HP PageWide XL 3950 40-in Multifunction Printer with Top Stacker



Fast, efficient printing experience with the ultimate security¹



*Product image may differ from actual product

Fast mono and color print, keep cost under control

- Don't waste time waiting on prints—highproductivity monochrome and color speeds up to ANSI 10 D pages/min.²
- Excellent technical prints with HP PageWide XL pigment inks—vivid color, crisp lines, fine detail beat LED.³
- Save with low running costs in mono and color⁴ and with up to 10 times lower energy consumption.⁵
- Eco-Carton replaces plastic cartridge— 80% reduction in plastic and 66% C02e reduction⁶, free take back.⁷

Enhanced print/scan/copy for extreme simplicity

- Easy printing and workflow efficiency with HP Click, HP SmartStream software, HP SmartTracker cost control.
- The market's largest 15-inch touchscreen⁸ makes it easy to operate from the front and the back.
- Scan on the fly, gain agile digitalization with live scan preview and contextual post-edit capabilities.
- Easy collaboration—access personal/network group folders at touchscreen; print, save, and share right away

World class printer protection with HP Wolf Pro Security

- Best network protection with HP Connection Inspector dynamic security, HP Secure Boot, and Whitelisting.¹
- Keep your fleet secure and set security preferences—any time—with HP Security Manager software.
- Control who accesses the printer and its confidential documents with secure user authentication.

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

Messaging Footnotes

¹ Based on comparison of published security specifications commissioned by HP and performed by Sogeti in January, 2024. Comparison of the HP PageWide XL portfolio and competitors that represent the majority parties share of LFD and LV feel printers worldwide as of 2023 according to LPC Comparison matrix and further details as well-by upon request.

market share of LED and UV-gel printers worldwide as of 2023 according to IDC. Comparison matrix and further details available upon request.

The HP PageWide XL 3950 Multifunction Printer delivers 10 CAD output D/A1 prints in 1 minute. Number of pages will vary depending on the print mode and application printed.

Based on testing commissioned by HP and performed by Sogeti in September, 2020. Fine detail based on the number of line breaks found in 1.5 mm of line. On vertical 1 px C,M,Y,K lines. Printed on Oce 75 g plain paper

³ Based on testing commissioned by HP and performed by Sogeti in September, 2020. Fine detail based on the number of line breaks found in 1.5 mm of line. On vertical 1 px C,M,Y,K lines. Printed on Oce 75 g plain paper using equivalent fast/high-speed print modes. For output produced with an HP PageWide XL 8200 Printer and comparable printers from different manufacturers and that represent the majority market share of LED and UV-ael printers worldwide as of 2019 according to IDC.

UV-gel printers worldwide as of 2019 according to IDC.

⁴ Calculation based on total cost of ownership comparison of comparable competitive printer, considering average printhead life. Results show maintenance costs reduced by 50% when printing technical drawings.

Analysis period of 5 years and assuming a production of 1000 m²/month with a printing category distribution of: 80% lines, 20% high-density images. Testing commissioned by HP and performed by Sogeti in September, 2020.

⁵ Based on tests performed internally by HP based on ISO 20690 and performed in September, 2020. Comparable printers using LED technology based on LED printers capable of printing 4-6 D/A1 pages per minute and which represent the majority market share of mid-volume LED printers in the US and Europe according to IDC as of October, 2020.

⁶ Based on 1-liter cartridge, figures might be slightly different for 500-ml cartridge. C02e reduction based on moving from plastic ink cartridge to cardboard HP Eco-Carton ink cartridge, with annual manufacturing savings

of 36 tons and transport savings of 1 ton. Equivalent to 147,755 km (91,811 miles) driven by an average passenger vehicle or 4,718,692 million smartphones charged.

7 Visit https://www.hp.com/recycle to see how to participate and for HP Planet Partners program availability; program may not be available in your jurisdiction. Where this program is not available, and for other

onsumables not included in the program, consult your local waste authorities on appropriate disposal.

Based on comparison of published front panel specifications commissioned by HP and performed by Sogeti in September, 2020. Comparison of the HP PageWide XL portfolio and competitors that represent the

majority market share of LED and UV-gel printers worldwide as of 2019 according to IDC.

For more information, please visit https://www.hp.com/go/pagewide-xl-3950



















Technical specifications

Print Description	Large-format color MFP	Media types	Bond a Tyvek p
	Up to 550 A1 pages/hr, 10 A1 pages/min	Media output (standard)	Top sta
roll)	op to 550 AT pages/nir, To AT pages/min	Embedded controller	
Warm-up time	No warm up	User interface	15.6-inc
First page out	22 sec (from USB)	Drananau	capacit
Print resolution	1200 x 1200 dpi	Processor	Intel Ce
Technology	HP PageWide Technology	Memory	8 GB DI
Ink types	Pigment-based (C, M, Y, K)	Hard disk	500 GB
Print Cartridges/Bottle, Number	4 (C, M, Y, K)	Native print languages Remote management	HP-GL/S HP Part PrintOS
Print cartridge/bottle	500 ml	Connectivity	Printos
volume delivered	_	Interfaces	Gigabit
Printheads	8 (C, M, Y, K)	Printing paths	HP Smo
Average printhead life	32 L	Trinking patric	softwar
Printhead warranty	12 months from the date of installation, or 10 L, or until the Warranty Ends date printed on the packaging, whichever comes first	Dimensions (WxDxH)	PCL3), <i>I</i>
		Product	1955 x 7
Line accuracy	±0.1% ¹	Shipping	2257 x 1
Minimum line width	0.02 mm (HP-GL/2 addressable)	Weight	2231 X
Scan and copy		Product	452 kg
Linear scan speed	Color: up to 15.24 cm/sec; Grayscale: up to 25.4 cm/sec	Shipping	621 kg
Scan resolution	1200 dpi	Environmental ranges	OLTING
Technology	36-in (91-cm) CIS scanner	Operating temperature	5 to 40°
Scan format	JPEG, TIFF, multi-TIFF, PDF, PDFA, multi-PDF, multi-PDFA	Operating humidity	20 to 80
Scan destinations	Printer storage, USB drive, network folder (SMB), My home	Acoustics	
Maximum scan width	folder, scan to email, scan to HP SmartStream software	Sound pressure	Printing
	Up to 914 mm	Sound power	Printing
Maximum scan length	50 m (PDF), 12 m (TIFF), 8 m (JPEG) ²	Power	
Maximum copy length	9.5 m	Consumption	0.27 kW
Original thickness	0.26 mm		(sleep)
Scan features	Live preview, scan quicksets, smart background removal, black enhancement, automatic de-skew, reduce scan speed, post- edit settings (contrast, brightness, rotation, cropping and	Requirements	Input vo (±3 Hz),
	skew)	Certification	
Media		Safety	IEC 609
Applications	Line drawings; Maps; Orthophotos; Posters		compli
Rolls	Media rolls: 2 rolls default with auto-switching, expandable to 4 rolls; Roll size: 279 to 1016 mm; Roll length: Up to 200 m; Maximum roll diameter: Up to 177 mm; Roll core diameter: 7.6	Electromagnetic	Compli rules), C Zealand
Recommended Grammage	70 to 200 c/m²	Environmental	ENERG marking
Grammage			WW Ro
	70 to 200 g/m²	M/mmmah.	India, V
Thickness	Up to 0.4 mm	Warranty	90 days

Media types	Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film	
Media output (standard)	Top stacker (up to 100-page capacity)	
Embedded controller		
User interface	15.6-inch (396-mm) TFT (LED blacklight) 16:9-format HD capacitive touchscreen	
Processor	Intel Celeron	
Memory	8 GB DDR4	
Hard disk	500 GB HDD (AES-256 encrypted)	
Native print languages	HP-GL/2, TIFF, JPEG, Adobe PostScript 3, Adobe PDF 1.7	
Remote management	HP Partner Link, HP Embedded Web Server, HP Web Jetadmin, PrintOS	
Connectivity		
Interfaces	Gigabit Ethernet (1000Base-T), USB 2.0 host	
Printing paths	HP SmartStream software (optional), HP Click printing software, HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3), Apple AirPrint	
Dimensions (WxDxH)		
Product	1955 x 785 x 1414 mm	
Shipping	2257 x 1040 x 1578 mm	
Weight		
Product	452 kg	
Shipping	621 kg	
Environmental ranges		
Operating temperature	5 to 40°C	
Operating humidity	20 to 80% RH, depending on media type	
Acoustics		
Sound pressure	Printing: ≤58 dB(A) (operating), ≤36 dB(A) (idle), ≤20 dB(A) (sleep)	
Sound power	Printing: ≤7.6 B(A) (operating), ≤5.5 B(A) (idle), ≤3.5 B(A) (sleep)	
Power		
Consumption	0.27 kW (typical); 0.7 kW (max printing); 95 W (ready); <16 W (sleep)	
Requirements	Input voltage (auto ranging) 100-127/200-240 V (±10%), 50/60 Hz (±3 Hz), 7/3.5 A	
Certification		
Safety	IEC 60950-1+A1+A2 and IEC 62368-1 2nd ed. compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 and 62368-1 compliant); Russia, Belarus, and Kazakhstan (EAC); China (CCC)	
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KC)	
Environmental	ENERGY STAR, EPEAT Registered, UL 2801 ECOLOGO, CE marking (including RoHS, WEEE, REACH). In compliance with WW RoHS materials restriction requirements in China, Korea, India, Vietnam, Turkey, Serbia, and Ukraine	
VA /		

Ordering information

Product	
86Z37F Accessories	HP PageWide XL 3950 40-in Multifunction Printer with Top Stacke
2NH46AAE 2NH47AAE 8SB02A 8SW00A 8SW00AAE 8SW02A	HP SmartStream Document Organizer Module HP SmartStream Pixel Analysis Module HP PageWide XL Drawer HP SmartStream USB Preflight Manager HP SmartStream Preflight Manager HP SmartStream Print Controller USB for HP XL 3000 Printer
8SW02AAE 8SW12A 8SW12AAE Original HP pri	series HP SmartStream Print Controller for HP XL 3000 Printer series HP SmartTracker USB for HP XL 3000 Printer series HP SmartTracker for HP XL 3000 Printer series nting supplies
A24VQA A24VRA A24VSA	HP 863M 500-ml Magenta PageWide XL Ink Cartridge HP 863M 500-ml Yellow PageWide XL Ink Cartridge HP 863M 500-ml Cyan PageWide XL Ink Cartridge

HP 863M 500-ml Black PageWide XL Ink Cartridge

M24V IA HP 803M 50U-ml Black PageWide XL Ink Cartridge
Use Original HP inks and printheads, and HP large format printing materials, to
experience consistent high quality and reliable performance that enable less
downtime. These critical components are designed and engineered together as
an optimized printing system, and Original HP inks are designed to maximize the
life of HP printheads. Protect your HP printer investment by using Original HP inks
for full HP warranty protection. For more information, visit
https://hp.com/go/OriginalHPinks
Original HP large format printing materials

Original HP large format printing materials

HP Universal Bond Paper, 3-in Core (FSC* certified)³ (recyclable)⁴
HP Production Matte Poster Paper, 3-in Core (FSC* certified)³ (recyclable)⁴
HP Production Satin Poster Paper, 3-in Core (FSC* certified)³ (recyclable)⁴
HP Universal Heavyweight Coated Paper, 3-in Core (FSC* certified)³ (recyclable)⁴
HP Matte Polypropylene, 3-in Core

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit http://www.hp.com/go/cpc

Specification Footnotes

- ±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 Polypropylene and HP PageWide XL pigment ink.
- ² Scanned at 200 dpi. PDF scanning standard with included Postscript functionality.

 ³ BMG trademark license code FSC*-C115319, see http://www.fsc.org. HP trademark license code FSC*-C017543, see http://www.fsc.org. Not all FSC*-certified products are available in all regions. For information about HP large format printing materials, please visit http://www.HPLFMedia.com.

 4 Can be recycled through commonly available recycling programs.

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