Xerox® Baltoro™ HF Inkjet Press.
Inkonomics Amplified.

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Massive possibilities.
One compact, flexible platform.

Scale up and leap forward with the Xerox® Baltoro™ HF Inkjet Press, the latest innovation in inkjet technology. It's the ultimate platform for printers who dream of doing more. Fast and powerful — with automation, sustainability and scalability unmatched in its class — our new inkjet press has what it takes to maximize your growth. How far will you let it take you? The future awaits. The possibilities are wide open.

HIGH QUALITY, RE-ENGINEERED AND REIMAGINED.

Our flagship inkjet press represents nearly two decades of customer-inspired refinement. A frame, paper path and imaging automation derived from our deep cut-sheet experience mean you can confidently rely on our tech to get things right. Xerox designed, developed and manufactured print head technology that turns out stunning high-resolution results. And an advanced Color Accelerator that takes media reach to a whole new level. Plus, even more powerful AI. Baltoro redefines your capabilities.

ONE PLATFORM. NO ROOM FOR LIMITS.

Moving fast has become second nature. So invest in a platform built to adapt as quickly as needed today and tomorrow. Finishing options such as inline dynamic perf, perfect binding, saddle stitching and punching let you tackle nearly any application. And Baltoro has scalability built in to make more applications inkjet-eligible. Exclusive features like our Black-only mode make it easy to transition everything from mono to highlight color for high-end collateral, postcards and personalized catalogs. Baltoro is designed to fit your needs today, and evolve for tomorrow.

A SMART MACHINE WITH SMARTER "INKONOMICS."

The dynamic duo of ink innovation and automated intelligence brings total cost of ownership to a new low. The Baltoro automatically optimizes and maintains color and image quality without the need to condition media with priming solutions or precoats. This reduces footprint, power consumption, consumables, maintenance and width. And frees money to invest in other areas of your operation as you see fit.

Inkonomics Amplified = More Performance, Savings, Profit.

The incredibly compact and lightweight Baltoro platform packs more performance into its frame than any printer in its class. It also carries the lowest Total Cost of Ownership (TCO), weighing in at half the weight and using one third less power and half the consumables.

SAVINGS AND SUSTAINABILITY BUILT IN.

Sustainability is our way of doing business. Baltoro is no exception. Each press is designed to help preserve our planet while saving you energy and resources:

- A smaller footprint means lower materials and energy consumption in manufacturing with minimal facilities requirements to support it

- Primer-free printing means less drying required which dramatically reduces power consumption. It also means fewer consumables and less waste

- Cost Quality Optimization (CQO) ensures more sustainability with intelligent and optimized ink use

- Iso-targeting of heads during purge cycles minimizes maintenance

- Black-only mode conserves Cyan, Magenta and Yellow ink by uniquely capping the heads during mono printing

- With AI, your last print looks as good as your first — no ruined, wasted sheets, no matter what

DESIGNED WITH YOUR UPTIME IN MIND.

Reliability is the name of the game. From a world-class paper path to micro-purges and our advanced, autonomous AI, Baltoro is one of the most dependable presses on the market, able to change and adjust at the lift of a finger. Nothing stops these presses.

More media.
With one remarkable module.

Meet the Xerox® Color Accelerator. Built to bring out the full potential of High Fusion Ink, this exclusive optional drying and sheet cooling module delivers stunning image quality on an ever-expanding range of offset-coated media. You may not need it today, but when you're ready to take on the world of more demanding graphic arts or brand-sensitive applications, this platform accessory will help you look your best.

REMARKABLE PERFORMANCE COMES STANDARD.

High Fusion Ink is able to bond to paper without any primers or precoats. This lets you print vibrant color, dramatic resolution and all-around brilliant results on a range of media including plain, inkjet treated, inkjet coated and standard offset coated including gloss right out of the box.
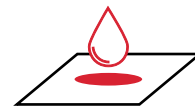
THE POSSIBILITIES ARE BRILLIANT.

With the optional Color Accelerator module and High Fusion Ink, you can choose from an incredible array of offset coated media including glosses, silks, satins, mattes and dulls. All across the full weight range of 60–300 gsm. Push new boundaries, deliver confident inkjet color and add new applications with ultra-modular, ultra-efficient drying.
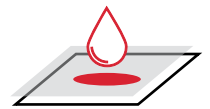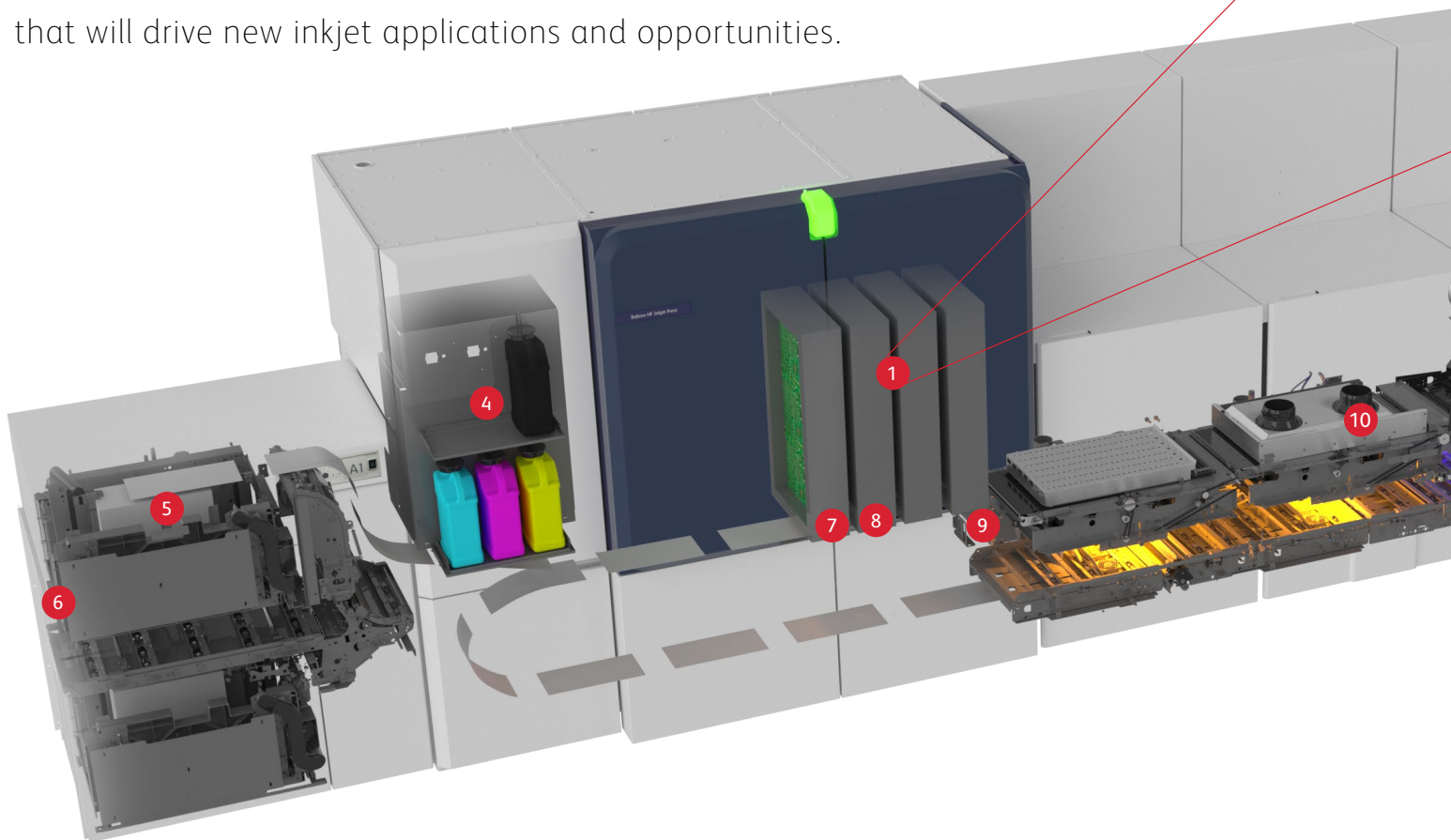
It's time to take inkjet to the next level. With the perfect balance of value, volume and velocity, Baltoro can get you there, with more impact, less ink, less waste and less effort.

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

HF Inks image directly to commonly available coated and uncoated media in real time. No costly precoats or excessive drying times.

Xerox direct-to-media.

The competition media + primer.

Xerox® Baltoro™ HF Inkjet Press

THE INNOVATION ENGINE

The Baltoro HF Inkjet Press unlocks game-changing results with a powerful combination of proven heritage design and new technology innovations. All new Automated Intelligence, a High Fusion Print Engine, extensive feeding and finishing options and easy self-service are just part of a dynamic technology powerhouse that will drive new inkjet applications and opportunities.

5

DESIGNED FOR MEDIA VERSATILITY

Run commonly available coated and inkjet stocks as well as low-cost uncoated media without primers, pre-treatments or coatings.

6

UP TO NINE PICK POINTS

Connect up to four Sheet Feed Modules to the press and liberate true cut-sheet productivity. Add the optional Tecnau SheetFeeder BV for up to five additional hours of continuous productivity.
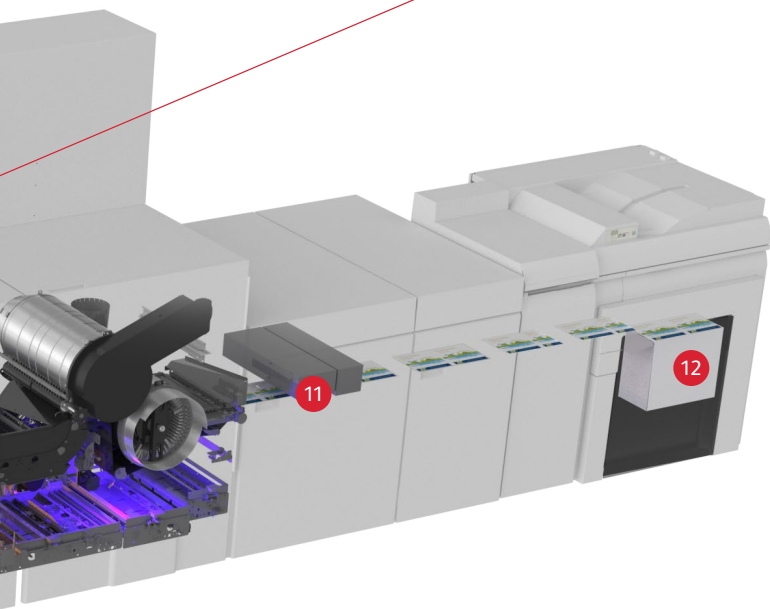
7

UP TO 300 IPM — BUILT RIGHT IN

Turn jobs blazingly fast — up to 300 ipm[2] — with a combination of robust, production-proven technology and automated intelligence.

8

WIDEST PRINT AREA IN ITS CLASS

Deliver more signature quality across more of the page with Xerox-innovated W-Series Print Heads. At up to 13.76"/350 mm, Baltoro unlocks new opportunities for multi-up productivity.

A business-driving balance of quality, productivity and cost starts with the **High Fusion Print Engine** — our innovative combination of advanced technology and intelligent software.

1 HIGH FUSION W-SERIES PRINT HEADS

Optimized for High Fusion inks, Xerox-innovated W-Series Print Heads are true high-definition 1200 x 1200 dpi resolution, delivering high performance and remarkable accuracy.

2 AUTOMATED INTELLIGENCE

Deliver signature image quality via a set of evergreen Advanced Image Controls that monitor, diagnose and perfect images in real-time using technologies such as Intelli-Purge and Clear Pixel Plus.

3 COST QUALITY OPTIMIZATION

Dial in and automate the ideal balance of ink coverage, cost and quality with operator-accessible features on the Xerox® FreeFlow® Print Server that make it easier to meet individual client demands.

4 HIGH FUSION INK

Liberate yourself from costly media with an ink optimized for stunning quality and versatility on a range of in-demand, high-quality media.

13.76"/ 350 mm print area

UP TO
115%
MORE PRODUCTIVE
on legal-sized jobs than other presses in its class.[1]

9 RUN-TIME MISSING JET COMPENSATION

Integrated Full Width Array technology scans a diagnostic page for potential missing jet defects. If detected, surrounding jets are automatically adjusted so they can compensate in real time.

10 COLOR ACCELERATOR

Optional module that expands Baltoro's media range up to 300 gsm / 100# coated cover and enables higher gamut and ink coverage.

11 AUTOMATED COLOR PROFILING

Create color profiles for select media in minutes using the latest X-Rite Inline Spectrophotometer technology. Ensure cost quality optimization from stock to stock, and job to job.

12 MORE FINISHING OPTIONS

Add a second high-capacity unload while run stacker, the new inline Tecnau Dynamic Perforator, or Bourg BB3202 Inline Perfect Binder for new, higher-value applications and enhanced flexibility.

[1] Based on running legal-sized documents, 2-up simplex on 17" x 14" long-edge feed media — a capability unique to Baltoro.
[2] Consult the Xerox® Baltoro HF Tested Substrate List for supported media, weights, speeds and more.

A brilliant machine that makes your work smarter.

With a ferociously capable print engine at its core, Xerox® Baltoro™ HF might be the first press as ambitious as you are. It comes standard with powerful AI that combines with seamless upgradeability — meaning it's just getting started. It's time to do more, better than ever before.

PERFORMANCE RUNS IN THE FAMILY.

Combine a Xerox-developed High Fusion Print Engine and High Fusion W-Series Print Heads with a Xerox® iGen® Press paper path, optimized for high speed inkjet and what do you get? Unmatched innovation delivering up to 300 ipm. Peak accuracy at high frequency. And true HD 1200 x 1200 dpi resolution, making it the widest print area in its class — 13.76"/350mm — for up to twice the productivity of the competition. When these exclusive technologies come together, anything's possible.

SMARTER, MORE EVOLVED AI.

What happens when you make Automated Intelligence (AI) even more intelligent? Our continuous image processing controls help you fine-tune runtime image quality quickly and consistently. It's powered by a Full Width Array to make real-time page adjustments with True Dot precision drop placement, Advanced Missing Jet Detection and Compensation,

Automated Intelligence

Deliver signature image quality via a set of evergreen Advanced Image Controls like anti-aliasing that monitor, diagnose and perfect images in real time.

High Fusion Ink

Liberate yourself from costly media with an ink optimized for stunning quality and versatility on a range of in-demand, high-quality media.

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Visit **xerox.com** to see our full line of offerings and learn more.

performance-tuned waveforms, Runtime Density Optimization, anti-aliasing and automated Image on Paper (IOP) controls for your smartest and sharpest prints ever. All of which come standard with the Baltoro HF, and if you have an existing Baltoro, we'll upgrade you. Either way, it's the quickest path to profitability.

PRIMETIME LOOK WITHOUT PRIMING.

With High Fusion Ink, low-cost, high-performance, offset equivalent printing is completely primer-free, so you can deliver maximum value with minimal costs and no excuse quality.

UNIVERSAL APPEAL. UNIVERSAL EXPANSION.

Glosses, silks, satins, mattes, and dulls. Oh my. With the optional Color Accelerator module, you can get stunning image quality on an ever-expanding range of the most popular, in-demand offset-coated media. For a new universe of applications and opportunities — from direct mail postcards to catalogs and much, much more.
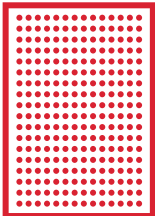
INCREASE YOUR UPTIME WITH INTELLI-PURGE TECHNOLOGY.

Clear Pixel Plus spreads out your purge cycle by performing a series of intelligent, run-time micro-purges throughout your print run. Without unnecessary downtime, you can keep your focus on uptime and more profitable printing.

PICTURE-PERFECT INK DISTRIBUTION.

The only press in its class that allows operators to select drop sizes and get fine-tuned image quality in custom color for every job with Cost Quality Optimization (CQO). CQO delivers simplified color management while it perfectly controls cost, coverage and quality. Create paper profiles, match spot colors and switch from color to mono with unreal ease and unmatched quality.

Optimized K-Only Productivity

Baltoro minimizes costly clean, wipe and purge cycles by uniquely capping C, M and Y heads in seconds. An Executive Black click makes it more cost-effective to print in this mode.
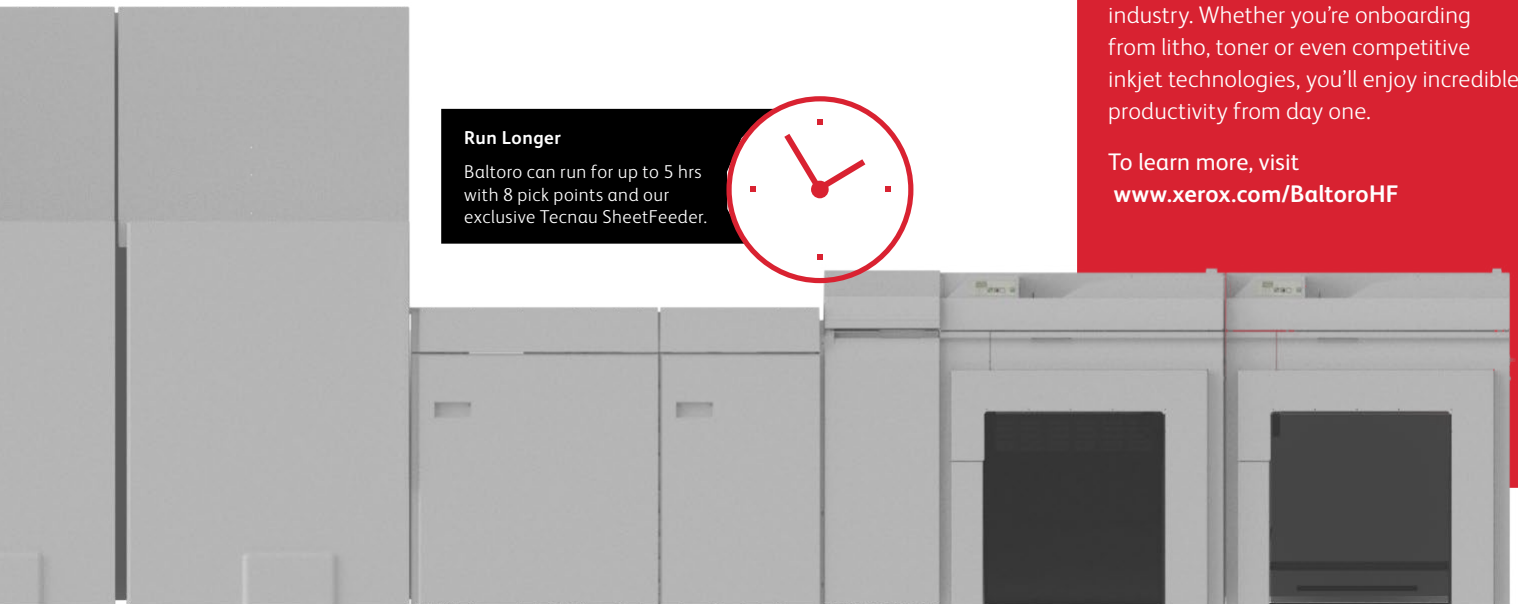
Run Longer

Baltoro can run for up to 5 hrs with 8 pick points and our exclusive Tecnau SheetFeeder.

Ready to make the switch?

Getting started with Xerox® Baltoro HF is easier than you think. Best-in-class automation on and off the press plus advanced color controls give it the fastest onboarding and migration in the industry. Whether you're onboarding from litho, toner or even competitive inkjet technologies, you'll enjoy incredible productivity from day one.

To learn more, visit
 www.xerox.com/BaltoroHF

Xerox® Baltoro™ HF Inkjet Press

PRESS SPECIFICATIONS

Size	22'3.5" x 5'4.5" x 6'9" (W x D x H) / 6.79 m x 1.63 m x 2.06 m (W x D x H)
Weight	6,769 lb (3,070 kg) base configuration

COLOR ACCELERATOR SPECIFICATIONS

Size	6.59' (Length) / 2.01 m (Length)
Weight	1,650 lb (748.4 kg)

PRINT SERVER SPECIFICATIONS

Digital Front End	Xerox® FreeFlow® Print Server
Data Streams	PDF, PDF-VT, IPDS, PostScript, TIFF, JPEG, PPML, VIPP, LCDS

PRINT ENGINE TECHNOLOGY

Print Resolution	True High Definition 1200 x 1200 dpi
Drop Volumes	4.5 pL multi-bit simulation option (small, medium, large, max)
Automated Intelligence	Intelli-Purge, True Dot, Clear Pixel Plus, Auto IoP, Auto Registration, Anti-aliasing
K-Only Mode	Unique option to cap cyan, magenta and yellow heads when printing in black and white
Maximum Image Area	13.76" x 20.25" / (350 mm x 514 mm)

PRODUCTIVITY

Images Per Minute	A4 / 8.5" x 11" / 8.5" x 14" (LEF) – 197 simplex / 270 duplex ipm
	A3 / 11" x 17" – 200 simplex / 300 duplex ipm (2-up)
	Up to 18,000 images per hour

PAPER

Paper Characteristics	Uncoated plain, inkjet treated, offset coated (gloss, silk, satin, matte, dull) paper, tabbed and drilled stock
Paper Weight	60 – 300 gsm (16# bond to 110# cover)
	See the Baltoro Tested Substrate List for the latest supported media

FEEDING / PAPER SUPPLY

Capacity	10" (254 mm) of stock per tray / 2,500 sheets (.004 caliper, 90 gsm)
Feeder Module	Two trays/drawers per Feeder Module
	Maximum of four (4) Feeder Modules/eight (8) paper drawers – total of 20,000 sheet capacity
Optional High Capacity Feeder	
Minimum Sheet Size	7.0" x 10.0" / (177.8 mm x 254 mm)
Maximum Sheet Size	14.33" x 20.5" / (364 mm x 520 mm)
Load While Run	All paper drawers
Optional	Tecnau SheetFeeder BV

FINISHING*

Stacking	**Xerox® Production Stacker**
	– 5,700 sheets stacking capacity
	– Unload while run without interruption
	– Stacks 6.9" x 9.8" LEF to 14.3" x 19.7" (175 mm x 249 mm to 364 mm x 500 mm) sheets
	Optional Second Xerox® Production Stacker
	Multigraf PST-52 Stacker
Booklet Making	**CP Bourg BDFNx / BDFE-x Booklet Maker**
	– 22 sheet capacity with optional corner edge stapling
	CP Bourg BME
	– 30 sheet capacity with optional corner edge stapling
	Watkiss PowerSquare 224
	– Sticking, folding and trimming with optional cover feeder
	– 52 sheets, 6 position staple
Binding	**CP Bourg BB3202 Inline Perfect Binder**
	– Binds from 1 to 60 mm (0.04" to 2.36") with support for EVA or PUR
	Xerox® Tape Binder
	– Binds up to 100 sheets
Dynamic Perforation	**Tecnau TC 1530 Dynamic Perforator**
	– Static, still and dynamic perforations with optional 2D bar code reader
	– Up to 2 horizontal perf cylinders and 4 vertical perf wheels
Punching	**GBC Fusion Punch II**
Sheet Feeding	**CP Bourg BSF**
	– Dual mode sheet feeding

AVERAGE PRINT VOLUME

Recommended	750,000 – 3,000,000 per month
Duty Cycle	6,000,000

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