

HP PageWide Web Press T390 Mono HD



Outstanding offset substitutable high-speed inkjet web press



Master your market with exceptional monochrome productivity

Take advantage of a monochrome press that delivers outstanding quality, exceptional print speeds, and enhanced throughput—via sharp, crisp text, and high black optical density. Perfect for short or long runs, the robust HP PageWide Web Press T390M HD delivers the speed and quality you need to replace offset for many jobs.

Enhance your productivity with HP Services

HP Services offers you the broadest portfolio of proven service programmes to keep your business running productively. Our certified service teams are committed to meeting your end-to-end needs for accelerated ramp-up, increased system utilisation, and maximum up time, driving your business productivity and sustainability for a profitable printing operation. Learn more at hp.com/go/webpressservice

Exceptional productivity with HP HDNA technology

- Meet tight deadlines — fast mono speeds up to 305 m (1000 ft) per minute¹
- Replace offset for many jobs, with a robust duty cycle up to 157 million images per month^{1,2}
- The 762 mm (30-in) web width enables efficient production of signatures, full-broadsheet formats, or multiple-up documents across a range of applications, driving a variety of high-speed finishing solutions, in-line or near-line
- Increase total printing time with the optional zero speed splicer quick roll changeover solution
- Optimise press uptime with proven HP High Definition Nozzle Architecture— with 8X nozzle redundancy to minimise print defects and reduce waste

Create an advantage with outstanding print quality

- HP High Definition Nozzle Architecture (HDNA) completely raises the bar in digital quality, using 2400 nozzles per inch native resolution and dual drop weight to deliver image detail like never before
- See outstanding print quality in the form of sharp text and high black optical density
- Use HP Bonding Agent to gain flexibility across a broad range of media, including standard uncoated offset, ground wood, and newsprint

Increase profitability with compelling economics

- Reduce costs and boost your profit potential with highly productive monochrome printing from HP
- Get the HP commitment you demand with market and business development, and expert technical support
- Original HP inks and long-life HP Thermal Inkjet printheads provide consistent, reliable performance

Re-invent your operations and business

HP PrintOS is an operating system for your business—an open, secure cloud-based platform that helps you get more out of your HP PageWide Web Presses and your print production operations. Leverage HP PrintOS applications to increase efficiency, make better-informed decisions, innovate, collaborate, drive growth—and increase profitability.

¹ In Performance mode

² US letter-sized equivalent images

Technical specifications

Throughput	Up to 305 m/min (1000 ft/min) ¹ ; up to 152 m/min (500 ft/min) ³
Max duty cycle	157 million images per month ^{1,2}
Native resolution	2400 nozzles per inch
Media	Handling: Tight web continuous roll feed Paper width: 203 to 762 mm (8 to 30 inches) Weight: 40 to 350 gsm, 30-lb text to 130-lb cover ⁴ Media types: Wide range of standard uncoated offset media, inkjet-optimised coated media, ColorPRO media, and offset coated media with HP Priming Agent: For information on papers with ColorPRO Technology, see hp.com/go/webpressmediaink
Printing	Print technology: HP High Definition Nozzle Architecture Thermal Inkjet Ink type: Water-based HP pigment inks and Bonding Agent Ink colours: Black Printable width: up to 739 mm (29.1 inches) Printable frame length: from 216 to 2743 mm (8.5 to 108 in)
Dimensions (W x L x H)	3.15 x 19 x 3 m (124 x 748 x 119 in) ⁵
Operating environment	Press operating temperature range: Optimal 18°–24°C (64°–75°F) Digital front-end operating temperature range: Refer to HP ProLiant Server QuickSpecs on hp.com/go/ProLiant or consult your HP Solutions professional Humidity: 40–60% RH ⁶
Press operating requirements	Electrical voltage: 400V to 480V, 3 phase
Consumables	Printheads: HP A53 printheads (separate printheads for Black and HP Bonding Agent) Ink supplies: HP 200-litre ink containers (separate containers for Black and HP Bonding Agent) Servicing: HP 10-pack Web Wipe Cassette
Optional equipment/configurations	Configuration options available to address specific printing requirements: <ul style="list-style-type: none"> • Dryer capacity • Digital Front End • Colour calibration • HP Priming Agent • HP SmartStream Web Press Colour Studio • HP Quality Image Check Vision System • Unwind and rewind units, including auto splicing • Remote work station



HP A50 PageWide Web Press Inks have achieved UL Sustainable Product Certification (under UL 2801, referred to as CCD-040, an EcoLogo® standard, in Canada), which demonstrates that they meet a range of stringent criteria related to human health and environmental considerations. You can learn more about this certification at ul.com/environment

¹ In Performance mode

² US letter-sized equivalent images

³ In Quality mode

⁴ Basic configuration supports 40 to 350 gsm. Customer application specific testing advised for media between 40–60 gsm and 300–350 gsm

⁵ Dimensions above are for configuration with expanded dryer, without optional rewriter attached. The following are dimensions with optional rewriter and optional additional access walkover: 3.15 x 21.82 x 3 m (124 x 859 x 119 in). Dimensions vary by configuration and options selected

⁶ Optimal operating environment may vary by application

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