

HP PageWide Web Press T300 Color series



High-productivity, versatile, color inkjet web press



Accelerate business growth and streamline operations with high-speed digital performance

Increase your ability to respond to new opportunities and streamline your operations with the versatility, productivity, and performance of the HP PageWide Web Press T300 series

Grow profitably with high-speed productivity

Achieve exceptional full-color print speeds. Deliver on quick turnaround deadlines with web presses that offer print speeds up to 122 m (400 ft) per minute, up to 183 m (600 ft) per minute, and mono up to 244 m (800 ft) per minute. The scalable, high-performance digital front end enables full-color, 100% variable mass customization printing at full press speeds¹.

Grow your business with flexibility, versatility. The HP PageWide Web Press T300 series is scalable in web width up to 762 mm (30 in) and print width up to 739 mm (29 in). This enables efficient production of signatures, full-broadsheet formats, or multiple-up documents across a range of printing applications. Create new direct mail business opportunities with the optional HP Magnetic Ink Character Recognition (MICR) solution.²

Easy, automated quality control. Achieve consistent print quality while minimizing downtime. In-line process controls and diagnostics monitor printhead health as well as color-to-color and front-to-back side alignment, and enable easy adjustments to ensure the best possible results. Status reports help you make production run decisions and adjustments.

Experience robust performance with high duty cycles. With a robust design and duty cycles up to 71 million (HP T300), 99 million (HP T350) color, or 123 million (HP T360) mono 4-sized pages per month¹, this digital printing system series is built for jobs formerly sent to an offset press.

Increase total printing time with the optional quick roll changeover solution. Convert manual roll splicing to an automatic process with the Zero-Speed Splicer. A fresh roll of paper can now be queued and the splice set up while the current roll feeds the press. Ideal for applications requiring in-line finishing, the Zero-Speed Splicer reduces downtime required to load and manually splice rolls with a standard unwinder.

¹ A4-sized pages

² MICR print speed is enabled up to 122 m (400 ft) per minute. Consult your HP PageWide Web Press account manager for availability.



The high-productivity, 762 mm (30 in) HP PageWide Web Press T300 series breaks through cost and performance barriers. Meet deadlines and fast turnarounds for high-volume jobs with reliable, proven technology. Produce exceptional print quality at full press speeds.

A smart investment—with breakthrough economics

Accelerate your growth and your profit. Based on the latest generation of HP's proven, scalable Thermal Inkjet Technology, the HP PageWide Web Press T300 series delivers high productivity at a competitive cost on a variety of media options. Broaden your digital printing services with high-value, full-color, 100% variable content printing. Improve your turnaround times with streamlined digital workflows. Also, increase profitability with reduced inventory and spoilage.

Enjoy cost-effective performance and low maintenance. The entire printing system is designed to provide cost-effective, low-maintenance performance. Reliable HP pigment inks and printheads are designed together with the press to maximize performance and keep maintenance expenses to a minimum. Each long-life HP Thermal Inkjet printhead can be replaced individually by the user with a snap-out/snap-in design, without a service call.

Pay only for the ink you use. With the HP PageWide Web Press T300 series and Original HP inks, you pay only for the ink you use. This creates the flexibility to add high-impact color—from highlight to full color—to improve communication effectiveness, while keeping costs manageable.

See high-quality results at full press speed

Experience reliable, high-quality printing. HP printheads are based on proven HP Scalable Printing Technology (SPT)—including a compact nozzle design with a native resolution of 1200 nozzles per inch—delivering high quality at every print speed with sharp text, images, graphics, and uniform area fills. SPT is designed to optimize press uptime—multiple nozzles address each pixel to minimize print defects and reduce waste.

Match efficient paper drying capability to your needs. Hot forced-air dryers deliver reliable and effective drying capability. To maintain print quality, settings can be adjusted according to the drying requirements of the print job to enable high-quality results. Designed for scalability, configuration options allow you to match dryer capacity to your printing application requirements.

Enjoy a wide range of offset media compatibility with HP Bonding Agent. HP PageWide Web Press T300 series supports a wide range of standard uncoated offset stock, groundwood, and newsprint. This is achieved with HP Bonding Agent, a colorless liquid applied only at the precise locations where ink is to be printed. This unique technology improves optical density and reduces strikethrough, enabling outstanding print quality on a wide range of standard, uncoated offset media. Supported media weights range from 40 up to 350 gsm.³

Explore high-quality media options. To maximize system performance, HP enables high-quality media options designed for HP pigment inks and the HP PageWide Web Press T300 series. Achieve the highest print quality with ColorPRO papers—from uncoated to high-speed coated papers—co-developed with industry-leading media partners. See hp.com/go/mediasolutions.

Reinvent your operations and business

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 PrintOS applications to increase efficiency, make better-informed decisions, innovate, collaborate, drive growth—and increase profitability.

³ Basic configuration supports 40 to 215 gsm; optional configuration available for up to 350 gsm. Customer application specific testing advised for media between 40-60 gsm and 300-350 gsm.



HP PageWide Web Press T300 series

Choose from three models. The T300 enables high-volume transformation for traditional print manufacturers requiring digital solutions that approach offset in terms of format size, productivity, and economics. The HP PageWide Web Press T350 provides additional speed and dryer capacity that can be configured to match your print application requirements. The HP PageWide Web Press T360 provides additional mono speed to meet your capacity needs. For a solution that meets your current needs with room for future growth, look to the HP PageWide Web Press T300—your investment is protected with the option to purchase an upgrade and field installation to the full capabilities of the HP PageWide Web Press T360.

High-touch, high-tech solutions customized for your printing success

HP Solutions expertise can help shorten your path to success and sharpen your competitive edge. HP's dedicated Solutions Team will work with you to determine your end-to-end requirements, and to recommend a solution customized to meet the specific demands of your business. Additionally, HP offers a full line of services to help you effectively run your digital printing business – from site preparation to training and service programs.

Eco highlight

- Reduce waste with digital on-demand printing
- Water-based HP inks—no hazard warning labels; no HAPs intentionally added;¹ non-flammable and non-combustible²
- Very low VOC emissions³
- Free and convenient printhead recycling;⁴ ink drums are material recyclable

To Learn more:
hp.com/ecosolutions
hp.com/recycle

¹ Hazardous Air Pollutants (HAPs) may be present at extremely low levels (< 0.1%) according to EPA Method 311.

² Not classified as flammable or combustible liquids under the USDOT or international transportation regulations. These materials have been tested per US Environmental Protection Agency Method 1020 and the flash point is greater than 110°C.

³ Actual results may vary depending on operating conditions. Consult local authorities regarding Volatile Organic Compound (VOC) regulations in your area.

⁴ Visit hp.com/recycle to see how to participate and for HP Planet Partners program availability.



	HP PageWide Web Press T300	HP PageWide Web Press T350	HP PageWide Web Press T360
Max speed	122 m (400 ft) per minute full color	183 m (600 ft) per minute full color	183 m (600 ft) per minute full color 244 m (800 ft) per minute mono
Duty cycle	71 million A4-sized pages per month full color ⁴ 71 million A4-sized pages per month mono ⁵	99 million A4-sized pages per month full color ⁴ 99 million A4-sized pages per month mono ⁵	99 million A4-sized pages per month full color ⁴ 123 million A4-sized pages per month mono ⁵
Scalable web width	Up to 762 mm (30 in)	Up to 762 mm (30 in)	Up to 762 mm (30 in)
Print width	Up to 739 mm (29.1 in)	Up to 739 mm (29.1 in)	Up to 739 mm (29.1 in)
Print technology	HP Thermal Inkjet	HP Thermal Inkjet	HP Thermal Inkjet
Native resolution	1,200 nozzles per inch	1,200 nozzles per inch	1,200 nozzles per inch
Media range	40 to 350 gsm ⁶	40 to 350 gsm ⁶	40 to 350 gsm ⁶

Enhance your productivity with HP Services

HP Services offers you the broadest portfolio of proven service programs 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 utilization and maximum up-time, driving your business productivity and sustainability for a profitable printing operation. Learn more at hp.com/go/webpressservice

⁵ A4-sized pages.

⁶ Basic configuration supports 40 to 215 gsm; optional configuration available for up to 350 gsm. Customer application specific testing advised for media between 40-60 gsm and 300-350 gsm.

Technical Specifications

Throughput	Up to 122 m/min (400 ft/min) color with the HP PageWide Web Press T300 Up to 183 m/min (600 ft/min) color with the HP PageWide Web Press T350 Up to 183 m/min (600 ft/min) color and up to 244 m/min (800 ft/min) mono with the HP PageWide Web Press T360
Media	Handling: Tight web continuous roll feed Paper width: 203 to 762 mm (8 to 30 inches) Weight: 40 to 350 gsm ⁶ Media types: Wide range of standard uncoated offset media and inkjet-optimized coated media ColorPRO media: For information on papers with ColorPRO Technology, see hp.com/go/mediasolutions
Printing	Print technology: HP Thermal Inkjet Native resolution: 1200 nozzles per inch Ink type: Water-based HP pigment inks and Bonding Agent Ink colors: CMYK Printable width: Up to 739 mm (29.1) Printable frame length: from Up to 1829 mm (72 in) 71 million A4-sized four-color pages per month at 122 m (400 ft) per minute; 99 million A4-sized four-color pages per month at 183 m (600 ft) per minute; 123 million mono A4-sized pages per month at 244 m (800 ft) per minute.
Dimensions (W x L x H)	3.15 x 19 x 3 m ⁷
Operating environment	Press operating temperature range: 18°–24°C Digital front-end operating temperature range: Refer to HP ProLiant Server QuickSpecs on hp.com/go/proliant or consult your HP Solutions professional Humidity: Optimal 40–60% ⁸
Press operating requirements	Electrical voltage: 400V to 480V, 3 phase Power consumption (typical during operation): 109 kW ⁹
Consumables	Printheads: HP printheads (separate printheads for CMYK colors and Bonding Agent) Ink supply: HP 200-liter pigment ink containers (separate containers for each color and Bonding Agent) Servicing: HP 10-pack Web Wipe Cassette
Optional equipment/configurations	Configuration options available to address specific printing requirements: • MICR option:¹⁰ HP MICR printhead; HP 3-liter MICR ink • Dryer capacity (Dryer Expansion Modules, SIDE dryers) • Color Calibration, Dryer Vent Hood • Unwind, rewind and moisturizer units • Paper handling options 350 gsm option • Work station options • Zero-Speed Splicer, Automatic Turret Rewinder
Warranty	Six-month limited warranty



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

- ⁶ Basic configuration supports 40 to 215 gsm; optional configuration available for up to 350 gsm. Customer application specific testing advised for media between 40–60 gsm and 300–350 gsm.
- ⁷ Dimensions above are for configuration with expanded dryer; without optional rewinder attached. The following are dimensions with optional rewinder and optional additional access walkover: 3.15 x 21.82 x 3 m. Dimensions vary by configuration and options selected.
- ⁸ Optimal operating environment may vary by application.
- ⁹ Calculations are based on standard dryer configuration option. Typical power may vary based on print speed, ink density, dryer configuration, and settings.
- ¹⁰ Consult your HP PageWide Web Press account manager for availability.

Learn more at
hp.com/go/pagewidewebpress

Sign up for updates
hp.com/go/getupdated



Share with colleagues



Rate this document

