Hard Disk
J7961G	HP Jetdirect 635n IPv6/1Psec Print Server
CN454A	SCP reprocontrol for HP (1 printer)
CN455A	SCP reprocontrol for HP (2 printers)
ORIGINAL HP PRINTHEADS	
C9380A	HP 72 Gray and Photo Black Printhead
C9383A	HP 72 Magenta and Cyan Printhead
C9384A	HP 72 Matte Black and Yellow Printhead
ORIGINAL HP INK CARTRIDGES	
C9397A	HP 72 69-ml Photo Black Ink Cartridge
C9398A	HP 72 69-ml Cyan Ink Cartridge
C9399A	HP 72 69-ml Magenta Ink Cartridge
C9400A	HP 72 69-ml Yellow Ink Cartridge
C9401A	HP 72 69-ml Gray Ink Cartridge
C9403A	HP 72 130-ml Matte Black Ink Cartridge
C9370A	HP 72 130-ml Photo Black Ink Cartridge
C9371A	HP 72 130-ml Cyan Ink Cartridge
C9372A	HP 72 130-ml Magenta Ink Cartridge
C9373A	HP 72 130-ml Yellow Ink Cartridge
C9374A	HP 72 130-ml Gray Ink Cartridge
CH575A	HP 726 300-ml Matte Black DesignJet Ink Cartridge



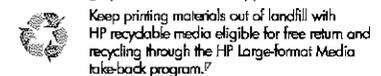
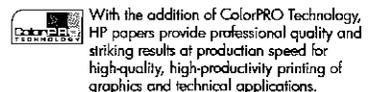
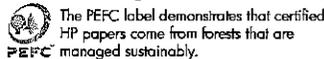
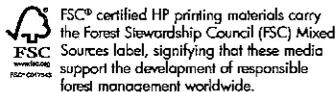
The HP printing system  
HP printers, HP ink formulations and printing supplies, and HP printing materials are designed and engineered to work together as an optimized printing system, providing exceptional print quality and reliability—print after print. HP supplies are exceptionally consistent—providing less downtime and increased productivity.

Try these popular HP media and experience optimum performance from your HP printing system:

## ORIGINAL HP LARGE-FORMAT PRINTING MATERIALS

HP Bright White Inkjet Paper	ColorPRO FSC <sup>®</sup> certified	C1860A, C1861A, C6035A, C6036A, C6810A, Q1444A-Q1446A
HP Universal Bond Paper	ColorPRO FSC <sup>®</sup> certified	Q1396A-Q1398A, Q8751A, Q8003A-Q8005A
HP Recycled Bond Paper		CG889A-CG892A
HP Universal Coated Paper	FSC <sup>®</sup> certified	Q1404A-Q1406A
HP Universal Heavyweight Coated Paper	FSC <sup>®</sup> certified	Q1412A-Q1414A
HP Translucent Bond Paper		C3859A, C3860A
HP Vellum Paper		C3861A, C3862A
HP Clear Film		C3875A, C3876A
HP Matte Film		51642A, 51642B
HP Premium Matte Photo Paper		CG459A, CG460A
HP Premium Plus Gloss Photo Paper (Satin)		Q5488A (Q7920A, Q5491A)
HP Universal High-gloss Photo Paper (Semi-gloss)		Q1426A-Q1428A (Q1420A-Q1422A)
HP Everyday Adhesive Matte Polypropylene		CG824A, CG825A, CG843A
HP Coated Paper	PEFC certified	C6019B, C6020B, C6567B, C6980A, Q1441A-Q1443A
HP Heavyweight Coated Paper	PEFC certified	C6029C, C6030C, C6569C, Q1956A

For more HP large-format printing materials and detailed information on sizes and region availability, please visit us online at: [www.hp.com/go/lprinting/materials-supplies](http://www.hp.com/go/lprinting/materials-supplies)



## SERVICE AND SUPPORT—HP DESIGNJET T2300 eMFP

UX901E	HP 3 year Next Business Day Hardware Support
UX908E	HP 4 year Next Business Day Hardware Support
UX907E	HP 5 year Next Business Day Hardware Support
UX915PE	HP 1 year Post Warranty, Next Business Day Hardware Support
UX914PE	HP 2 year Post Warranty, Next Business Day Hardware Support
H4518E	HP Network Installation Service

<sup>1</sup> Mechanical printing time. Printed on plain media with Economode on.

<sup>2</sup> Mechanical printing time. Printed on glossy media.

<sup>3</sup> +/-0.1% of the specified vector length or +/-0.2 mm (whichever greater) at 23°C (73°F), 50-60% relative humidity, on A0/E printing material in Best or Normal mode with HP Matte Film.

<sup>4</sup> Measured on HP Matte Film.

<sup>5</sup> Based on 640 MB RAM.

<sup>6</sup> Included with the HP DesignJet T2300 PostScript eMFP only.

<sup>7</sup> HP Large-format Media take-back program availability varies. Some recyclable HP papers can be recycled through commonly available recycling programs. Recycling programs may not exist in your area. See [www.hp.com/recycle](http://www.hp.com/recycle) for details.



Bidder agrees that the bid may not be withdrawn for a period of sixty (60) days from the actual date of the opening of the bid.

Submitted by:

Tom Tilton  
Signature

Tom TILTON PRESIDENT  
Name and Title (Print)

616 392 7700      616 392 7741  
Phone                      Fax

ENGINEERING Supply & IMAGING  
Company Name

11281 JAMES ST  
Company Address

HOLLAND      MI      49424  
City,                      State,                      Zip

CORPORATION  
Sole proprietorship/partnership/corporation

MICHIGAN  
If corporation, state of corporation

REFERENCES: (include name of organization, address, contact person, daytime phone number, and length of time services have been performed).

1. GRAND TRAVERSE County GIS 400 BOARDMAN AVE TRAVERSE CITY MI  
RAINER REICHAERT 231-922-4775 7 YEARS
2. TRAVERSE Print & Copy 700 BOON ST. TRAVERSE CITY MI  
Anthony CASCIANI 231-946-9942 9 YEARS
3. GRAND TRAVERSE Builders Exchange 1373 BARLOW ST. TRAVERSE CITY  
Ruth Nunnely 231-946-5531 8 YEARS



ENGINEERING SUPPLY  
AND IMAGING

Holland • Grand Rapids  
1.888.703.0334

## Quotation

### The City of Traverse City

City Managers Office, Governmental Center  
Second Floor, 400 Boardman Ave.

Attn: Julie Dalton

Phone: 231.922.4440

Email: [jdalton@traversecitymi.gov](mailto:jdalton@traversecitymi.gov)

DATE

TERMS

F.O.B.

April 21, 2014

NET 30 DAYS

FOB Destination, Freight Prepaid & Add

QTY

UNIT

DESCRIPTION

AMOUNT

### Canon IPF 825 MFP

- 44" wide printer
- Color Scanner
- 2 rolls
- **5 color inks (6 inks total)**
- 160 GB hard drive
- 10/100 Ethernet connection
- 1 year warranty
- Stand and delivery basket
- Freight

**\$9,399.00**

**Options:**

Canon Extended Service Option:

2 year care pack (3years total with warranty)

Next business day onsite response

\$ 3,445.00

Hardware support excludes consumable items

(paper, ink, printheads, maintenance cartridges)

Onsite set up, installation and training

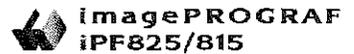
\$ Included

***Quote is good for 60 days from bid due date.***

www.engineeringsupply.com

Color Big and Small

# imagePROGRAF



## PRINTER SPECIFICATIONS

**Output Width**  
44" Wide

**Number of Ink Tanks**  
6

**Color Set**  
Dye: Cyan, Magenta, Yellow, Black  
Pigment: Matte Black

**Ink Type**  
Dye/Pigment Reactive Ink

**Ink Tank Size**  
330ml and 700ml

**Maximum Print Resolution (dpi)**  
2400 x 1200

**Total Number of Nozzles**  
15,360

**Ink Droplet**  
Consistent 4pl

**Maximum Print Speed**  
(1200 x 1200 dpi on Plain Paper)  
688 sq.ft. per hr.\*

**Print Speed Best Quality Mode**  
(2400 x 1200 dpi on Photo Gloss Paper)  
89 sq.ft. per hr.\*

**Software/Utilities/Applications**

- Canon Printer Driver
- HDI Driver
- Print Plug-in for Microsoft Office
- Digital Photo Front-Access
- Remote User Interface
- Media Configuration Tool
- Supports HP-GL/2, HP RTL Files
- PosterArtist Lite
- PosterArtist (optional) (PC only)
- Third-Party RIPs (optional)

**Special Features**

- Dual Media Rolls (iPF825 only)
- Accounting Manager (PC only)
- Economy Color Mode
- Sub Ink Tank System
- Independent Rotary Cutter

**Printer Dimensions (H x W x D)**  
iPF825: 45" x 74.5" x 50.9" (with basket)  
iPF815: 45" x 74.5" x 38.4

**Printer Weight**  
iPF825: Approx. 417 lb.  
iPF815: Approx. 305 lb.

**Printer Memory**  
384MB RAM  
32GB Dedicated File Processing Memory

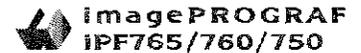
**Hard Drive**  
160GB

**Connectivity**  
USB 2.0: 10/100Base-T/TX

**Operating System**  
Windows®,\*\* Macintosh®\*\*

\* OS: Windows XP SP2, CPU: Pentium® 4 3.2GHz, RAM: 1GB, Application: Adobe® Photoshop® 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No.5, Output image size: A1 (580mm x 724.8mm) for iPF655/650/610, A2 (410mm x 512.5mm) for iPF510 using optional Roll Feed. Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

\*\* Please visit [www.usa.canon.com/download](http://www.usa.canon.com/download) for availability.



## PRINTER SPECIFICATIONS

**Output Width**  
36" Wide

**Number of Ink Tanks**  
6

**Color Set**  
Dye: Cyan, Magenta, Yellow, Black  
Pigment: Matte Black, Matte Black

**Ink Type**  
Dye/Pigment Reactive Ink

**Ink Tank Size**  
130ml†

**Maximum Print Resolution (dpi)**  
2400 x 1200

**Total Number of Nozzles**  
15,360

**Ink Droplet**  
Consistent 4pl

**Maximum Print Speed**  
(1200 x 1200 dpi on Plain Paper)  
733 sq.ft. per hr.\*

**Print Speed Best Quality Mode**  
(2400 x 1200 dpi on Photo Gloss Paper)  
79 sq.ft. per hr.\*

**Software/Utilities/Applications**  
**iPF765/760**

- Canon Printer Driver
- Optimization Module for AutoCAD (PC only)
- Print Plug-in for Microsoft Office
- Remote User Interface
- Media Configuration Tool
- PosterArtist Lite
- PosterArtist (optional) (PC only)
- Third-Party RIPs (optional)

**iPF750**

- Canon Printer Driver
- HDI Driver
- Digital Photo Front-Access
- Print Plug-in for Microsoft Office
- Remote User Interface
- Media Configuration Tool
- Supports HP-GL/2, HP RTL
- PosterArtist Lite
- PosterArtist (optional) (PC only)
- Third-Party RIPs (optional)

**Printer Dimensions (H x W x D)**  
41.8" x 51.3" x 34.5"  
41.8" x 51.3" x 43.3 (when Basket is in the extended position for flatbed stacking, iPF765/760 only)

**Printer Weight**  
Approx. 141.3 lb.

**Special Features**  
**iPF765/760**

- Flat Stacker/Basket
- Interface Lock
- Accounting Manager (PC only)
- Sub Ink Tank System
- Top-loading Roll Feed

**iPF750**

- Accounting Manager (PC only)
- Sub Ink Tank System
- Top-loading Roll Feed
- Gigabit Ethernet Support
- Intuitive Operation Panel

**Printer Memory**  
256MB (32GB iPF765 only)

**Hard Drive**  
250GB (iPF765 only)

**Connectivity**  
USB 2.0: 10/100/1000Base-T/TX

**Operating System**  
Windows,\*\* Macintosh\*\*

† The starter ink tanks in the package with the printer are not the same capacity as the replacement ink tanks specified here.

\* OS: Windows XP SP2, CPU: Pentium 4 3.2GHz, RAM: 1GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No.5, Output image size: A0 (827mm x 1033.8mm), Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

\*\* Please visit [www.usa.canon.com/download](http://www.usa.canon.com/download) for availability.

# imagePROGRAF



## M40 SCANNER SPECIFICATIONS

### Scan Speed\*

- 48-bit Full Color @ 200 dpi: 3" (per second)
- 8-bit Grayscale and Monochrome @ 200 dpi: 13" (per second)

### Scan Modes

- 16.7-million Color RGB (24-bit)
- 256 color RGB Adaptive Indexed Color Palette (8-bit)
- 256-level Grayscale (8-bit)
- Black and White (1-bit)

### Color Space

Normalized RGB

### Resolution

- 9600 dpi (maximum interpolated)
- 1200 dpi (optical)

### Scan Accuracy\*\*

+/- 0.1% ; +/- 1 pixel

### Maximum Image Width

40"

### Maximum Media Width

42"

### Maximum Scan Length

96"

### Maximum Media Thickness

0.079" (2mm)

### Media Feed System

Single large diameter precision ground drive roller; adaptive CIS media focus management and media guide mechanism; intuitive face-up, front-loading, and front/rear-exit media path with side justification; automatic media size detection with reliable optical media sensors

### Digital Imaging Technology

Contact Image Sensor (CIS) Technology (SingleSensor Assembly)

- 5x close-spaced "deep focus" CIS (25,000 pixels)
- 48-bit RGB digital color image capture (50,400 pixels)
- 16-bit grayscale image capture
- Panchromatic monochrome and black and white
- Bi-directional extra long-life LED light system for optimum object illumination and instant-on scanning capability

### Digital Image Processing

- 2D Intelligent Adaptive Thresholding (IAT) (1-bit mode)
- Fixed Threshold Black and White (1-bit mode)
- Dynamic Normalization Application (DNA) with 16-bit Super Sampling

### User Status and One-Touch Operation

Center mounted LCD scanner control panel; walk-up operation and user selection of scanner mode with stop, forward, rewind, scan, and copy buttons; local language options, panel overlay, and Magnetic Media Guide

### Included Software

- SmartWorks MFP Scan-to-file, Copy, E-mail with Real-time Image Viewer. Supports TIFF, JPEG, TIFF G4, and PDF.
- Direct Print & Share Cloud Portal Solution

### Operating System

Windows 7 Professional (64-bit)

### User Maintenance

Installable Plug-and-Play Scanner; Simple Cleaning

### Scanner Interface Kit

Superspeed USB 3.0 (PC Connector Compatible with USB 2.0 and USB 3.0 sockets)

### Operating Environments

10 - 35°C, 35-80% RH, Non-condensing

### External Power Supply

100-250 VAC Autosensing +/- 10%, 50-60Hz

### Scanner Power Consumption

- 53Wh (scanning)
- 5Wh (stand-by)

### Compliances

VCCL, CB, CE, FCC, UL, RoHS, ENERGY STAR\*

### Stand and Scanner Dimensions

Height: Swing Arm: 57.5"  
Straight Arm (max): 66"  
Width: Swing Arm (max): 69.9"  
Straight Arm: 53.6"  
Depth: 31.5"

### Stand and Scanner Weight

Approx. 120.4 lb.

### What's In The Box?

- M40 Scanner with Power Cord and USB 3.0 and USB 2.0 Cables (scanner to server)
- 2 Meter USB Cable (server to printer)
- M40 MFP Stand
- M40 MFP Stand Assembly Instructions
- SmartWorks MFP Software
- Computer
- Flat Panel Touch-screen Display
- Installation and Operation Manual
- Operator Manual on CD-ROM
- Document Return Guide
- Magnetic Paper Guide

\* The scan rate is proportional across the full range of resolutions supported by the scanner. Actual scan times will depend on the host system performance. Quoted top speeds may be limited by the effective bandwidth of the USB 2 and is not guaranteed for all media types.

\*\* The quoted scan accuracy may vary depending on the operating environment and the thickness of the media.

**Canon**  
image*ANYWARE*

1-800-OK-CANON  
www.usa.canon.com

Canon U.S.A., Inc.  
One Canon Park  
Melville, NY 11747

The imagePROGRAF iPF MFP M40 systems contain multiple components, some of which are manufactured by third parties. To the extent that such third party offerings come with limited warranties, such limited warranties are hereby passed to the purchaser, and Canon shall have no obligation or any liability with respect to such third party offerings.

As an ENERGY STAR® Partner, Canon U.S.A., Inc. has determined that this product meets the ENERGY STAR guidelines for energy efficiency. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks. CANON, IMAGEPROGRAF, and the GENUINE logo are registered trademarks of Canon Inc. in the United States and may also be registered trademarks or trademarks in other countries. IMAGEANYWARE is a trademark of Canon. All other referenced product names and marks are trademarks of their respective owners and are hereby acknowledged. Some items may not be available at this time; please check for availability. Specifications and availability subject to change without notice. All printer output images and effects are simulated. MFP shown with iPF825 and iPF765 printer. ©2013 Canon U.S.A., Inc. All rights reserved.

0175W110  
0313-iPFM40-5M-LCR



Bidder agrees that the bid may not be withdrawn for a period of sixty (60) days from the actual date of the opening of the bid.

Submitted by:

Tom Tilton  
Signature

Tom TILTON PRESIDENT  
Name and Title (Print)

616 392 7700      616 392 7741  
Phone                      Fax

ENGINEERING Supply & IMAGING  
Company Name

11281 JAMES ST  
Company Address

HOLLAND      MI      49424  
City,                      State,                      Zip

CORPORATION  
Sole proprietorship/partnership/corporation

MICHIGAN  
If corporation, state of corporation

REFERENCES: (include name of organization, address, contact person, daytime phone number, and length of time services have been performed).

1. GRAND TRAVERSE County GIS 400 BOARDMAN AVE TRAVERSE CITY MI  
RAINER REICHAERT 231-932-4775 7 YEARS
2. TRAVERSE Print & Copy 700 BOON ST. TRAVERSE CITY MI  
Anthony CASIMIRI 231-946-9942 9 YEARS
3. GRAND TRAVERSE Builders Exchange 1373 BARLOW ST. TRAVERSE CITY  
Ruth Nunnely 231-946-5531 8 YEARS



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1.888.703.0334

CALL US TODAY  
FOR A QUOTE

## Quotation

**The City of Traverse City**  
City Managers Office, Governmental Center  
Second Floor, 400 Boardman Ave.

Attn: Julie Dalton  
Phone: 231.922.4440  
Email: [jdalton@traversecitymi.gov](mailto:jdalton@traversecitymi.gov)

<u>DATE</u>	<u>TERMS</u>	<u>F.O.B.</u>
April 21, 2014	NET 30 DAYS	FOB Destination, Freight Prepaid & Add

<u>QTY</u>	<u>UNIT</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
		<b>HP T1200 HD-MFP</b>	
		<ul style="list-style-type: none"> <li>• 44" wide printer</li> <li>• 6 color inks</li> <li>• 160 GB hard drive</li> <li>• Gigabit Ethernet connection</li> <li>• 1 year warranty</li> <li>• Single Footprint with stand and delivery basket</li> <li>• Freight</li> </ul>	<b>\$16,480.00</b>

**Options:**

HP Care Pack Extended Service Option:

3 year care pack	
Next business day onsite response	\$ 4,201.00
Hardware support excludes consumable items (paper, ink, printheads, maintenance cartridges)	
Onsite set up, installation and training	\$ Included

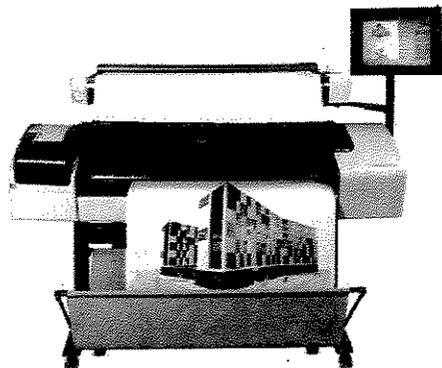
***Quote is good for 60 days from bid due date.***

www.engineeringsupply.com

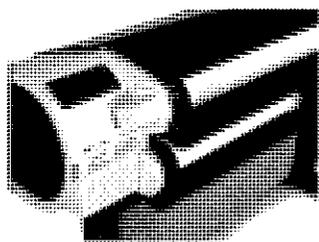
Color Big and Small



# DESIGNJET T1200 HD MULTIFUNCTION PRINTER



Do and offer more - process, print,  
scan, and copy



## Rely on one complete, easy, integrated solution

Take advantage of a complete, integrated solution from the company you trust—HP. Free up space in your office with an MFP that reliably performs three functions in one because each element was designed together to work better together.

- You can depend on this convenient single-vendor solution—built together to work together.
- Experience easy operation of scan, copy, and print functions.
- Save valuable workspace with this single, integrated multifunction solution.



## Take your productivity to the next level

Do more with one device. Combine high-speed scanning and printing with productivity-enhancing features—like 2 online media rolls, HP Instant Printing, HP ink cartridges for uninterrupted printing, reliable HP media—and watch your productivity soar.

- Save time and paper with 2 online rolls.
- You're back to business in no time with an HP MFP that scans, copies, and prints your projects quickly.
- Batch scanning and printing is fast and easy thanks to free HP Instant Printing and collating features.

## See top quality results from any original

Whether you digitize old CAD documents that are in poor shape or copy full color posters, the HP Designjet T1200 HD-MFP and HP supplies and media deliver high-quality scanning, copying, and printing across a broad range of applications.

- Get a high level of quality—from line drawings to maps to posters—with 4 camera CCD scanning technology.
- Experience added versatility when you scan, print AEC, CAD, and GIS documents.
- Produce fine lines, crisp text, and vivid color with HP Vivera inks, including 2 blacks and a gray ink.
- Transform your everyday printing—HP everyday bond papers with ColorPRO Technology and HP Recycled Bond Paper.

### ECOHIGHLIGHTS HP DESIGNJET T1200 PRINTER

- Save paper with two roll configuration, print image nesting, blank print area detection, image auto-rotate and realistic print previews
- Less ink wasted thanks to efficient installation and maintenance routines
- Free, convenient cartridge and printhead recycling\*
- Supports 100% recycled HP media
- ENERGY STAR® Qualified Product

\* In more than 45 countries worldwide. Please check [www.hp.com/recycle](http://www.hp.com/recycle) for details.

[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

Please recycle your packaging responsibly and responsibly.





# DESIGNJET T1200 HD MULTIFUNCTION PRINTER



ENGINEERING SUPPLY  
AND IMAGING

## TECHNICAL SPECIFICATIONS

<b>Print</b>	
Line drawings	<b>Fast<sup>1</sup>:</b> 28 sec/page on D, 103 D prints per hour
Color images	<b>Fast<sup>1</sup>:</b> 549 hp/hr <b>Best<sup>1</sup>:</b> 33.3 hp/hr
Print resolution	Up to 2400 x 1200 optimized dpi
Margins (top x bottom x left x right)	<b>Roll:</b> 0.2 x 0.2 x 0.2 x 0.2 in (borderless on photo papers) <b>Sheet:</b> 0.2 x 0.67 x 0.2 x 0.2 in
Technology	HP Thermal Inkjet
Ink cartridge colors	Cyan, gray, magenta, matte black, photo black, yellow
Ink types	Dye-based (C, M, Y, G, PK); pigment-based (MK)
Ink drop	6 pl (C, M, PK, G), 9 pl (Y, MK)
Ink cartridge size	300 ml (matte black) 130 ml (cyan, gray, magenta, matte black, photo black, yellow) 69 ml (cyan, gray, magenta, photo black, yellow)
Line accuracy	+/- 0.1% <sup>3</sup>
Minimum line width	0.0008 in (HP-GL/2 addressable)
Guaranteed minimum line width	0.0024 in (ISO/IEC 13660:2001 (E)) <sup>4</sup>
<b>Scan</b>	
Scan speed <sup>5</sup>	<b>Color:</b> 2 in/sec <b>Black-and-white:</b> 6 in/sec
Scan/copy resolution	Up to 9600 x 9600 dpi (Enhanced mode) with variable resolution settings from 50 dpi in increments of 1 dpi
Maximum scan width	42 in
Maximum scan thickness	0.6 in
<b>Copy</b>	
Reduction/enlargement	1 to 10,000%
Maximum copies	1000 copies
Copier settings	Type of original, image crop and align preview, lightness, saturation and RGB controls, sharpen/blur, mirror copy, enlarge/reduce, panning, filing, nesting, accounting, batch
<b>Media</b>	
Handling	<b>Printer:</b> sheet feed, two automatic roll feeds, automatic roll-switching, automatic cutter <b>Scanner:</b> straight-through scan paper path for sheet and cardboard originals
Types	<b>Printer:</b> bond and coated, technical paper, film, photographic paper, backlit, self-adhesive <b>Scanner:</b> 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 surfaces or transparencies)
<b>Processing and memory</b>	
	<b>Printer:</b> Intel® Pentium® M 800 MHz, 32 GB dedicated file-processing memory, 160 GB hard disk <b>Scanner:</b> Intel Pentium 4 2.8 GHz, 1 GB memory, 40 GB hard disk
<b>Connectivity</b>	
Interfaces (standard)	<b>Printer:</b> Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot <b>Scanner:</b> Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, FireWire (IEEE-1394a compliant)
Print languages	Adobe® PostScript® 3™, Adobe PDF 1.7, TIFF, JPEG, HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI
Drivers (included)	HP-GL/2, HP-RTL, and PostScript drivers for Windows® (optimized for AutoCAD 2000 and higher); PostScript drivers for Mac OS X and Linux; support for Citrix XenApp and Citrix XenServer environments
<b>Dimensions (w x d x h)</b>	
MFP	74.8 x 39.4 x 63 in
Shipping	75.98 x 30.16 x 60.2 in
<b>Weight</b>	
MFP	440 lb
Shipping	617 lb
<b>What's in the box</b>	
	Printer, printheads, introductory ink cartridges, 44-in stand, 44-in spindle, quick reference guides, setup posters, Serif PosterDesigner Pro for HP poster, start-up software, scanner, touchscreen (panel PC), scanner documentation software, system recovery software, customer service guide, USB cable, FireWire cable, Ethernet cable, power cords
<b>Environmental ranges</b>	
Operating temperature	41 to 104° F
Storage temperature	-13 to 131° F
Operating humidity	20 to 80% RH
<b>Acoustic</b>	
Sound pressure, active	47 dB(A)
Sound pressure, standby	32 dB(A)
Sound power, active	6.3 B(A)
Sound power, standby	4.4 B(A)
<b>Power consumption</b>	
Maximum	<b>Printer:</b> 120 watts; <b>Scanner:</b> 300 watts
Powersave	<b>Printer:</b> < 7 watts (< 25 watts with embedded DFE)
Off	3.6 watts
Power requirements	<b>Printer:</b> input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max <b>Scanner:</b> input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 5 A max

<b>Certification</b>	
Safety	USA and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NCE), Korea (KATS)
Electromagnetic	Compliance for Class A ITE products: EU (EMC Directive), USA (FCC Rules), Canada (ICES), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI); Certified as Class A product: Korea (KCC), Taiwan (BSMI)
Environmental	WEEE, EU RoHS, China RoHS, REACH
ENERGY STAR® qualified models	see: <a href="http://www.hp.com/go/energystar">www.hp.com/go/energystar</a>
<b>Warranty</b>	
	One-year limited hardware warranty

## ORDERING INFORMATION

<b>Product</b>	HP Designjet T1200 HD Multifunction Printer
<b>Accessories</b>	
Q6709A	HP Designjet 44-inch Roll Feed Spindle
CN501A	HP Designjet External Hard Disk
J7961G	HP Jetdirect 635n IPv6/IPv4 Print Server
CN088A	Serif PosterDesigner Pro for HP
CN454A	SCP reprocontrol for HP (1 printer)
CN455A	SCP reprocontrol for HP (2 printers)
<b>Original HP printheads</b>	
C9380A	HP 72 Gray and Photo Black Printhead
C9383A	HP 72 Magenta and Cyan Printhead
C9384A	HP 72 Matte Black and Yellow Printhead
<b>Original HP ink cartridges</b>	
C9397A	HP 72 69-ml Photo Black Ink Cartridge
C9398A	HP 72 69-ml Cyan Ink Cartridge
C9399A	HP 72 69-ml Magenta Ink Cartridge
C9400A	HP 72 69-ml Yellow Ink Cartridge
C9401A	HP 72 69-ml Gray Ink Cartridge
C9403A	HP 72 130-ml Matte Black Ink Cartridge
C9370A	HP 72 130-ml Photo Black Ink Cartridge
C9371A	HP 72 130-ml Cyan Ink Cartridge
C9372A	HP 72 130-ml Magenta Ink Cartridge
C9373A	HP 72 130-ml Yellow Ink Cartridge
C9374A	HP 72 130-ml Gray Ink Cartridge
CH575A	HP 726 300-ml Matte Black Ink Cartridge
<b>Original HP large-format printing materials</b>	
HP Bright White Inkjet Paper with ColorPRO Technology	C1860A, C1861A, C6035A, C6036A, C6810A, Q1444A, Q1445A, Q1446A
HP Universal Bond Paper with ColorPRO Technology	Q1396A, Q1397A, Q1398A, Q8003A, Q8004A, Q8005A
HP Recycled Bond Paper	CG889A, CG890A, CG891A
HP Heavyweight Coated Paper	C6029C, C6030C, C6569C, C6570C, C6977C, Q1956A, Q1957A
HP Universal Coated Paper	Q1404A, Q1405A, Q1406A, Q1408A
HP Coated Paper	C6019B, C6020B, C6567B, C6568B, C6980A, Q1441A, Q1442A, Q1443A
HP Natural Tracing Paper	C3869A, C3868A, Q1439A
HP Clear Film	C3875A, C3876A
HP Matte Film	51642A, 51642B
HP Universal Instant-dry Gloss Photo Paper	Q6574A, Q6575A, Q6576A, Q6578A
HP Universal Instant-dry Semi-gloss Photo Paper	Q6579A, Q6580A, Q6581A, Q6582A, Q6583A
HP Premium Plus Satin Photo Paper	Q7920A, Q5491A, Q5492A, Q5490A
HP Universal High-gloss Photo Paper	Q1426A, Q1427A, Q1428A, Q1429A, Q1430A
HP Universal Semi-gloss Photo Paper	Q1420A, Q1421A, Q1422A, Q1423A, Q1424A
HP Adhesive-backed Polypropylene	Q8044A, Q8884A, Q8045A

Try these popular HP media and experience optimum performance from your HP printing system. For more HP printing materials, see [www.hp.com/go/lp/printing/materials-supplies](http://www.hp.com/go/lp/printing/materials-supplies)

With the addition of ColorPRO Technology, HP papers provide professional quality and striking results at production speed for high-quality, high-productivity printing of graphics and technical applications.

<b>Services and support</b>	
UT911E	HP 3 year Next Business Day Onsite Support
UT917E	HP 3 year 4 hour response, 9x5 Onsite Support
UT920E	HP 3 year 4 hour response, 13x5 Onsite Support
UT923PE	HP 1 year, Post Warranty, Next Business Day Onsite Support
UT924PE	HP 2 year Post Warranty, Next Business Day Onsite Support
UT926PE	HP 1 year Post Warranty, 4 hour response, 9x5 Onsite Support
UT927PE	HP 1 year Post Warranty, 4 hour response, 13x5 Onsite Support
H4518E	HP Network Installation Service Designjet 400-6100 SVC

<sup>1</sup> Mechanical printing time. Printed on plain media with Economode on.

<sup>2</sup> Mechanical printing time. Printed on glossy media.

<sup>3</sup> +/-0.1% of the specified vector length or +/-0.1 mm (whichever greater) at 73° F, 50 to 60% RH, on E HP Matte Film in Best or Normal mode.

<sup>4</sup> Measured on HP Matte Film.

<sup>5</sup> Measured in 200 dpi/400 dpi Turbo mode.

For more information, visit our website at [www.hp.com/go/designjetT1200HD-MFP](http://www.hp.com/go/designjetT1200HD-MFP)

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