

# The future of inkjet. Powered by Xerox.

## The Xerox® High Fusion W-Series Printhead

When you want to print on the most desirable media, you need a printhead that's up to the challenge. Xerox® W-Series Printheads are already being used successfully across a number of industries, from graphic arts and textiles to 3D and biomedical printing.

Now a version of this Xerox® original joins with Xerox® High Fusion Ink to bring game-changing productivity, quality and reliability to the production inkjet printing market in a radical new press platform: **the Xerox® Baltoro™ HF Inkjet Press.**



Xerox® High Fusion  
W-Series Printhead

### A FUTURE-PROOF SENSATION IN INKJET PRINT

The Baltoro HF Inkjet Press, along with its High Fusion Ink and High Fusion W-Series Inkjet Printheads, **expands the potential impact that inkjet technology can have in the graphic communications space.**

The new press and its groundbreaking printheads demonstrate our commitment to develop adaptable, **future-proof platforms that will evolve as industries change.**

### PROLIFIC PRODUCTIVITY

At just over 115 mm wide, High Fusion W-Series printheads can be combined to create an ultra-wide print area, as demonstrated in the new Baltoro HF Inkjet Press and its 350 mm print width—**the widest in its class.**

The configuration of the printheads within the press allows it to print two-up legal-size sheets in a single pass, **yielding up to twice the productivity<sup>1</sup> of the competition.<sup>2</sup>**

### SIGNATURE IMAGE QUALITY

With more than 65,000 nozzles combined on 12 printheads, the Baltoro HF is the first and only entry-level press to use **True HD 1,200 x 1,200 dpi** and include **next generation missing jet compensation.**

While competitive presses in Baltoro's class use larger droplets spaced further apart, the W-Series drops are smaller and closer together – half the distance – for imperceptible missing jet correction. **It all adds up to dazzling output and remarkable accuracy on any substrate.**

#### Unlock new wins with the Xerox® Baltoro HF Inkjet Press + W-Series Printheads:

5,544 jets  
per printhead

Small 4.5  
pL droplets

Signature  
image  
quality,  
refined by  
exclusive AI



350 mm  
print area:  
2x the  
productivity



**Stunning benefits anyone can see:** Higher resolution and brilliant image reproduction, all minus the “corduroy defect” that haunts competitive prints. That’s Signature Image Quality, only from the Xerox® Baltoro HF Inkjet Press with High Fusion W-Series Printheads.

# When you combine legacy experience with unbridled innovation, the world changes.

Xerox has been designing printheads for well over two decades. For example, we engineered the printheads in the Xerox® CiPress 325 and CiPress 500 inkjet presses, which even today reliably produce tens of millions of impressions per month around the world. We've developed a rigorous testing protocol for every new printhead technology. The process includes four general areas – longevity, thermal cycles, flowability and thermal ageing.

## PROVEN RELIABILITY – THE RESULT OF RIGOROUS TESTING



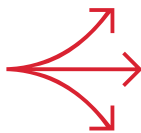
### Longevity

Surpassed 500 billion cycles on laboratory printheads.



### Thermal Cycles

Beyond 3,500 thermal cycles with no failures from 0° C to 120° C.



### Flowability

100,000 litres through a single printhead with no clogging.



### Thermal Ageing

Simulated five years of operation under/ in various thermal conditions and environments.

## Did you know?

Xerox has been a significant player in the 3D printing market since the 1990s, and today you'll find our printheads in most of the high-end and medium-level 3D printing devices in the world – capable of producing an astonishing range of applications, including solar panels, edible foods and muscle tissue replacements.

**Truly, the future of print is powered by Xerox.**

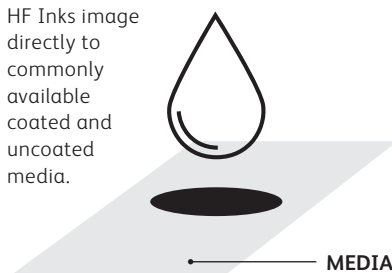
## CLEANER, MORE COMPACT DESIGN

It goes without saying: you want inks designed to bind directly to media without additional and unnecessary dependencies. Xerox® High Fusion Ink doesn't require primers or pre-coats – which add to the size, complexity, consumables and exorbitant power consumption costs that plague competitive presses.

The Xerox® High Fusion W-Series Printhead aligns to Baltoro HF's "direct-to-media" strategy – resulting in a press that runs cleaner and is more compact, efficient and economical.

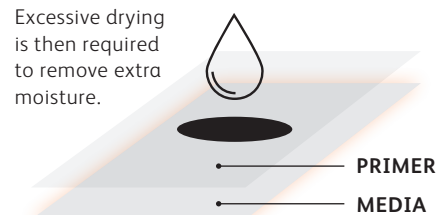
### Direct-to-media imaging with Baltoro and High Fusion Inks

HF Inks image directly to commonly available coated and uncoated media.



### Competitive inkjet printing with precoats or priming solutions

Costly precoats or priming solutions are sprayed onto the page before the ink. Excessive drying is then required to remove extra moisture.



We take what is and turn it into what will be. We never stop innovating, reimagining, building and doing. Call your Xerox Rep today, or explore online: [www.xerox.com/Inkjet](http://www.xerox.com/Inkjet)