HP T300 Color Inkjet Web Press
Break through cost and performance barriers with high-speed digital performance

Based on proven thermal inkjet technology, this press delivers high productivity at a breakthrough cost on a range of applications, including books, direct mail, transactional printing,[1] and newspapers.

Take your digital productivity to new heights
- Experience fast full-color, 100% variable content printing at full press speed—up to 400 feet (122 meters) per minute
- The HP T300 Color Inkjet Web Press is scalable in web width, up to 30 inches (762 millimeters)— minimum media width A4; print width, up to 29.1 inches (739 millimeters)
- Spend more time printing with easy, automated quality control features
- Experience robust performance with a high duty cycle—up to 75 million letter-sized four-color images per month[2]
- 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

Remove the barriers to digital adoption
- Combine a low purchase price with cost-effective operation enabled by reliable Original HP pigment inks and long-life HP thermal inkjet printheads
- Pay only for the ink you use—with no click charges, add high-impact color while keeping costs manageable
- Streamlined operations enable lower running costs by reducing inefficient processes, like work-in-progress inventory, spoilage, over-runs, and waste
- Avoid operational disruptions with a press designed for reliable performance across the complete system

Uncompromising color quality 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
- With CMYK HP pigment inks and HP printheads produce sharp text, images, graphics, and uniform area fills at full press speed
- Unique HP Bonding Agent technology provides the flexibility to print on the low-cost, standard uncoated offset media you use today with outstanding image quality and durability
- Broad media compatibility includes 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

[1] In some cases, solutions based on the HP Inkjet Web Press platform will be available through an HP authorized reseller or systems integrator.

[2] Increase in productivity since initial product introduction due to optimizations in alignment routines that increase the total time available for printing.

To learn more visit: www.hp.com/go/inkjetwebpress

Technical specifications

Throughput	Up to 400 ft/min (122 m/min)
Media	**Handling:** Tight web continuous roll feed
	Types: Wide range of standard uncoated offset media and inkjet-optimized coated media
	Paper width: 8 to 30 inches (203 to 762 mm)
	Weight: 40 to 350 gsm,[1] 27-lb text to 130-lb cover
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 29.1 inches (739 mm)
	Printable frame length: from 11 to 72 inches (27,94 to 182,88 cm)
	Duty cycle: 75 million letter-sized equivalent full-color images/month[2]
Input file formats	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[3]
Digital front-end	HP SmartStream Ultra Print Server for the HP T300 Color Inkjet Web Press
	Operating systems: Microsoft Windows Server 2003 R2 60 Bit
	Hardware: HP ProLiant DL360/380, BL 460 Servers; Up to 60 terabytes of storage per RIP system[4]
	RIP: Global Graphics Harlequin 8.2
	JDF version: 1.3 compliant
	Color & quality: ICC version 4.0, device link profiles, CMYK, advanced half-toning
	Speed: Scalable to run at press rated speeds
Dimensions (W x L x H)	124 x 748 x 119 in (3,15 x 19,00 x 3 m)[5]
Operating environment	**Press operating temperature range:** Optimal 59 to 86° F (15 to 30° C)
	Digital front-end operating temperature range: Refer to HP ProLiant Server QuickSpecs on **www.hp.com/go/proliant** or consult your HP Solutions professional
	Humidity: Optimal 40 to 60% RH; maximum 15 to 80% RH (non-condensing)
Press operating requirements	**Electrical voltage:** 400V to 480V, 3 phase
	Power consumption (typical during operation): 109 kW[6]
Consumables	**Printheads:** CH576A—HP Black Printhead; CH577A—HP Cyan Printhead; CH578A—HP Magenta Printhead; CH579A—HP Yellow Printhead; CH580A—HP Bonding Agent Printhead
	Ink supplies: CH581A—HP 200-liter Black Pigment Ink; CH582A—HP 200-liter Cyan Pigment Ink; CH583A—HP 200-liter Magenta Pigment Ink; CH584A—HP 200-liter Yellow Pigment Ink; CH585A—HP 200-liter Bonding Agent
	Servicing: CH652A—HP 10-pack Web Wipe Cassette
High-quality media	For information on papers with ColorPRO Technology or co-developed coated papers, see **www.hp.com/go/mediasolutions**
Optional equipment/configurations	Configuration options available to address specific printing requirements
	MICR option:[7] 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[8]
	Qualified finishing solutions are available through HP Solutions partners[9]
Warranty	Six-month limited warranty

[1] Basic configuration supports 40 to 200 gsm; optional configuration available for up to 350 gsm.

[2] Increase in productivity since initial product introduction due to optimizations in alignment routines that increase the total time available for printing.

[3] AFP supported via partner solution offerings.

[4] Configurations vary based on specific customer solution requirements.

[5] Dimensions above are for configuration with expanded dryer; without optional rewinder attached. The following are dimensions with optional rewinder and optional additional access walkover: 124 x 859 x 119 in (3,15 x 21,82 x 3 m). Dimensions vary by configuration and options selected.

[6] Calculations are based on standard dryer configuration option. Typical power may vary based on print speed, ink density, dryer configuration, and settings.

[7] Currently available in the US only.

[8] Available from qualified HP Solutions partners.

[9] In some cases, solutions based on the HP Inkjet Web Press platform will be available through an HP authorized reseller or systems integrator.

ecoHIGHLIGHTS — HP T300 COLOR INKJET WEB PRESS

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

[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 **www.hp.com/recycle** to see how to participate and for HP Planet Partners program availability.

www.hp.com/ecosolutions   **www.hp.com/recycle**

To learn more visit: www.hp.com/go/inkjetwebpress