



# Jeti Tauro H3300 LED

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**Highly productive UV LED wide-format inkjet printer for rigid and flexible media**

The Jeti Tauro H3300 LED relies on UV LED curing to offer you a combination of vivid six color prints (plus white or primer) up to 3.3 m wide, extreme productivity up to 453 m<sup>2</sup>/h, and cutting-edge automation.

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## Agfa Graphics' flagship hybrid 3.3 m UV inkjet printer for sign and display

Excel in combining award-winning image quality, low ink consumption and productivity. With the Jeti Tauro H3300 LED, you will produce lively UV-cured prints up to 3.3 m wide at up to 453 m<sup>2</sup>/h. Whether you require this hybrid printer to print boards in full automation, semi automation, or manual loading and unloading, or whether you need to print flexible media on roll, the Jeti Tauro H3300 LED can do it all.



### 100% LED UV-curing

Relying 100% on fast UV LED curing, the Jeti Tauro H3300 LED comes with a number of economic, ecological and business-generating benefits:

- LEDs are cool to the touch and have minimal heat output, which is why they allow for a broader scope of print applications. They enable you to print on heat-sensitive substrates such as thin sheets, self-adhesive sheets or stretched PVC materials, for example. Limited heat generation also enables very stable calibration.
- LED lamps can be switched on and off instantly, without any degradation of intensity. That means there is no lamp warm-up time or delay for shutter motion. The result? Faster operations and higher productivity.
- LEDs last for at least 10,000 hours each. They generate a consistent UV output throughout that period, which guarantees a consistent curing of the ink, hence consistent image quality.
- LEDs have a low energy consumption, which leads to significant power savings and a higher ROI in the long run.
- As UV LED lamps don't contain mercury, there is no need for mercury disposal or any related costs. Also, LEDs don't produce ozone gas that needs to be extracted by ventilation.



### **Industry-recognized quality and productivity**

Choosing between impressive print quality or productivity is a thing of the past. With the Jeti Tauro H3300 LED, you're guaranteed both award-winning image quality and a print speed of up to 453 m<sup>2</sup>/h. Expect only smooth, vibrant, detailed prints through rapid UV LED-curing of Agfa's signature high-pigmented UV inks – this hybrid UV inkjet workhorse delights every time.

### **Heavy-duty robustness**

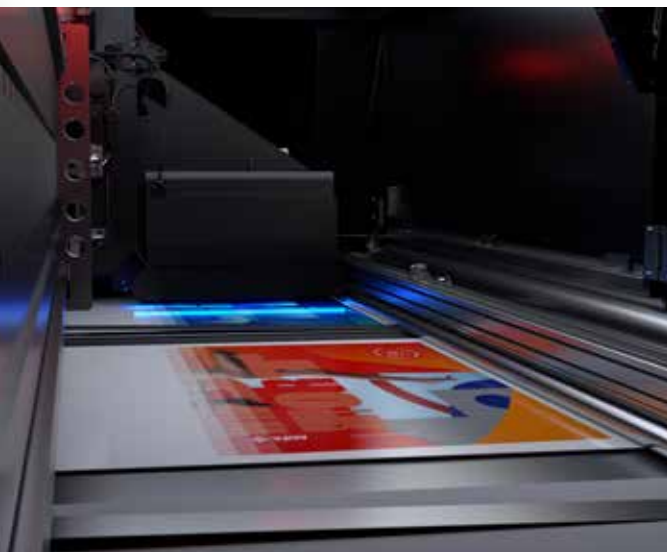
In the Jeti Tauro H3300 LED, you'll find a heavy-duty hybrid printer, ruggedly built to easily handle extreme workloads, multiple shift operation and 24/7 printing. Suited for a variety of rigid and flexible substrates (e.g. paper, styrene, corrugated cardboard and corrugated polypropylene) up to 3.3 m wide, this hybrid revelation offers you countless options to create eye-catching large-format prints.

### **Transform your productivity**

The Jeti Tauro H3300 LED features 60 fast-firing Ricoh inkjet print heads – 48 of which print in color, and 12 of which are dedicated to white and/or primer printing. Add to that Agfa's signature UV LED-curable inks and Agfa's print process know how and you have the perfect combination of productivity and quality. This flagship printer even throws in several automation options.

### **Extremely vivid prints**

Whatever you are creating, the Jeti Tauro H3300 LED produces detailed, vibrant results every time. While its 7-picoliter print heads guarantee an outstanding resolution of 635 x 1200 dpi in all print modes, the UCR/GCR ink-saving algorithms embedded in Asanti ensure the lowest ink consumption. Through 6-color printing, including light black (CMYKLcLk), the engine guarantees a perfect neutral gray balance over the total tonal range.



### **Wide range of applications**

A versatile hybrid printer, the Jeti Tauro H3300 LED prints on a wide variety of media suited for 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, glass, architectural and interior decoration and more.

# The Jeti Tauro H3300 LED full automation at a glance

## UV LED PRINT TECHNOLOGY

Air-cooled UV LED lamps for the curing process, offer major advantages in terms of performance, ROI, maintenance and the environment. They are energy efficient and enable the Jeti Tauro to print on thin heat-sensitive media.

## RIGID BOARD PRINTING

For continuous feed board printing up to 3.3 m wide, the Jeti Tauro H3300 LED prints either in a single or in multiple lanes.

## PICK & PLACE SYSTEM

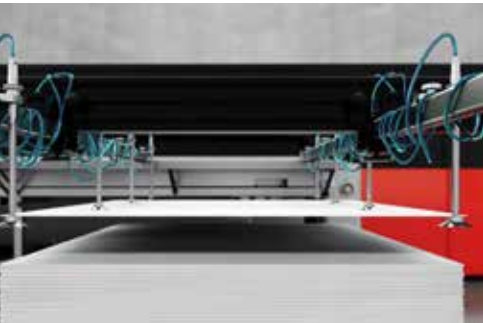
The pick & place system picks up the boards or sheets directly from the pallet. They are moved towards the vacuum belt, which ensures a smooth, precise and stable transport of the media to the printing area.

## FULL AUTOMATION

A fully automated loading and unloading system, for pallet-to-pallet printing in one up to four lanes.

## DYNAMIC VACUUM CONTROL

Thanks to the dual-section smart vacuum system, the printing process runs smoothly and efficiently – whether you are printing on flat or roll-to-roll media. Precise dot positioning and accurate media transport are guaranteed.

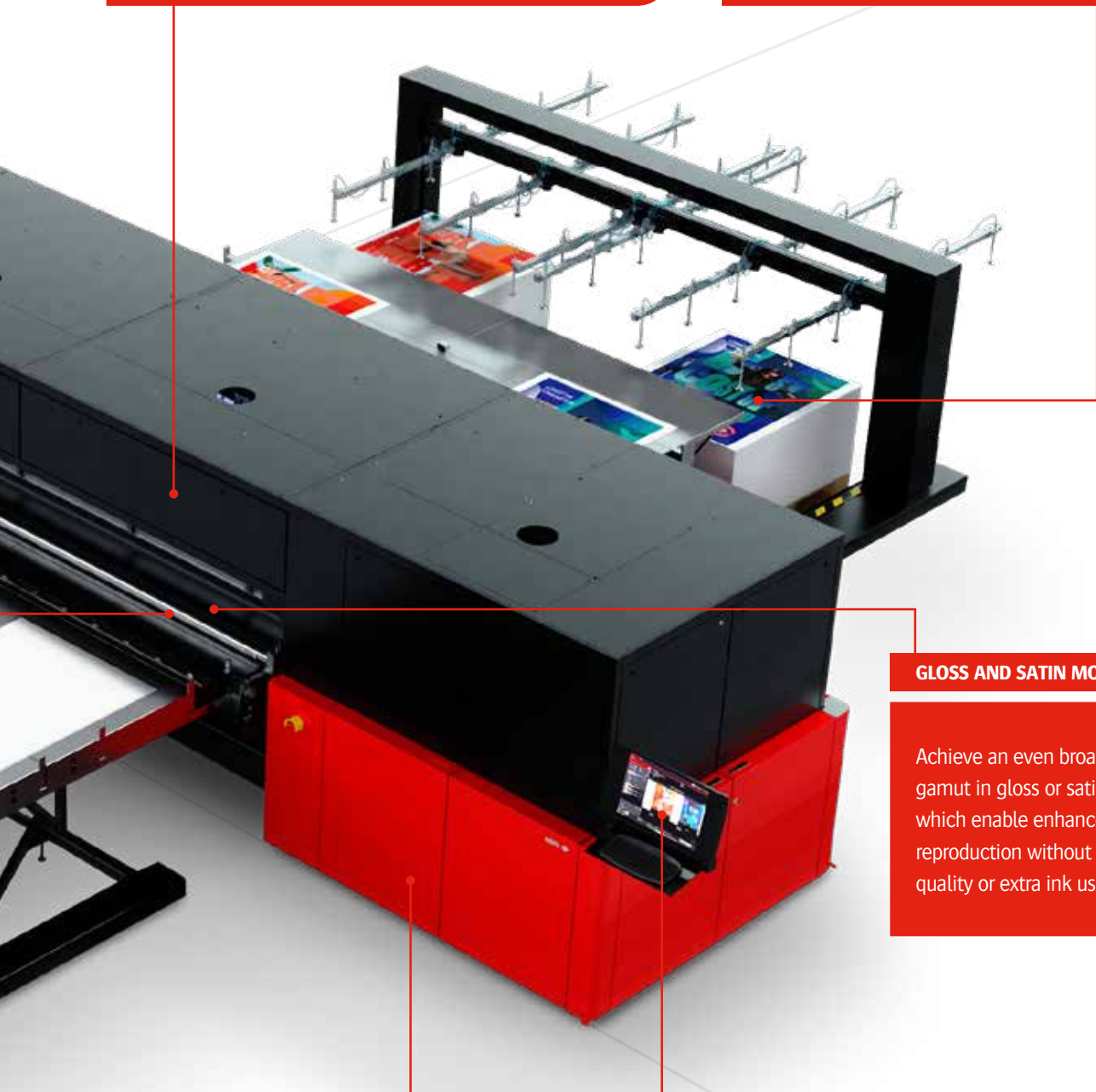


### STATE-OF-THE-ART PRINT HEAD SHUTTLE

The print head shuttle is equipped with an antistatic bar and safety sensors and easily accessible for maintenance. A welded steel construction beam with aligned rails, an encoder strip, linear motors and hydraulic dampers allows for precise movement and positioning of the print head shuttle.

### INDUSTRY-LEADING QUALITY

Outstanding print results in six colors, plus white or primer. The 60 print heads and 7-pl droplets produce stunning, detailed images and razor-sharp texts in as small as 4-point type both in positive and negative text. Use Agfa inks to achieve the most vibrant prints with the lowest ink consumption on the market.



### GLOSS AND SATIN MODES

Achieve an even broader color gamut in gloss or satin mode, which enable enhanced spot color reproduction without loss of image quality or extra ink usage.

### CLEAN AND ERGONOMIC INK SUPPLY SYSTEM

The 8-liter containers per color allow for long uninterrupted printing. The RFID system ensures correct ink supply to the print shuttle.

### ADVANCED GUI DESIGN

A very intuitive GUI system 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.



# The Jeti Tauro H3300 LED roll-to-roll at a glance

## 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.

## STATE-OF-THE-ART PRINT HEAD SHUTTLE

The print head shuttle is equipped with an antistatic bar and safety sensors and easily accessible for maintenance. A welded steel construction beam with aligned rails, an encoder strip, linear motors and hydraulic dampers allows for precise movement and positioning.

## DYNAMIC VACUUM CONTROL

Thanks to the dual-section vacuum system, the printing process runs smoothly and efficiently – whether you are printing on flat or roll-to-roll media. Precise dot positioning and accurate media transport are guaranteed.

## 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.



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### UNATTENDED OPERATION

The Jeti Tauro H3300 LED is ideal for long-run roll-to-roll jobs (master rolls) without operator intervention. Single rolls can be up to 3.3 m wide, while in dual printing mode, rolls can be up to 1.6 m wide. Both single and dual rolls can be 600 mm in diameter and weigh up to 800 kg.

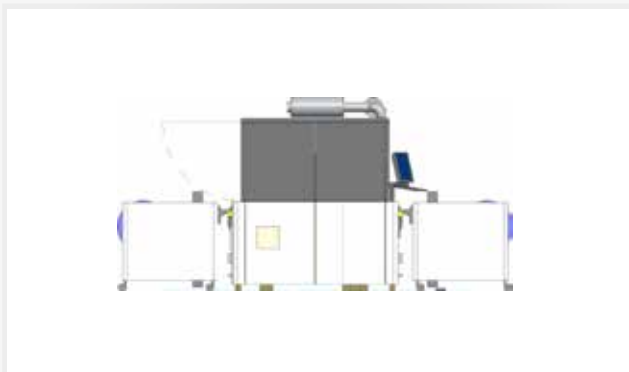
# Automation for maximum convenience and efficiency

## Four automation configurations



### 1. Manual loading and unloading

In manual mode, the input and output tables of the Jeti Tauro H3300 LED allow for single or multiple board feeding. The Jeti Tauro H3300 LED comes with an embedded continuous print solution, which enhances productivity in rigid mode as it narrows down the gap between two consecutive boards. The Jeti Tauro H3300 LED can be easily configured into master roll-to-roll mode.



### 2. Master roll-to-roll

Roll-to-roll allows for either single- or dual-roll printing of up to 600 mm in diameter and up to 800 kg in weight. The maximum printable media width is 3.2 m, which means that for dual roll printing, dimensions of up to 2 x 1.6 m are possible, with each roll weighing up to 800 kg.



### 3. Semi-automation

In this semi-automated mode, loading is done manually while unloading is automated. A manual input table is used in combination with an automated unloader for the output. This configuration can be turned into a roll-to-roll configuration.



### 4. Full automation

In the fully automated configuration, the 'pick & place' system picks the boards or sheets directly from the pallet and places them on the media registration table. There, the boards or sheets are aligned and then fed into the Jeti Tauro H3300 LED. After printing, the pick & place system of the unloader picks up the boards or sheets from the output conveyor and puts them directly onto the pallet.

For larger runs or runs with multiple board stacks, the Jeti Tauro H3300 LED's automatic feeding and unloading system ups your productivity. The engine can process up to four boards automatically, reducing idle time and increasing production efficiency. While one board set is being printed, the next one is being prepared.



# Dedicated Sign & Display workflow software

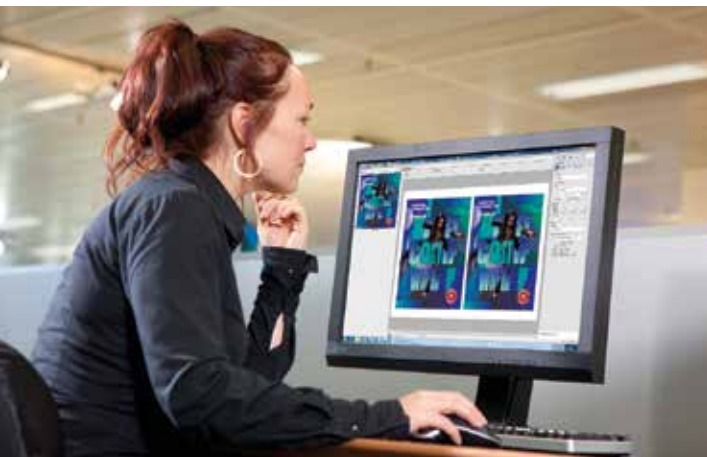


## Simplify & automate

The Jeti Tauro H3300 LED is driven by Agfa Graphics' 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. The software is completed by Asanti StoreFront, a web-to-print solution that lets you create and manage online stores and automatically process print orders.



## Easy file sharing

As an advanced printer powered by Asanti, the Jeti Tauro H3300 LED integrates perfectly with PrintSphere, Agfa Graphics' cloud-based service for production automation, easy file sharing and safe data storage. This integrable cloud service offers a standardized way for print service providers to automate their workflows and facilitate data exchange with customers, colleagues, freelancers, other departments and other Agfa solutions.

# The perfect match: Agfa-made inks

## **Agfa's UV-curable LED inks: always spot on**

Specially formulated to print on both rigid and flexible media, Agfa Graphics' UV LED inks broaden the scope of possible applications. Whatever the medium or intended use (indoor versus 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 your clients and prospects every time. Agfa inks jet 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 Graphics' 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, using this pigment dispersion technology to save ink does not mean that the Jeti Tauro H3300 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 H3300 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 H3300 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.



### Dedicated ink sets

The Jeti Tauro H3300 LED covers a wide range of applications and prints on a broad scope of rigid and flexible media. It comes with two dedicated new LED inks:

- The **Anuvia 1551** is a general application ink, which performs particularly well on outdoor and indoor polypropylene, PVC and styrene media. It is also the best fit for applications where flexibility is essential.
- The **Anuvia 1250** maximizes color gamut and image quality on absorbing media, such as paper and cardboard.

Both inks perform outstandingly during finishing, as they are scratch-resistant and do not crack during cutting.

Agfa Graphics develops all its inks in sync with the design of its printers and the applications to be covered. Agfa inks have won several awards.



**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 Graphics. Outstanding quality has never come at a swifter pace.**

**Enter a new era of extreme productivity and quality with Agfa Graphics' inkjet printing solutions!**

MODELS	
Three configurations, depending on the applications that you run	Jeti Tauro H3300 LED 6C – 6 colors (48 heads) Jeti Tauro H3300 LED 6C W12 – 6 colors and white (60 heads) Jeti Tauro H3300 LED 6C W8P4 – 6 colors, white and primer (60 heads)
MEDIA & PRINTING SPECIFICATIONS – SHEETS & BOARDS	
Maximum width	Base engine: 3.34 m (131.49" = 10.95 ft) - Loader: 3.30 m (130" = 10.8 ft) - Unloader: 3.30 m (130" = 10.8 ft)
Maximum length	Base engine: 4 m (157.48" = 13.12 ft) - Loader: sheet: 2.1 m / board: 2.44 m - Unloader: sheet & board: 2.44 m
Minimum size	Base engine: A2: 0.420 m x 0.594 m Loader: A1: 0.594 m x 0.841 m (in portrait) Unloader: A1: 0.594 m x 0.841 m (in portrait)
Maximum size	Base engine: 3.34 m x 4.0 m Loader: 3.3 m x 2.1 m for flexible sheets / 3.3 m x 2.44 m for boards Unloader: 3.3 m x 2.44 m
Thickness	Base engine: min. 0.2 mm (8 mil) - max. 5 cm (1.97") media-dependent Loader: min. 0.2 mm (8 mil) - max. 2 cm (0.8") media-dependent Unloader: min. 0.2 mm (8 mil) - max. 2 cm (0.8") media-dependent
Weight	Base engine: 10 kg/m <sup>2</sup> (evenly distributed) – Sheets: from 200 g/m <sup>2</sup> Loader: 10 kg/m <sup>2</sup> with max 25 kg per sheet/board – Sheets: from 200 g/m <sup>2</sup> Unloader: 10 kg/m <sup>2</sup> with max 25 kg per sheet/board – Sheets: from 200 g/m <sup>2</sup>
Borderless printing	Yes, with protection paper or tape on the belt
MEDIA & PRINTING SPECIFICATIONS – MASTER ROLL-TO-ROLL	
Maximum width	Single roll: 3.2 m (126" = 10.5 ft) - Dual roll: 1.6 m (63" = 5.25 ft)
Minimum width	Single roll: 609.6 mm (24" = 2 ft) - Dual roll: 609.6 mm (24" = 2 ft)
Maximum length	Full roll length (depends on total roll thickness, diameter and weight)
Thickness	Max: 2 mm (0.08") (80 mil) - Min: 0.2 mm (0.008") (8 mil) for single and dual roll
Maximum weight	Master roll single: up to 800 kg (1763.7 lb) in full width, mounted at the center of the shaft Master roll dual: up to 800 kg (1763.7 lb) per roll in full width, mounted at the center of the shaft
Maximum roll outside diameter	600 mm (23.6") for single and dual roll
Roll mounting	Pneumatic shafts for 76.2 mm - 3" (standard) - for single and dual roll
Borderless printing flexible media	Yes, with protection paper or tape on the belt.
PRODUCTIVITY	
	Up to 453 m <sup>2</sup> /h (4676 ft <sup>2</sup> /h) (for automation dependent on size and number of boards)
MEDIA	
Media types	Rigid as well as flexible media (check with your local Agfa Graphics representative for a detailed list)
PRINT HEADS & INKS	
Print heads	Piezoelectric Ricoh MH5420
Ink	CMYKLcK + white and primer
IMAGE & TEXT QUALITY	
Image quality	Resolution up to 635 x 1200 dpi
Text quality	4 point
ENGINE DIMENSIONS & WEIGHT	
Printer dimensions (H x W x L)	Crated: 2.45 m x 2.26 m x 8.45 m (96.45" x 89" x 332.7") (8 ft x 7.4 ft x 27.7 ft) Uncrated: 2.3 m x 2.1 m x 8.2 m (90.5" x 82.7" x 322.8") (7.5 ft x 6.9 ft x 26.9 ft)
Printer weight (Unit comes in one crate)	Crated: 10,000 kg (22,046 lb) - Uncrated: 7,500 kg (16,535 lb)
Loader/Unloader dimensions (H x W x L) (Each unit comes in a separate crate)	Loader & Unloader: Crated: 2.06 m x 2.3 m x 4.62 m (81.1" x 90.5" x 182") (6.8 ft x 7.5 ft x 15.2 ft) Loader: Uncrated: 1.65 m x 4.22 m x 4.24 m (65" x 166.2" x 162.9") (5.4 ft x 13.8 ft x 13.9 ft) Unloader: Uncrated: 1.65 m x 4.22 m x 4.04 m (65" x 166.2" x 159") (5.4 ft x 13.8 ft x 13.3 ft)
Loader/Unloader weight (Each unit comes in a separate crate)	Crated: 2100 kg (4630 lb) - Uncrated: 1800 kg (3968 lb)
Master roll-to-roll dimensions (H x W x L) per unit (Comes in two crates (one crate/unit))	Crated: 1.48 m x 1.47 m x 4.28 m (58.3" x 58" x 168.5") (4.8 ft x 4.8 ft x 14 ft) Uncrated: 1.2 m x 1.3 m x 4.1 m (47.2" x 51.2" x 161.4") (3.9 ft x 4.3 ft x 13.45 ft)
Weight master roll-to-roll	Weight per crate: 1090 kg (2403 lb) - Weight per unit: 700 kg (1543.2 lb)
ROOM CONDITIONS	
Temperature	Between 16-25°C (61-77°F)
Relative humidity	Between 40-60%
ELECTRICITY & COMPRESSED AIR	
Electricity - base engine	400-480 VAC, 3-phase + Ground, 50/60 Hz - Max current: 52 A (for 400 V) / 43 A (for 480 V)
Electricity - loader	Single Phase + Ground, 230V 50/60Hz - Max current: 8 A
Electricity - unloader	Single Phase + Ground, 230V 50/60Hz - Max current: 5 A
Electricity - master roll-to-roll	400-480 VAC, 3-phase + Ground (no neutral), 50/60 Hz - Max current: 1.5 A (for 400 V) / 1.2A (for 480 V)
Compressed air - base engine	Min. 6 bar (87 PSI) - Air consumption: 5.86 cf (166 L/m) (43.85 US gal/min)
Compressed air - master roll-to-roll	Min. 6 bar (87 PSI). No dedicated connection. Roll-to-roll units (rear and front) are connected directly to the base engine.
Compressed air - loader	Min. 6 bar (87 PSI) - Air consumption 17.66 cfm (500 L/m or 132.08 US gal/min)
Compressed air - unloader	Min. 6 bar (87 PSI) - Air consumption 10.59 cfm (300 L/m or 79.25 US gal/min)
SYSTEM INTEGRATION RIP / WORKFLOW SOFTWARE	
	Asanti, StoreFront, PrintSphere, third-party RIPs

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