



JETI TAURO H2500 LED

Heavy-duty UV LED
wide-format inkjet printer
for rigid and flexible media

A hybrid UV inkjet printer, the high-end Jeti Tauro H2500 LED relies on UV LED curing to offer you vivid six color plus white or primer prints up to 2.54 m wide, incredible productivity (up to 275 m²/h), and cutting-edge automation.

AGFA 



Impressive prints, incredible productivity

A hybrid UV inkjet printer with integrated roll-to-roll system, the Jeti Tauro H2500 LED enables continuous and automated feeding of rigid and flexible media up to 2.54 m wide, at speeds up to 275 m²/h. Driven by Asanti workflow technology and optimized to work with Agfa's high-pigmented UV LED inks, this high-end printing engine takes on any challenge. Expect incredible productivity and high-quality, vivid prints that stand out every time.

A robust hybrid printer

The Jeti Tauro H2500 LED is a true hybrid printer, ruggedly built to easily handle extreme workloads, 24/7 printing, and a wide variety of rigid and flexible substrates. It is suited for substrate widths of up to 2.54 m and rigid media up to 4 m, offering you countless options to create eye-catching prints.

Incredible productivity

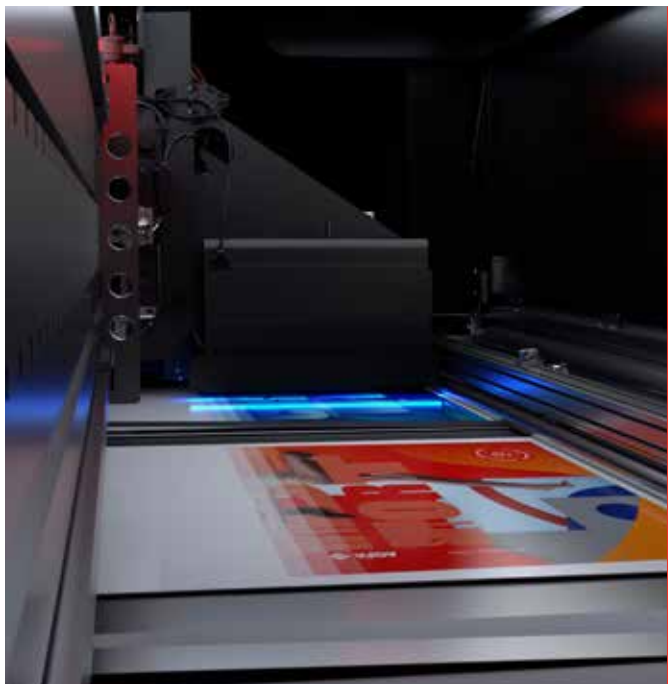
With 32 fast-firing Ricoh inkjet print heads, each with four nozzle rows for two colors per head, this high-end hybrid printer offers outstanding productivity. Add to that Agfa's UV-curable inks and dedicated waveform that is designed to work in perfect harmony with the print heads, and you have the perfect combination of productivity and superior print quality. While 24 print heads print in color, 8 are dedicated to pre- and post-white, sandwich white and/or primer printing.

The Jeti Tauro H2500 LED is driven by Agfa's Asanti workflow technology, which integrates and enhances all processes from pre-press to operation. As such, it ensures all hard- and software work together seamlessly.

Extremely vivid prints

Whether you're creating indoor or outdoor applications on rigid or flexible media, the Jeti Tauro H2500 LED produces high-quality results every time. This superior print quality stems from the engine's cutting-edge print heads, equally divided over 8 color bars.





All the benefits of UV LED curing

Equipped with UV LED curing lamps, the Jeti Tauro H2500 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 H2500 LED prints on a wide variety of media: 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, party favors, architectural and interior decoration and more .



Jeti Tauro H2500 LED

Impressive features

HYBRID UV INKJET PRINTER

Sturdy, reliable, and highly productive.

Suitable for printing on both rigid and roll-to-roll media.

UV LED PRINTING

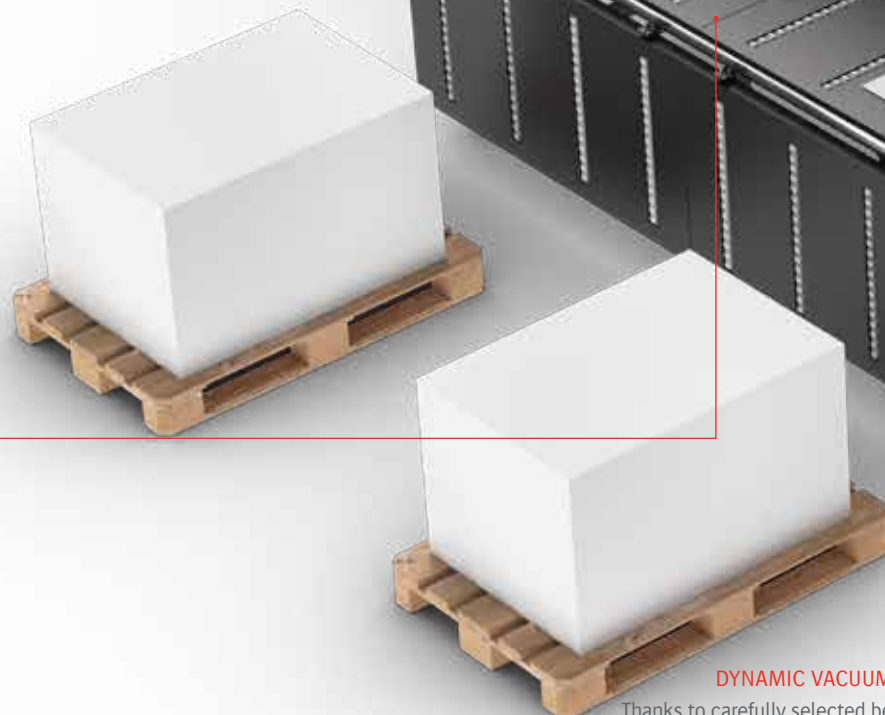
Air-cooled UV LED-curing lamps are energy-efficient and enable printing on thin heat-sensitive media. They offer major advantages in terms of performance, maintenance, the environment – and overall ROI.

ROLL-TO-ROLL PRINTING

For short runs, the Jeti Tauro H2500 comes standard with a built-in light roll-to-roll. For long-run roll-to-roll jobs, a master roll-to-roll is available.

INPUT AND OUTPUT TABLES

For manual loading/unloading, input and output tables for single or multiple boards are available. An optional 3-point alignment bar on the input tables allows for easy and accurate media alignment, supporting more precise double-sided printing of thin media or skewed media, as well as correct cutting. The continuous print mode enhances productivity in rigid mode, as it narrows down the gap between two consecutive boards.



DYNAMIC VACUUM CONTROL

Thanks to carefully selected belt material, perfectly placed vacuum holes and smart vacuum power control, highly precise dot positioning and accurate media transport are guaranteed whether you're printing on flat or roll-to-roll media.



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.



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.



INDUSTRY-LEADING QUALITY

Outstanding print quality in six colors (CMYKcLm), plus white or primer. The 32 print heads and 7-pl droplets produce stunning, detailed images and razor-sharp texts in as small as 4-point type.



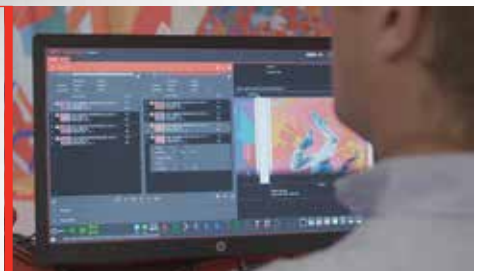
PEDAL-CONTROLLED

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 print jobs, ink levels, settings and required maintenance. 'Media recipes' control all parameters for a particular substrate. Jobs can be tuned (cropped, rotated, scales...) at the last moment without the need to re-render files.



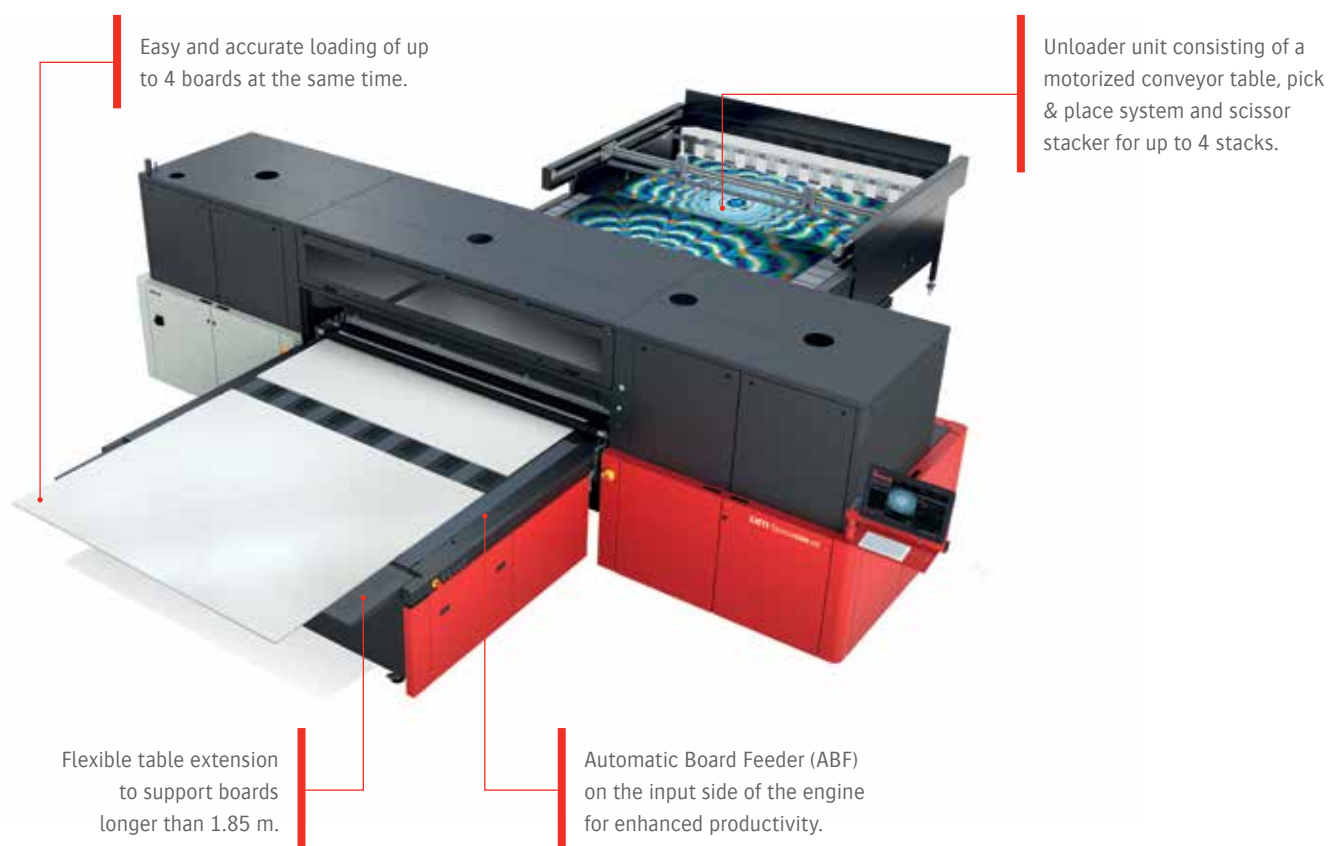
Automation for maximum convenience and efficiency

Continuous board feeding

The Jeti Tauro H2500 LED comes standard with manual media loading tables, perfect for smaller runs. It also enables the loading of boards in one continuous flow for maximum convenience, efficiency and productivity.

Automatic feeding and unloading

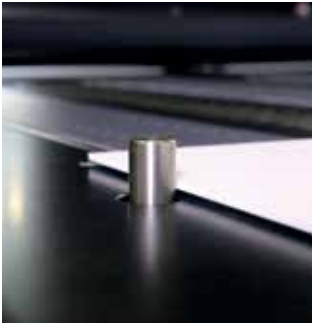
For larger runs or runs with multiple board stacks, the Jeti Tauro H2500 LED's automatic feeding and unloading system optimizes productivity. When upgraded with an automated board feeder (ABF), the engine can process up to 4 boards automatically, reducing idle time and increasing production efficiency by as much as 30%. While one board set is being printed, the next one is being prepared. Parallel board printing of up to 4 boards will boost productivity even further.



3/4 automation

Reduce idle time and increase production efficiency

Automatic board feeder (ABF)



Registration pins ensure (up to 1 mm) accurate board alignment, which is particularly relevant for recto-verso printing. Agfa's Asanti software automatically selects a pin set configuration depending on the size of the media.



The Jeti Tauro ABF **vacuum belts** are perfectly aligned at all times, feeding media smoothly into the engine. Several release rollers at the back of the table support this feeding process. While one board is being printed, the front vacuum belts are switched off to allow loading of the next board.



The automatic board feeder (ABF) handles **up to 4 boards** side by side with a maximum length of 1.85 m. Bypass is possible for longer boards (up to 4 m).



The graphic user interface (GUI) of the Jeti Tauro H2500 LED drives the ABF and assists operators in loading boards correctly.

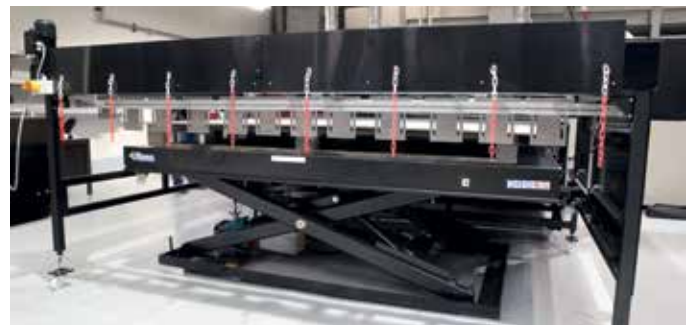
Unloading unit

Motorized conveyor table



- Easy setup of the unloader unit through the Jeti Tauro H2500 LED's straightforward GUI.
- Printed media are driven on and pressed against the conveyor table by capstan roll presses.
- Pick & place system with suction cups that picks up printed media and transfers them directly to a shipping pallet.

Scissor stacker



- Handles up to 4 stacks, moving pallets upwards for smooth media unloading.
- Automatically moves further down with every print, perfectly synchronous with the printing speed, media thickness and size specifications.
- Possibility of tilting the flaps at the end of the unloading unit for oversized media (> 1.85 m), for extra space protruding beyond the pallet.

Jeti Tauro H2500 LED master roll-to-roll



ROLL-TO-ROLL OR ROLL-TO-SHEET

The Jeti Tauro H2500 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.



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 .

SINGLE-ROLL OR DUAL-ROLL

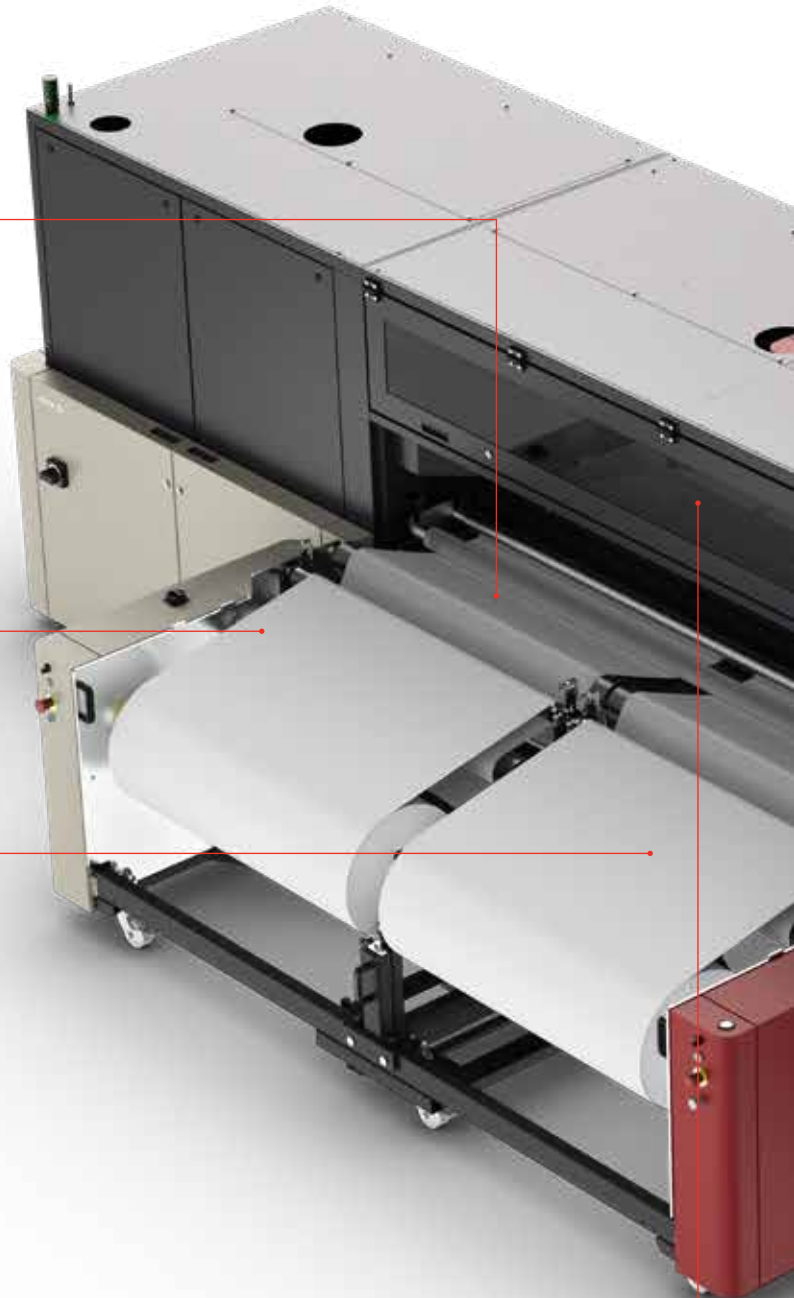
Single rolls can be up to 2.54 m wide, while in dual printing mode, rolls can be up to 1.22 m wide. Both single and dual rolls can be 600 mm in diameter and weigh up to 700 kg, depending on the roll width.

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 .



For the Jeti Tauro H2500, a light roll-to-roll is standard on board and can be combined with master roll-to-roll. It is used for occasional, single roll-to-roll work .



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.





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.



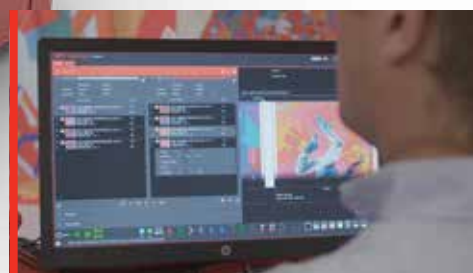
INDUSTRY-LEADING QUALITY

Outstanding print quality in six colors (CMYKLcLm), plus white or primer. The 32 print heads and 7-pl droplets produce stunning, detailed images and razor-sharp texts in as small as 4-point type.



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.



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.



PEDAL-CONTROLLED

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



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

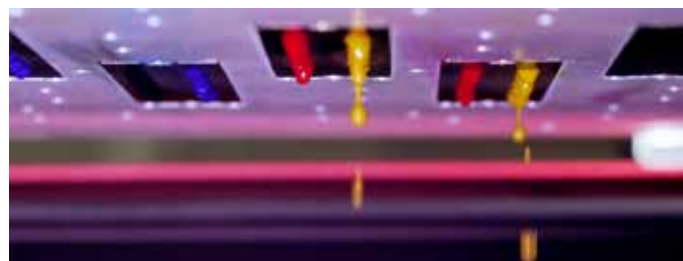
Thanks to Agfa's patented 'Thin Ink Layer' technology, which involves the optimal dispersion and high pigment load of Agfa-made inks combined with Asanti's algorithms, ink consumption per square meter is the lowest on the market. However, this does not mean that the Jeti Tauro H2500 LED compromises on 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 H2500 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 H2500 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 H2500 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.

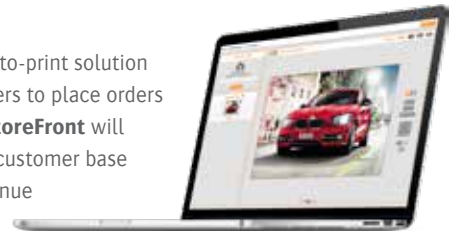
Moreover, Asanti's smart imaging algorithms help optimize your ink consumption, and consequently, reduce your costs and environmental footprint. Asanti's comprehensive integration of file handling, color management and preflighting guarantees smooth, error-free jobs ready to send to the appropriate wide-format 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 H2500 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 H2500 LED

MODELS			
Four configurations, depending on the applications that you run.	Jeti Tauro H2500 LED 6C – 6 colors (24 heads) Jeti Tauro H2500 LED 6C W4 – 6 colors and white (28 heads) Jeti Tauro H2500 LED 6C W8 – 6 colors and white (32 heads) Jeti Tauro H2500 LED 6C W4 P2 – 6 colors, white and primer (30 heads)		
MEDIA & PRINTING SPECIFICATIONS – SHEETS & BOARDS			
Maximum width	2.54 m (100" or 8.33 ft) On the ABF and unloader: 2.54 m (100" or 8.33 ft)		
Maximum length	4.0 m (157.5" or 13.1 ft) With 3/4 automation: up to 1.85 m (6.07 ft) (up to 4 m in bypass mode (13.12 ft))		
Minimum size	DIN A3, 29.7 x 42 cm (11.7 x 16.1") Smallest boards on the ABF: 500 x 700 mm (portrait)		
Thickness	Min. 0.2 cm (80 mil) – max. 5 cm (1.97") (media-dependent)		
Maximum weight	10 kg/m ² with a maximum of 60 kg evenly distributed over the table On the ABF: maximum weight 10 kg/m ² with a total of 43 kg Sheets: from 200 gr/m ² and up		
Borderless printing	Yes. Also in combination with parallel board printing.		
MEDIA & PRINTING SPECIFICATIONS – ROLL-TO-ROLL			
	INTEGRATED RTR	MASTER SINGLE ROLL	MASTER DUAL ROLL
Maximum width	2.54 m (100" = 8.33 ft)	2.54 m (100" = 8.33 ft)	1.22 m (48" = 4 ft)
Minimum width	33 cm (13" = 1.08 ft)		
Maximum length	Full roll length (depends on total roll thickness, diameter and weight)		
Thickness	Min. 0.2 mm (0.008" = 8 mil) – max. 3.2 mm (0.125" = 118 mil)		
Maximum weight (mounted at the center of the shaft)	100 kg	700 kg (depending on the roll width)	
Max. roll outside diameter	360 mm (14.0")	600 mm (23.6")	
Roll mounting	Pneumatic shafts for 76.2 mm - 3" (standard)	Pneumatic shafts for 76.2 mm - 3" (standard) Ask for 6" pneumatic shafts ABC code and availability	
Borderless printing	Yes, with protection paper or tape on the belt		
Double-sided printing	No provisions available for registration in double-sided printing		
PRODUCTIVITY (FOR ABF DEPENDENT ON SIZE AND NUMBER OF BOARDS)			
Up to 275 m ² /h (2960 ft ² /h)			
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 MH		
Inks	CMYKLcLm + 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			

www.agfa.com

© Copyright 2020 by Agfa NV, 2640 Mortsel, Belgium.

All rights reserved. AGFA and the Agfa rhombus are trademarks of Agfa-Gevaert NV, Belgium, or its affiliates. Jeti, Anuvia, Asanti and PrintSphere are trademarks of Agfa NV, Belgium or its affiliates. All other brand and product names may be service marks or trademarks of their respective owners.

All information contained in this document is intended for guidance purposes only, and specifications are dependent on media.