



Jeti Tauro

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Overview

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. 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.

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.

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- [Jeti Tauro brochure \(Russian\)](#)
- [Jeti Tauro brochure \(Turkish\)](#)

Customer Cases

[PVP Printing](#)

Watch the product movie

Jeti Tauro ABF

Jeti Tauro unloader

Key Benefits

- High-end hybrid flatbed printer: suitable for rigid and flexible substrates
- Superior print quality
- Outstanding productivity
- Powered by the smart and easy-to-use Asanti workflow software
- Ricoh MH print heads and advanced ink management
- Automatic board feeder and unloader to enhance the productivity even more
- Compatible with the Acorta automatic cutting plotter

Features

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. The use of sophisticated gradient and masking algorithms results in outstanding print quality in all modes.

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.

Advanced Automation

- **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**

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

When upgraded with the automated board feeder (ABF), the Jeti Tauro can process up to four 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.

- **Unloading unit**

Upon leaving the Jeti Tauro, the capstan roll presses the media against the motorized conveyor table, thus driving the prints on. The pick & place system with suction cups picks up the media and transfers them directly to a shipping pallet.

The scissor stacker brings a pallet up for smooth media unloading and 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.

Reliability

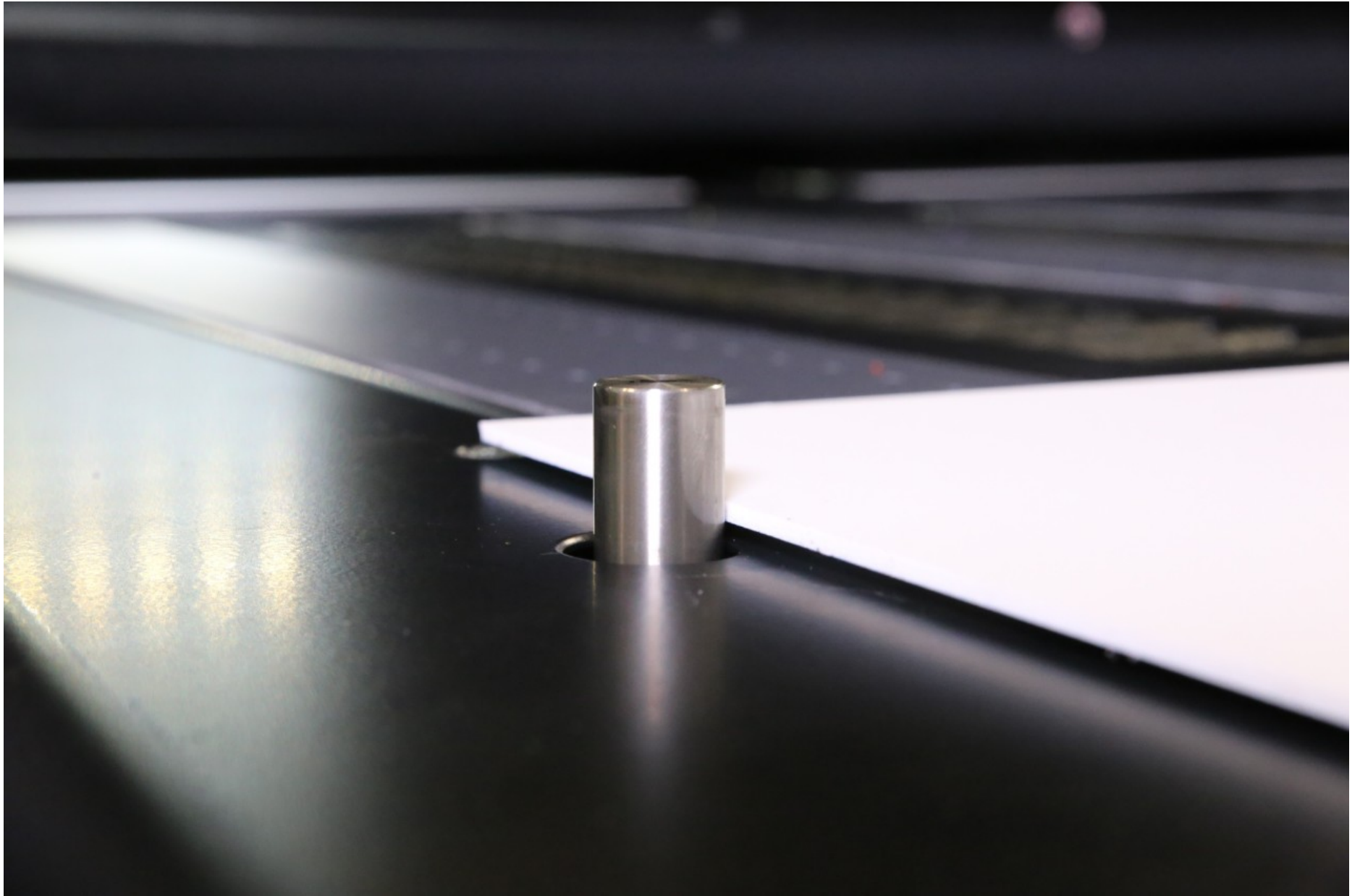
The Jeti Tauro features a robust build, perfect to cope with extreme workloads and 24/7 printing schedules. The vacuum-belt drive features excellent motion control for extreme dot positioning accuracy no matter what media has been loaded. The realities of uneven substrates are acknowledged with shuttle safety sensors that stop collisions, reducing potential downtime and printing errors. The Jeti Tauro is standard equipped with an antistatic device to eliminate static charges which negatively impact dot positioning accuracy.

More features

- Gloss and satin modes without image quality loss or extra ink usage
- Easy maintenance access to print head shuttle
- Shuttle is standard equipped with anti-static bar and shuttle safety sensors
- Vacuum belt drive system with state-of-the-art motion control. Guarantees highly precise dot positioning and accurate media transport.
- Dynamic vacuum control in function of the belt coverage to assure the accurate slow-scan stepping
- 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.

- A pedal operates the vacuum table, the roll bars and starts and stops printing
- Continuous manual or automatic feeding of media allows the maximum productivity
- Advanced GUI design with improved visualization of the job layout and positioning. Access to key print parameters to make sure any last minute changes are quick and easy to apply.



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.



Ball rollers give extra support for heavy or large boards. Vacuum belts that are kept perfectly straight at all times feed the

media smoothly into the engine.



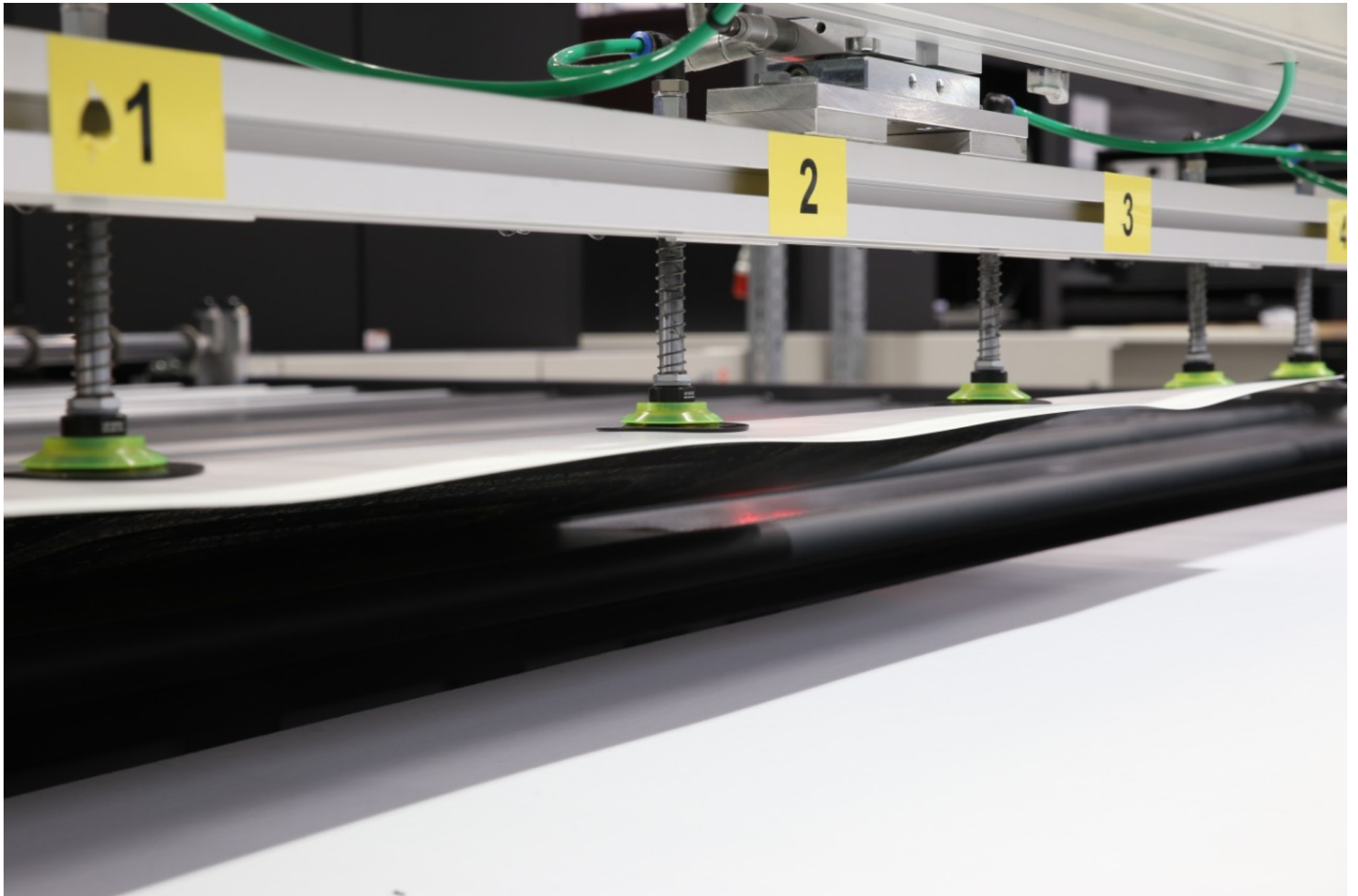
The graphic user interface (GUI) of the Jeti Tauro drives the ABF and assists the operator in loading the ABF in a correct

way.



With oversized boards, the flaps at the end of the scissor stacker can be tilted so that there is room for the boards to

protrude beyond the pallet.





Applications

The Jeti Tauro prints on a 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: DVDs, wood, art reproductions, personalized object printing (e.g. mouse mats), party gadgets, architectural and interior decoration, ceramics printing, lenticular printing...

Inks

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.

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-resistance, Agfa Graphics offers a dedicated set of inks. The same goes for flexible applications with a stretch factor of more than hundred percent.

Advanced white printing and ink management

Pre- and post-white and sandwich printing in either spots or fills is possible on rigid media and on rolls. 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.

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 Gen 5 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.

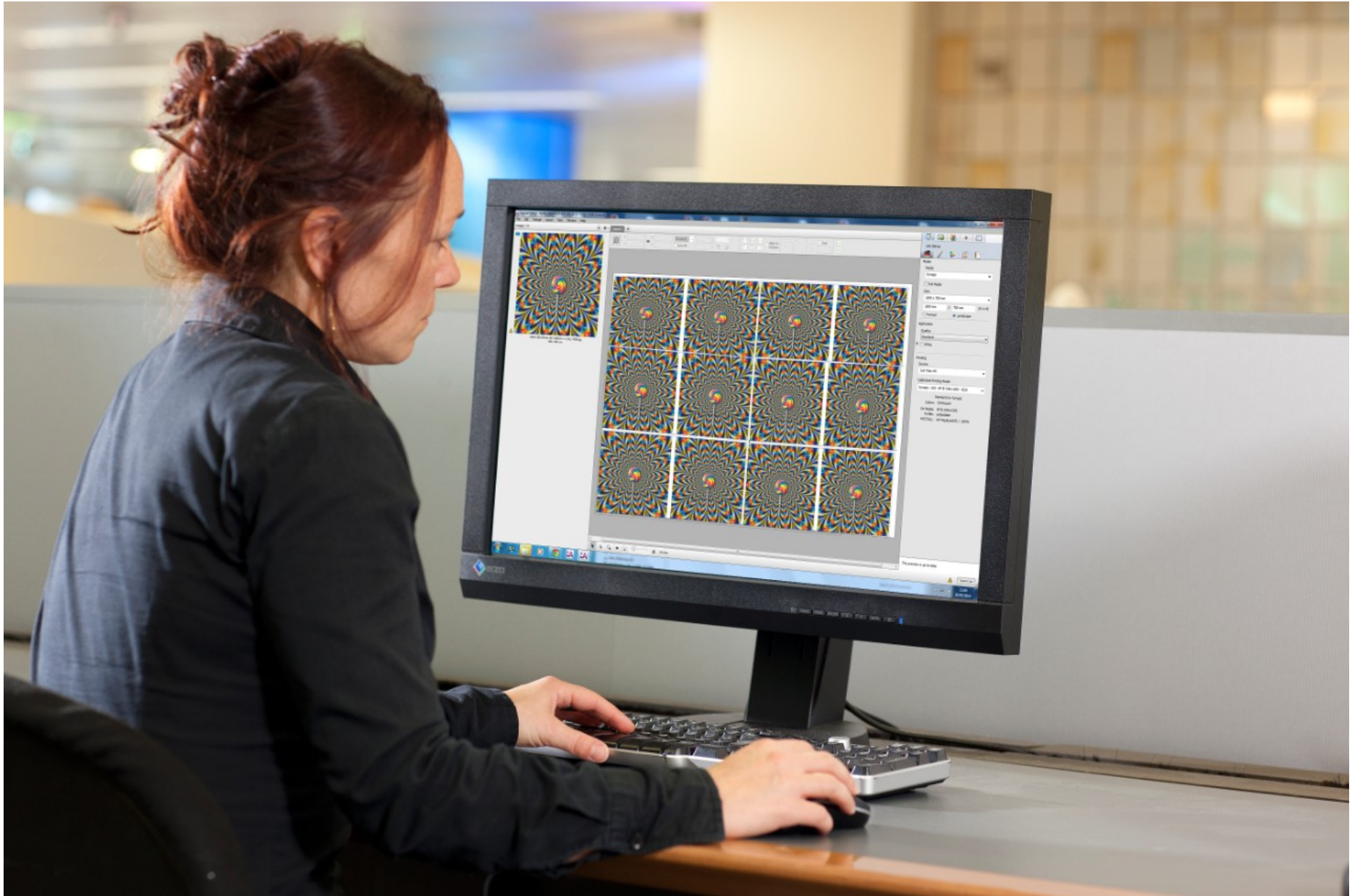
Workflow

Powered by Asanti Workflow

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 significantly simplifies not just the printing process, but the entire business process, delivering maximum productivity.

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.

Read more about [Asanti](#).



Technical Specs

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)

Rigid Media & Printing Specifications

Maximum width	2.54 m (100" or 8.33 ft) On the ABF and unloader: 2.54 m
Maximum length	4.0 m (157.5" or 13.1 ft) Max board length on the ABF and unloader: 1.7 m Oversized boards on the ABF and unloader: up to 4 m 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: 50 x 70 cm (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 & Printing Specifications	
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 36 cm (14")
Borderless printing flexible media	Yes (except when media feed support is on)
Productivity	
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
Print Heads & Inks	
Print heads	Piezoelectric Ricoh Gen 5
Inks	CMYKLcLm White Primer
Image & Text Quality	

Prints high quality	Up to 725 x 1200 dpi (8-pass)
Text quality	4 point
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)	With fold-down tables down: 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 up: 1.1 m x 2.96 m x 3 m (3.61 ft x 9.71 ft x 9.84 ft)
Unloader dimensions (H x W x L)	1.6 (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)
ABF weight	1100 kg (2425 lb)
Unloader weight (uncrated)	1120 kg (2469 lb)
Electricity & Compressed Air	
Electricity	400-480 VAC, 3-phase, 50/60 Hz, 32A
	ABF: 400-480 VAC, 3-phase, 50/60 Hz, 32 A
	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	

Availability

North America

Available in this region

South America

Available in this region

Europe

Available in this region

Asia

Available in this region

Africa

Available in this region

Oceania

Available in this region