



InterioJet series

Highly efficient inkjet printing solutions for laminated surfaces

The InterioJet series consists of multi-pass, water-based inkjet systems for printing on décor paper used for decoration, such as laminate floors and furniture.

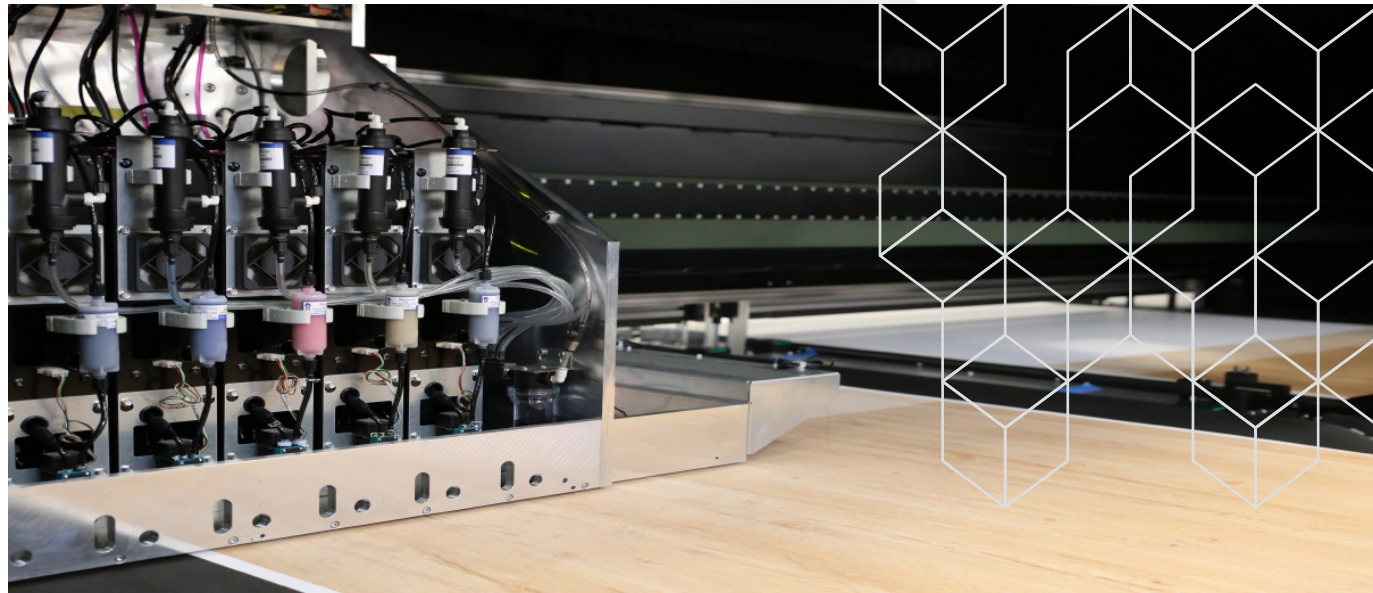
THINK **INKJET**
THINK **AGFA**



New business enabler

The InterioJet series **accelerates the adoption of digital printing** in the laminated surface market, as it consists of **cost-efficient printing solutions for short to medium production runs**.

The InterioJet presses combine a speedy start-up with a high degree of versatility, enabling laminate panel makers to print short or medium runs in house. They also enable gravure printers to switch from analog to digital production, and meet the decoration market's demand for **just-in-time delivery and customized designs**. At the same time, these digital solutions also let them lower their stocks and thus working capital.



The power of InterioJet

- Cost-efficient solutions for short and medium laminate décor production runs
- Complex patterns and fully customized prints. No limits to designer creativity
- Brilliant and consistent print quality matching the laminate industry's color profiles
- Engineered for productivity and ease of use
- Print production can be combined effortlessly with various impregnation and lamination processes

Robust and reliable

Built on Agfa's award-winning printing platforms, the InterioJet 3300i can print on **two rolls** at a time –each with a width of up to 1570 mm and a weight of up to 700 kg. The InterioJet 2250i can print on a single roll with a width of up to 2250 mm and a weight of up to 1200 kg.

Unlimited designs

The InterioJet presses surpass the limitations of gravure printing, as they are not limited by cylinder length or ink kitchen – thus allowing for the printing of **multiple designs** and **non-repetitive patterns**. They let you print **different, customized designs for every single order**.



Why Agfa

The Agfa Group is a leading company in imaging technology and IT solutions with over 150 years of experience.

The Group holds three divisions, one of which is Digital Print & Chemicals, which empowers graphic printing and goods-producing industries to be more versatile and (cost)efficient through innovative inkjet printing technology.

Every Agfa inkjet system builds on decades of experience in developing and manufacturing integrated solutions. Our unique system approach aligns engine, inks, media, workflow and color management software to ensure the highest print quality and a consistent and reliable production process from start to finish.



State-of-the-art print quality

The InterioJet presses achieve brilliant and consistent print quality. They excel through their **superior contrast** and **sharpness**, with **saturation matching typical decorative industry colors**.

Low cost of ownership

With the InterioJet presses, laminated surface suppliers now have a cost-efficient solution that integrates **proofing, medium and short production runs in one single system**. Compared to the conventional analog printing methods such as gravure, or to single-pass inkjet printing systems, the investment cost of an InterioJet is very attractive.

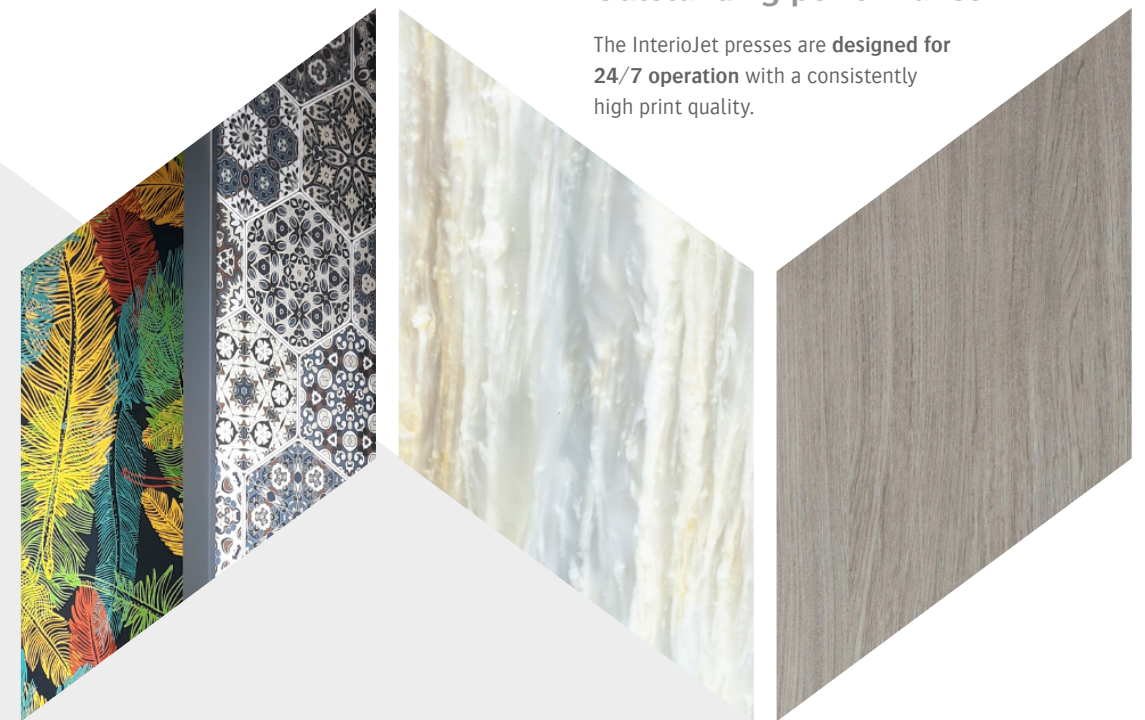
On top of that, the InterioJet presses stand out through their combination of high print quality and **low ink consumption**. The latter results from the inks' high color strength along with smart ink saving algorithms and low printer maintenance requirements.

Efficient and easy to use

The heavy-duty lifting system helps the operator to **easily load rolls**. The automatic maintenance system ensures that the engine is **always ready to start printing** right away. On the output side, a rewinding system with brush rollers guarantees the **wrinkle-free rewinding** of the printed decor paper. Thanks to the **automatic maintenance unit**, operators don't need to get their hands dirty. The **intuitive GUI** provides details about job status and ink levels. It also alerts operators when maintenance is required so that the engine's performance is always up to standard.

Outstanding performance

The InterioJet presses are **designed for 24/7 operation** with a consistently high print quality.



World-class training and support, anywhere you need it

When buying an Agfa solution, your operators will get trained directly by Agfa. The Agfa certified training module lets them master the system and gain a thorough understanding of the applications in no time.

Do you have a question, or did you run into an issue? Our experienced service technicians and application experts throughout the globe are there to help.



Great features for top-notch print quality and ease of use



INTUITIVE USER INTERFACE

The advanced software design – which is integrated with Agfa’s Asanti workflow for bi-directional communication – provides a layout preview as well as details about the status of the jobs, ink levels, settings and required maintenance. Managing the printing queue is easy and even last-minute changes are possible.

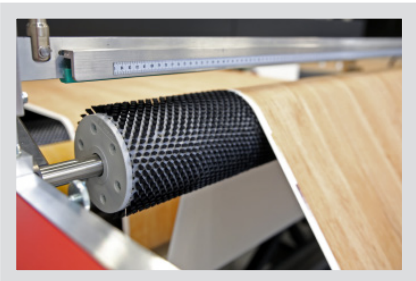
AUTOMATIC MAINTENANCE UNIT

The automatic print head cleaning ensures consistent operation.



STATE-OF-THE-ART PRINT HEAD SHUTTLE

The print head shuttle is equipped with state-of-the-art print heads, and safety sensors to prevent collisions. Its highly precise and smooth movement allows for accurate drop positioning.



BRUSH ROLLERS

The media handling module uses brush and nip rollers to assure wrinkle-free rewinding.



MEDIA TRANSPORT CONTROL

The operator can control the vacuum and rolls with an easy-to-use foot pedal.



ERGONOMIC INK SUPPLY SYSTEM

Large containers allow for long uninterrupted printing. The RFID tags guide the operator to refill the ink tank correctly. Refilling can be done during production.



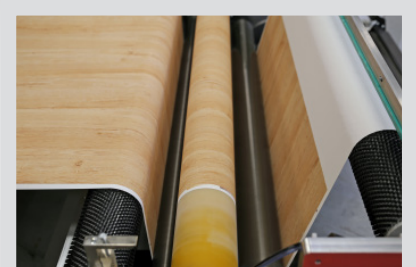
CARBON INFRARED DRYER

A movable infrared heating station efficiently controls the media moisture content in accordance with industrial standards.



SINGLE-LANE or DUAL-LANE PRODUCTION

The InterioJet 2250i prints on a single roll of up to 2250 mm at a speed of up to 336 m²/h. The InterioJet 3300i features dual-lane production up to 340 m²/h, enabling the printing of different designs or run lengths in parallel.



SECTIONED TENSION ZONES

Tension of the media is dynamically controlled to avoid any deformation of the décor paper during the printing process, as well as to assure tight and straight rewinding.

WATER-BASED PIGMENT INKS

The highly pigmented water-based inks (CRYK1k) with Agfa’s uniquely formulated red ink minimize metamerism and are a great fit for the standard lamination processes.

Matched water-based inks

Following Agfa's matched components' approach – which ensures the accurate alignment of printing systems, workflow software and inks – we developed dedicated water-based pigment inks for the InterioJet.

Consistent and reliable

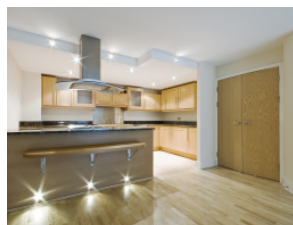
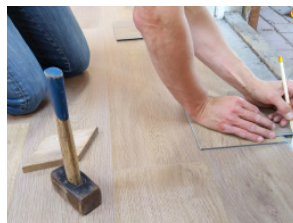
These **eco-friendly** inks have been designed for high printing resolutions. They are **lightfast** and use the same pigments as analog décor printing to deliver **minimal metamerism**. The patented method which replaces the magenta pigment with a red pigment ensures that the InterioJet matches the wood decors made with gravure printing. On top of that, the InterioJet inks offer **high color constancy**, so that there will only be limited color differences observable when viewed under different light sources.

The InterioJet inks are characterized by their **excellent jetting reliability**, which ensures precise dot placement and blockage-free nozzles at all times. In addition, the inks' **batch-to-batch consistency** is excellent, and they have a **long shelf life**.

Fully compatible with industrial laminate production

The InterioJet inks have been specifically designed to **match the requirements of the standard melamine impregnation and lamination processes** used in flooring and furniture production.

Find out more about Agfa's water-based inks



Powered by Asanti workflow software

The InterioJet is driven by Agfa's Asanti workflow software, which adds to the system's performance and productivity by controlling, simplifying and automating the entire printing process from prepress to finishing. Asanti's comprehensive integration of file handling, color management and preflighting guarantees smooth, error-free jobs.

Tuned to décor image rendering

The **InterioJet Enhancer** is an Asanti module that was specifically designed for décor printing and features special imaging algorithms to optimize décor images and to ensure cross-technology color management. Additional renders enable the simultaneous processing of multiple large files.



Color management

Color accuracy is provided by the ingenious yet easy-to-use color management. Using the **Calibrated Print Mode** feature, new media can be calibrated and profiled in less than 15 minutes, after which the new profiles can be used to guarantee print quality.

Keeping ink consumption low

Asanti's smart imaging algorithms help to limit your ink consumption, and consequently, to reduce your costs and environmental footprint.

Insight in your production

The web-based **Asanti Production Dashboard** provides you with a near real-time insight in your running production. By summarizing the jobs and reporting on print quantities, media usage, and ink volumes, it lets you manage your production optimally.

Easy file sharing

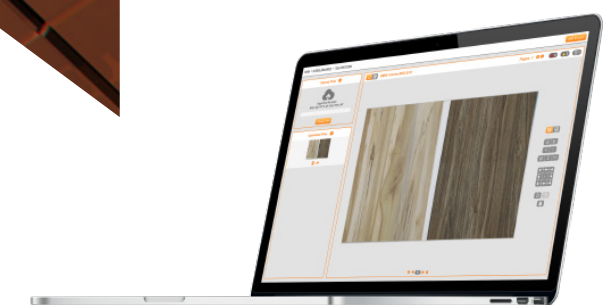
The InterioJet easily integrates with cloud-based **PrintSphere**, which allows printing companies to automate their workflows, to simplify and accelerate file sharing, and to collaborate effortlessly with customers – while maintaining secure and safe data transfer and storage.

Third-party connectivity

Asanti effortlessly handshakes with non-Agfa (CAD/CAM) software modules used in the décor printing industry to match gravure prints as closely as possible.

Partnering with the laminate industry

When developing the InterioJet, we not only tuned the ink, printer, and software perfectly to each other, but we also closely cooperated with industry partners to ensure that the printer fully matches the specific requirements of the end products and fits in seamlessly with the existing (analog) industrial laminate manufacturing processes.



Web-to-print option: 24/7 online ordering

The InterioJet can be complemented by Agfa's comprehensive web-to-print service. As a cloud-based web-to-print solution, **Asanti StoreFront** will help you expand your customer base and increase your revenue. Automated payment processing and error-free print preparation ensure that new jobs are ready for printing in no time and with a minimum of operator intervention.



Technical specifications

Models	InterioJet 2250i	InterioJet 3300i
PRINTING TECHNOLOGY		
Print technology	Digital inkjet printer	
Print head technology	Piezo	
Print resolution	635 x 1200 dpi	
Heating technology	CIR heating	
Jumbo roll-to-roll	Single lane	Independent dual-lane
MEDIA SPECIFICATIONS		
Media types	Digital decor paper, coated base paper or base paper treated with primer	
Media width	800-2250 mm (31.50-88.58")	610-1570 mm (24.02-61.81")
Roll core size	3" (optional 6")	
Maximum outside roll diameter	850 mm (33.46")	
Maximum coil weight	1200 kg (2645.55 lb)	700 kg (1543.24 lb)
Media thickness	70-95 g/m ² (0.23- 0.31 oz/ft ²)	
PRODUCTIVITY		
Single lane	336 m ² /h (3616.67 ft ² /h)	
Dual lane		340 m ² /h (3660 ft ² /h)
INK & PRIMER		
Ink technology	Water-based pigment ink	
Ink set	Cyan, Red, Yellow, Black, Light Black (CRYKLk)	
Lightfastness	Blue Wool Scale 7	
Primer	Water-based primer	

Models	InterioJet 2250i	InterioJet 3300i
ENGINE DIMENSIONS & WEIGHT		
System dimensions (unwinder + printer + dryer + rewinder) (W x D x H)	7.4 x 7.5 x 2.5 m (24.28 x 24.61 x 8.20 ft)	8.5 x 7.5 x 2.5 m (27.89 x 24.61 x 8.20 ft)
System weight	8663 kg (19,099 lb)	10,400 kg (22,928 lb)
ENVIRONMENT CONDITIONS FOR QUALITY PRODUCTION		
Temperature	18-26°C (64-79°F)	
Relative humidity	35-75%	
Pollution degree	II or better	
POWER		
Printer	3-phase + earth (no neutral) 400 V or 480 V 50/60 Hz Maximum current 26 A	
Inline dryer	3-phase + earth 400 V or 480 V 50/60 Hz Maximum current 32 A	
Jumbo roll-to-roll	3-phase + earth 400 V or 480 V 50/60 Hz Maximum current roll-to-roll input side 3 A Maximum current roll-to-roll output side 3 A	
SYSTEM INTEGRATION RIP/WORKFLOW SOFTWARE		
End-to-end workflow	Asanti Production décor & laminates special deco plug-in	
Color management	Built-in Agfa color management module	
Web-to-print (option)	Asanti StoreFront cloud-based front to back and e-commerce tool PrintSphere cloud-based artwork, design library tool	
CERTIFICATES		
CE and NRTL approved		

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