



Jeti Titan S / HS

A true flatbed (309 x 200 cm) inkjet printer for jobs up to 160 m²/hr adding that extra creativity with varnish and primer.

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Jeti Titan S / HS

Ultra-reliable six-color true flatbed UV inkjet wide-format printer bringing superb quality and speed at the sharpest price



In-store communications - forex

The new Jeti Titan S and HS true flatbed six-color UV-inkjet printers for indoor and outdoor applications combine exceptional print quality and high speed for an unbeatable price performance solution. The robust build quality engines incorporate the latest generation in inkjet print heads (Ricoh Gen 5) and come with double white as standard. While the Jeti Titan S is equipped with one row of print heads, the Jeti Titan HS has two rows offering even higher productivity.

The Jeti Titan S and HS have a 'flat-to-roll' option that will give you the ability to print flexible media up to 3.2m (126") wide with the same high quality and resolution.

All Jeti printers are part of a complete package which also includes Asanti workflow and dedicated inks – all designed to work together to ensure the best results and maximum productivity for a predictable income.

Modular head configuration with field upgradeability

The Jeti Titan S (S for speed) features a single row of heads with six colors plus white, yet is field upgradeable to two rows of six colors plus white, thus becoming a Jeti Titan HS (high speed). Under the hood are the latest generation inkjet print heads, the Ricoh Gen 5 (1,280 nozzles vs. 384 in Gen 4).



Outdoor communication - banner



In-house decoration - canvas

Full speed six-color printing with white on board

Both the Jeti Titan S and HS come standard with full-speed six-color printing (high fidelity CMYKLCm). The addition of light cyan and light magenta expand the range of color gradations, making it possible to print more grey levels for more realistic, smoother skin tones and subtle dégradées, producing more photorealistic images. This is extremely interesting for high-value work like POP viewed at close range or if high-level art, fashion or cosmetics are your market.

Also default in both models is (pre- and post) white printing, which is supported in different modes, and can include overprint, under-print, spot, under-spot, fill and over-spot for rigids and pre-white for roll media. The Jeti Titan's white ink system is designed to eliminate the resettling problems associated with the components of white ink. Not only is the white ink bulk tank in constant motion with our stirring elements, but constant recirculation flows through the lines all the way to the heads are maintained at an optimized ink temperature.

Unparalleled print quality

With its highly accurate drop placement and a 7 pico liter spot size, the Jeti Titan S/HS takes the high quality of the other Jeti Titan engines a step further still. It can print fine text down to 4pt positive and negative and delivers six-color high-fidelity printing at 720 x 1200 dpi for photorealistic image quality.

It is therefore ideal for the production of close-viewed output such as quality point-of-purchase as well as high resolution backlit applications (day-and-night). Additionally, the printer is designed for high productivity wide-format applications such as general displays.



In-house decoration - dibond





True flatbed with robust industrial build

The Jeti Titan S and HS have a 2 x 3m true flatbed design for optimum registration and repeatability. The moving table concept uses the latest generation of print heads, motion drive and curing technology. The printers' frames are based on tubular solid steel for seven day/three shift endurance.

Flat-to-roll option for even more flexibility

Giving you even more production flexibility, the 'flat-to-roll' (FTR) option makes it possible to print roll material up to 3.2m (126") wide with the same high quality and resolution as rigid materials, without losing speed. The FTR option can handle rolls up to 250 lbs (113 kg) so you can buy media economically and compete in even more markets.

Dedicated inks

The Jeti Titan engines work perfectly together with Agfa Graphics' fast-curing Anuvia UV-curable inks that are designed specifically for high-end production platforms. Anuvia inks offer great resistance to chemicals and abrasions plus good adhesion on the substrate. Their sharp, vibrant colors combine high fade resistance and excellent lightfastness. The Jeti Titans support the full range of industry standard rigid and flexible media.

High-tech knowledge always at your finger points

The flagship of Agfa Graphics' inkjet portfolio builds on our extensive R&D knowledge and is serviced by one of the industry's most comprehensive support organizations.



In-house decoration - Wood



In-house decoration - Foamboard



In-Store communication - Textile

Advanced electronics

The new electronics platform in the Jeti Titans is designed for the future, with many features that make optimize the engines' printing performance:

Anti-static reliable printing

Surface static energy is a known adversary in UV printing. Undesirable effects include "misting", dust artifacts, fuzzy images and type or even "ghosted" images. Many of today's rigid media are susceptible to static charge, especially in the dry colder months. No need to worry about this with the Jeti Titan S and HS' antistatic system. Mounted right on the carriage to pass over you media before jetting, both negatively and positively charged areas of your media are neutralized.

Auto head height

Adjusting the carriage height to account for the differences in media thickness can be a time-consuming task. Not doing it can lead to head strikes though, while over-compensating by raising the heads will impact image quality. With the auto head height system, an optical laser mounted on the carriage is used to measure the high point on the media's surface. The software then automatically adjusts the carriage height to optimize image quality while eliminating the risk of head strikes due to imperfect media.

Media detection sensor

The media detection sensor instantly detects any obstacle in the carriage's path – preventing damage to your printer. When activated, the auto-recovery function takes over and re-homes the carriage and table, so you are printing again right away. Whether operator error has left an obstruction in the imaging area, or tape or media has curled, your investment will be protected by an instant braking of the carriage to avoid head replacement, repairs and downtime.



FTR (Flat-to-Roll) option





In-house decoration - Forex

Shuttle safety sensors

The in-line shuttle safety sensors prevent print heads from touching the substrate. This will avoid damage to the precious heads in case you are working with media that are susceptible to temperature, light conditions or to humidity for instance.

Advanced GUI design

The industry-renowned intuitive GUI of Agfa Graphics' printers provides the ultimate in functionality: scaling, stepping, reprints etc – default delivered with Asanti Render and designed to integrate with the full Asanti workflow, while also being open to third-party RIPs.

A new concept for job management provides new time saving functionality such as the ability prepare future jobs while printing other jobs, keeping track of copies printed for billing and inventory management, attach notes with special instructions to the job and many more features.



In-house decoration - dibond



Outdoor communication - banner



In-Store communication - Foamboard

Primer option

Difficult substrates can pose adhesion and durability challenges in inkjet printing. These include polypropylene, PMMA/acrylic, polystyrene, polycarbonate etc. With the primer option, users can select to have primer applied automatically, either as a 'fill' (the whole area) or 'mask' (printed areas only). A speedy pre-printing application of primer is automatically laid down to create excellent surface tension for better results. The UV-cured primer formulation is specifically designed for optimal results with the Ricoh Gen 5 heads on the Titan S/HS.

Varnish option

If you are looking for extra means of adding value and differentiating yourself from competitors, the Titan S/HS with varnish is a perfect opportunity. Used as a '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. The varnish option is factory installed only (not field upgradeable).



In-house decoration - canvas





Jeti Titan S & Jeti Titan HS

MEDIA DIMENSIONS

- Flatbed: 122" x 79" (309 cm x 200 cm)
- Rolls: 126" (3.20 m)

PRINTING AREA

- Flatbed: 122" x 79" (309 cm x 200 cm)
- Rolls: 122" (309 cm)

MEDIA TYPES

Full range of industry standard rigid and flexible media, a.o. reinforced vinyl, pressure sensitive vinyl, canvas, fabrics, foamboard, corrugated board, lenticular, tile, drywall, glass, sheet metal, paper and more

MAXIMUM THICKNESS

2" (5 cm)

PRINTING SPEEDS

Up to 1,723 ft²/hr (160 m²/hr)

COMPRESSED AIR

100 PSI minimum - 150 PSI (7-10 bar) maximum with a 10 gallon (40 liter tank) 15 cfm peak

IMAGE QUALITY

Prints high quality up to 720 x 1200 dpi

INKS

CMYK LcLm

White

Inks shelf life is one year for UV inks

HEADS

Ricoh Generation 5 heads

DIMENSIONS

- Uncrated dimensions:
77.5" H x 95.5" W x 258" L
(197 cm x 243 cm x 655 cm)
- Crated dimensions:
86" H x 101.5" W x 264.5" L
(218 x 258 cm x 672 cm)
- Titan (HS) with FTR dimensions
77.5" H x 167" W x 258" L
(197 x 424 cm x 655 cm)
- FTR only
Crated dimensions:
38" H x 83.5" W x 177" L
(96.5 cm x 212.1 cm x 450 cm)

WEIGHT

- Weight Titan S/HS
8,850 lbs (4,014 kg)
Add 2,600lbs (1,179 kg) for crating
- FTR only
Weight: 1,308 lbs (593 kg)

ELECTRICITY

400Y / 230V, 3 phase 50/60 Hz
25 KVA (34A)