4-color & 6-color version

JETI TAURO H3300 LED

Highly productive UV LED
wide-format inkjet printer for rigid
and flexible media

The Jeti Tauro H3300 LED relies on UV LED curing to offer you a combination of vivid four or six color high-quality prints (plus white or primer) up to 3.3 m wide, extreme productivity up to 453 m²/h, and cutting-edge automation.

AGFA *Agfa*

Jeti Tauro H3300 LED

Hybrid UV LED 3.3 m wide-format inkjet printer.
Sturdy, reliable, and highly productive.

Excel in combining award-winning image quality, low ink consumption and productivity. With the Jeti Tauro H3300 LED, you will produce lively UV-cured prints up to 3.3 m wide at up to 453 m2/h. This hybrid printer comes in a four-color and a six-color version, and can be deployed in six configurations, ranging from manual to fully automatic, while also tackling roll printing, be it in a master roll or a light version.

Heavy-duty robustness

In the Jeti Tauro H3300 LED, you'll find a heavy-duty hybrid printer, ruggedly built to easily handle extreme workloads, multiple shift operation and 24/7 printing. Suited for a variety of rigid and flexible substrates up to 3.3 m wide, this hybrid revelation offers you countless options to create eye-catching large-format prints.
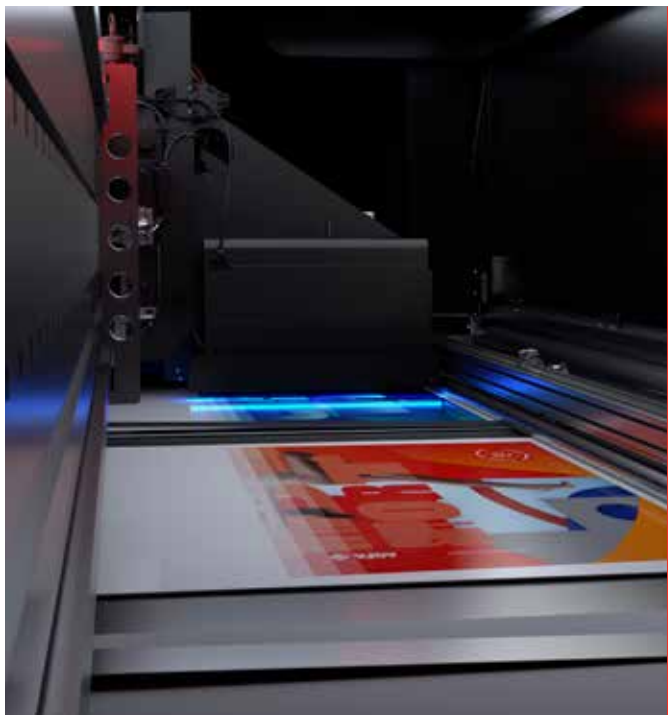
Transform your productivity

The Jeti Tauro H3300 LED features up to 60 fast-firing Ricoh inkjet print heads – 48 of which print in color, and 12 of which are dedicated to white and/or primer printing. Add to that Agfa's signature UV LED-curable inks and Agfa's print process know how and you have the perfect combination of productivity and quality. This flagship printer also throws in several automation options. While the four-color version excels in productivity, reaching sellable production quality in three passes, the six-color version is top notch when it comes to print quality.

Extremely vivid prints

Whatever you are creating, the Jeti Tauro H3300 LED produces detailed, vibrant results every time. While its 7-picoliter print heads guarantee an outstanding resolution of 635 x 1200 dpi in all print modes, the ink-saving algorithms embedded in Asanti ensure the lowest ink consumption. The 4-color version is CMYK. The 6-color model includes light black (CMYKLcLk), guaranteeing a perfect neutral gray balance over the total tonal range.

Saving time, money and the environment with LED UV-curing

Relying 100% on fast UV LED curing, the Jeti Tauro H3300 LED comes with a number of economic and ecological benefits:

- LEDs have minimal heat output, allowing for printing on heat-sensitive substrates such as self-adhesive sheets or stretched PVC materials. Limited heat generation also enables very stable calibration.

- LED lamps can be switched on and off instantly, without any degradation of intensity. The result? Faster operations and higher productivity.

- LEDs last for at least 10,000 hours, generating a consistent UV output throughout. This guarantees consistent ink curing, hence consistent image quality.

- LEDs have a low energy consumption.

- There are no mercury disposal costs with UV LED lamps. Also, LEDs don't produce ozone gas that needs to be extracted by ventilation.

Wide range of applications

A versatile hybrid printer, the Jeti Tauro H3300 LED prints on a wide variety of media suited for banners, posters, signage (e.g. traffic or industrial information), exhibit graphics, POP, mockups, backlit, front-lit, self-adhesives (labels), etc. It can also be used for niche applications such as wood, art reproductions, glass, architectural and interior decoration and more.
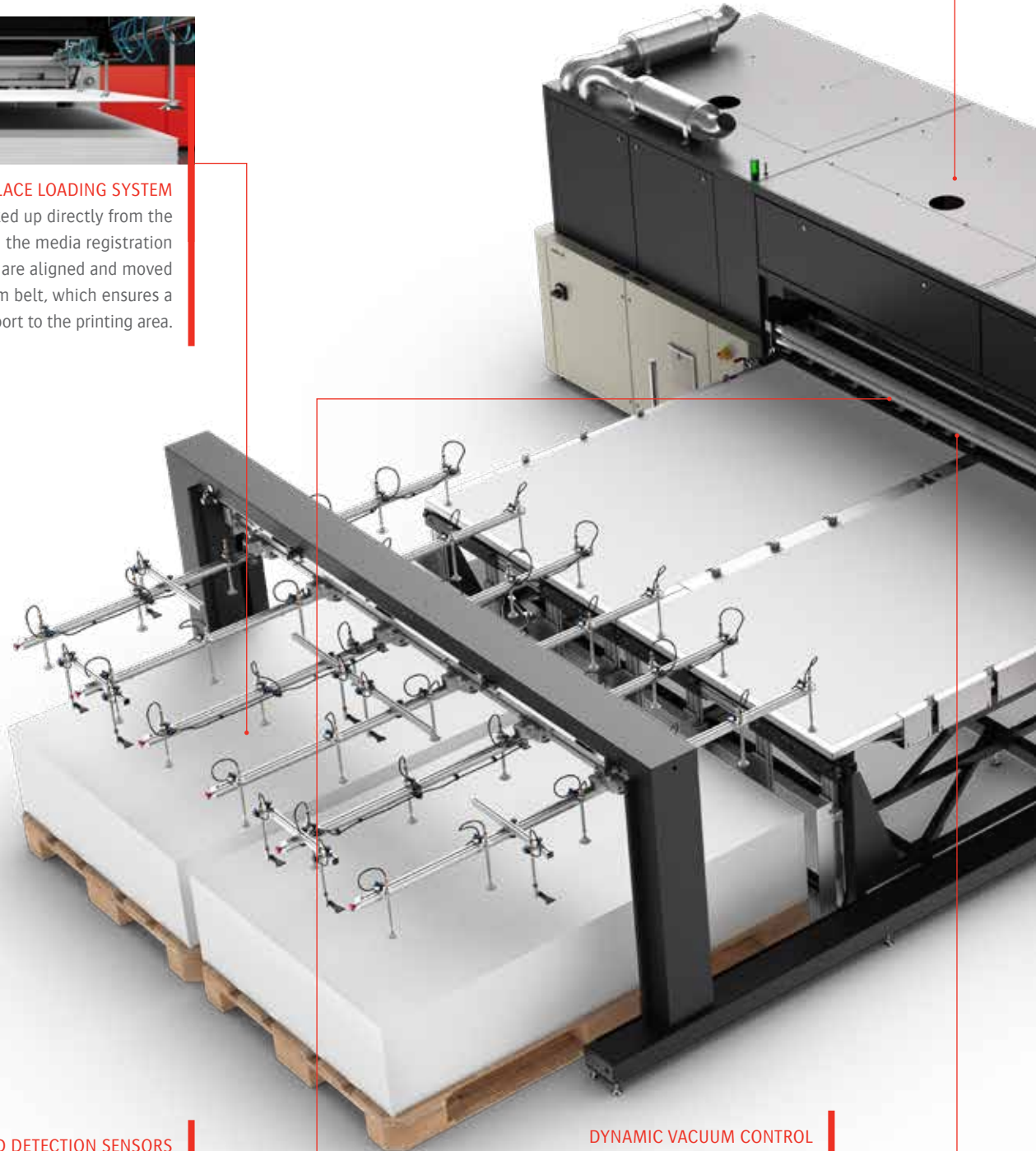
Jeti Tauro H3300 LED
Full automation

RIGID BOARD PRINTING
Continuous, fully automated board printing up to 3.3 m wide in up to four lanes.

UV LED PRINTING
Air-cooled UV LED-curing lamps are energy-efficient and enable printing on thin heat-sensitive media. They offer major advantages in terms of performance, maintenance, the environment — and overall ROI.

PICK & PLACE LOADING SYSTEM
Board or sheets are picked up directly from the pallet(s) and placed on the media registration table. There, they are aligned and moved towards the vacuum belt, which ensures a smooth and precise transport to the printing area.

BOARD DETECTION SENSORS
Four media sensors automatically detect whether boards or sheets have been placed, in order to avoid accidental printing on the transport belt.

DYNAMIC VACUUM CONTROL
The dual-section vacuum system ensures that the printing process runs smoothly and efficiently. Precise dot positioning and accurate media transport are guaranteed.
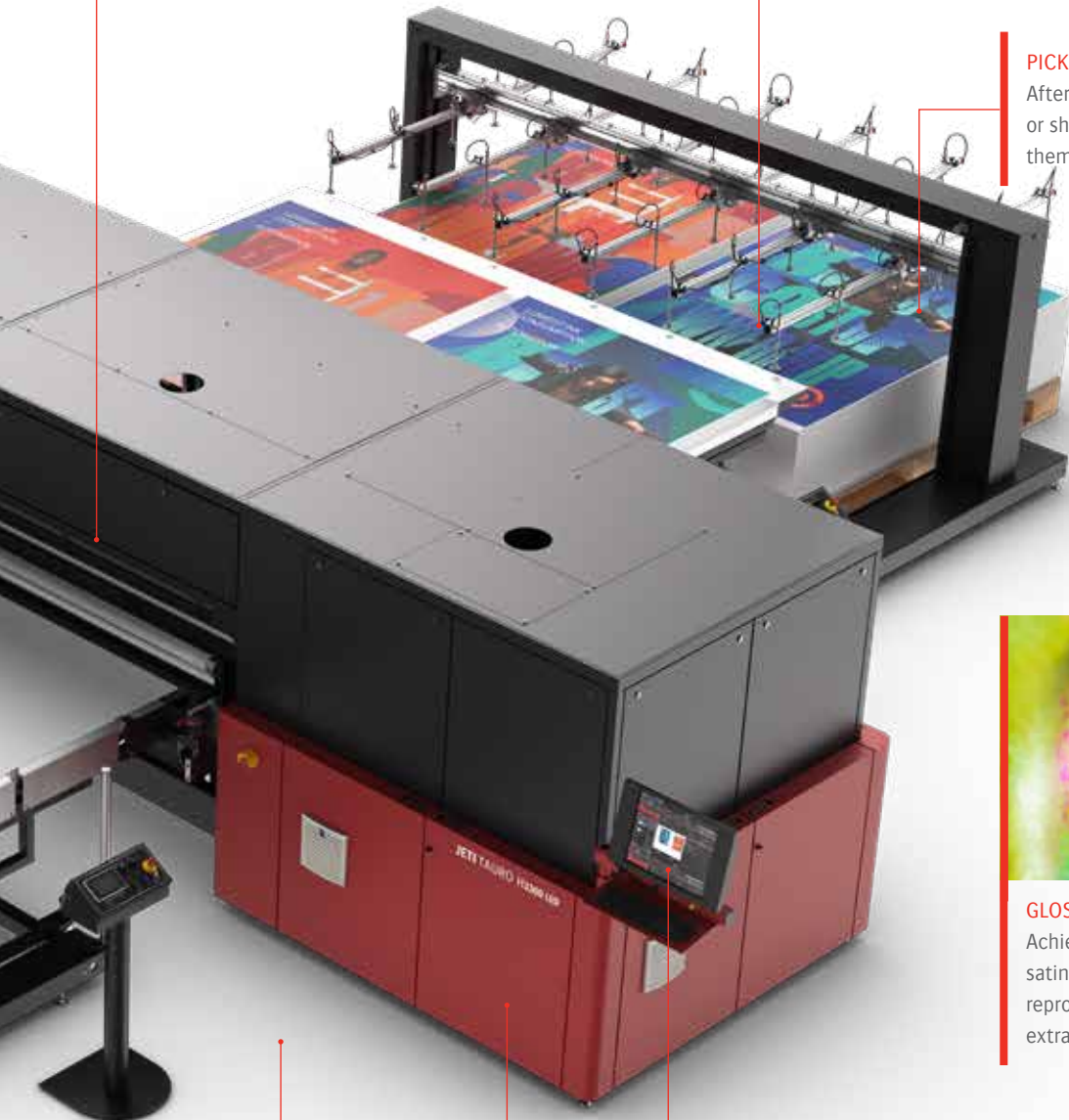
STATE-OF-THE-ART PRINT HEAD SHUTTLE

The print head shuttle is equipped with an antistatic bar and safety sensors. A welded steel construction beam with aligned rails, an encoder strip, linear motors and hydraulic dampers allows for precise movement and positioning.

INDUSTRY-LEADING QUALITY

Outstanding print results in six colors, plus white or primer. The 60 print heads and 7-pl droplets produce stunning, detailed images and razor-sharp texts in as small as 4-point type both in positive and negative text. Use Agfa inks to achieve the most vibrant prints with the lowest ink consumption on the market.
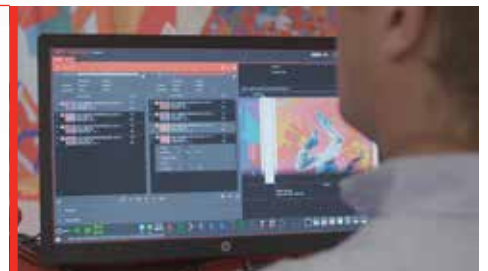
PICK & PLACE UNLOADING SYSTEM

After printing, the unloader picks up the boards or sheets from the output conveyor and places them directly onto the pallet(s).

GLOSS AND SATIN MODES

Achieve an even broader color gamut in gloss or satin modes, which enable enhanced spot color reproduction without loss of image quality or extra ink usage.

PEDAL-CONTROLLED

The printing itself, the vacuum table and the roll bars can all be controlled by an easy-to-use pedal.

CLEAN AND ERGONOMIC INK SUPPLY SYSTEM

8-liter containers allow for long uninterrupted printing. The RFID system ensures correct ink supply to the print shuttle.

ADVANCED GUI DESIGN

The intuitive GUI provides details about the status of the printer, ink levels, settings and required maintenance. A list shows which jobs are ready to be printed, in queue, or already finished. 'Media recipes' control all parameters for a particular substrate.

Jeti Tauro H3300 LED
Master roll-to-roll

ROLL-TO-ROLL OR ROLL-TO-SHEET
The Jeti Tauro H3300 LED is ideal for long-run roll-to-roll jobs (master rolls), but can also be used for roll-to-sheet – enabling fast throughput and hardly any material waste.

SINGLE-ROLL OR DUAL-ROLL
Single rolls can be up to 3.3 m wide, while in dual printing mode, rolls can be up to 1.6 m wide. Both single and dual rolls can be 600 mm in diameter and weigh up to 700 kg, depending on the roll width.

BALANCING ROLL SYSTEM
The balancing roll at the input side regulates the speed of the media unwinding and creates constant tension for wrinkle-free printing in all events.

EASY SWITCHOVER
Changing from single to dual-roll printing and vice versa is fast, as is undocking the roll-to-roll system in order to switch to rigid mode.

There is a light roll-to-roll version available for occasional, single roll-to-roll work.

CLEAN AND ERGONOMIC INK SUPPLY SYSTEM
8-liter containers allow for long uninterrupted printing. The RFID system ensures correct ink supply to the print shuttle.

DYNAMIC VACUUM CONTROL

The dual-section vacuum system ensures that the printing process runs smoothly and efficiently. Precise dot positioning and accurate media transport are guaranteed.

AWARD-WINNING QUALITY

Outstanding print results in four or six colors, plus white or primer. The 60 print heads and 7-pl droplets produce stunning, detailed images and razor-sharp texts in as small as 4-point type both in positive and negative text. Use Agfa inks to achieve the most vibrant prints with the lowest ink consumption on the market.
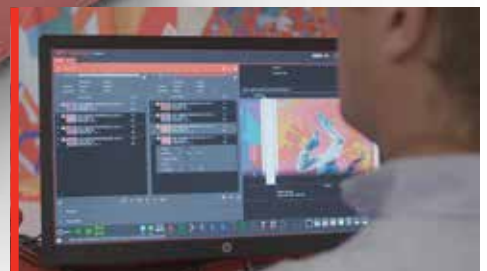
UV LED PRINTING

Air-cooled UV LED-curing lamps are energy-efficient and enable printing on thin heat-sensitive media. They offer major advantages in terms of performance, maintenance, the environment – and overall ROI.

PEDAL-CONTROLLED

The printing itself, the vacuum table and the roll bars can all be controlled by an easy-to-use pedal.

ADVANCED GUI DESIGN

The intuitive GUI provides details about the status of the printer, ink levels, settings and required maintenance. A list shows which jobs are ready to be printed, in queue, or already finished. 'Media recipes' control all parameters for a particular substrate

Six configurations

1

Manual loading and unloading

- Input and output tables for single or multiple board printing

- Optional 3-point alignment bar on the input tables allows for easy and accurate media alignment. This supports more precise double-sided printing of thin media or skewed media, as well as correct cutting.

- Embedded continuous print solution enhances productivity in rigid mode as it narrows down the gap between two consecutive boards

Can be converted into a semi-automation, a ¾ automation, a light or a master roll-to-roll configuration

2

Semi-automation

- Manual loading table, automated unloader

- Optional 3-point alignment bar on the input tables allows for easy and accurate media alignment. This supports more precise double-sided printing of thin media or skewed media, as well as correct cutting.

Can be converted into a light or master roll-to-roll configuration

3

¾ automation with automatic board feeder (ABF)

- Manual loading with automatic alignment and transport to the printer

- Ideal for shorter runs or fast and efficient changeover between different media sizes or types. The ABF takes over part of the operator's tasks, including accurate alignment.

Can be converted into a light or master roll-to-roll configuration

4

Full automation

- Automatic loading and unloading

- For larger runs or runs with multiple board stacks

- Up to four boards automatically, increasing your productivity

- While one board set is being printed, the next one is being prepared

5

Master roll-to-roll

- Unique option for this type of high-throughput wide-format printer, designed for high-volume print runs

- For roll-to-roll or roll-to-sheet printing

- Single- or dual-roll printing

6

Light roll-to-roll

- For occasional, short single roll-to-roll work

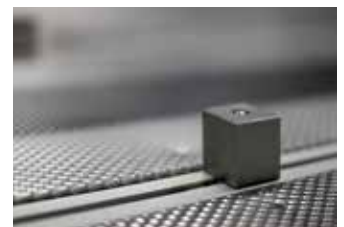- Fast switchover between roll-to-roll and sheet mode

Can be converted to all other configurations, except full automation and master roll-to-roll

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Automatic board feeder (ABF)

The automatic board feeder comes as an optional feature to reduce idle time and increase your production efficiency. This configuration consists of manual loading with automatic alignment and feeding into the printer.

- The operator loads the boards against the registration pins.

- The registration pins ensure accurate board alignment, which is particularly relevant for recto-verso printing. The Asanti software automatically selects a pin set configuration depending on the size of the media.

- The registration pins retract and the carriage beam moves forward to pick up the front of the board. It then moves the board to the standby position and waits for the printer load command. The operator can start loading the next boards.

The perfect match: Agfa-made inks

Specially formulated to print on rigid or flexible media, Agfa's award-winning Anuvia UV LED inks broaden the scope of possible applications. Whatever the medium or intended use — general applications, indoor or outdoor — accuracy and excellent adhesion are a given.

Vibrant colors, impressive results

Agfa-made UV inks boast a wide color gamut and high color vibrancy, resulting in lively yet natural prints that will impress and inspire every time. Agfa inks are LED cured instantly, delivering consistent high-quality results, batch after batch. What's more, this vividness is created to last, even when subjected to outdoor weather conditions.
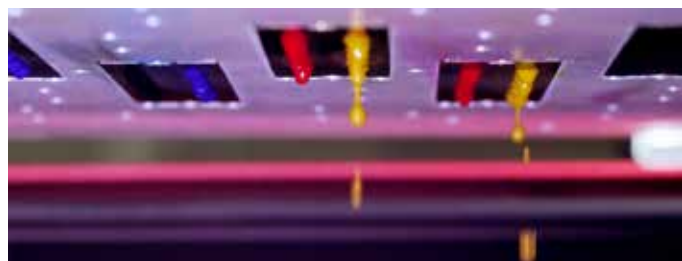
The lowest ink consumption out there

Thanks to Agfa's patented 'Thin Ink Layer' technology, which involves the optimal dispersion and high pigment load of Agfa-made inks combined with Asanti's algorithms, ink consumption per square meter is the lowest on the market. However, this does not mean that the Jeti Tauro H3300 LED compromises on quality or performance in any way. Quite the opposite is true — it results in eye-catching prints while also preventing clogging, offering stable jetting performance and helping you save on your budget.

Advanced white printing and ink management

The Jeti Tauro H3300 LED supports high-productivity white printing in multiple modes on both rigid and roll media. Thanks to its stirring functionality, the engine keeps the white ink in motion. Ink lines in the main ink supply chain are under constant circulation — all the way to the temperature-controlled printer heads — limiting the risk of clogging.

Primer option for better surface tension

Difficult substrates can pose adhesion and durability challenges for inkjet printing. That's where the Jeti Tauro H3300 LED's primer option comes in. A rapidly deposited (concurrent) primer ensures outstanding adhesion on the most difficult non-absorbent media types such as acrylic — applied either as a 'fill' (the whole area) or 'mask' (printed areas only). The UV-cured primer formulation is optimized for Ricoh heads and applied in low-coverage percentages, so that it hardly influences your cost per square meter of output.

Compliant to industry norms

The Anuvia ink sets obtained multiple certifications and comply with a range of industry norms that pertain to the restricted use of chemicals listed by the European Union, to chemical emissions and air quality in indoor applications, to safety for toys regarding heavy metals migration and to the restriction of hazardous substances in electrical and electronic equipment.

Dedicated Sign & Display workflow software

Simplify & automate

The Jeti Tauro H3300 LED is driven by Agfa's wide-format workflow software Asanti, which controls the entire printing process from prepress to production and finishing. As such, it simplifies, optimizes and automates as many steps as possible, offering you a high-performance solution for increased productivity.
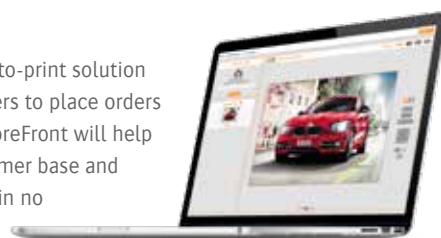
Moreover, Asanti's smart imaging algorithms help optimize your ink consumption, and consequently, reduce your costs and environmental footprint. Asanti's comprehensive integration of file handling, color management and preflighting guarantees smooth, error-free jobs ready to send to the appropriate wide-format output devices.

Among other possibilities that Asanti offers are the creation of personalized productivity modes and job parameter reporting for increased control. 'Media recipes' control all parameters for a particular substrate.

To integrate a non-Agfa RIP/workflow with the Jeti Tauro, we developed TauroConnect, which captures data from the workflow in place and takes care of screening, output quality, and printing parameters.

Web-to-print

As a cloud-based web-to-print solution that enables print buyers to place orders online 24/7, Asanti StoreFront will help you expand your customer base and increase your revenue in no time.

Easy file sharing

The Jeti Tauro H3300 LED integrates perfectly with PrintSphere, Agfa's cloud-based service that offers a standardized way for production automation, easy file sharing and safe data storage.

Extreme productivity. Extreme quality.

Reach new heights in printing quality and productivity for all your inkjet signs and displays. Go beyond current printing standards and produce extremely vivid prints at dazzling speeds. Experience the best of both worlds with Agfa. Outstanding quality has never come at a swifter pace.

Enter a new era of extreme productivity and quality with Agfa's inkjet printing solutions!

Technical specifications Jeti Tauro H3300 LED

MODELS		
	JETI TAURO H3300 LED 4C	**JETI TAURO H3300 LED 6C**
Three configurations, depending on the applications that you run	Jeti Tauro H3300 LED 4C − 4 colors (48 heads) Jeti Tauro H3300 LED 4C W12 − 4 colors and white (60 heads) Jeti Tauro H3300 LED 4C W8P4 − 4 colors, white and primer (60 heads)	Jeti Tauro H3300 LED 6C − 6 colors (48 heads) Jeti Tauro H3300 LED 6C W12 − 6 colors and white (60 heads) Jeti Tauro H3300 LED 6C W8P4 − 6 colors, white and primer (60 heads)

MEDIA & PRINTING SPECIFICATIONS − SHEETS & BOARDS	
Maximum width	Base engine: 3.34 m (131.49″ = 10.95 ft) Loader, unloader and ABF: 3.30 m (130″ = 10.8 ft)
Maximum length	Base engine: 4.0 m (157.48″ = 13.12 ft) Loader: 2.1 m for flexible sheets (82.68″ = 6.89 ft)/ 2.44 m (96.06″ = 8.01 ft) for boards Unloader (sheets & boards): 2.44 m (96.06″ = 8.01 ft) ABF: 4.0 m (157.48″ = 13.12 ft) when combined with output tables − 2.44 m (96.06″ = 8.01 ft) when combined with unloader
Minimum size	Base engine: A2: 42.0 cm x 59.4 cm (16.5″ x 23.4″) Loader, unloader and ABF: A1: 59.4 cm x 84.1 cm (23.4″ x 33.1″) (in portrait)
Thickness	Base engine, loader, unloader and ABF: min. 0.2 mm (8 mil) - max. 2 cm (0.8″), media-dependent
Weight	Base engine, loader, unloader and ABF: 10 kg/m² (2 lb/ft2) with max. 25 kg (55.1 lb) per sheet/board − Sheets: from 200 g/m² (0.04 lb/ft2)
Borderless printing	Yes, with protection paper or tape on the belt

MEDIA & PRINTING SPECIFICATIONS − ROLL-TO-ROLL		
	MASTER ROLL-TO-ROLL	**LIGHT ROLL-TO-ROLL**
Maximum width	Single roll: 3.3 m (130″ = 10.83 ft) Dual roll: 1.6 m (63″ = 5.25 ft)	Single roll: 3.2 m (126″ = 10.5 ft)
Minimum width	Single roll: 61 cm (24″ = 2 ft) Dual roll: 61 cm (24″ = 2 ft)	Single roll: 61 cm (24″ = 2 ft)
Maximum length	Full roll length (depends on total roll thickness, diameter and weight)	
Thickness	Max: 2 mm (0.08″) (80 mil) Min: 0.2 mm (0.008″) (8 mil) for single and dual roll	Max: 2 mm (0.08″) (80 mil) Min: 0.2 mm (0.008″) (8 mil)
Maximum weight	Master roll single: up to 700 kg (1543.24 lb) in full width*, mounted at the center of the shaft * The maximum allowed weight depends on the roll width.	Single roll: up to 200 kg (440.92 lb) per roll in full width*, mounted at the center of the shaft * The maximum allowed weight depends on the roll width.
Max. roll outside diam.	600 mm (23.6″) for single and dual roll	250 mm (9.8″)
Roll mounting	For single and dual roll: pneumatic shafts for cores of 76.2 mm - 3″ (standard) and 152.4 mm - 6″ (optional)	
Borderless printing flexible media	Yes, with tape on the belt.	

PRODUCTIVITY
Up to 453 m²/h (4876 ft²/h) (for automation dependent on size and number of boards)

MEDIA	
Media types	Rigid as well as flexible media. Check with your local Agfa representative for a detailed list.

PRINT HEADS & INKS		
Print heads	Piezoelectric Ricoh MH5420	
Ink	CMYK + white and primer	CMYKLcLk + white and primer

IMAGE & TEXT QUALITY	
Image quality	Resolution up to 1200 dpi
Text quality	4 point

ROOM CONDITIONS	
Temperature	Between 16-25°C (61-77°F)
Relative humidity	Between 40-60%

SYSTEM INTEGRATION RIP/WORKFLOW SOFTWARE
Asanti, StoreFront, PrintSphere, third-party RIPs