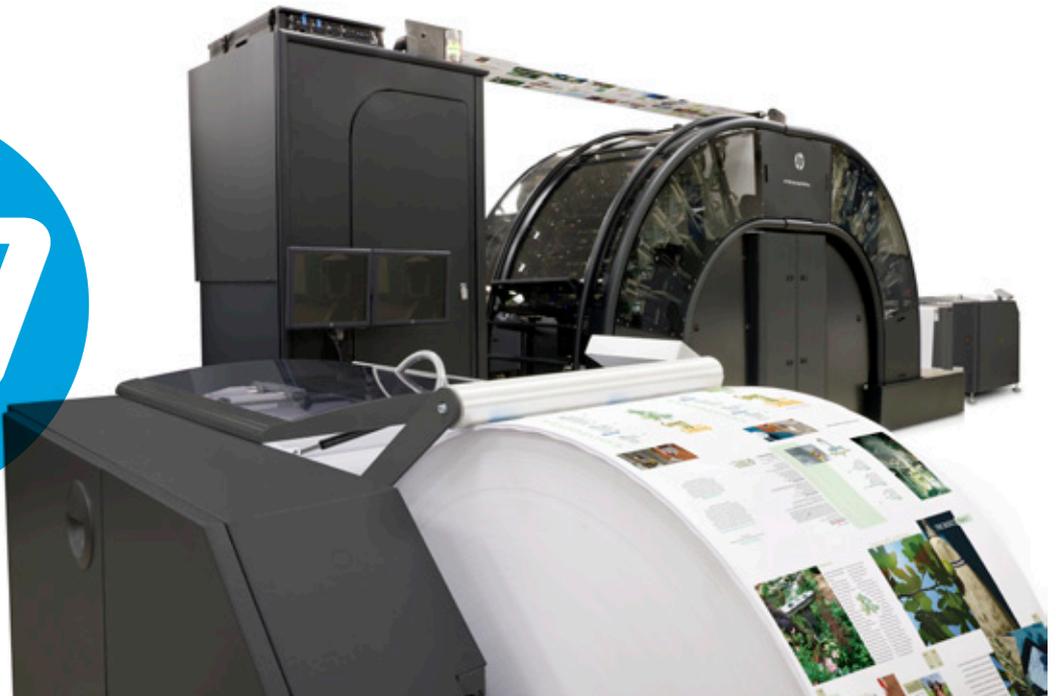


HP T200 Color Inkjet Web Press family

Take your business to the next level with a solution that can increase growth and profits



Impress clients with high-quality digital color in a device that fits your business and your budget. Choose from different speed capabilities to meet specific production and workflow requirements.

Grow your business with high-impact digital color

Make a serious impact with high-quality, 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.

HP Bonding Agent allows you to print on low-cost, uncoated offset media with outstanding quality. This colorless liquid is applied before any other color 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.

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.

High-quality media options. To maximize system performance, HP enables high-quality media options designed for HP pigment inks and the HP T200 Color Inkjet Web Press family. Achieve the highest print quality with ColorPRO papers—from uncoated papers to high-speed coated papers—co-developed with industry-leading media partners (see www.hp.com/go/mediasolutions).

Production and application flexibility

High performance, compact press fits centralized and distributed facilities. With an innovative duplex paper path without a turn bar, the HP T200 Color Inkjet Web Press family delivers high-productivity printing in a compact size that fits your existing facility.

Integrates with your existing production environment. Built with open architecture interfaces, these presses can integrate with your existing production environment including 2-up workflow, off-line, near-line, or dedicated in-line finishing equipment.

Fast and flexible—supports multiple applications. Print direct mail, transaction applications,¹ books-on-demand, and newspapers with presses that are fast and offer the flexibility you need with a 20.5-inch (520,7-millimeter) print width.

Flexibility to do more. The HP T200 Color Inkjet Web Press family offers you the flexibility to print on pre-printed, pre-perforated, and pre-punched forms, or to print 100% variable content, full-color documents on white uncoated offset stock and ColorPRO papers.

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

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

HP T200 Color Inkjet Web Press family

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

Now you can step up to full variable color printing and gain increased productivity over a single-color printing system. HP makes printing in color easy and affordable with HP T200 and T230 Color Inkjet Web Presses. This innovative family, based on proven HP technology, is optimized for mid- and large-sized print environments. With a 20.5-inch (520,7-millimeter) print zone, these presses fit your existing 2-up workflow and are compatible with finishing equipment common in production mail environments, short-run book production, and distributed newspaper production. Plus, you get fast duplex printing speeds up to 400 feet (122 meters) per minute in color and mono¹²—all in a reliable press with a space-efficient design that's easy to maintain.



Increase profitability with a low-risk investment

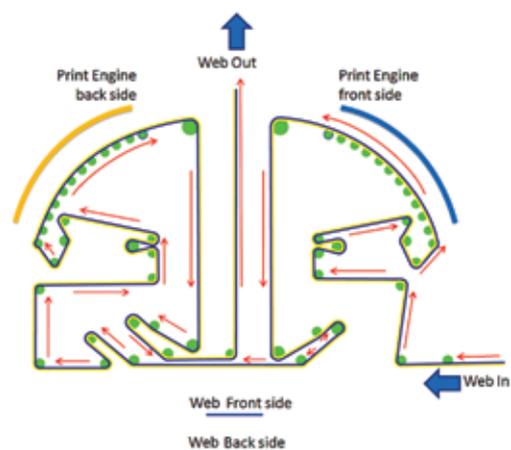
Easily upgrade from single-color to full-color printing. HP is making it easier than ever to adopt one-step all-digital color printing. Replace your current single-color printing system with a press designed to fit your existing infrastructure—reducing the expenses required to upgrade your facility to full digital color printing.

Purchase consumables as needed and print on standard uncoated offset paper. With no click charges, you pay only for the ink you use. Save additional money by printing on a wide variety of standard uncoated offset papers.

Transform your production environment with one-step all-digital color on your schedule. Streamline your production environment and reduce complexity and waste. Print short-run, on-demand books and newspapers all in one step. Print in full digital color from white stock without the carrying costs and hassles of managing work-in-process inventory.

Original HP inks and long-life HP Thermal Inkjet 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 T200 and T230 Color Inkjet Web Presses, have been proven in commercial installations.

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



¹² The HP T230 Color Inkjet Web Press prints up to 400 feet (122 m) in color and mono. The HP T200 Color Inkjet Web Press prints up to 200 feet (61 m) per minute in color and up to 400 feet (122 m) per minute in mono.

Get exceptional color and mono productivity

Meet tight deadlines with fast color and mono speeds. Print duplex speeds up to 400 feet (122 meters) per minute in full color and mono with the HP T230 Color Inkjet Web Press. Print duplex speeds up to 200 feet (61 meters) per minute in full color and up to 400 feet (122 meters) per minute in mono with the HP T200 Color Inkjet Web Press. The HP T200 Color Inkjet Web Press family incorporates high-speed data processing based on HP Blade System 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 mono and four-color duplex letter-sized pages per month³, these presses are built for jobs formerly sent to mono electrophotographic and color offset presses.

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.

More printer uptime with easy, automated quality control features. The HP T200 Color Inkjet Web Press family constantly monitors print quality and makes periodic adjustments 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 T200 Color Inkjet Web Press	HP T230 Color Inkjet Web Press
Speed	Up to 400 feet (122 m) per minute mono; up to 200 feet (61 m) per minute color	Up to 400 feet (122 m) per minute mono and color
Duty cycle	50 million mono and 25 million four-color duplex letter-sized images per month	50 million mono and four-color duplex letter-sized images per month
Scalable web width	Up to 22 inches (558,8 mm)	Up to 22 inches (558,8 mm)
Print width	Up to 20.5 inches (520,7 mm)	Up to 20.5 inches (520,7 mm)
Print technology	HP Thermal Inkjet	HP Thermal Inkjet
Native resolution	1200 nozzles per inch	1200 nozzles per inch
Dryer	Float infrared (IR), scalable up to three dryer zones per print engine	Float infrared (IR), scalable up to three dryer zones per print engine
Media range	60 to 215 gsm*	60 to 215 gsm*

*Lighter weight media can be used for some applications.

³ Print up to 50 million mono and four-color duplex letter-sized pages per month with the T230 model; print up to 50 million mono and 25 million four-color duplex letter-sized pages per month with the T200 model.

Technical Specifications

Throughput	Monochrome: Up to 400 ft/min (122 m/min)
	Color: Up to 200 ft/min (61 m/min) with the T200 model, up to 400 ft/min (122 m/min) with the T230 model
Media	Handling: Tight web continuous roll feed
	Paper width: 8 to 22 inches (203 to 558 mm)
	Weight: 60 to 215 gsm, ¹ 40- to 145-lb text, 80-lb cover, 9 pt
	Types: Wide range of standard uncoated offset media and inkjet-optimized coated media ColorPRO media: For information on papers with ColorPRO Technology, see www.hp.com/go/mediasolutions
Printing	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 20.5 inches (520,7 mm)
	Printable frame length: From 11 up to 72 inches (27,94 to 182,88 cm) Duty cycle: 50 million mono and 25 million four-color duplex letter-sized pages per month with the T200 model; 50 million mono and four-color duplex letter-sized pages per month with the T230 model.
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 ²
Digital front-end	HP SmartStream Production Elite Print Server for the HP T200 Color Inkjet Web Press family
	Operating system: Microsoft Windows 2003 Server R2 64 Bit
	Hardware: HP ProLiant C Class Blades, BL460 G6 Servers; Up to 60 terabytes of storage per RIP system ³
	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)	117 x 299 x 107 in (3,0 x 7,6 x 2,7 m) ⁴
Weight	14.2 k-lb
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) ⁵
Press operating requirements	Electrical voltage: 400V to 480V, 3 phase
	Power consumption (idle): 6 kVA
	Power consumption (typical during operation): Black: 25 kVA, color: 80 kVA ⁶
Consumables	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
Optional equipment/configurations	Configuration options available to address specific printing requirements
	MICR option: ⁷ HP MICR printhead; HP 3-liter MICR ink
	Central ink supply station option
	Unwind and rewind units
	Remote work station accessory Qualified finishing solutions are available through HP Solutions partners ⁸
Warranty	Six-month limited warranty

¹ Lighter weight media can be used for some applications.

² AFP supported via partner solution offerings.

³ Configurations vary based on specific customer solution requirements.

⁴ Dimensions for standard configuration without optional unwinder or rewinder.

⁵ Optimal operating environment may vary by application.

⁶ 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.

⁷ Available in the U.S. and other regions. Consult your HP Inkjet High-speed Solutions account manager for availability in your region.

⁸ In some cases, solutions based on the HP Inkjet Web Press platform will be available through an HP authorized reseller or systems integrator.



ECOHIGHLIGHT

HP T200 Color Inkjet
Web Press family

- 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

¹ Hazardous Air Pollutants (HAPs) may be present at extremely low levels (< 0.1%) according to EPA Method 311.1.
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

