



**HIT PRINT**  
**INTELLIGENTLY**



**WHY**  
upgrade  
your large format printer?

## Why should users upgrade from the HP Designjet 500 Printer series to the HP Designjet T790 ePrinter series?

### Reduce overall costs on prints of similar print quality:<sup>(1)</sup>

- Up to 30% lower ink cost-per-copy on monochrome prints
- Up to 33% lower ink cost-per-copy on color line prints
- Up to 6% lower ink cost-per-copy on GIS & rendered prints

### Increase productivity and security:

- Print 2x more pages before replacing a roll (1 Roll x 300 ft/90 m vs 1 roll 150 ft/45 m roll length)
- Up to 4,3X more prints/hr<sup>(2)</sup>
- 8 GB dedicated file processing memory allows freeing up the network & ensuring very large files print flawlessly
- T790 ePrinter: 2 GB dedicated file processing memory allows freeing up the network & ensuring very large files print flawlessly
- Save time using the HP Easy Printer Care / Printer Utility and enhanced support with HP Web Jetadmin

### Improve print quality:

- 2400 x 1200 dpi versus 1200 x 600 dpi yields finer lines and overall superior print quality
- Line accuracy from +/- 0,2% to +/- 0,1%
- Two blacks and a gray ink cartridge allow for deep blacks and smooth grays

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

- Print to any HP Designjet printer without installing any drivers thanks to HP ePrint & Share<sup>(1,1)</sup>
- Discover the power of touch—this ePrinter's color touch screen enables intuitive operation and page previews
- Web-connected and easy to update. Software updates occur automatically, every six months
- Create a print-ready .PDF<sup>(1,2)</sup> at the same time you print with HP ePrint & Share<sup>(1,1)</sup>

<sup>(1)</sup> Prints of the same or better print quality are obtained using normal mode on the HP Designjet 500 Printer series than as using fast mode on the HP Designjet T790 ePrinter series.

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

<sup>(1,2)</sup> Remote Printing will be available by end of 2011.



# HP Designjet 500 Printer series upgrade to HP Designjet T790 ePrinter series



HP Designjet 500 Printer series



HP Designjet T790 ePrinter series

## INK COSTS FOR SAMPLE DRAWINGS<sup>3</sup>

		Best/Normal	Fast	UP TO 33% SAVING			Best/Normal	Fast	Econo <sup>2</sup>
Monochrome	71 X 49 cm 	0,20 €	0,10 €		0,27 €	0,16 €	0,07 €		
Color Line	71 X 49 cm 	0,09 €	0,06 €		0,07 €	0,06 €	0,04 €		
Rendered	74.7 X 55.9 cm 	1,26 €	1,21 €		1,21 €	1,14 €	n/a		

Savings of up to 33% for prints of similar or better print quality. Thanks to improved technology and increased efficiency, the HP Designjet T790 ePrinter series delivers comparable or better print quality printing on fast/econo mode than as the HP Designjet 500 Printer series delivers using normal/fast mode - resulting in significantly lower ink costs and improved productivity.

## SAMPLE PRINT SPEEDS<sup>4</sup>

		Best	Normal	Fast	FASTER PRINTING!				Best	Normal	Fast	Econo
Monochrome	71 X 49 cm 	3'35"	2'58"	1'39"		4'13"	1'20"	0'40"	0,32"			
Color Line	71 X 49 cm 	5'23"	2'47"	1'37"		4'20"	1'20"	0'41"	0,32"			
Rendered	74.7 X 55.9 cm 	10'59"	6'27"	2'57"		8'37"	3'01"	1'10"	n/a			

No more waiting! With a significant decrease in actual printing time, and up to a 10X increase in processing files, users are able to increase their productivity starting on day one.

## PRINT QUALITY

	Best	Normal	Fast	IMPROVED QUALITY			Best	Normal	Fast/Econo <sup>2</sup>
Resolution by Print Mode (dpi)	1200 x 600	600 x 600	600 x 300		2400 x 1200	600 x 600	600 x 600		
Line Accuracy	+/- 0,2%				+/- 0,1%				

Using best mode, users achieve stunning print quality for amazing presentations; they are also able to achieve more than acceptable results using fast mode for their everyday prints, saving both time and money.

## ADDITIONAL IMPROVEMENTS

	Four 69 ml cartridges	Six 69 ml or 130 ml cartridges
Cartridge Capacity	Four 69 ml cartridges	Six 69 ml or 130 ml cartridges
Media Roll Capacity	45 m	91 m
Media Roll Handling	Rear loading	Top loading roll
Interfaces	Parallel, USB 1.1 and Optional HP JetDirect	Fast Ethernet (100Base-T) port, Hi-Speed USB 2.0, EIO Jetdirect accessory slot
Data Security	Optional: HP Jetdirect 635n with Ipsec for secure data transfer	Secure Disk Erase (Permanently remove information from the printer) Optional: Jetdirect 635n with Ipsec for secure data transfer
Memory	16 MB	8 GB of dedicated file processing memory <sup>1</sup>
Printer Management	HP Web Jetadmin (Optional Jetdirect required)	HP Web Jetadmin (Optional HP Jetdirect required), the HP Easy Printer Care/Printer Utility and queue management from the front panel
Direct Printing	Not applicable	Plug and Print directly from your USB drive (TIFF, JPEG and PDF's <sup>5</sup> ) or connect your laptop and hit print

Improved productivity:

- Discover the power of touch—this ePrinter's color touch screen enables intuitive operation and page previews.
- Increased unattendedness with larger ink and media capacity.
- Fast data transfer using Hi-Speed USB or HP Jetdirect.
- HP Web Jetadmin with improved fleet management.

<sup>1</sup> 384 MB RAM.

<sup>2</sup> With Economode: 50% less black optical density comparing with fast mode.

<sup>3</sup> Figures may vary from country to country depending on local pricing.

<sup>4</sup> Mechanical Printing Time (MPT): the time elapsed between the moment the first drop is printed on the paper and the moment the paper is cut from the printer. (Total Time - Click to Start).

<sup>5</sup> PDF files only available with PostScript accessory (optional accessory to be purchased separately) or buying PS versions.