

Complete solutions



Hybrid printer



Sign and Display



High productivity



Low ink consumption

# Tauro H2500

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

The high-end hybrid Tauro H2500 utilizes UV LED curing to deliver stunning prints in six colors plus white or primer on both flexible and rigid materials with a maximum width of 2.54 m. Boasting a printing speed of up to 390 m<sup>2</sup>/h, it has the power to enhance your productivity.

THINK INKJET  
THINK **AGFA** 

# Impressive prints, incredible productivity

A hybrid UV inkjet printer with integrated roll-to-roll system, the Tauro H2500 enables continuous feeding of rigid and flexible media up to 2.54 m wide, at speeds up to 390 m<sup>2</sup>/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 Tauro H2500 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 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.

The Tauro H2500 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.



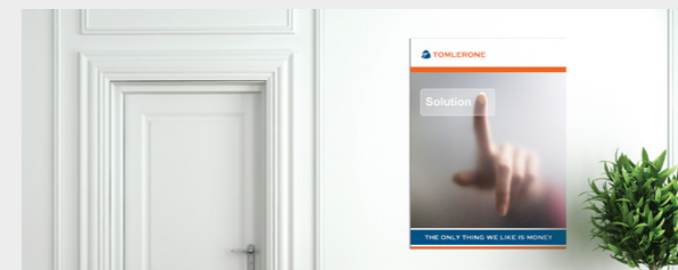
## Extremely vivid prints

Whether you're creating indoor or outdoor applications on rigid or flexible media, the Tauro H2500 produces high-quality results every time. While 24 print heads print in color, 8 are dedicated to pre- and post-white, sandwich white and/or primer printing.



Wide range of applications

A versatile hybrid printer, the Tauro H2500 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.



The Tauro H2500 comes with a built-in light roll-to-roll system for short runs.

# Tauro H2500 – Impressive features

## HYBRID UV INKJET PRINTER.

Sturdy, reliable, and highly productive. Suitable for printing on both rigid and roll-to-roll media.

## CONTINUOUS BOARD FEEDING

The Tauro H2500 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.

## ROLL-TO-ROLL PRINTING

For short runs, the 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.

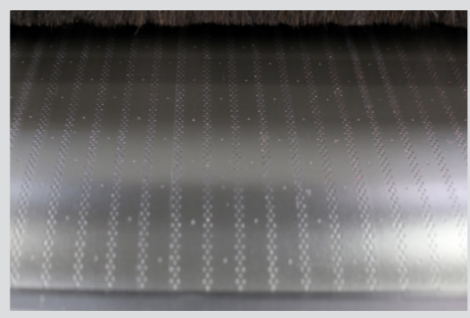
## INPUT AND OUTPUT TABLES

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.

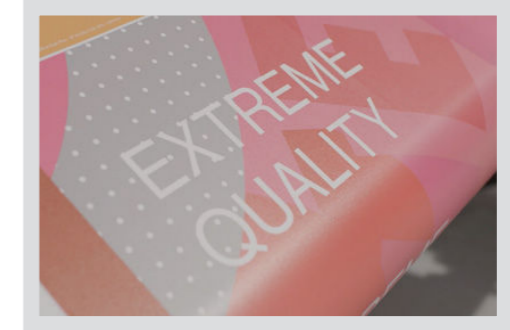


## UV LED PRINTING

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.

## 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.



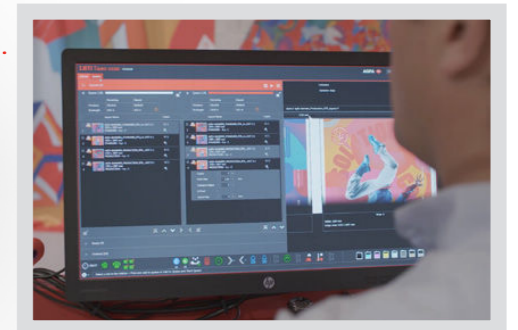
## INDUSTRY-LEADING QUALITY

Outstanding print quality in six colors (CMYKcm or CMYKck), 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.



## GLOSS MODE

Use the gloss mode for enhanced spot color reproduction without loss of image quality or extra ink usage.



## 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, scaled...) at the last moment without the need to re-render files.

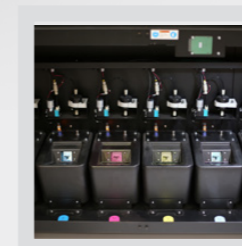
## PEDAL- CONTROLLED

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 (optionally, even 20-liter ones) allow for long uninterrupted printing. The RFID system ensures correct ink supply to the print shuttle.



# The perfect match: Agfa-made inks

Specially formulated to print on rigid or flexible media, Agfa's GREENGUARD Gold certified Anuvia UV LED inks broaden the scope of possible applications. Whatever the medium or intended use, 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 lasting prints that will impress and inspire. What's more, you can rely on accurate spot color and neutral gray printing, as well as excellent solid colors, fine detail reproduction, and outstanding skin tone rendering.



## The lowest ink consumption out there

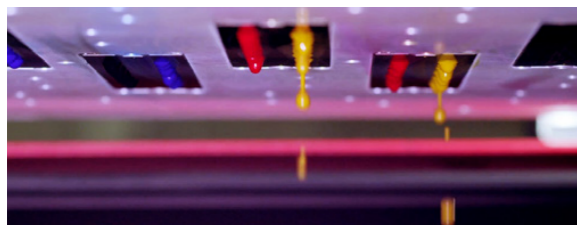
Thanks to Agfa's patented 'Thin Ink Layer' technology – which relies on the exceptional color strength of the pigments in our inks, the smart algorithms in the Asanti software, and perfectly matched printer components – ink consumption per square meter is the lowest on the market. However, this does not mean that the Tauro H2500 compromises on quality or performance in any way. Quite the opposite is true – it produces eye-catching prints with a stable jetting performance while helping you save on your budget.

## Advanced white printing and ink management

The Tauro H2500 supports high-productivity white printing with strong opacity in multiple modes on both rigid and roll media. This is ideal for e.g. multilayer printing. 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 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 is applied in low-coverage percentages, so that it hardly influences your cost per square meter of output.



# Asanti – Dedicated Sign & Display workflow software

The Tauro H2500 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.

## Simplify & automate

Including the latest Adobe PDF Print Engine, Asanti takes care of preflighting and job conversion to guarantee smooth, error-free job handling and consistent print quality. In addition, it streamlines your print operations through automatic job layout and positioning, and automatic true-shape-nesting. The automatic collection of images allows you to gather all artwork for a specific press and specific media, and to optimally nest it on the print sheet or roll, taking copy count and bleed into account.

Asanti guarantees consistent color reproduction through the creation and use of color profiles. To do so, it deploys the patented **Calibrated Print Mode (CPM)** feature, which uses easy-to-set-up production templates that contain all parameters for a particular substrate and enable automatic job creation. It will only take you 15 minutes to calibrate and profile media, and then you can enjoy hassle-free printing with optimal and consistent quality!

The **Asanti Production Dashboard** is a browser-based reporting tool that allows you to inspect the status, ink and media consumption, and printing time of jobs.

Asanti can also drive non-Agfa printers and a wide range of cutting tables, and it offers JDF/JMF-based integration with many MIS solutions. To link a non-Agfa RIP/workflow with the Tauro printers, 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 Tauro H2500 integrates perfectly with **PrintSphere**, Agfa's cloud-based service that offers a standardized way for production automation, easy file sharing and safe data storage.



If you purchase an Agfa solution, your operators will get trained directly by Agfa's global support team. Have a question or did you run into an issue? Our experienced service technicians and application experts throughout the globe are available when you need them.

## World-class training and support, anywhere you need it

## Print standardization

**PrintTune**, our comprehensive and unique print standardization software, guarantees color consistency and ensures that printing jobs meet in-house standards or commonly known color spaces from Fogra or IDEAlliance. Through objective measuring and powerful analytics, it helps lower media waste, increase efficiency, and improve communication between all stakeholders.

## Technical specifications

MODELS	
<b>Four configurations, depending on the applications that you run.</b>	Tauro H2500 6C – 6 colors (24 heads) Tauro H2500 6C W4 – 6 colors and white (28 heads) Tauro H2500 6C W8 – 6 colors and white (32 heads) Tauro H2500 6C W4 P2 – 6 colors, white and primer (30 heads)
MEDIA & PRINTING SPECIFICATIONS – SHEETS & BOARDS	
<b>Maximum width</b>	2.54 m (100" or 8.33 ft)
<b>Maximum length</b>	4.0 m (157.5" or 13.1 ft) With automation: up to 1.85 m (6.07 ft) (up to 4 m in bypass mode (13.12 ft))
<b>Minimum size</b>	DIN A3, 29.7 x 42 cm (11.7 x 16.1")
<b>Thickness</b>	Min. 0.2 cm (80 mil) – max. 5 cm (1.97") (media-dependent)
<b>Maximum weight</b>	10 kg/m <sup>2</sup> with a maximum of 60 kg evenly distributed over the table. Sheets: from 200 gr/m <sup>2</sup> and up
<b>Borderless printing</b>	Yes. Also in combination with parallel board printing.
MEDIA & PRINTING SPECIFICATIONS – ROLL-TO-ROLL	
	<b>INTEGRATED RTR</b>
<b>Maximum width</b>	2.54 m (100" = 8.33 ft)
<b>Minimum width</b>	33 cm (13" = 1.08 ft)
<b>Maximum length</b>	Full roll length (depends on total roll thickness, diameter and weight)
<b>Thickness</b>	Min. 0.2 mm (0.008" = 8 mil) – max. 3.2 mm (0.125" = 118 mil)
<b>Maximum weight</b> (mounted at the center of the shaft)	100 kg
<b>Max. roll outside diameter</b>	360 mm (14.0")
<b>Roll mounting</b>	Pneumatic shafts for 76.2 mm (3") (standard)
<b>Borderless printing</b>	Yes, with protection paper or tape on the belt
<b>Double-sided printing</b>	No provisions available for registration in double-sided printing
PRODUCTIVITY (FOR ABF DEPENDENT ON SIZE AND NUMBER OF BOARDS)	
Up to 390 m <sup>2</sup> /h (4198 ft <sup>2</sup> /h)	
MEDIA	
<b>Media types</b>	Rigid as well as flexible media (check with your local Agfa representative for a detailed list)
PRINT HEADS & INKS	
<b>Print heads</b>	Piezoelectric Ricoh MH
<b>Inks</b>	CMYKcm or CMYKck + white or + white and primer
IMAGE & TEXT QUALITY	
<b>Image quality</b>	Resolution up to 1200 dpi
<b>Text quality</b>	4 point
ROOM CONDITIONS	
<b>Temperature</b>	16-25°C
<b>Relative humidity</b>	40-60%
SYSTEM INTEGRATION RIP/WORKFLOW SOFTWARE	
Asanti, StoreFront, PrintSphere, third-party RIPs	

# Grow your business. Not your footprint.

Our printing solutions enable you to achieve outstanding productivity and quality while taking care of your ecological footprint and the well-being of printer operators.

## LED technology

Our air-cooled UV LED-curing lamps are energy-efficient and long-lasting increase your productivity as they can be switched on/off instantly. Thanks to the minimal heat output, they let you print on thin heat-sensitive media such as self-adhesive sheets or stretchy PVC. They have a 10,000 hour-life with a consistent UV output throughout, and thus consistent ink curing and image quality.

## Easy to operate

Our printers are designed with best ergonomic practices in mind. Operating them will not put you under strain.

## Certified inks

The low-odor **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.

## Low maintenance

Maintenance of our printers is limited and easy, guaranteeing the highest possible uptime. The Asanti Dashboard gives you an overview of all production stats at all times.

[www.agfa.com](http://www.agfa.com)

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