Anapurna M3200 RTR

A high quality 3.2 m wide roll-to-roll UV inkjet printer for indoor and outdoor applications.

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Anapurna M3200 RTR

Outdoor communication - Banner, flag, mesh

The Anapurna M3200 RTR 3.2 meter, roll-to-roll UV printer brings remarkable image quality at production-level speeds.
Designed as a heavy duty production tool for a broad scope of flexible media for indoor and outdoor applications, it is the ideal solution for sign & display makers, printing shops or commercial printers that want to produce high quality signage in 6 colors with a maximum resolution of 1440 dpi.

Printing on a variety of flexible and lower cost substrates, while using less ink and energy for a low total cost of ownership, the Anapurna M3200 RTR proves to be the eco-friendly printing solution that helps to increase your profit potential.

Dedicated roll-to-roll printer
The Anapurna M3200 RTR is a dedicated roll-to-roll printer specifically built for heavy 24/7 workloads. This is the printer that will get you large format banners up to 3,2 m wide serving the widest range of roll applications for outdoor and indoor prints.

Print quality.
The six KM1024i 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, up to 116 m^2/h productivity.

Shuttle safety sensors
Anapurna M3200 RTR incorporates a set of shuttle safety sensors to prevent printheads from touching the substrate. This will avoid any possible damage to the precious print-heads.

Instore communication - Paper

In-store communication - Mesh

Outdoor communication - Paper

Flawless media handling and perfect droplet control
Media loading is very straightforward with automated features such as the media-tension rollers (which keep media stretched at all times) and head height adjustment. 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.

User friendly operating system
All settings are conveniently arranged in a powerful straightforward graphic user interface with integrated touch-screen. Printed files are being spooled, viewed and stored by an internal bitmap server with a HD of 1 TB for ripped images for fast spooling and secure transfer of big amount of data.

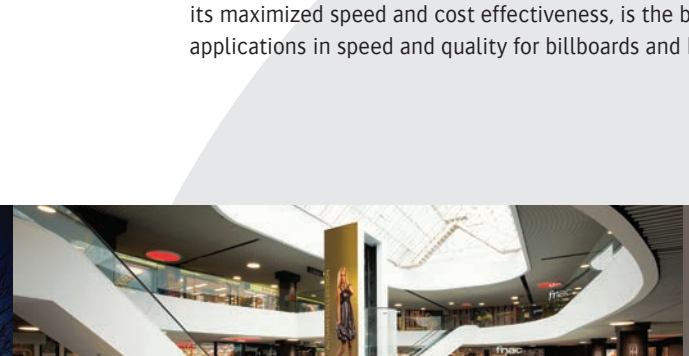
Dual roll printing possible
On this engine it is foreseen to install two rolls at a time giving you the opportunity to run 2 jobs next to each other. This enables you to use the printer efficiently at its full width on smaller media.

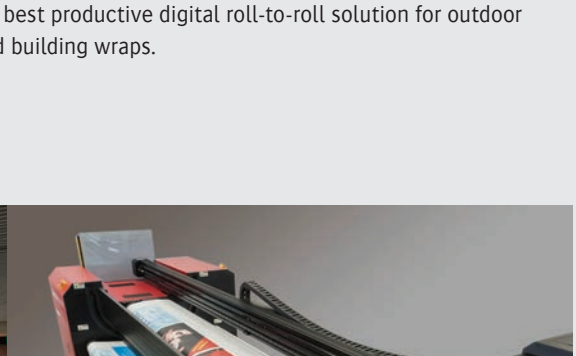
Optional trolley for heavier rolls
A specially designed trolley to handle heavy rolls up to 150 kg will save you a lot of trouble. Installing these heavy rolls now can be done smoothly.

High tech vacuum system in 2 zones
A vacuum system in 2 zones adds to the overall efficiency of the printing system. Switch on the zone you need in case of small roll printing. In case of dual roll printing, each roll gets the right vacuum applied.

Ink to print
The “Agfa Graphics-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 M3200 RTR 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.

Banners and billboards
Anapurna inks are ideal for a wide variety of roll materials such as fabric, canvas, vinyl, plastic film, paper and polyester including 100% PE eco-friendly opening many new markets. The Anapurna M3200 RTR with its maximized speed and cost effectiveness, is the best productive digital roll-to-roll solution for outdoor applications in speed and quality for billboards and building wraps.





In store communication - Banner, bache, self adhesive vinyl

Anapurna M3200 RTR

ENGINE FEATURES

- Reinforced beam
- 2-zone vacuum table for flawless media transport and accurate printing
- 1,5 kW ring blower for strong vacuum situated in the engine for less noise
- Accurate Media transport/feed
- Powerfull fastcan motor
- Automatic control of vacuum strength
- Ionisation bar removes electrostatic loads on media
- Shuttle safety sensors on each side of the carriage
- Extended basic frame, to support ring blower
- Network and USB (2) connection
- On-board controller with user friendly interface touchscreen

APPLICATIONS

- Banners, Posters, Exhibition graphics, POP, Mock-ups, Backlit, Frontlit, Self adhesives (Labels)

SUBSTRATE FLEXIBILITY

- Max media width of 320 cm
- Min media width of 61 cm
- Up to 320 cm print width
- Min media thickness of 0.2 mm
- Roll-to-Roll
  Max. roll weight: 150 kg
  Max. roll diameter: 35 cm
- Dual roll possible

COLOR GAMUT

- Capable of reproducting ISO 12647 in Poster

TEXT QUALITY

- Positive: 4 point
- Negative: 6 point

IMAGE QUALITY/PRODUCTIVITY

- Express mode @ 116 m^2/h
- High Production mode @ 54 m^2/h
- Production @ 38 m^2/h
- Standard @ 30 m^2/h
- High Quality @ 19 m^2/h
- High difinition @ 9 m^2/h

INKS

6 Anapurna RTR UV curable inks (CMYKLcLm)

HEADS

6 Konica-Minolta KM1024i high frequency print heads: 1024 nozzles/head with a droplet volume of 12pl (colours)

DIMENSIONS

5670 mm W x 1650 mm H x 1700 mm D

WEIGHT

2500 KG

ELECTRICITY

- 380V - 415 V 3-phase star connection with Neutral wire (3x 30A*) 50Hz
- 208V - 240V 3-phase delta connection without Neutral wire (3x 30A*) 60HZ

SYSTEM INTEGRATION

RIP

- Integrated production solution with Asanti, Wasatch or ErgoSoft RIP Agfa Edition available
- Ready to use Anapurna M3200 RTR media/ink profiles available

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