



:ANAPURNA M²

**Top quality wide format inkjet printing at PEAK PERFORMANCE
for indoor and outdoor applications.**

:Anapurna M² is a high-speed UV curable inkjet system suitable for graphic screen printers, photo shops and sign shops. Top printing quality and unrivalled printing speed make this turnkey industrial printing system first choice for all your sign and display print jobs.

Top class productivity is ensured with print output at 23 m²/hr.

There is no mounting, no waiting, and no remakes. This printer uses **:Anapurna UV inks** for faster drying, material versatility and a wider colour gamut. And it also prints cleaner than similar technologies.

:Anapurna M² - the new standard in UV-curable inkjet printing.

:ANAPURNA M²

Top quality WIDE FORMAT inkjet printing at peak performance for indoor and outdoor applications.

Anapurna M² is a heavy-duty, turnkey and complete industrial UV inkjet system, designed to produce top quality wide format output in any 'print for pay' industry environment, on a wide range of rigid and roll-to-roll media. All necessary components including ring-blowers, shuttle safety sensors, media transport and roll up systems which make the :Anapurna M² a guarantee for peak production are incorporated in the robustly engineered industrial inkjet design.

Speed is key.

Measured at optimum print shuttle speed, the system is capable of producing high quality poster output in the six colour mode at 23 m²/h. At that speed you will be able to maintain a high print production on all your substrates, satisfying your most demanding customers. Enhanced productivity will also enable you to handle more jobs making it possible to expand your customer database.

Print quality. And it shows!

The six 12 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 6 (CMYK Lc Lm) print heads this system features a robust and industrial engineered concept, fit for sustained higher work loads.

The 1024 nozzles produce top quality prints at 720 x 1440 dpi on uncoated rigid media, such as 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 of up to 4,5 cm thick.

In-house decoration - dibond



In-store decoration/communication - backlit



In-house decoration - tiles



In-house decoration - wood

Automation for an easy life.

:Anapurna M²'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 to a minimum for even more user convenience.

:Anapurna M² 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 *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 M² is easy and during production the ink levels are monitored by the automatic ink refill system.

:Anapurna inks allow instant curing, making prints *ready to handle* immediately after leaving the engine.

Anything goes!

Switching between rigid and roll media is instant. Therefore :Anapurna M² delivers exceptional print quality on a wide variety of indoor and outdoor media on uncoated rigid media, such as 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.

:ANAPURNA M²**POSITIONING**

- Perfect fit for Digital Printers, Photo shops and Mid-Size Graphic Screen printers
- Heavy-duty, turnkey and complete industrial UV inkjet system
- High quality poster output at 23 m²/h (4pass printing)
- Excellent solids and signs in 8 pass printing

DESIGN CONCEPT

- Robust Engineered - Professional - Hybrid UV Wide Format Printer
- Includes all necessary components like the vacuum ring-blower, shuttle safety sensors, media transport and roll up systems for guaranteed peak production

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 ionisation bar to remove electrostatic load on media
- Shuttle safety sensors on each side of the carriage
- Extended basic frame, to support ring blower
- Black coloured media transport belt
- Network connection

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

- 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/m²
- 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 bi-directional: poster quality mode for images and text. No imaging artifacts visible at 1.5 m viewing distance
- 8 pass uni-directional: photo highest quality mode for vector, signs, solids, images and text
- Uniform gloss

BORDERLESS PRINTING AND DUAL BOARD PRINTING**INKS**

6 :Anapurna M UV curable inks (CMYK Lc Lm)

HEADS

- 6 Konica-Minolta: 1024 nozzles/head with a droplet volume of 12pl (binary)

MAX PRODUCTIVITY

- 8p uni - 720 x 1440 dpi - 8.3 m²/h
- 8p bi -720 x 1440 dpi - 13.3 m²/h
- 4p uni -720 x 720 dpi - 16.5 m²/h
- 4p bi - 720 x 720 dpi - 23.1 m²/h

ENGINE DIMENSIONS

3620 (W) x 1600 (H) x 1540 (D) 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 M² media/ink profiles available from reseller partner



Ionizer bar prevents anti-static loads



Automatic vacuum system ensures flawless material transport