HP PageWide C500 Press

Grow your corrugated business with HP's digital post-print
solution delivering offset quality for mainstream production

The HP PageWide C500 Press delivers consistent offset print quality for a wide range of corrugated applications on both coated and uncoated paper, along with post-print process simplicity and the versatility advantages of food-safe[1] true water-based inks. All with the flexibility, accelerated time to market, and inventory benefits of digital printing. Help create new business opportunities and new competitive advantages with this single-pass, digital post-print solution for mainstream production.

Post-print simplicity with offset print quality

- New digital capabilities — Sharp text and barcodes, as well as smooth tone transitions, enabled by 1200 nozzles per inch and 6-pl drops.
- Achieve high accuracy with accurate dot placement enabled by HP's innovative Virtual Belt Technology.
- Consistent print quality over time in industrial environments — Delivered by 1 million nozzles at x6 redundancy.

Get digital flexibility while sustaining mainstream production

- Print at 75 linear m/min (246 linear ft/min) at top print quality.
- Smooth production flow with industry-grade boards enabled by HP's Corrugated Grip.
- Cost effectively print jobs in runs of one to thousands while focusing your analog presses on the very long runs.
- Accelerate turnaround times — Go from PDF to print in any quantity in just a few minutes.

Food-safe[1], true water-based ink for a wide range of packaging applications on coated or uncoated paper

- Print with confidence using ink that's 100% free of UV-reactive chemistries and requiring no additional barriers, meeting stringent standards for primary and secondary food packaging.[1]
- Offset print quality enables you to produce premium boxes on coated papers and opens up new business opportunities with uncoated paper.
- Effectively convert basic boxes to premium.
- Amaze brands, enhance value with versioning, personalization, and a wide range of printed security features.

Invest with confidence and grow your business with a trusted partner

- Leverage HP's scale—from financing, service, training, and knowledge generation to brand relationships.
- Rely on global, dependable, and comprehensive service and support tailored to your needs.
- A rich suite of solutions enables seamless integration into your production and business environment.

Technical specifications

Speed	• 75 linear m/min (246 linear ft/min)
Printing	• Technology: HP PageWide Thermal Inkjet Technology • Native resolution: 1200 nozzles per inch • Ink: HP CV150 Water Based Ink and Bonding Agent
Media	• Max board size: 1.32m (width) X 2.5m (length) (51.9'' x 98.4") • Board thickness: F flute to BC double-wall flutes • Top liner[2]: a range of coated and uncoated
Footprint (L X W X H)	• 36 x 8 x 4.8 m (118.1 x 26.3 x 15.7 ft)
Environmental conditions	• Press operating temperature range: 15° - 40°C (59° - 104°F) • Humidity: 20 - 80% RH (non-condensing)

[1] HP CV150 water based inks intended for printing on external side of corrugated packaging, including Primary packaging (sometimes referred to as 'Food Contact Packaging' in US). 3rd party (Intertek) World-Wide Statement of Regulatory Listing available for HP CV150 water based inks, based on Tenax migration testing on E-flute corrugated packaging. Contact HP for additional information

[2] Limitations may apply

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