



# :ANAPURNA Mw

**Top quality wide format inkjet printwork for decorative indoor and outdoor applications... with a WHITE ink touch.**

**:Anapurna Mw** is a professional hybrid UV - printer, designed to produce quality wide format output in any print for pay industry environment on this, on a wide range of rigid and roll to roll media.

White ink is ideal to print on coloured or dark substrates. The white ink function creates new possibilities for printing on transparent material for backlit applications or printing white as a spot colour.

**:Anapurna Mw** delivers exceptional results for indoor and outdoor applications on a wide variety of uncoated rigid media as well as roll media.:Anapurna Mw makes high quality poster printing available to graphic screen printers, photo shops and sign shops.

**:Anapurna Mw** will make your wide format print-work more exciting. Your inkjet prints will grab your audience's attention with that extra touch of white.

# :ANAPURNA Mw

**Top quality wide format inkjet printwork for decorative indoor and outdoor applications... with a white ink touch.**

## **White is beautiful.**

The :Anapurna Mw's main difference with the rest of the :Anapurna M family is that it has a white printing function. White ink is ideal to print on coloured or dark substrates. The white ink function creates new possibilities for printing on transparent material for backlit or backlit/frontlit applications or printing white as a spot colour. It can even be used as a spot colour to bring in to focus certain parts of an image. You might even consider printing images on dark substrates using white ink only.

Stand out and let :Anapurna Mw differentiate your decoration and communication jobs.

## **:Anapurna Mw white is reliable.**

On Agfa Graphics' :Anapurna Mw engines, white printing is reliable and doesn't harm productivity.

Agfa Graphics has seen to it that the :Anapurna Mw has a fully separated white ink management system on board. The Mw has a separate circulation system, a separate under-pressure-regulation and a separate cleaning circuit. Moreover the white ink tank is equipped with a stirring mechanism to keep the ink properly mixed at all times.

## **Print quality. And it shows!**

The six 14 picolitre heads guarantee printing of good solids, fine text reproduction of up to 6 pt, good tonal rendering and low ink consumption. Next to the 8 (CMYK Lc Lm + 2 white) print heads this system features a robust and industrial engineered concept, fit for sustained higher work loads. The 512 nozzles per head produce top quality prints at 720 x 1440 dpi.



*In-house decoration - black dibond*



*In-house decoration - mirror*

**Automation for an easy life.**

:Anapurna Mw's *automatic vacuum system* delivers an equal vacuum throughout the whole printing process, whether printing roll or rigid materials. This ensures flawless media transport, giving accurate print results at all times! The ring-blower driving the vacuum system is built-in in the printer, reducing the noise for even more user convenience.

:Anapurna Mw incorporates a set of *shuttle safety* sensors to prevent print-heads from touching the substrate. This will avoid any possible damage to print-heads.

Media loading is very straightforward with automated features such as the media registration bar and head height adjustment. Dual board or borderless printing maximises the productivity.

An optional ionizer bar sees to it that there are no electro-static loads on the substrate, ensuring optimum ink droplet control and therefore delivering the highest print quality.

**Ink to print.**

The "Agfa-made" :Anapurna UV-curable inks provide a large colour gamut, high colour vibrancy and, thanks to good ink adhesion, high image longevity and outdoor resistance. Maintenance of the :Anapurna Mw is easy and during production the ink levels are monitored by the automatic ink refill system. There is no mounting, no waiting, no remakes. This printer uses :Anapurna UV inks for faster drying, material versatility and a wider colour gamut. It prints cleaner than other technologies. :Anapurna inks allow instant curing, making prints ready to handle immediately after leaving the engine.

**Possibilities galore!**

Switching between rigid and roll media is instant. Therefore :Anapurna Mw delivers exceptional print quality on a wide variety of indoor and outdoor media on uncoated rigid media, such as plexi glass, glass, mirrors, corrugated boards, rigid plastics, exhibition panels, stage graphics and advertising panels, as well as roll media such as film, vinyl and paper, canvas and banners up to 4,5 cm thick.

Thanks to its high application versatility (e.g. Displays, Posters, POP, In-house decoration, CD covers, beer coasters, party gadgets....) and affordable capital investment, :Anapurna Mw is the ideal UV - printer for the Sign, Photo and Graphic Screen printing industry.



*In-house decoration - dibond*



*In-house decoration - black forex*



*In-store communication - forex*

**:ANAPURNA Mw****POSITIONING**

- Perfect fit for Digital Print and Photo shops and Mid Size Graphic Screen printers
- High quality poster output at 14 m<sup>2</sup>/h (4pass printing)
- Good solids and signs in 8 pass printing
- Quality & creativity enhancement through spot and/or overall white in pre- or post printing

**DESIGN CONCEPT**

- Robust Engineered - Professional - Hybrid UV Wide Format Printer

**ENGINE FEATURES**

- Reinforced beam
- Automated Media Positioning bar mounted on table - registration of rigids
- Divided vacuum table, 2 parts
- 1,5kW ring blower for strong vacuum. Situated in the engine for less noise
- Accurate Media transport/feed
- Powerfull fastcan motor
- Automatic control of vacuum strength (inverter based)
- Full width ionizer bar to remove electrostatic load on media
- Crash Shuttle safety sensors on each side of the carriage
- Extended basic frame, to support ring blower
- Black coloured media transport belt
- Network connection
- Completely separated white ink circulation system
- Optional full width ionizer bar to remove electrostatic load on media

**APPLICATIONS**

- Displays, Backlit, Frontlit, Mirrors, Banners, Posters, Exhibit graphics, POP, Mock-ups, Self adhesives (Labels)
- Niche application: DVD print, wood, Art reproductions, personalized object printing (mouse mats), lenticular printing, ...
- Party gadgets (beer mats, ...)
- Architectural and Interior decoration, Ceramics printing

**SUBSTRATE FLEXIBILITY**

- Up to 160 cm media width
- Up to 158 cm print width
- Borderless printing  
Up to 152 cm media width
- Dual board printing  
Min.size: A3, landscape
- Media thickness up to 45 mm
- Media weight up to 10kg/m<sup>2</sup>
- Two rigid tables (rear & front)
- Optional: extra table set  
Extends max length 2.5m
- Roll-to-Roll  
Max. roll weight: 50kg  
Max. roll diameter: 36 cm

**COLOR GAMUT**

- Capable of reproducing ISO 12647 in 8 pass and 4 pass

**TEXT QUALITY**

- Positive: 4 point
- Negative: 6 point

**IMAGE QUALITY**

- 4 pass: poster quality mode for images and text. No imaging artifacts visible at 1.5 m viewing distance
- 8 pass: highest quality mode for vector, signs, solids, images and text
- Uniform gloss

**BORDERLESS PRINTING AND DUAL BOARD PRINTING PERFECTLY POSSIBLE****INKS**

7 Anapurna M UV curable inks (CMYK Lc Lm + White)

**HEADS**

- 6 Konica-Minolta : 512 nozzles/h with a droplet volume of 14pl (binary)
- 2 Konica-Minolta : 512 nozzles/h with a droplet volume of 42pl (binary)

**MAX PRODUCTIVITY**

- 8p uni - 720 x 1440 dpi - 4 m<sup>2</sup>/h
- 8p bi -720 x 1440 dpi - 7,5 m<sup>2</sup>/h
- 4p uni -720 x 720 dpi - 8,1 m<sup>2</sup>/h
- 4p bi - 720 x 720 dpi - 13,8 m<sup>2</sup>/h

**ENGINE DIMENSIONS**

3620 x 1600 x 1540 mm

**WEIGHT**

980 KG

**ELECTRICITY**

- 380V - 415 V 3-phase star connection with Neutral wire (3x 50A\*)
- 208V - 240V 3-phase delta connection without Neutral wire (3x 50A\*)

**UV-CURING**

- Lamps can be set to "half" or "full"

**SYSTEM INTEGRATION****RIP**

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