

# HP PageWide Web Press T200 Color series



High-productivity, high-efficiency color inkjet web press



**Grow your business with this highly versatile and productive HP digital printing solution**

**Reduce your costs and make more money in a changing market with an HP press that offers unprecedented versatility and attractive economics. Impress clients with outstanding print quality in a device that's easy to use and meets your workflow needs.**

## Create an advantage with outstanding print quality

**Reproduce designers' graphics accurately and consistently with vibrant four-color (CMYK) production printing.** With CMYK HP pigment inks and HP printheads, produce sharp text, images, graphics, and uniform area fills with 100% variable data content at full press speed.

**Use HP Bonding Agent to unlock color brilliance and black optical density on standard uncoated media.** This colorless liquid is applied only at the precise locations where ink is to be printed to improve optical density, reduce strike-through, and produce prints that are water-, smudge-, and highlighter-resistant.

**Gain flexibility—with broad media compatibility.** These presses support a wide range of uncoated offset stock, groundwood, newsprint, and other media solutions. Supported media weights range from 60 up to 215 gsm. Achieve the highest print quality with ColorPRO papers optimized for HP.

## Win more jobs with unprecedented versatility

**Tailor it—HP's SmartStream workflow products and finishing partners streamline print production for you.** Advanced color management tools and an end-to-end workflow enabled by HP and HP partners offer greater flexibility—with specific solutions to address key market segments that are customizable and scalable to your unique business needs.

**Leverage HP's IT, software, computing, and printing expertise.** When you choose HP, you're getting a proven printing solution that also leverages our world-class IT, software, and computing capabilities. Take advantage of a solution that is vertically integrated and optimized to support your printing applications.

**Print high-quality text, high coverage images, and graphics with 100% variable content at full press speed.** Outstanding print quality on a 20.5-inch web enables you to do more: pitch new ideas and expand your offering to include books, magazines, catalogs, inserts, direct mail, and commercial printing applications.



# Experience versatile, highly productive, full-color 20.5-inch printing

Outstanding print quality combined with uncompromising productivity provide you with broad application versatility. HP makes printing in color easy and cost effective with HP PageWide Web Press T200 and T230. This innovative series, based on proven HP technology, is optimized for mid- and large-sized print environments. With a 521 mm (20.5 in) print zone, these presses fit your existing 2-up workflow and, with a broad range of finishing and workflow solutions from HP's partners, you will have the solutions you need to meet your application requirements. Plus, you get fast duplex printing speeds up to 122 m (400 ft) per minute.<sup>1</sup>

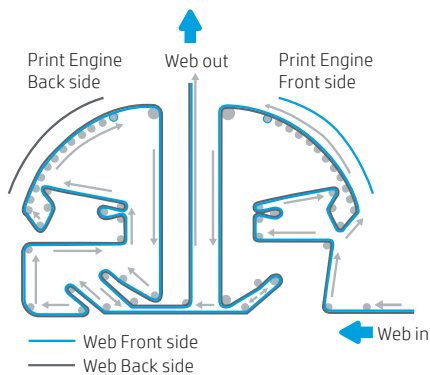
## Increase profitability—with compelling economics

**Take advantage of the versatility full color printing provides.** Printers are looking for new ways to thrive and profit in a changing market. The ability to produce outstanding results gives you the versatility you need to win more jobs.

**Use the media your customers are used to—print on standard uncoated offset media with HP's bonding agent.** Give your customers what they want and cut your costs. Use HP Bonding Agent to unlock color brilliance and black optical density on standard uncoated media with reduced feathering and show-through.

**Get the HP backing you demand with market and business development, and expert technical support.** Trust HP to help grow your business and reduce your costs. We support our customers with business and application development and offer expert pre-sale guidance and post-sale support services so you get the most from your HP web press.

**Original HP inks and long-life HP Thermal printheads provide consistent, reliable performance.** The performance and reliability of HP's Scalable Printing Technology, as well as Original HP pigment inks used in HP PageWide Web Press T200 and T230 are proven in commercial installations.



Innovative duplex paper path delivers high-quality, full-color digital printing in a compact design that fits your production environment.

## 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](http://hp.com/go/webpressservice).

## 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.

<sup>1</sup> The HP PageWide Web Press T230 prints up to 122 m (400 ft) per minute. The HP PageWide Web Press T200 prints up to 61 m (200 ft) per minute.



Eco highlight

- 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

To Learn more:  
[hp.com/ecosolutions](http://hp.com/ecosolutions)  
[hp.com/recycle](http://hp.com/recycle)

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

<sup>2</sup> Print up to 50 million four-color letter-sized images per month with the T230 model; print up to 25 million four-color letter-sized images per month with the T200 model.

Get exceptional color productivity

**Meet tight deadlines with fast color speeds.** Print duplex speeds up to 122 m (400 ft) per minute in full color with the HP PageWide Web Press T230. Print duplex speeds up to 61 m (200 ft) per minute in full color with the HP PageWide Web Press T200. The HP PageWide Web Press T200 serie incorporates high-speed data processing based on HP Blade Servers and advanced, scalable electronic hardware that supports printing with 100% variable content at full press speed.

**Experience robust performance with a high duty cycle.** With its robust design and productivity up to 50 million four-color letter-sized equivalent images per month,<sup>2</sup> these presses are optimal for moving your existing offset work to digital and providing the capacity and versatility for additional applications.

**Optimize press uptime with proven HP Scalable Printing Technology—minimize print defects and reduce waste.** With a compact nozzle design, proven HP Scalable Printing Technology uses multiple nozzles to address each pixel. Nozzle redundancy ensures greater uptime by minimizing print defects, reducing waste, and maintaining high print quality over long runs.

**Maximize your press’ production availability with easy, automated quality control features.** The HP PageWide Web Press T200 series constantly monitors print quality to ensure the best possible results. It also provides status reports, which help you make production run decisions and adjustments.

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.



	HP PageWide Web Press T200	HP PageWide Web Press T230
Max speed	61 m (200 ft) per minute full color	122 m (400 ft) per minute full color
Duty cycle	25 million four-color letter-sized images per month*	50 million four-color letter-sized images per month*
Scalable web width	Up to 559 mm (22 in)**	Up to 559 mm (22 in)**
Print width	Up to 521 mm (20.5 in)	Up to 521 mm (20.5 in)
Print technology	HP Thermal Inkjet	HP Thermal Inkjet
Native resolution	1200 nozzles per inch	1200 nozzles per inch
Media range	40 to 215 gsm***	40 to 215 gsm***

\* US letter-sized equivalent images.

\*\* Requires CM779# Unwind Module and CM825# Duplex Rewind Module

\*\*\*Customer application specific testing advised for media between 40-60 gsm.

## Technical Specifications

<b>Throughput</b>	Up to 61 m/min (200 ft/min) color, with the HP PageWide Web Press T200 Up to 122 m/min (400 ft/min) color with the HP PageWide Web Press T230
<b>Media</b>	Handling: Tight web continuous roll feed Paper width: 203 to 558 mm (8 to 22 in) <sup>1</sup> Weight: 40 to 215 gsm, 30-to 145-lb text, 80-lb cover <sup>2</sup> Media types: Wide range of standard uncoated offset media and inkjet-optimized coated media ColorPRO media: For information on papers with ColorPRO Technology, see <a href="http://hp.com/go/mediasolutions">hp.com/go/mediasolutions</a>
<b>Printing</b>	Print technology: 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 521 mm (20.5 in) Printable frame length: From 279 to 1829 mm (11 to 72 in) Duty cycle: 25 million four-color letter-sized equivalent images per month with the T200 model; 50 million four-color letter-sized equivalent images per month with the T230 model
<b>Dimensions (W x L x H)</b>	3 x 11.6 x 2.7 m (117 x 455 x 107 in) <sup>3</sup>
<b>Operating environment</b>	Press operating temperature range: Optimal 18°-24°C (64°-75°F) Digital front-end operating temperature range: Refer to HP ProLiant Server QuickSpecs on <a href="http://hp.com/go/ProLiant">hp.com/go/ProLiant</a> or consult your HP Solutions professional Humidity: Optimal 40-60% <sup>4</sup>
<b>Press operating requirements</b>	Electrical voltage: 400V to 480V, 3 phase Power consumption (idle): 6 kVA Power consumption (typical during operation): Black: 25 kVA, color: 80 kVA <sup>5</sup>
<b>Consumables</b>	Printheads: HP printheads (separate printheads for CMYK colors and Bonding Agent) Ink supplies: HP 200-liter pigment ink containers (separate containers for each color and Bonding Agent) Servicing: HP 10-pack Web Wipe Cassette
<b>Optional equipment/configurations</b>	Configuration options available to address specific printing requirements MICR option: <sup>6</sup> HP MICR printhead; HP 3-liter MICR ink Unwind and rewind units Remote work station accessory
<b>Warranty</b>	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](http://ul.com/environment)

<sup>1</sup> Requires CM779# Unwind Module and CM825# Duplex Rewind Module

<sup>2</sup> Customer application specific testing advised for media between 40-60 gsm.

<sup>3</sup> Dimensions for standard configuration with optional unwinder and rewinder.

<sup>4</sup> Optimal operating environment may vary by application.

<sup>5</sup> Estimates are for the base press only on uncoated media with typical 5 to 10% black ink coverage and 25 to 30% color ink coverage.

<sup>6</sup> Consult your HP PageWide Web Press account manager for availability.

**Learn more at**  
[hp.com/go/pagewidewebpress](http://hp.com/go/pagewidewebpress)

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