



KONICA MINOLTA

HIGH SPEED WIDE FORMAT PRINTERS

RETHINK WIDE FORMAT PRINTING



AccurioWide HS Series
HYBRID UV LED WIDE FORMAT INKJET PRINTERS

Giving Shape to Ideas

ACCURIOWIDE 200HS/250HS/320HS

THE NEXT GENERATION IS HERE

The Next Generation of high speed hybrid UV LED wide format printers is here. If you need versatility to tackle a wide range of print jobs, the AccurioWide HS series is a perfect fit for your business. We offer three models for you to select the one that best suits your needs: AccurioWide 200HS with a media width of 2.0 meters, the AccurioWide 250 with a media width of 2.5 meters, or the AccurioWide 320 with a media width of 3.2 meters. The superior image quality and higher productivity for outdoor and indoor job applications will impress your most challenging, quality-minded customers. The printers are equipped with UV LED lamps that allow you to print on a wider range of media, while simultaneously saving energy, time and costs. The 6-color plus white ink configuration offers a larger color gamut, giving you the capability to print those hard-to-hit colors with accuracy and stability. The end result is a versatile printer that helps you increase your job applications — and grow your business.

BUILT FOR RELIABILITY AND PRODUCTIVITY

The AccurioWide printers are engineered for sustained higher workloads with the latest generation of Konica Minolta printheads. UV LED curing offers fast throughput while achieving excellent print quality. You'll be able to maintain high print production with all media types and deliver on time to your most demanding customers. The "borderless" printing feature further enhances your productivity.



AccurioWide 320HS

EXPANDS YOUR RANGE OF JOB APPLICATIONS

The AccurioWide series adds versatility to your business, offering a wide range of print job applications that will improve your profit. It produces top-quality prints on coated and uncoated rigid media, such as corrugated boards, rigid plastics, exhibition panels, stage graphics and advertising panels; as well as on flexible roll media including film, vinyl and paper, banners, canvas and coated textile. It can even be used to print on niche products such as wood, personalized objects or creative architectural and interior décor.

USES UV INKS ON A WIDE RANGE OF SUBSTRATES

By using UV inks and the low heat generated by the LED array, the AccurioWide series enables you to print on a wider range of materials. You'll be able to print on thin heat-sensitive styrene, foils and laminates, coated paper, PET, fluted polypropylene, soft boards and industrial film. Layered printing with color and white ink will give your backlit signage a high-quality look with vibrant colors. AccurioWide Inks has achieved a GREENGUARD GOLD Certification.



EXCEPTIONAL PRINT QUALITY AT ANY SIZE.

The AccurioWide series was designed to provide sign shops, screen printers, photo labs, commercial printers and franchise printers the quality and power they need for wide format applications. The reinforced belt drive and shuttle beam brings highly accurate dot positioning with superior image quality, boosted by the gradient and multilayer functionality.

With ten color printheads with a 12 picoliter droplet, the AccurioWide HS series guarantees strong lines, fine text reproduction of 4 pt positive/6pt negative type, exceptional tonal rendering and low ink consumption. The two white printheads with a 30 picoliter droplet, allows you to print white in multiple modes and layers.

INNOVATIVE UV LED PRINT TECHNOLOGY.

The AccurioWide HS printers are equipped with powerful, air-cooled 16 W/cm² UV LED lamps for the curing process. Not only will you and your customers benefit, but the environment will too:

- LED's are cool to the touch and have minimal heat output, allowing for a broader scope of print applications. Print on heat-sensitive substrates such as thin film, self-adhesive sheets or stretch PVC materials. Limited heat generation produces a very stable bi-directional calibration
- LED lamps are switched on/off instantly, without any degradation of intensity. That means no lamp warm-up time or delay for shutter motion. The result is faster operations with higher productivity
- LED's last for at least 10,000 hours each — possibly as long as five years. They generate a consistent output through that period with no lamp change downtime or consumable lamp costs
- LED's have a maximum energy consumption of 1 kWh per module, lending to significant power savings
- UV LED lamps don't contain mercury — so there's no need for special mercury disposal or hazmat related costs. Also, LED's don't produce ozone gas that needs to be ventilated



AT A GLANCE

AccurioWide HS Hybrid UV LED Wide Format Inkjet Printers

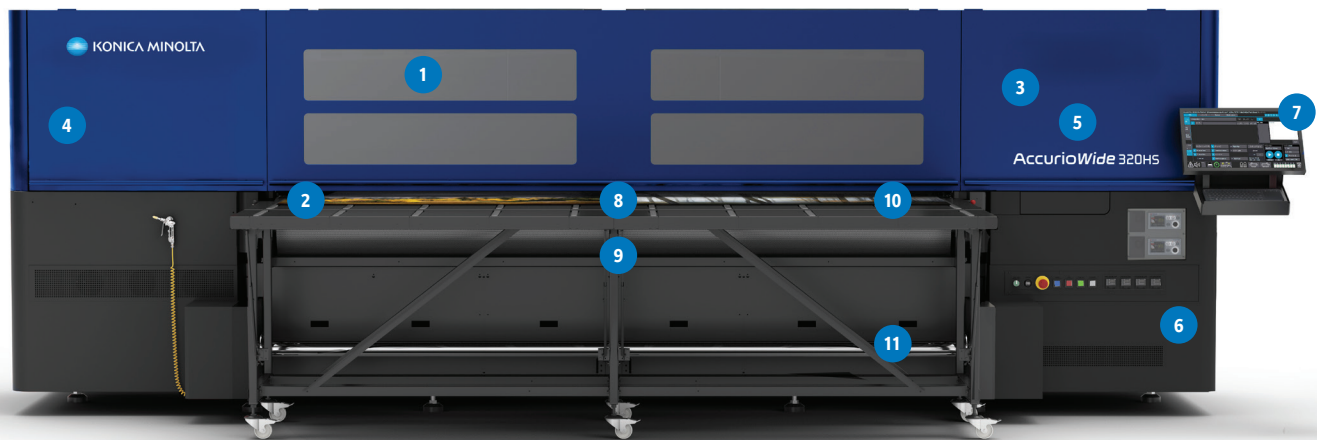


- Capable of printing on rigid and flexible roll material
- Prints up to a maximum width of 3.2m for the AccurioWide 320HS; 2.5m for the AccurioWide 250HS; and 2.0m for the AccurioWide 200HS
- UV LED lamps save time, reduce costs and are environmentally sustainable
- Superior print quality for all speed modes
- Prints on a wide range of substrates
- Media thicknesses up to 1.77" Features Konica Minolta 1024i printheads



BUILT TO PERFORM FOR YOUR CUSTOMERS AND YOUR BOTTOM LINE

The AccurioWide HS series combines state-of-the-art image quality, UV LED technology and high-productivity flexibility. Take a look at how it works:



1. STRONG SHUTTLE BEAM

A reinforced beam ensures seamless movement of the print shuttle, guaranteeing accurate dot placement and superior image quality.

2. FLAWLESS MEDIA HANDLING

The printer guarantees precise media loading with automated functionalities embedded in the GUI, such as the media registration bar and the head height adjustment. A vacuum system intelligently controlled across four zones maintains consistent vacuum levels throughout the printing process, whether printing on flexible or rigid materials.

In addition, the printer is equipped with inflatable air shafts for unwinding and rewinding, complemented by a rewinding tension roller, ensuring excellent material tension and wrinkle-free prints. The carbon-made rear shaft is both lightweight for operator comfort and robust for efficient performance.

3. IONIZER

An ionization bar mounted on the carriage removes electrostatic charges on the substrate, ensuring optimum ink droplet placement.

4. PROTECTIVE CLOSURE

The safety hood covers the print belt and shuttle, eliminating any potential risks of harm to the operators.

5. LED CURING

Powerful air-cooled UV LED lights offer substantial energy savings and are well-suited for heat sensitive materials, thanks to their low-energy output. This makes them ideal for thin film, self-adhesive sheets and stretched PVC materials.

6. SMART INK MANAGEMENT

Throughout production, the automatic ink refill system diligently monitors ink levels. The ink (re) filling system is easily accessible, ensuring a clean refill of ink containers. A fully separate system manages the white ink, overseeing circulation, under-pressure regulation, and cleaning. The white ink tank is equipped with a stirring mechanism, ensuring continuous mixing to maintain optimal ink consistency.

7. USER-FRIENDLY CONTROL PANEL

All printer settings are intuitively organized in a user-friendly graphic interface, accessible via a swivel-arm mounted touch screen. The printer efficiently handles printed files through an internal bitmap server dedicated to ripped images, ensuring rapid spooling and secure transfer of substantial data volumes.

8. MULTIPLE BOARD AND BORDERLESS PRINTING

The continuous board feeding capacity drastically enhances efficiency and productivity when printing rigid materials. While one board is printing, the next one can already be loaded. This automated process is ideal for volume printing of boards, enabling the simultaneous printing of up to four boards.

9. SMALL AND LARGE MEDIA TABLES

The AccurioWide 320HS/250HS/200HS comes standard with a set of short tables. As an option, a set of large extension media tables is offered to allow printing on large rigid materials up to a length of 10.5' (for 3.2m).

10. MEDIA GUIDES

The optional corrugated media guides ensure precision and reliability when feeding and printing on corrugated cardboard or other difficult media, enabling printers to confidently tackle packaging and point-of-sale applications. These optional guides allow the printers to operate seamlessly across a broader range of media types.

11. ROLL-TO-ROLL PRINTING

The HS Series features seamless roll-to-roll printing with an automatic media tension control system that adjusts speed and torque for optimal performance. The AccurioWide 320HS can change from single roll to dual roll capability simply by changing the roll axles.



SUPERIOR QUALITY PRINTS START WITH KONICA MINOLTA UV-CURABLE INKS

The AccurioWide HS series uses high performance UV inks recognized for the lowest ink consumption per square meter on the market. Its “Thin Ink Layer Technology” is a patented pigment dispersion technology specifically designed for UV inks.

It guarantees high color density and ink stability that contributes to a long ink shelf life, when stored under normal conditions.

RICHER. BOLDER. BROADER. OUR UV INKS ARE FIRST-IN-CLASS

- Instantly dry due to the UV LED lights and can be handled immediately
- Superior adhesion
- Abrasion and chemical resistant
- Outstanding consistency and reliability
- No need for evaporation or special layers on media
- No VOC emissions

ADVANCED WHITE PRINTING

The AccurioWide HS series fully supports white layered printing in pre-white, postwhite and sandwiched white modes. The constant stirring and circulation flow along the entire ink line to the temperature controlled printheads limits the risk of ink resettling and lines becoming blocked or clogged.

KONICA MINOLTA PRINTHEADS

Equipped with the KM1024i series printhead, a high-speed 1,024-nozzle inkjet printhead, the AccurioWide HS series provides greater richness of gradients and high-definition image quality. Our technology enables simultaneous emission from all 1,024 nozzles with a high-density structure featuring four lines of 256 nozzles aligned with high precision enhancing position accuracy.



INNOVATION THAT PUTS OUR PLANET FIRST

Protecting the planet has always been a top priority at Konica Minolta. Our environmental initiatives will help you realize yours. Through EcoVision 2050, we’ve committed to a mid-century goal of reducing CO₂ emissions by 88% over 2005 levels, minimizing greenhouse gases that may contribute to global warming.

The AccurioWide series uses UV ink, which has no VOCs. As Hybrid printers, they can print on both rigid and flexible materials. Its UV LED lamps use very low heat, and are only on when in use, greatly reducing power consumption. Our KM1024i inkjet printhead reduces the amount of petroleum-derived resources used by approximately one-third from previous versions.



Asanti

THE HIGH-PERFORMANCE WORKFLOW SOLUTION THAT MEETS ALL YOUR NEEDS

This powerfully advanced, fully automated and scalable workflow solution controls the entire printing process, from prepress to production to finishing. Asanti focuses on automation, enhanced image quality, and sustainability.

AUTOMATION & WORKFLOW

Asanti automatically checks PDF files for potential errors, ensuring the file is 'print-ready' and reducing the needs for manual intervention. Intelligent job handling gives you faster turnaround with minimal manual touch-points. Automated adjustments includes tools for smart 'nesting' to optimize media and ink consumption. Other features are in RIP rendering of Adobe Illustrator, InDesign, and Photoshop files as well as the ability to merge variable data directly in the RIP for track and trace requirements. It can also generate bleeds and white masks. Asanti seamlessly integrates AccurioWide printers, other third-party wide format, web-to-print platforms, and MIS/ERP systems.

COLOR MANAGEMENT & QUALITY

Asanti has achieved G7 Systems Certification, which ensures consistent color reproductions across different printing processes and medias. Smart Input Space Recognition (SISR) ensures high quality results even when PDF files are delivered in an undefined color space. Intuitive GUI easy-to-use graphical user interface (GUI) improves job layout and visualization, allowing operators to see exactly what they are printing and quickly apply any last minute changes. Asanti's integrated color management wizard ensures consistent and accurate color quality with minimal effort. It also handles spot color emulation.

SUSTAINABILITY & EFFICIENCY

Asanti integrates with Dataline's MultiPress MIS/ERP system to calculate the carbon footprint of print jobs, helping businesses track and minimize their environmental impact. Ink and media is optimized through smart algorithms and to feature 'Thin Ink Layer' technology to reduce ink consumption and ink costs. Automated pre-flighting and intelligent job nesting also help minimize media waste. Media recipes helps standardize material handling and reduce manual errors and excess consumption.

PRODUCTION DASHBOARD

A browser-based capability to provide real-time job insights. Ink & media consumption is calculated; giving you accurate job estimation information before printing occurs.

MANAGES COLOR

Asanti's integrated color management wizard ensures consistent and accurate color quality with minimal effort. It also handles spot color emulation taking the guesswork out of managing color — and get reliable, predictable results and color fidelity performance. The Asanti Workflow features full compatibility with pre-determined ICC profiles, offers the ability to generate customer profiles and convenient proofing support.

INTELLITUNE

IntelliTune automatically analyzes and improves image quality. It eliminates noise, bitmapping and blurriness — and also optimizes skin tones.

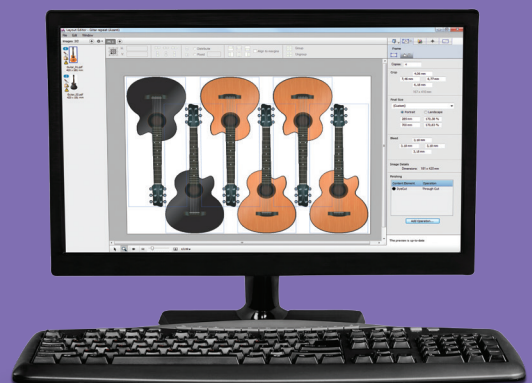


IMAGE NESTING SCREEN

FULLY CAPABLE OF PRINTING ALMOST ANYTHING

The AccurioWide series is built for impact. The inkjet-based technology delivers high-impression content on almost any substrate, with media thickness up to 1.77". Plus it's a workhorse, able to sustain the heaviest workloads to keep your business growing and profitable.



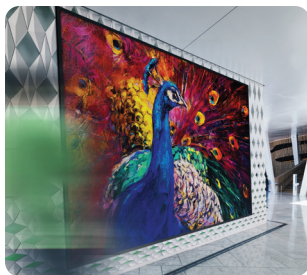
SIGNAGE

The phenomenal quality you demand, at the size you need for both indoor and outdoor signage. Eye-popping color for your backlit signs, billboards and banners. Seamless print support helps with billboards and other large graphics.



VEHICLE GRAPHICS

Offer clients the ability to personalize one vehicle or a fleet with head-turning custom vehicle graphics that are easy to apply.



ART, PHOTOGRAPHS AND MURALS

Exceptional image quality makes the AccurioWide ideal for reproducing photography and art graphics, including printing on textured canvas or glass. It also can be excellent for trade show and stage set design.



BANNERS

AccurioWide ensures your vinyl or textile banners have plenty of wow factor. Banner printing is easy and quick.



WINDOW CLINGS AND FLOOR GRAPHICS

The AccurioWide is ideal for printing on flexible materials, such as thin film, self-adhesive sheets and stretched PVC materials. The air-cooled UV LED lamps have minimal heat output and also provide energy savings.



YARD SIGNS AND CORRUGATED SUBSTRATES

For more durable applications, the AccurioWide's versatility goes beyond normal printing, handling applications that require strength. Thickness can vary from .04" to 1.77".



INDUSTRIAL LABELS

Combining exceptional quality and durability, the AccurioWide is built to print safety and regulatory-compliant signs and labels, including hazard communication, pipe marking, equipment panels, facility and safety ID and more. Tough enough to use on electrical transformers, outdoor equipment, construction sites, bridges and road construction.



OBJECT PRINTING

Printing has gone way beyond paper. The AccurioWide has as well, allowing you to print directly on a wide range of substrates — print wood, metal, glass and PVC to create unique graphic treatments. Substrate thickness can vary from .04" to 1.77".

AccurioWide HS Series

HYBRID UV LED WIDE FORMAT INKJET PRINTERS

PRINTING SPECIFICATIONS – RIGID MEDIA

	ACCURIOWIDE 200HS	ACCURIOWIDE 250HS	ACCURIOWIDE 320HS
Max. width	80.7" (205 cm) 79.5" (202 cm) w/borderless prtgt	98.5" (250 cm) 97.2" (247 cm) w/borderless prtgt	126" (320 cm) 124" (316 cm) w/borderless prtgt
Max. length	Supported by 1 rigid roller table: 55" (140cm) Supported by 1 rigid roller table + media etesion table (option): 126" (320cm)		
Thickness	Minimum Thickness: 0.04" (1 mm) Maximum Thickness: 1.77" (45 mm)		

PRINTING SPECIFICATIONS – FLEXIBLE MEDIA

	ACCURIOWIDE 200HS	ACCURIOWIDE 250HS	ACCURIOWIDE 320HS
Max. width	80.7" (205 cm)	98.5" (250 cm)	126" (320 cm)
Min. thickness	0.08" (0.2 mm)	0.08" (0.2 mm)	0.08" (0.2 mm)

PRINT SPEED

	ACCURIOWIDE 200HS	ACCURIOWIDE 250HS	ACCURIOWIDE 320HS
Draft mode	Up to 1,432 ft ² /hr (133 m ² /hr)	Up to 1,819 ft ² /hr (169 m ² /hr)	Up to 2,067 ft ² /hr (192 m ² /hr)
Express mode	Up to 1,023 ft ² /hr (95 m ² /hr)	Up to 1,238 ft ² /hr (115 m ² /hr)	Up to 1,399 ft ² /hr (130 m ² /hr)
Production mode	Up to 517 ft ² /hr (48 m ² /hr)	Up to 635 ft ² /hr (59 m ² /hr)	Up to 710 ft ² /hr (66 m ² /hr)
Standard mode	Up to 280 ft ² /hr (26 m ² /hr)	Up to 334 ft ² /hr (31 m ² /hr)	Up to 377 ft ² /hr (35 m ² /hr)
High-quality mode	Up to 161 ft ² /hr (15 m ² /hr)	Up to 194 ft ² /hr (18 m ² /hr)	Up to 194 ft ² /hr (18 m ² /hr)

PRINTHEADS AND INK

	ACCURIOWIDE 200HS	ACCURIOWIDE 250HS	ACCURIOWIDE 320HS
Printheads	KM1024i printheads	KM1024i printheads	KM1024i printheads
UV ink channels	C,M,Y,K,Lc,Lm + 2 white	C,M,Y,K,Lc,Lm + 2 white	C,M,Y,K,Lc,Lm + 2 white

*ACCURIOWIDE INK has achieved GREENGUARD GOLD certification.

GRRENGUARD Certified products are certified to UL standards for low chemical emissions into indoor air during product usage.

For more information, visit: ul.com/gg.

IMAGE AND TEXT QUALITY

High quality	Up to 720 x 1,440 dpi
Text quality	Positive: 4 points Negative: 6 points

ENGINE DIMENSIONS AND WEIGHT

	ACCURIOWIDE 200HS	ACCURIOWIDE 250HS	ACCURIOWIDE 320HS
Main unit dimensions (H x W x D)	78" x 179" x 66" (199 x 455 x 169 cm)	78" x 201" x 76" (199 x 510 x 193 cm)	78" x 228" x 83" (199 x 581 x 208 cm)
Main unit weight	5,842 lb (2,650 kg)	6,944 lb (3,150 kg)	8,378 lb (3,800 kg)

¹Without swivel arm.

SYSTEM INTEGRATION RIP/ WORKFLOW SOFTWARE

Integrated production solution with Asanti RIP Workflow

EXTENSION TABLES

	Optional:	Optional:	Included:
Large extension tables (H x W x D)	2 tables per set Folded: 41.7" x 66.3" x 31.5" (106.7 x 168.5 x 79.9 cm) Unfolded: 41.7" x 66.3" x 71.6" (106.7 x 168.5 x 181.9 cm) Weight: 132 lb (60 kg) each table	2 tables per set Folded: 42.1" x 85.8" x 39" (107 x 218 x 99 cm) Unfolded: 42.1" x 85.8" x 72.8" (107 x 218 x 185 cm) Weight: 132 lb (60 kg) each table	2 tables per set Folded: 42.1" x 108" x 39" (106.93 x 274.32 x 99.06 cm) Unfolded: 42.1" x 108" x 72.8" (106.93 x 274.32 x 184.91 cm) Weight: 132 lb (60 kg) each table

ASANTI

Asanti Hardware Server	Intel Core Ultra 7 265 CPU 5 .30 GHz Max Turbo Frequency 20 cores (8 P Cores / 12 E Cores) 32 GB DDR4 5600GHz memory 1.9 TB Kingston Enterprise SSD 480 GB Kingston Enterprise SSD
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For complete information on Konica Minolta products and solutions, please visit: CountOnKonicaMinolta.com

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PARTNERSHIP

Konica Minolta can help give shape to your ideas and partner with you to achieve your corporate objectives. Contact us to realize opportunities in:

INFORMATION MANAGEMENT

Intelligent Information Management (IIM)
Document Management
Automated Workflow Solutions
Business Process Automation
Security and Compliance
Mobility

IT SERVICES

Application Services
Cloud Services
IT Security
Managed IT Services
IT Consulting & Projects
Business Consulting Services

TECHNOLOGY

Office Multifunction Business Solutions
Commercial and Production Printers
Wide Format Printers
Laptops, Desktops and Computer Hardware
Servers and Networking Equipment
Managed Print Services (MPS)
Managed Enterprise Services



KONICA MINOLTA

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