

# The future of inkjet. Powered by Xerox.

made  
to  
think.

## 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 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 4.5 inches wide (115 mm), 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 13.76"/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 1200 x 1200 dpi** and include **next generation missing jet compensation.**

While competitive presses in Baltoro's class use larger droplets spaced farther 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



13.76"/  
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.

<sup>1</sup> Based on running legal-sized documents, 2-up simplex on 17" x 14" long-edge feed media  
<sup>2</sup> Visit [www.Xerox.com/Baltoro](http://www.Xerox.com/Baltoro) for more information

xerox™

# 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 aging.

## PROVEN RELIABILITY—THE RESULT OF RIGOROUS TESTING



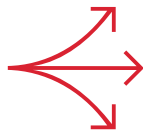
### Longevity

Surpassed 500 billion cycles on laboratory printheads.



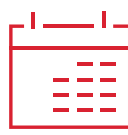
### Thermal Cycles

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



### Flowability

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



### Thermal Aging

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.**

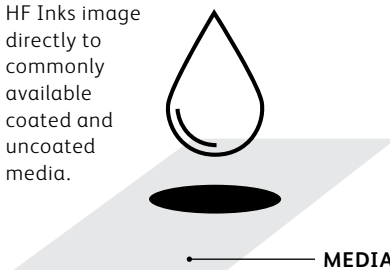
## CLEANER, MORE COMPACT DESIGN

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.

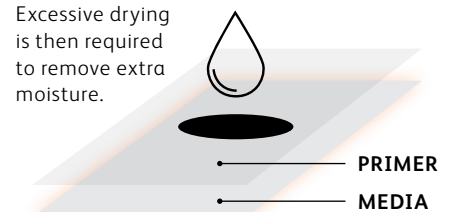
### Direct-to-media imaging with Baltoro and High Fusion Inks

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.



**Made to Think™.** 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: [xerox.com/inkjet](http://xerox.com/inkjet)