:ANAPURNA M2540 FB

True flatbed. True quality. True value.

:Anapurna M2540 FB is a high-speed flat-bed, UV-curable inkjet printer for graphic screen printers, photo shops and sign shops. With a true flat-bed that delivers near photo quality, the :Anapurna M2540 FB is designed to deliver exceptional value for your money.

It's 6-colour capability delivers a wide colour gamut and the on-board white ink lets you print on dark or transparent substrates for any application—indoor or out. The printer's photo-quality capability delivers sharp text, even as small as 4 points.

The :Anapurna's robust flat-bed construction makes printing on rigid and sheet media so accurate that you can produce perfectly aligned double-sided prints. The revolutionary 8-vacuum zone can handle your heaviest, most demanding workloads with ease.

With the :Anapurna M2540 FB you'll be able to deliver creative, eye-catching colour like never before.

:Anapurna M2540 FB sets a new standard for UV-curable flat-bed printing.

True flat-bed.

Revolutionary vacuum bed.

Agfa Graphics' revolutionary bed-design ensures extremely accurate and reliable dot placement. The vacuum on the bed is divided in 2 table zones of 4 different compartments. This allows you to use different-sized media without having to tape off the whole vacuum bed. This design also allows you to use separate parts of the bed for different jobs in the same print run and still maintain a perfect vacuum. The vacuum can even be reversed in order to aid lifting of large substrates after printing.

True quality.

6 colours and white for demanding conditions

:Anapurna UV inks (CMYK Lc Lm + white) dry faster and produce a wider colour gamut, and that allows you to use a wider variety of materials. Agfa Graphics' UV inks are proven to have great adhesion properties and high durability giving you longer lasting images that are resistant to outdoor conditions.

Due to the accuracy of the flatbed, we can print Pre- and Postwhite in a separate run with use of the full head. White ink is ideal to print on darker substrates or transparent media, as well as backlit and front-lit materials. You can even use it as a spot colour to highlight certain areas of an image.
:Anapurna M2540 FB has a separate white ink management system on-board. The white ink is stirred automatically at regular intervals ensuring that it is always in the best possible print condition.

Clean-cut prints

:Anapurna UV inks are flexible, making them the perfect choice for very demanding conditions, including temperature or humidity fluctuations. Agfa's durable inks let you make machine or laser cuts without damaging the image, giving you a clean-cut print every time.
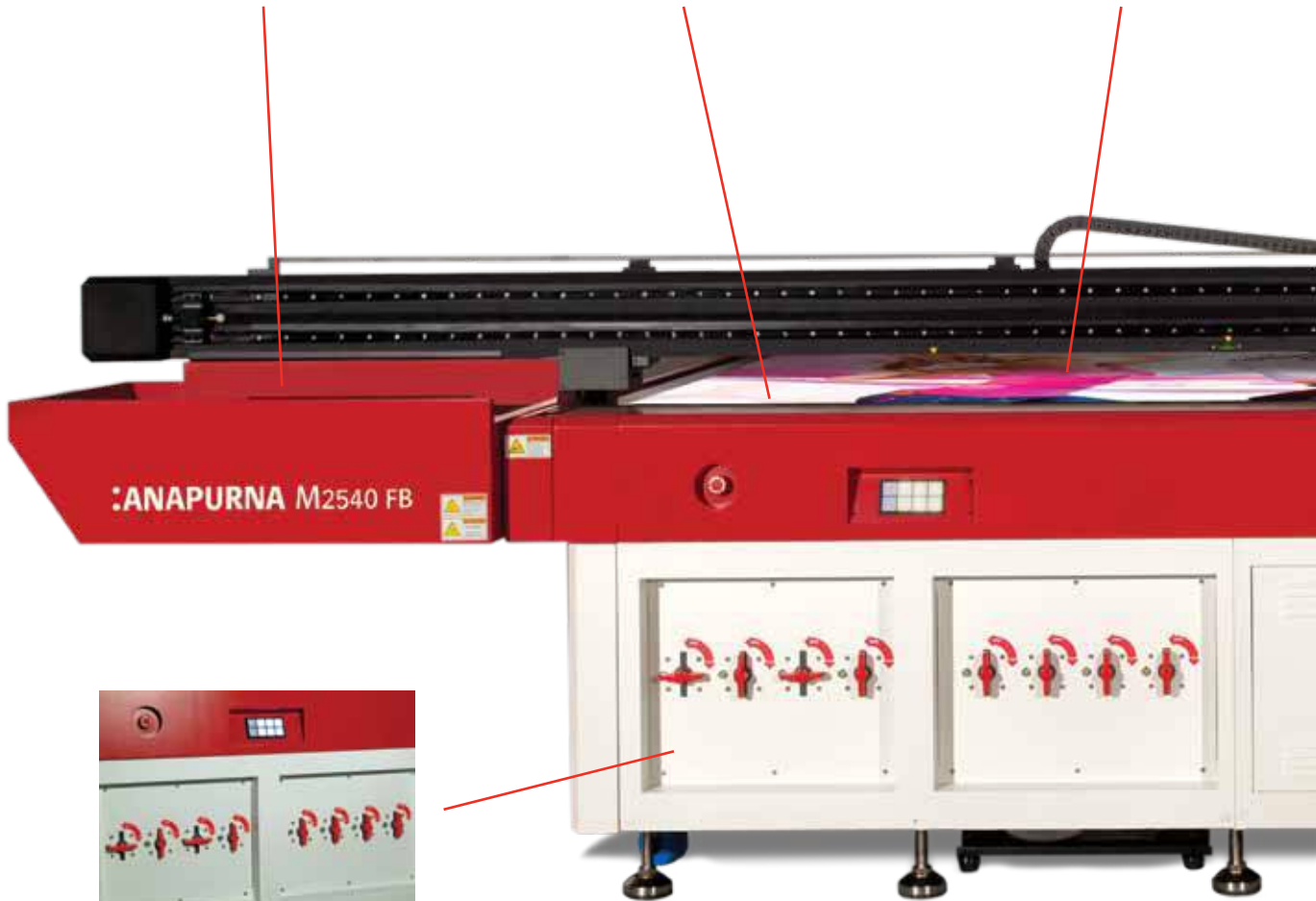
True flatbed. True quality. True value.

spandex

Capping station

Register pins

2 vacuum zones with 4 compartments each

:ANAPURNA M2540 FB

Switches to activate either of the 8 vacuum compartments

True value for your money

:Anapurna M2540 FB is built on a true flatbed architecture so it can print on practically any rigid media and sheet material. White ink and 6 colours with 12 pl print heads allow this high-quality engine to deliver prints that will give you and your customers a competitive advantage. Because you can print multiple jobs on various sized media, this :Anapurna is an ideal engine for step-and-repeat work.

Contact your local Agfa Graphics representative today. Let us prove how the :Anapurna M2540 FB will give you a fast return on investment and the means to profitability.

Wide range of media

:Anapurna M2540 FB can print on practically any rigid and sheet material. It delivers exceptional print quality on a wide variety of indoor and outdoor media and uncoated rigid media such as corrugated boards, rigid plastics, plexi-glass, mirrors, exhibition panels, wood, aluminium, MDF, stage graphics and advertising panels.

spandex

Easy to use operator panel

Shuttle safety sensors

CMYK LcLm + White

Ink control tray

Unlimited applications

The :Anapurna M2540 FB's multiple options and wide media capabilities let you attract current and new customers with a wide variety of applications: signs and displays, POS, in-house decoration, in-store communication and so much more. Because any material up to 4,5 cm thick that fits on the bed can be printed with the :Anapurna M2540 FB, the possibilities are endless.
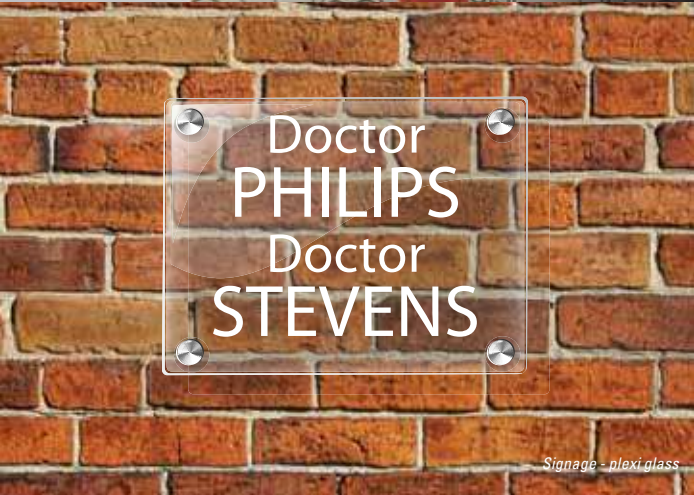
Signage - glass plate

In-house decoration - wood

Doctor
PHILIPS
Doctor
STEVENS

Signage - plexi glass

A variety of options to suite every need
- Choose to print multiple boards in one run to further enhance productivity.
- Use the printer's retractable register pins to position your prints for double-sided printing.
- Select the double-strike function to make your prints even brighter and more intense.
- Or choose borderless printing to avoid the extra finishing step, saving time and money.

:Anapurna M2540 FB AdvancedTechnology
- The :Anapurna M2540 FB is outfitted with 11 retractable register pins. They position substrates perfectly to facilitate accurate double-sided printing.
- While the printer is standing idle for long periods (e.g. the weekend) a head capping station prevents the print heads from clogging and enables immediate printing after restarting and warming up.
- Ionizer elements eliminates electro static loads on the substrate ensuring optimum ink droplet control.
- Although the revolutionary vacuum system holds the media very straight, a set of shuttle safety sensors on either side of the print carriage protects the valuable print heads by preventing them from hitting the media in case of irregularities.
- A handy tray on the side of the printer stores the ink. Ink bottles are easily accessible and ink levels are monitored closely. An audible signal and a light indicate which colour needs to be refilled.

:Anapurna M2540 FB in a nutshell

- CMYK + LcLm + White
- Pre- and post white
- Speeds up to 45 m²/hr. (484 ft²/hr)
- Max. print size 2,54 x 1,54 m
- Substrates up to 4,5 cm (1.77 in) thick.
- Multiple board printing
- Borderless printing
- Shuttle safety sensors
- For Digital Printers, Poster printers and Mid-Size Graphic Screen Printers

spandex

:ANAPURNA M2540 FB

POSITIONING

- Perfect fit for Digital Printers, Photo shops and Mid-Size Graphic Screen printers
- Heavy-duty, turnkey and complete industrial UV inkjet system
- Excellent solids and signs in 8 pass printing

DESIGN CONCEPT

- Robustly Engineered - Professional - Flatbed UV Wide Format Printer
- Includes all necessary components like 2 vacuum ring-blowers, shuttle safety sensors, ionizer elements.

ENGINE FEATURES

- Reinforced beam
- Automated Media registration pins 7 horizontal / 2 vertical
- 2 separate controlable vacuum tables with each 4 vacuum compartments (total 8 zones)
- 2 x 1,5kW ring blowers ring blower for strong vacuum situated in the engine for less noise
- Powerful fastcan motor
- Automatic control of vacuum strength (inverter based)
- Ionisation bar mounted on each side of carriage to remove electrostatic load on media
- Shuttle safety sensors on each side of the carriage
- Network and USB (2) connection
- Build-in printer controller
- Vacuum table with almost 11.000 vacuum holes Air lifting: reversible vacuum to easily remove large media

APPLICATIONS

- Banners, Posters, Exhibition graphics, POP, Mock-ups, Backlit, Frontlit, Self adhesives (Labels)
- Niche application: DVD printing, wood, Art reproductions, personalised object printing (mouse mats), …
- Party gadgets (beer coasters, …)
- Architectural and Interior decoration, Ceramics printing

SUBSTRATE FLEXIBILITY

- Media: 256x154 cm print size: 254 x 154 cm
- Flexible media 2515 x 1505 mm
- Borderless Printing: Rigid media 2535 x 1535 mm Multiple board printing
- Media thickness up to 45 mm
- Media weight up to 80 kg

COLOR GAMUT

- Capable of reproducing ISO 12647.2 in Poster (4pass Double Strike) and Photo (8 pass)

TEXT QUALITY

- Positive: 4 point
- Negative: 6 point

IMAGE QUALITY

- 4 pass bi-directional: poster quality mode for images and text.
- 8 pass uni-directional: photo highest quality mode for vector, signs, solids, images and text
- Uniform gloss
- Express Mode Fastest printing mode for draft & layout jobs. 45 m²/h
- Production Mode High productivity at an acceptable quality level. 26 - 28 m²/h
- Poster Mode Best balance between speed & quality. 15 - 17 m²/h
- Photo Mode For that extra bit of quality. 8 m²/h

BORDERLESS AND DUAL BOARD PRINTING

INKS

6 :Anapurna M G2 UV curable inks (CMYKLcLm)
1 :Anapurna (G3) white ink

HEADS

- 6 Konica-Minolta: 1024 nozzles/head with a droplet volume of 12pl (colours)
- 2 Konica-Minolta: 42pl (white in line)

ENGINE DIMENSIONS

4950 (w) x 1600 (h) x 2600(d)

WEIGHT

1866 kg

ELECTRICITY

- 380V - 415 V 3-phase star connection with Neutral wire (3x 30A*)
- 208V - 240V 3-phase delta connection without Neutral wire (3x 30A*)

SYSTEM INTEGRATION

RIP

- Wasatch SoftRIP Agfa Edition
- Ready to use :Anapurna M2540 media/ink profiles available from reseller partner

spandex | Leading Brands for Graphic Solutions