



# HP T350 Color Inkjet Web Press

Accelerate growth with exceptional print speeds, enhanced throughput

Experience high-productivity printing with a press that offers exceptional print speeds and enhanced processing throughput. Meet deadlines and fast turnarounds for high-volume jobs with the HP T350 Color Inkjet Web Press, offering a scalable web width up to 30 inches (762 millimeters) and reliable, high-quality performance at full press speed.

## Grow profitably with high-speed productivity

Give your productivity and your business a significant boost with an HP inkjet web press that delivers exceptional speeds, increased processing throughput, easy automated features, and reliable operation.

- Exceptional color speeds—up to 600 feet (183 meters) per minute—help you meet service level agreements
- A robust data pipeline, powered by the HP SmartStream Ultra Print Server, enables high-speed data processing for 100% variable content printing at full press speed
- Flexible, scalable web width up to 30 inches (762 millimeters) and print width up to 29.1 inches (739 millimeters) enables a wide range of page layouts and imposition formats
- Spend more time printing with easy, automated quality control features
- Duty cycle up to 105 million letter-sized four-color images per month
- Increase total printing time with the optional quick roll changeover solution<sup>1)</sup>—the zero-speed splicer reduces time required for loading and splicing rolls to the unwind unit

## A smart investment—with breakthrough economics

Reduce costs with a press that delivers reliability, efficiency, and low-maintenance performance—including long-life HP thermal inkjet printheads and ink supplies, automatic servicing and alignment routines, and attractive cost structures.

- Cost-effective, low-maintenance performance with long-life HP thermal inkjet printheads and reliable, 200-liter HP pigment ink supplies

- Pay only for the ink you use—with no click charges, add high-impact color while keeping costs manageable
- Maintain high productivity with a press designed for reliable performance across the complete system
- The HP Graphics Workflow Solutions Portfolio offers a wide range of solutions partners to provide choices across each phase of the production process, from pre-press design and job management to finishing and fulfillment

## High-quality results at full press speed

Meet deadlines and fast turnarounds for high-volume jobs with a press that provides high-quality results at a range of different print speeds.

- With CMYK HP pigment inks and HP printheads produce sharp text, images, graphics, and uniform area fills at full press speed
- Optimize press uptime with proven HP Scalable Printing Technology—multiple nozzles address each pixel to minimize print defects and reduce waste
- Hot forced-air dryers—configuration options scale capacity to your printing application requirements
- HP Bonding Agent—allows you to print on low-cost, uncoated offset media with outstanding quality and durability
- Broad media compatibility includes standard uncoated offset stock, groundwood, and newsprint
- Achieve the highest print quality with uncoated ColorPRO papers and coated papers co-developed with industry-leading media partners

<sup>1)</sup> Available from qualified HP Solutions partners.

To learn more visit: [www.hp.com/go/inkjetwebpress](http://www.hp.com/go/inkjetwebpress)

# Technical specifications

<b>Throughput</b>	Up to 600 ft/min (183 m/min)
<b>Media</b>	<b>Handling:</b> Tight web continuous roll feed <b>Types:</b> Wide range of standard uncoated offset media and inkjet-optimized coated media <b>Paper width:</b> 8 to 30 inches (203 to 762 mm) <b>Weight:</b> 40 to 350 gsm, <sup>1)</sup> 27-lb text to 130-lb cover
<b>Printing</b>	<b>Print technology:</b> HP thermal inkjet <b>Native resolution:</b> 1200 nozzles per inch <b>Ink type:</b> Water-based HP pigment inks and Bonding Agent <b>Ink colors:</b> CMYK <b>Printable width:</b> Up to 29.1 inches (739 mm) <b>Printable frame length:</b> from 11 to 72 inches (27,94 to 182,88 cm) <b>Duty cycle:</b> 105 million letter-sized equivalent full-color images/month
<b>Input file formats</b>	PDF 1.7, PDF/X-1a, PDF/X-3, PDF/X-4, PDF/X-4p, PDF/X-5g, PDF/X-5pg, PDF/VT-1, PDF/VT-2, PDF/VT-2s; AFP/IPDS <sup>2)</sup>
<b>Digital front-end</b>	HP SmartStream Ultra Print Server for the HP T350 Color Inkjet Web Press <b>Operating systems:</b> Microsoft Windows 2003 Server R2 64 Bit <b>Hardware:</b> HP Proliant DL360/380, BL 460 Servers; Up to 60 terabytes of storage per RIP system <sup>3)</sup> <b>RIP:</b> Global Graphics Harlequin 8.2 <b>JDF version:</b> 1.3 compliant <b>Color &amp; quality:</b> ICC version 4.0, device link profiles, CMYK, advanced half-toning <b>Speed:</b> Scalable to run at press rated speeds
<b>Dimensions (W x L x H)</b>	124 x 748 x 165 in (3,15 x 19,00 x 4,20 m) <sup>4)</sup>
<b>Operating environment</b>	<b>Press operating temperature range:</b> Optimal 59 to 86° F (15 to 30° C) <b>Digital front-end operating temperature range:</b> Refer to HP Proliant Server QuickSpecs on <a href="http://www.hp.com/go/proliant">www.hp.com/go/proliant</a> or consult your HP Solutions professional <b>Humidity:</b> Optimal 40 to 60% RH; maximum 15 to 80% RH (non-condensing)
<b>Press operating requirements</b>	<b>Electrical voltage:</b> 400V to 480V, 3 phase
<b>Consumables</b>	<b>Printheads:</b> CH590A—HP A10 Magenta and Cyan Printhead; CH591A—HP A10 Black Printhead; CH592A—HP A10 Cyan Printhead; CH593A—HP A10 Magenta Printhead; CH594A—HP A10 Yellow Printhead; CH595A—HP A10 Bonding Agent Printhead <b>Ink supplies:</b> CH598A—HP A50 200-liter Black Pigment Ink; CH599A—HP A50 200-liter Cyan Pigment Ink; CH600A—HP A50 200-liter Magenta Pigment Ink; CH601A—HP A50 200-liter Yellow Pigment Ink; CH602A—HP A50 200-liter Bonding Agent <b>Servicing:</b> CH652A—HP 10-pack Web Wipe Cassette
<b>High-quality media</b>	For information on papers with ColorPRO Technology or co-developed coated papers, see <a href="http://www.hp.com/go/mediasolutions">www.hp.com/go/mediasolutions</a>
<b>Optional equipment/configurations</b>	Configuration options available to address specific printing requirements <b>MICR option:</b> <sup>5)</sup> CR290A—HP MICR Printhead; CR291A—HP 3-liter MICR Ink Dryer capacity Unwind and rewind units Paper handling options Work station options Zero-speed splicer option <sup>6)</sup> Qualified finishing solutions are available through HP Solutions partners <sup>7)</sup>
<b>Warranty</b>	Six-month limited warranty

<sup>1)</sup> Basic configuration supports 40 to 200 gsm; optional configuration available for up to 350 gsm.

<sup>2)</sup> AFP supported via partner solution offerings.

<sup>3)</sup> Configurations vary based on specific customer solution requirements.

<sup>4)</sup> Dimensions above are for a configuration with standard unwinder, expanded dryer with dryer expansion module; without optional rewinder attached. The following are dimensions with optional rewinder and optional additional access walkover: 124 x 859 x 165 in (3,15 x 21,82 x 4,20 m). Dimensions vary by configuration and options selected.

<sup>5)</sup> Currently available in the US only. MICR print speed is enabled up to 400 feet (122 meters) per minute.

<sup>6)</sup> Available from qualified HP Solutions partners.

<sup>7)</sup> In some cases, solutions based on the HP Inkjet Web Press platform will be available through an HP authorized reseller or systems integrator.

To learn more, visit [www.hp.com/go/inkjetwebpress](http://www.hp.com/go/inkjetwebpress)

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## ecoHIGHLIGHTS

### HP T350 COLOR INKJET WEB PRESS

- Reduce waste with digital on-demand printing
- Water-based HP inks—no hazard warning labels; no HAPs intentionally added;<sup>1)</sup> non-flammable and non-combustible<sup>2)</sup>
- Very low VOC emissions<sup>3)</sup>
- Free and convenient printhead recycling;<sup>4)</sup> ink drums are material recyclable

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

<sup>2)</sup> 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.

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

<sup>4)</sup> Visit [www.hp.com/recycle](http://www.hp.com/recycle) to see how to participate and for HP Planet Partners program availability.

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

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