



Jeti Tauro

The Jeti Tauro is a 2.5-meter wide high-end hybrid six-color plus white or primer UV-inkjet printer. Featuring extremely vivid printing, printing speeds up to 275 m² per hour and multiple automation options, it sets new print quality and productivity standards on a wide variety of media.



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For impressive colors, detail and productivity

The Jeti Tauro is a hybrid printer, featuring continuous and automated feeding of rigid media as well as an integrated roll-to-roll system for flexible media. Driven by Asanti workflow technology and optimized to work with Agfa's high-pigmented UV-inks, every aspect of the Jeti Tauro is perfectly suited to the quality and productivity demands of high-end sign and display printers.

High-end hybrid printer

The Jeti Tauro is a true hybrid printer, featuring a robust build, perfect to cope with extreme workloads and 24/7 printing schedules. It accommodates a wide variety of rigid media as well as rolled flexible substrates. The Jeti Tauro produces high-quality results on these materials, whether for indoor or outdoor applications. It prints to widths as great as 2.54 meters and can accommodate rigid media up to 4 meters in length.

Superior print quality

The high-quality print heads of the Jeti Tauro are equally divided over eight color bars. Accurate dot positioning is achieved thanks to the precise mechanical mounting of the heads, as well as smart drop formation and velocity control. Agfa Graphics' matched component approach guarantees that the UV-curing dose is perfectly tuned to the UV-ink sensitivity, preventing unwanted imaging artefacts due to under- or over-ink fixation.

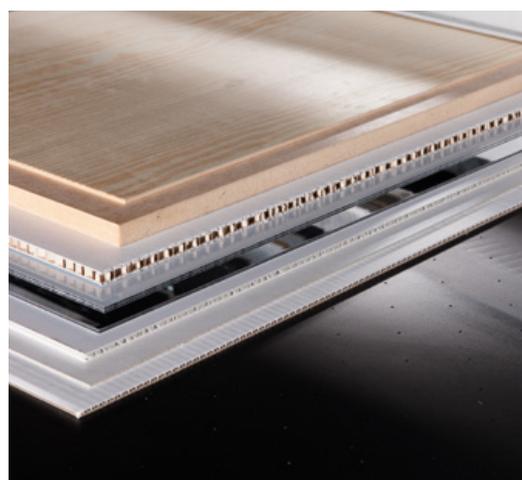
Outstanding productivity

The Jeti Tauro achieves high productivity levels thanks to the print shuttle consisting of 32 fast-firing Ricoh Gen5 heads, each with four nozzle rows for two colors per head. Agfa's fast-curing inks and dedicated wave form are designed to work in perfect harmony with these print heads, resulting in high productivity levels while maintaining superior quality.

24 print heads print color, while eight heads are dedicated to white and/or primer printing. The latter make it possible to print pre- and post-white, spot white, sandwich white, or they can also be used for primer when the media requires it. Once the ink is on your media, two UV-curing lamps ensure it cures instantly. The Asanti workflow solution integrates and enhances all processes from pre-press to operation of the Jeti Tauro printer and even to a comprehensive web-to-print solution if required. As such, it removes the disadvantages that come with the implementation of a variety of different tools and reduces costs while saving time.



True hybrid printer, featuring media tables as well as roll-to-roll for high productivity



Printing on a wide variety of media



Vivid printing with top-quality inks

The Jeti Tauro is designed for use with top-quality UV-curable inks from Agfa Graphics, which deliver fast curing, a wide color gamut and high color vibrancy for the most demanding wide-format indoor and outdoor applications. Offering very good adhesion on difficult substrates, these inks – both white and color – are the best choice for a wide range of applications, offering high image longevity and outdoor resistance. On top of that, our inks jet with extreme reliability, delivering the same high-quality results batch after batch.

Thin ink technology for nicer prints at a low cost

Thanks to the high-pigment load, the ink consumption per square meter is low. This so-called ‘thin ink layer’ pigment dispersion technology saves costs and results in nicer looking prints. Agfa’s inks deliver the highest quality prints with the lowest ink consumption per square meter in the industry.

Advanced white printing and ink management

The Jeti Tauro prints white in multiple modes (e.g. pre-white, post-white, sandwich) on rigid and roll media. The stirring functionality ensures the white ink in the bulk tank is in motion at all times. There are also constant recirculation flows

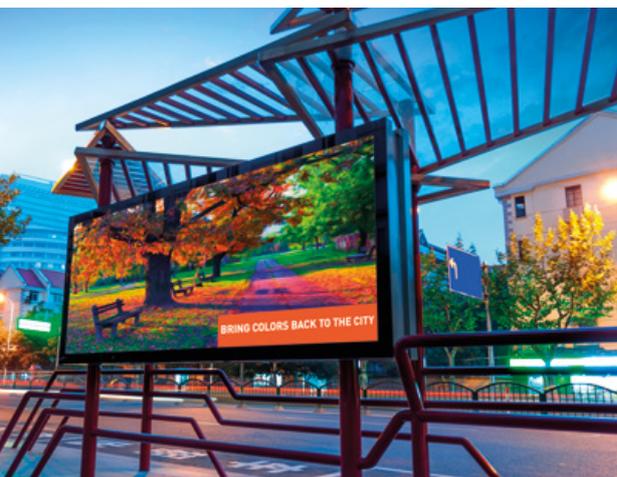
along the ink lines, all the way to the temperature-controlled printer heads, so that there is no chance of ink resettling and lines becoming blocked or clogged.

Outdoor durability

The Jeti Tauro supports the use of three dedicated Agfa Graphics ink sets. Standard, it comes with Anuvia HDC inks, which cover a very wide application scope. For long-term outdoor applications, where the focus lies on durability and weather (and break) resistance, Agfa Graphics offers a dedicated set of inks. The same goes for flexible applications with a stretch factor of more than hundred percent.

Primer option

Difficult substrates such as polypropylene, PMMA/acrylic or polystyrene can pose adhesion and durability challenges in inkjet printing. With the primer option, primer can be quickly applied to create excellent surface tension for better results, either as a ‘fill’ (the whole area) or ‘mask’ (printed areas only). The UV-cured primer formulation is specifically designed for optimal results with the Ricoh Gen5 heads on the Jeti Tauro. And as the primer is applied in low-coverage percentages, it hardly influences the cost per square meter produced output.



Outstanding print quality on backlit applications



Roll-to-roll standard on board

Jeti Tauro. Impressive features.

HYBRID UV-INKJET PRINTER. Reliable, top-quality and highly productive printing on both rigid and roll-to-roll media.

INDUSTRY-LEADING QUALITY. 32 Gen5 printing heads deliver outstanding image quality in a six color set-up (4x CMYKcLm), with optional white and primer. The 7 pl (color) droplet size produces powerful, vibrant color shades and razor-sharp text as small as 4-point type.

GLOSS AND SATIN MODES. Possible without image quality loss or extra ink usage. In high-definition gloss or satin mode the system reaches a much larger color gamut and enables enhanced spot color reproduction.

3/4 AUTOMATION (option). Reduce idle time and increase production efficiency.

DYNAMIC VACUUM CONTROL. Maintaining constant vacuum pressure in function of the belt coverage to assure the accurate slow-scan stepping.

ADVANCED GUI DESIGN. The Asanti GUI works with improved visualization of the job layout and positioning: operators can see exactly what they are printing. The GUI offers access to key print parameters to make sure any last minute changes are quick and easy to apply.

POWERED BY ASANTI. The Jeti Tauro is by default delivered with Asanti and designed to integrate with the full Asanti workflow, while also being open to third-party RIPs.

Shuttle is standard equipped with anti-static bar and shuttle safety sensors.

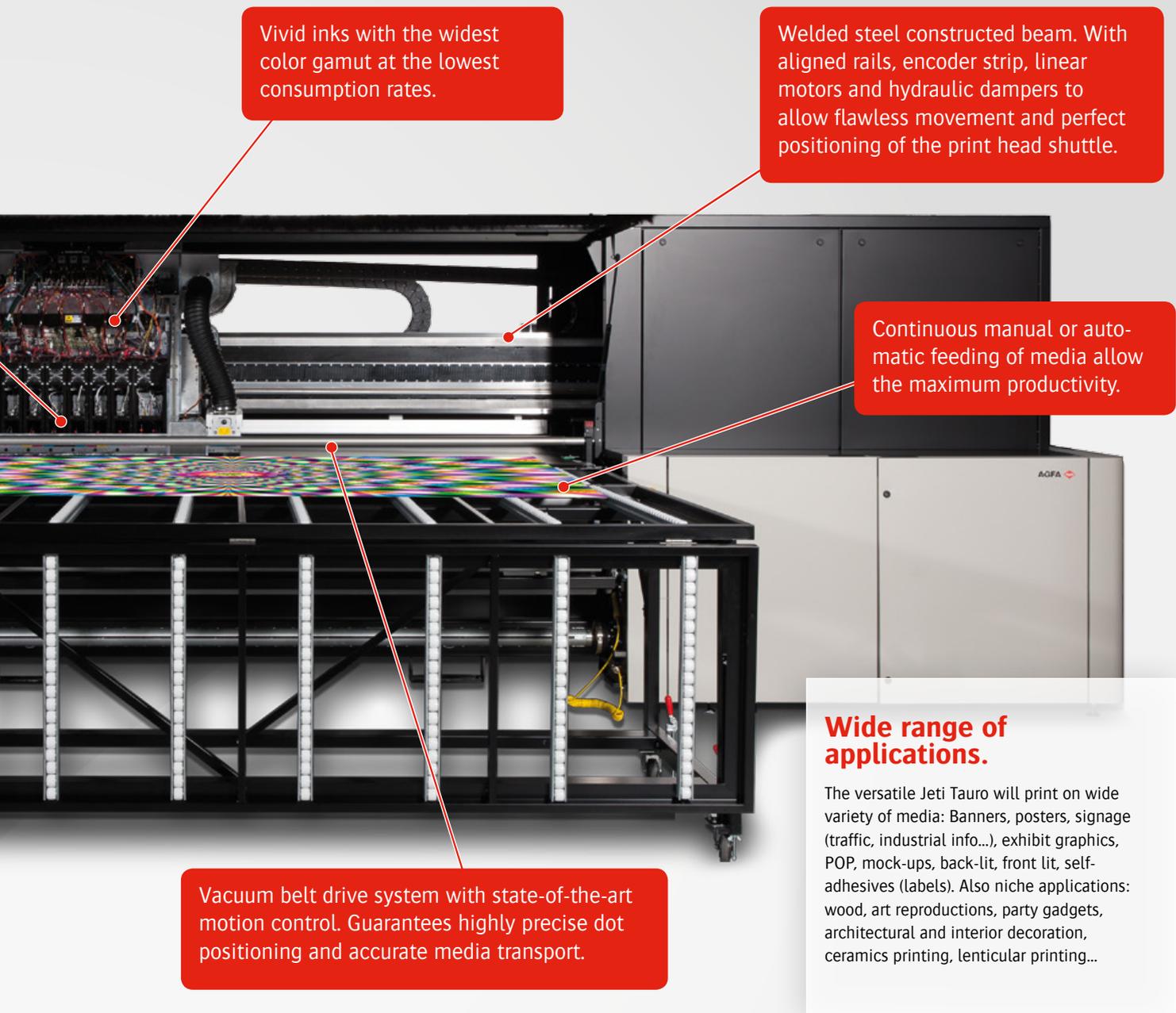


Easy maintenance access to print head shuttle.

Advanced GUI design.

Pedal. Operates the vacuum table, the roll bars and starts and stops printing.





Vivid inks with the widest color gamut at the lowest consumption rates.

Welded steel constructed beam. With aligned rails, encoder strip, linear motors and hydraulic dampers to allow flawless movement and perfect positioning of the print head shuttle.

Continuous manual or automatic feeding of media allow the maximum productivity.

Vacuum belt drive system with state-of-the-art motion control. Guarantees highly precise dot positioning and accurate media transport.

Wide range of applications.

The versatile Jeti Tauro will print on wide variety of media: Banners, posters, signage (traffic, industrial info...), exhibit graphics, POP, mock-ups, back-lit, front lit, self-adhesives (labels). Also niche applications: wood, art reproductions, party gadgets, architectural and interior decoration, ceramics printing, lenticular printing...

Vivid colors

BEST-IN-CLASS AGFA-MADE INKS. The widest color gamut at the lowest consumption rates, with excellent level of adhesion and short curing time. Suited for a wide variety of indoor and outdoor applications, flexible or rigid, coated or uncoated.

ADVANCED WHITE AND WHITE INK MANAGEMENT. Pre- and post-white and sandwich printing in either spots or fills is possible on rigid media and on rolls. Constant recirculation flow of the white ink avoids blockages or clogging.

PRIMER OPTION. (factory-installed). For even better adhesion and durability on difficult substrates.

CLEAN AND ERGONOMIC INK SUPPLY SYSTEM. 8-liter containers per color. The RFID system ensures the correct ink supply to the print shuttle.

Driven by Asanti workflow software

The Jeti Tauro is enhanced when it is part of a full system from Agfa. The smart and user-friendly Asanti software streamlines workflow by dramatically reducing the margin for error and shortening pre-press procedures. It simplifies not just the printing process, but the entire business process, delivering maximum productivity.

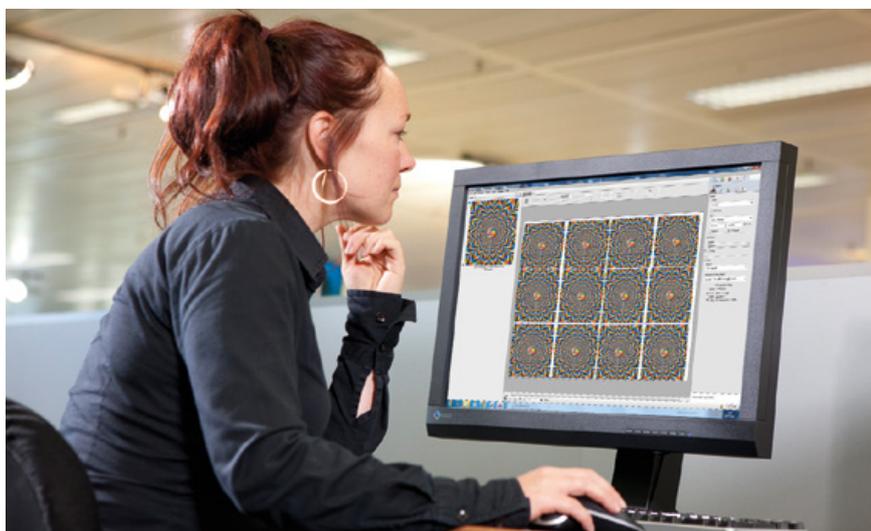
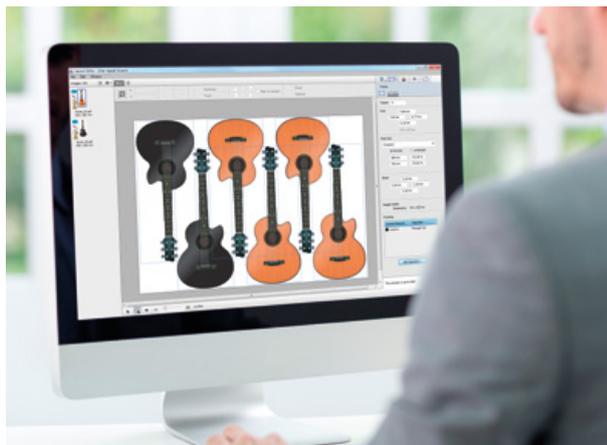
Accuracy and consistency

The huge variety of file types to be handled significantly slows down the processing of print jobs and often leads to errors. These difficulties are overcome with the Asanti software. As the print settings for different media are stored in a database, Asanti is able to quickly call up the appropriate specifications and apply them. Rendering, image and color quality are automated, and Asanti checks files prior to printing, ensuring layers and transparency have been handled correctly, while flagging potential issues. By dramatically simplifying the task of the operator, reducing idle time and efficiently catching issues prior to printing, turnaround is reduced and productivity is increased.

New GUI

The Asanti GUI works with improved visualization of the job layout and positioning: operators can see exactly what they are printing. Extra accuracy is provided through the bi-directional communication with the Jeti Tauro printer. All the necessary production parameters that were specified during job preparation are picked up by the engine, thus avoiding potential mismatches between file preparation and output. The GUI offers access to

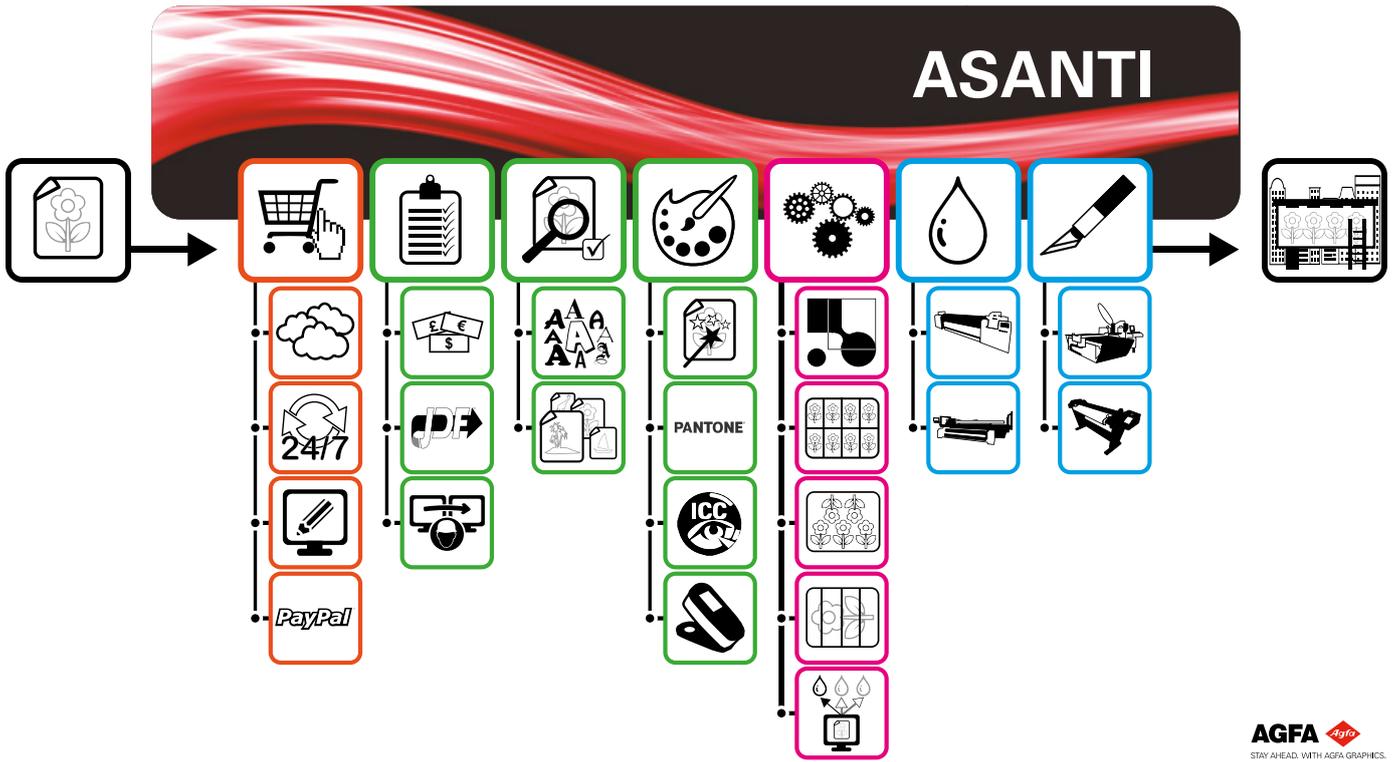
key print parameters to make sure any last-minute changes are quick and easy to apply. Print progress and even printing time estimations are provided. This complements the autonomy of the machine beautifully, ensuring operators are not tied to the printer when other tasks demand their attention.



Asanti – more than just a RIP



Point-of-sales applications – impressive color gamut



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Asanti StoreFront

Asanti StoreFront, a comprehensive web-to-print service, is designed to handle incoming orders from the internet. Automated payment processing and error-free print preparation ensure new jobs are ready for printing in no time and with a minimum of operator intervention.

Asanti StoreFront web-to-print software



High-pigment inks for thin ink layers



Dedicated inks for in- and outdoor applications

Automation: reduce idle time and

Continuous feed

The Jeti Tauro comes standard with manual media loading tables, which are perfect for smaller runs. It is possible to load boards in one continuous flow for maximum efficiency and productivity.

Automatic board feeding and unloading

For larger runs or runs with multiple stacks of boards, the automatic feeding and unloading system further enhances the productivity of this high-speed wide-format inkjet printer.

When upgraded with an automated board feeder (ABF), the Jeti Tauro can process up to 4 stacks of boards automatically, thus reducing idle time and increasing production efficiency due to the higher throughput. While one set of boards is being printed, the next can already be prepared on the ABF by the operator. Parallel board printing of up to four boards will boost productivity even further. Depending on the media size, the number of boards and the print mode, the use of the ABF results in productivity gains of more than 20-30% in comparison with manual feeding.



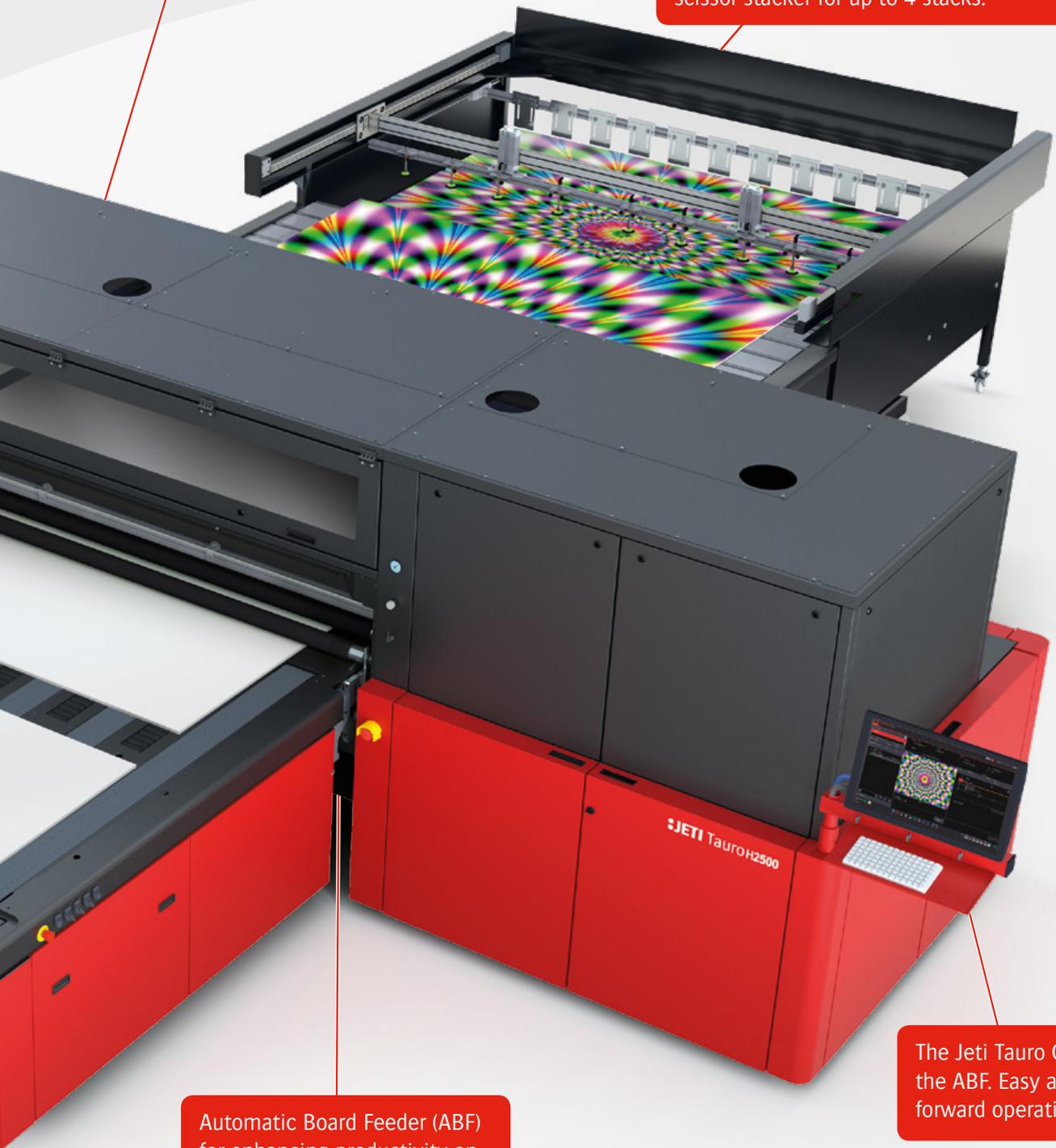
Easy and accurate loading of up to 4 boards at the same time.

Flexible table extension to support boards longer than 1.7 m.

increase production efficiency

With its vivid inks and thin layer technology the Jeti Tauro offers the widest color gamut at the lowest consumption rates.

The unloader unit consists of a motorized conveyor table, pick & place system and scissor stacker for up to 4 stacks.

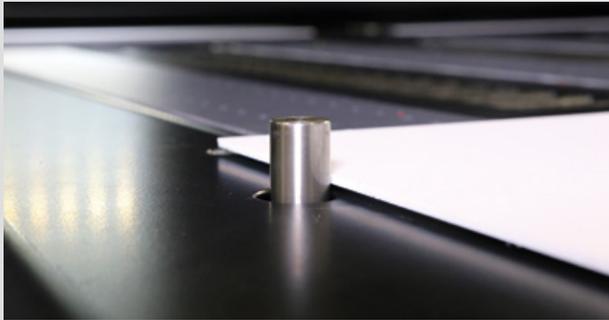


Automatic Board Feeder (ABF) for enhancing productivity on the input side of the Jeti Tauro.

The Jeti Tauro GUI drives the ABF. Easy and straightforward operation.

Jeti Tauro. 3/4 Automation.

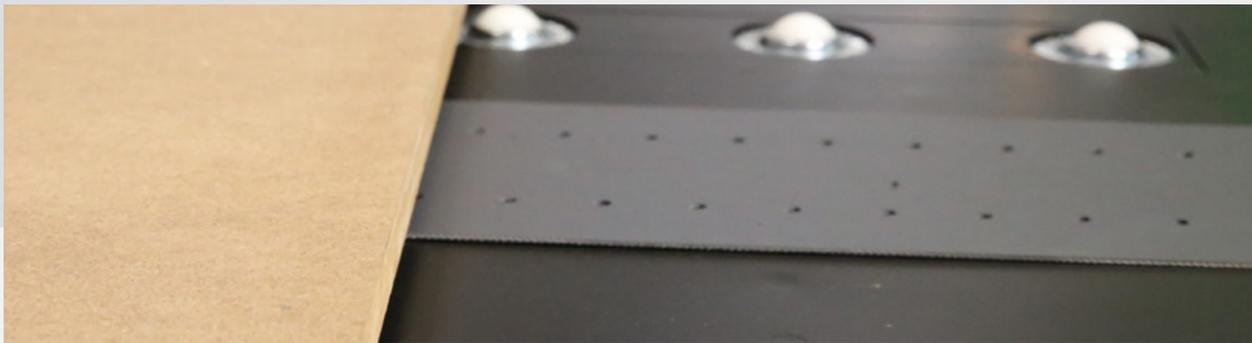
Automatic Board Feeder (ABF)



Registration pins assure accurate board alignment (up to 1 mm accuracy), which is particularly relevant for recto verso prints. The Asanti software automatically selects a pin set configuration depending on the size of the media.



For heavy or large boards, there is a special setting of the automatic board feeder with **ball rollers** that give extra support.



Vacuum belts that are kept perfectly straight at all times, feed the media smoothly into the engine. They get extra help from a number of release rollers at the back of the table. When a board is being printed, the vacuum at the front of the table is switched off so the next board can be loaded.



The **Automatic Board Feeder (ABF)** can handle up to four boards side by side with a max. length of 1.7 m. By-pass possible for longer boards.



The **graphic user interface (GUI)** of the Jeti Tauro drives the ABF and assists the operator in loading the ABF in a correct way.

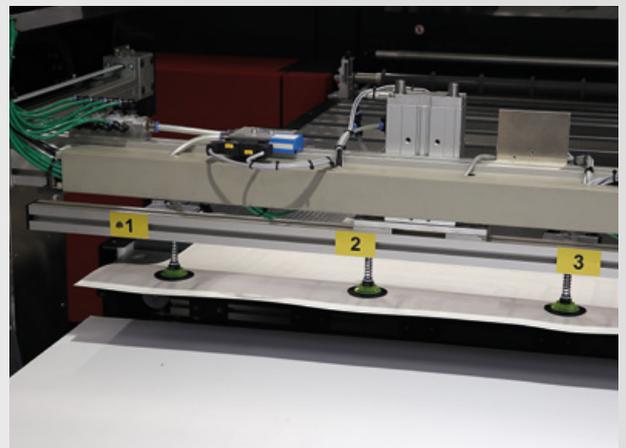
Unloading unit

Motorized conveyor table

- Easy set-up of the unloader via straightforward GUI
- Upon leaving the Jeti Tauro, the capstan roll presses the media against the conveyor table, thus driving the prints on
- Pick & place system with suction cups picks up the media and transfers them directly to a shipping pallet

Scissor stacker

- Brings the pallet up for smooth media unloading
- Automatically moves further down with every print, in perfect synchrony with the printing speed of the Jeti Tauro, as well as with the media thickness and size specifications as known in the Asanti software
- Handles up to four stacks, just like the Automatic Board Feeder
- With oversized boards (>1.7 m), the flaps at the end of the unloading unit can be tilted so that there is room for the board to protrude beyond the pallet



Jeti Tauro H2500

Models

The Jeti Tauro printer comes in four configurations, depending on the applications that you run.	Jeti Tauro H2500 6C – 6 colors (24 heads)
	Jeti Tauro H2500 6C W4 – 6 colors and white (28 heads)
	Jeti Tauro H2500 6C W8 – 6 colors and white (32 heads)
	Jeti Tauro H2500 6C W4 P2 – 6 colors, white and primer (30 heads)

Media & Printing Specifications

Rigid media	
Maximum width	2.54 m (100" or 8.33 ft) - On the ABF and unloader: 2540 mm.
Maximum length	4.0 m (157.5" or 13.1 ft) - Max board length on the ABF and unloader: 1700 mm Oversized boards on the ABF and unloader: up to 4000 mm portrait (in manual mode and media dependent)
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 onwards.
Borderless printing	Yes. Also in combination with parallel board printing
Flexible media	
Maximum width	2.54 m (100" or 8.33 ft)
Maximum length	Depends on total roll weight
Thickness	Min. 0.2 mm (8 mil) - max. 3.2 mm (118 mil) (media dependent)
Maximum weight	100 kg (220 lb)
Maximum roll outside diameter	Support for 3"-core media rolls with maximum outside diameter 360 mm (14")
Borderless printing flexible media	Yes (except when media feed support is on)

Productivity (For ABF dependent on size and number of boards)

Express mode	Up to 275 m ² /hr (2960 ft ² /hr)
Production mode	Up to 138 m ² /hr (1485 ft ² /hr)
Standard mode	Up to 69 m ² /hr (742 ft ² /hr)
High-quality mode	Up to 62 m ² /hr (667 ft ² /hr)
High-definition mode	Up to 41 m ² /hr (441 ft ² /hr)

Media

Media types	Rigid as well as flexible media (check with your local Agfa Graphics representative for a detailed list)
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Print Heads & Inks

Print heads	Piezoelectric Ricoh Gen5
Inks	CMYKLCm White Primer

Image & Text Quality

Prints high quality	Up to 725 x 1200 dpi (8-pass)
Text quality	4 point

Engine Weight & Dimensions

Printer dimensions (H x W x L)	2.0 m x 1.92 m x 6.83 m (6.56 ft x 6.29 ft x 22.4 ft)
ABF dimensions (H x W x L)	1.1 m x 2.96 m x 2.26 m (3.61 ft x 9.71 ft x 7.41 ft) with fold-down tables down 1.1 m x 2.96 m x 3 m (3.61 ft x 9.71 ft x 9.84 ft) with fold-down tables up
Unloader dimensions (H x W x L)	1.6 m (max) x 3.2 m x 4.2 m (5.25 ft (max) x 10.5 ft x 13.78 ft)
Flatbed printer with roll-to-roll unit weight	4100 kg (9039 lb)
ABS weight (uncrated)	1100 kg (2425 lb)
Unloader weight (uncrated)	1120 kg (2469 lb)

Electricity & Compressed Air

Electricity	400-480 VAC, 3-phase, 50/60 Hz, 32 A ABF: 400-480VAC, 3-phase, 50/60Hz, 32A - Unloader: NA
Compressed air	Min 6 bar (87 PSI) (also for ABF and unloader)

System Integration RIP / Workflow software

Asanti, selected list of third party RIPs

www.agfagraphics.com

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