



Jeti Mira

The true flatbed Jeti Mira is a six-color and white UV-inkjet printer that offers you impressive print quality and productivity (printing speed up to 227 m²/hr), but most of all versatility. The dockable roll-to-roll option enables printing on a wide variety of flexible media.



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A versatile printing solution

The Jeti Mira is a true flatbed printer, ruggedly built and available in two table versions. The precise moving-gantry architecture is specifically designed to offer optimal flexibility and high-quality printing on a variety of different media.

Driven by Asanti workflow technology and optimized to work with Agfa's high-pigmented UV-inks, the Jeti Mira is perfectly suited to the quality, productivity and versatility demands of mid to high-end sign and display printers.



A true flatbed

The Jeti Mira is a true moving-gantry flatbed printer, highly reliable and incredibly versatile. It is available with a table depth of either 1.6 m or 3.2 m against a width of 2.69 m – wide enough for the broadest jobs. The precise moving-gantry architecture is specifically designed to offer optimal flexibility and high-quality printing on a wide variety of both rigid and flexible substrates. Whatever type of jobs comes in, the Jeti Mira will be able to handle it.

As versatility is the key word with the Jeti Mira, you can also run a roll-to-roll system with the printer. The rails of the gantry extend to accommodate the roll-to-roll system.

While the Jeti Mira S is equipped with one row of print heads, the Jeti Mira HS has two rows, offering even higher productivity. Under the hood are the latest generation of fast-firing inkjet print heads, the Ricoh Gen5.

'Print & Prepare' mode

Reduce your downtime and increase productivity. The Jeti Mira features Agfa Graphics' 'Print & Prepare' mode, allowing you to load one side of the table while the other is printing. It's perfect for large boards. It's perfect for smaller boards or objects. It's perfect for double-sided images too.

Roll-to-roll system

This is a printer designed with versatility in mind. As such, the Jeti Mira can accommodate a super-efficient roll-to-roll system. It attaches immediately in front of the flatbed table, reducing the distance the media needs to travel and further decreasing the chance of skewing while improving accuracy on the y-axis. The roll-to-roll system minimizes waste, is upgradable and fits in perfectly with the movable gantry. You can detach it to keep it out of your way when performing rigid jobs.

An optional built-in camera automatically detects registration marks to ensure accurate front-to-back printing for both backlit and block-out applications.

Industry-leading quality

Agfa Graphics is renowned for developing ground-breaking graphic and printing equipment. As well as its cutting-edge flatbed features, the Jeti Mira incorporates highly advanced printing technology. It offers you the benefits of the Jeti GUI system and uses Asanti technology to manage your

workflow and optimize content delivery to the printer. The result? Mira produces outstanding quality in six colors with or without white and/or varnish. The 7pl droplet size produces stunning detail and razor-sharp text even in something as small as 4-point type, both positive and negative. The six color set-up, further enhanced by intelligent gradient and masking technology, guarantees smooth tonal reproduction.

Up and running

No need to worry about downtime. The Jeti Mira has a robust build suitable for the demands of a heavy workload. The print heads are temperature-controlled to ensure your ink hits your media at the right temperature – and to discourage blockages and clogs from forming. And service and maintenance of the print heads is as simple as can be with easy access to the shuttle.

Experienced worldwide service footprint

If you have a question or encounter a problem, our team of experienced service technicians will be there to assist you. Wherever, whenever. The Jeti Mira is even remotely accessible for support and maintenance.

In-house decoration



Print & Prepare mode for enhanced productivity



Small object printing



In-store communications – backlit

Jeti Mira. Impressive features.

A TRUE MOVING-GANTRY FLATBED. Sturdy, reliable and versatile.

INDUSTRY-LEADING QUALITY. Outstanding quality in a six color set-up (CMYKLCm) plus white and/or varnish. The 7pl (color) droplet size produces stunning detail and razor-sharp text as small as 4-point type.

SIX VACUUM ZONES. No curling or skewing. Media will stay perfectly flat when printing. Automatic and independent control of the six different zones. Once the printing is complete, the reverse-vacuum assist option makes it easy to remove the media.

'PRINT & PREPARE' MODE. Load one side of the table while the other is printing to increase productivity.

MULTIPLE MEDIA. Print high-quality images on virtually anything in the blink of an eye.

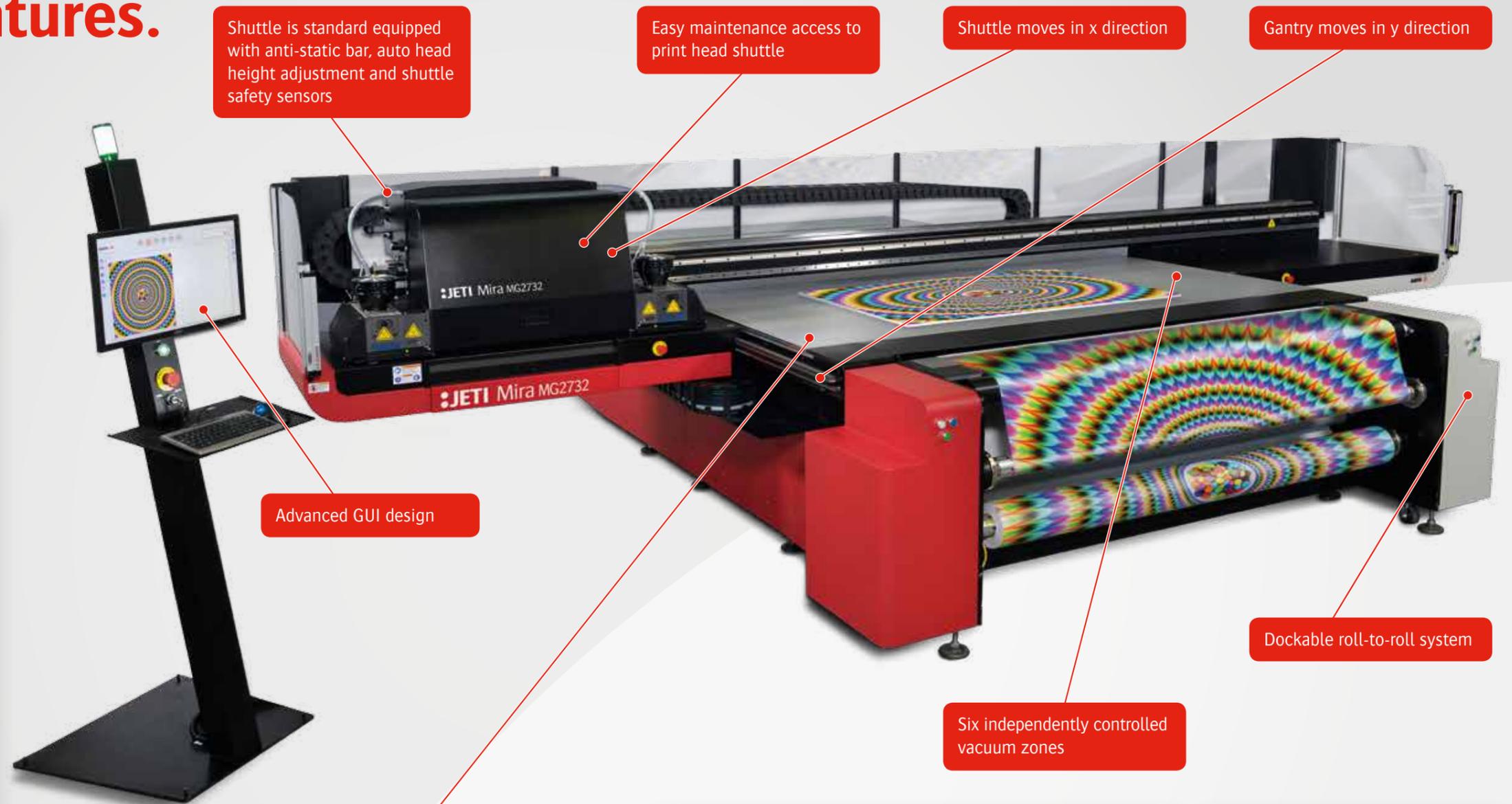
A SET OF REGISTRATION PINS ON EVERY CORNER. Guarantees a precise positioning of the substrate, even when it comes to double-sided printing or media not cut to perfection. The pins are operable electronically through the user interface or from a conveniently located set of activation buttons at each of the four corners.

ROLL-TO-ROLL SYSTEM. Optional field-upgradable solution for rolls up to 2.05 m (80") wide. Directly attached to the front of the printer, with the gantry transported right over it. The small transport distance minimizes media waste and heightens accuracy.

OPTIONAL BUILT-IN CAMERA. To ensure perfect registration for backlit or block-out applications.

ADVANCED GUI DESIGN. The industry-renowned intuitive GUI of our Jeti wide-format inkjet printers provides the ultimate in functionality: cropping, rotating, auto-nesting, scaling, stepping, saving job parameters for reprints etc.

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



Registration pins for complete accuracy on every corner



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 all kinds of indoor and outdoor applications, flexible or rigid, coated or uncoated.

ADVANCED WHITE AND WHITE INK MANAGEMENT: For pre- and post-white printing in either spot or fill applications. Even for pre-white printing on rolls. Constant recirculation flow of the white ink to avoid blockages or clogging.

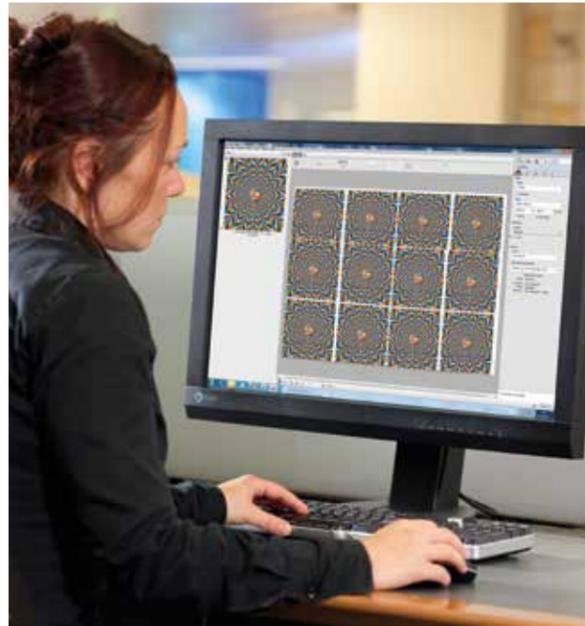
PRIMER OPTION: For even better adhesion and durability on difficult substrates.

VARNISH OPTION: Add dramatic effect to your print jobs using spot varnish.

Wide range of applications

The Jeti Mira will print virtually everything: 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, lenticular printing...

Vivid colors, high performance



Powered by dedicated Asanti wide-format workflow software

The Jeti Mira is driven by the Asanti workflow software. It takes control of the entire process, from prepress to production and finishing. And along the way, it simplifies, optimizes and automates as many steps as possible. This leaves you with a high-performing solution, and increased productivity.

Asanti's comprehensive integration of file handling, color management and preflighting also means that your jobs will be error-free and ready to send to wide-format output devices. In other words: no more mistakes, no more stress, no more loss of time.

Asanti is completed by Asanti StoreFront, a web-to-print solution that enables you to manage online stores and process print orders automatically.

Best-in-class Agfa-made inks: wide gamut, low consumption levels

Agfa Graphics' UV-inks deliver fast curing, a wide color gamut and high color vibrancy for the most demanding wide-format indoor and outdoor applications. Providing 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 are extremely jetting-reliable, delivering the same high-quality results batch after batch.

Thin ink technology for vivid 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 white ink management

Printing on backlit media? Are you in need of an opaque white background? The Jeti Mira prints white in multiple modes (e.g. pre-white, post-white, sandwich) on rigid and roll media. Thanks to its stirring functionality, the Jeti Mira 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, to ensure there is no chance of ink resettling and lines becoming blocked or clogged.

Primer option

Difficult substrates such as polypropylene, PMMA/acrylic, polystyrene etc. can pose adhesion and durability challenges in inkjet printing. With the primer option, primer can be quickly laid down 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. And as the primer is applied in low-coverage percentages, it hardly influences the cost per square meter produced output.

Varnish option

If you are looking for extra means of adding value and differentiating yourself from competitors, varnish is a perfect opportunity. Used as 'spot' varnish, it can add dramatic effects to many applications including POP displays, packaging, decorative prints, trade show graphics etc. Agfa Graphics' specially formulated UV-curable varnish is compatible with almost all standard UV-printing media and cures to a perfect sheen in gloss, or with a semi-gloss effect. Using a combination of varnish and image manipulation, the Jeti Mira can create prints with a stunning 3D effect that are great for use in promotional campaigns. This varnish option comes factory-installed.



Easily accessible ink containers



In-house decoration – dibond



In-house decoration – paper and wood

Jeti Mira MG2716 S/HS Jeti Mira MG2732 S/HS

Media & Printing Specifications

Rigid media

Maximum width	2.69 m (8.82 ft)	
Maximum length	1.6 m (5.24 ft)	3.2 m (10.49 ft)
Minimum size	DIN A4 (21 cm x 27.7 cm) landscap6	
Thickness	Min. 1 mm (40 mil) - max. 50 mm (1.97")	
Maximum weight	37 kg/m ² (7.57 lb/ft ²)	
Borderless printing	Up to 2.69 m x 1.59 m (8.82 ft x 5.21 ft)	Up to 2.69 m x 3.19 m (8.82 ft x 10.46 ft)

Flexible media

	Flexible media	
Maximum width	2.05 m (6.72 ft)	
Maximum length	Depends on total roll weight	
Thickness	Max. 3 mm	
Maximum weight	100 kg (220 lb)	
Maximum roll outside diameter	305 mm (12")	
Borderless printing flexible media	Up to 2.05 m (6.72 ft)	

Productivity

Draft mode	S - 113 m ² /hr (1,216 ft ² /hr)
	HS - 231 m ² /hr (2,486 ft ² /hr)
Express mode	S - 67 m ² /hr (721 ft ² /hr)
	HS - 135 m ² /hr (1,453 ft ² /hr)
Production mode	S - 34.5 m ² /hr (371 ft ² /hr)
	HS - 70 m ² /hr (753 ft ² /hr)
Standard mode	S - 23m ² /hr (248 ft ² /hr)
	HS - 48 m ² /hr (517 ft ² /hr)
High-quality mode	S - 15 m ² /hr (161 ft ² /hr)
	HS - 30 m ² /hr (323 ft ² /hr)
High-definition	S - 9m ² /hr (97 ft ² /hr)
	HS - 20 m ² /hr (215 ft ² /hr)

Media

Media types	Reinforced vinyl, pressure-sensitive vinyl, canvas, fabrics, foam board, corrugated board, lenticular, tile, drywall, glass, sheet metal, paper and more
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Print Heads & Inks

Print heads	Piezoelectric Ricoh Gen5
Ink	CMYKcLm White

Image & Text Quality

Prints high quality	Up to 720 x 1200 dpi
Text quality	4 point

Engine Dimensions & Weight

Flatbed printer dimensions (H x W x L)	1.63 m x 6.25 m x 2.54 m (5.33 ft x 20.5 ft x 8.33 ft)	1.63 m x 6.25 m x 4.4 m (5.33 ft x 20.5 ft x 14.4 ft)
Flatbed printer with roll-to-roll unit dimensions (H x W x L)	1.63 m x 6.25 m x 3.05 m (5.33 ft x 20.5 ft x 10 ft)	1.63 m x 6.25 m x 4.9 m (5.33 ft x 20.5 ft x 16 ft)
Flatbed printer weight	2776 kg (6120 lb)	3456 kg (7620 lb)
Flatbed printer with roll-to-roll unit weight	3721 kg (8203 lb)	4401 kg (9703 lb)

Electricity & Compressed Air

Electricity	400Y / 230V, 3-phase 50/60 Hz 25 KVA (34A)
Compressed air	5 cfm continuous air at 100-150 psi (8.3 m ³ /hr at 6.9-10.3 bar).

System Integration RIP / Workflow software

Asanti, third-party rips