HP PageWide Web Press T200 HD Color series

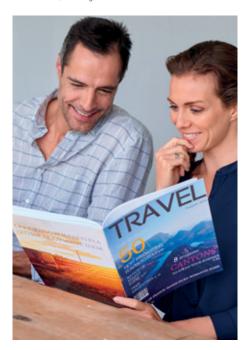## Grow your business with this highly versatile and productive press

Expand your offering with a robust HP graphic arts press that delivers unprecedented versatility. Impress clients with outstanding print quality in a device that's easy to use and meets your workflow needs.

Outstanding image quality—print a broad range of applications

HP High Definition Nozzle Architecture (HDNA) completely raises the bar in digital color quality, using 2400 nozzles per inch native resolution and dual drop weight to deliver image detail like never before. The result: image quality ideal for demanding applications in publishing, direct mail, and commercial print.

• See outstanding image quality with smooth skin tones and incredible shadow detail with HP HDNA's 2400 nozzles per inch native resolution and dual drop weight.

• Produce top notch results with continuous alignment—the press continuously monitors and actively adjusts color to color registration to provide consistent quality throughout a run.

• Deliver uncompromising color consistently with HP's set of on-press and pre-press color management tools, for example, the optional HP SmartStream Web Press Color Studio.

Win more jobs with unprecedented versatility

- Print high-quality text, high coverage images, and graphics with 100% variable content at full press speed in Performance mode,[1] or print in the new HDNA Quality mode[2] on a 22-inch (559 mm) web. Both enable you to do more: pitch new ideas and expand your offering to include books, magazines, catalogs, inserts, direct mail, and commercial printing applications.

- Produce high-quality prints on matte and gloss offset coated media with HP Priming Agent and virtually any offset uncoated media with HP Bonding Agent. Also work with a broad range of ColorPRO and compatible inkjet papers certified by the HP Media Certification Program.

- 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.

Get exceptional color productivity

- Meet tight deadlines with fast color speeds. Print duplex speeds up to 152 m (500 ft) per minute in full color with the HP PageWide Web Press T240 HD with 100% variable content at full press speed in Performance mode[1].

- Experience robust performance with a high duty cycle. With its solid design and productivity up to 62 million four-color letter-sized images per month, these presses are optimal for moving your existing offset work to digital and providing the capacity and versatility needed for additional applications.

- Optimize press uptime with proven HP HDNA Technology—minimize print defects and reduce waste. With a compact nozzle design, HP HDNA Technology uses multiple nozzles to address each pixel. Built-in 4-8x 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 T240 HD provides multiple ways to check quality during a print run, including the optional HP Quality Image Check Vision System, which monitors nozzle health by selectively comparing the RIP output to the printed image.

		HP PageWide Web Press T240 HD	HP PageWide Web Press T235 HD
Max speed	Performance mode[1]	Up to 152 m (500 ft) per minute	Up to 122 m (400 ft) per minute
	Quality mode[2]	Up to 76 m (250 ft) per minute	Up to 61 m (200 ft) per minute
Max Duty cycle	Performance mode[1]	62 million letter-sized images per month	50 million letter-sized images per month
	Quality mode[2]	34 million letter-sized images per month	28 million letter-sized images per month
Web width		Up to 559 mm (22 in)[3]	
Print width		Up to 521 mm (20.5 in)	
Print technology		HP High Definition Nozzle Architecture Thermal Inkjet	
Native resolution		2400 nozzles per inch	
Media range		40 to 215 gsm[4]	

[1] Performance mode delivers high quality using single (or high) drop weights.
[2] Quality mode delivers the highest quality using dual—low and high—drop weights.
[3] Requires CM779# Unwind Module and CM825# Duplex Rewind Module.
[4] Basic press configuration supports 40-215 gsm. Media between 40-60 gsm require pre-sale testing per application.

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

Eco highlight

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

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

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

[**] 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

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

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

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.

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 uptime, driving your business productivity and sustainability for a profitable printing operation. Learn more at 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.

Technical specifications

		HP PageWide Web Press T240 HD	HP PageWide Web Press T235 HD
Throughput	Performance mode[1]	Up to 152 m (500 ft) per minute	Up to 122 m (400 ft) per minute
	Quality mode[2]	Up to 76 m (250 ft) per minute	Up to 61 m (200 ft) per minute
Max Duty cycle	Performance mode[1]	62 million letter-sized images per month	50 million letter-sized images per month
	Quality mode[2]	34 million letter-sized images per month	28 million letter-sized images per month
Media		Handling: Tight web continuous roll feed Paper width: 203 to 558 mm (8 to 22 in)[3] Weight: 40 to 215 gsm,[4] 30- to 145-lb text, 80-lb cover 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/webpressmediaink	
Printing		Print technology: Thermal Inkjet Native resolution: 2400 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 216 to 1829 mm (8.5 to 72 in)	
Dimensions (W x L x H)		3 x 11.6 x 2.7 m (117 x 455 x 107 in)[5]	
Operating environment		Press operating temperature range: Optimal 18 to 24º C (64 to 75º 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 to 60% RH[6]	
Press operating requirements		Electrical voltage: 400V to 480V, 3 phase	
Consumables		Printheads: HP A52, A53 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	
Standard configurations		Color Calibration HP Standard Vision System	
Optional equipment/ configurations		Configuration options available to address specific printing requirements • Dryer capacity • Digital Front End • HP In-line Priming solution • HP SmartStream Web Press Color Studio • HP Quality Image Check Vision System • Unwind and rewind units • Remote work station accessory	
Warranty		Six-month limited warranty	

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[3] Requires CM779# Unwind Module and CM825# Duplex Rewind Module.

[4] Basic press configuration supports 40-215 gsm. Media between 40-60 gsm require pre-sale testing per application.

[5] Dimensions for standard configuration with optional unwinder and rewinder.

[6] Optimal operating environment may vary by application.

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