



Anapurna M3200i RTR

The Anapurna M3200i RTR is a high-speed 3.2 meter-wide roll-to-roll UV-inkjet printer. It prints top-quality indoor and outdoor banners and billboards in a six, a four, or a four color plus white configuration, at speeds up to 123 m²/hr.

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Overview

Your day-to-day roll-to-roll jobs? Hand them over to your rock-solid Anapurna M3200i RTR. This dedicated roll-to-roll UV-curable inkjet printer, which comes in a six color version, a four color version, and a four color plus white version, handles a broad scope of flexible media for indoor and outdoor applications. The four color plus white version stands out by its ability to print white in different modes to improve the opacity of the printed material as well as increase color contrast and readability. It thus transforms self-adhesive vinyl, PVC banners or backlit film into vibrant, multi-dimensional graphics that grab attention.

The Anapurna M3200i RTR can also handle dual roll printing. This means you stand to double your productivity when printing on smaller media — whether it's paper, vinyl or polyester.

Download

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- [Anapurna M3200i Broschüre \(German\)](#)
- [Anapurna M3200i RTR brochure \(Polish\)](#)
- [Anapurna M3200i brochure \(French\)](#)
- [Anapurna M3200i brochure \(Czech\)](#)
- [Anapurna M3200i brochure \(English\)](#)
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Watch the movie

Key Benefits

- High productivity thanks to latest generation of print heads
- Prints superior quality on a wide range of media
- White printing to improve opacity, color contrast and readability
- Optional dual-roll printing to heighten productivity
- UV-inks for faster drying, material versatility and a wider color gamut

Features

Latest Generation of Print Heads

Incorporating the latest generation of fast-firing print heads, the Anapurna M3200i RTR offers a high throughput while also achieving a high level of print quality. You will be able to maintain a high production on all substrates, satisfying your most demanding customers.

White printing to improve opacity, color contrast and readability

The Anapurna M3200i RTR plus white operates with Agfa Graphics' latest generation of white inks, which are highly opaque. This means you obtain a qualitative white output with low ink consumption on colored or dark substrates, as well as on transparent material for backlit or backlit/frontlit applications. Alternatively, you can use white simply as a spot color. Also, the Anapurna M3200i RTR plus white has the possibility to run pre- and/or post-white concurrently in one production run, greatly expanding application possibilities.

Multi-Layer Printing

The multi-layer printing feature enables different printing modes:

- **Pre-white:** printing white underneath color
 - **Post-white:** printing white on top of color
 - **Sandwich white:** color-white-color
 - **High-density color:** printing one color on top of another color for backlit applications
- Print heads can be divided in several parts, and each part can be assigned to a different or identical image, to be used for single-run high density.

Mesh Option

The mesh option allows for printing on mesh without liner, which represents an important cost benefit and

broadens the printer's scope of application. Conversion from and to the normal roll-to-roll function is easy.

Trolley (optional)

A specially-designed trolley to handle heavy rolls will save you a lot of hassle. It makes transporting and (un)loading of these heavy rolls a breeze.

Great GUI Design

The GUI design of the Anapurna M3200i RTR is very user-friendly. It contains multiple white ink features as well as different masking possibilities (random or gradient pattern). This enhances output quality when printing white and color in one print run.

On top of that, the GUI comes in eleven languages and contains a job log offering you an overview of your print jobs (total printed, print time, ink consumption...).

More Features

- High media feed accuracy with tension rollers to keep media stretched at all times
- Shuttle safety sensors to protect print heads
- Ink droplet control to ensure the highest print quality
- Reinforced beam
- Four-zone vacuum table for flawless media transport and accurate printing
- 1.5 kW inverter-driven ring-blower for strong vacuum, situated in the engine for less noise
- Powerful fastscan motor
- Automatic control of vacuum strength
- Ionization bar removes electrostatic loads on media
- Two iron-doped UV-lamps with gradually controllable intensity (gross life time about 1000 burning hours)
- Network and USB-3 (2) connection
- On-board controller with user-friendly touchscreen and keyboard on swivel arm

Applications

You can use the Anapurna M3200i RTR with a wide variety of roll media such as fabric, canvas, vinyl, plastic film, paper and polyester (including 100% PE eco-friendly material). It has an excellent track record with outdoor applications such as billboards and building wraps.







Technical Specs

Anapurna		M3200i RTR
Media & Printing Specifications		
Media width		61-320 cm (24"-126") Optional dual roll kit available: support for 2 rolls of 152.4 cm (60")
Print width		Up to 320 cm Optional dual roll kit available: support for 2 rolls of 152.4 cm
Borderless printing with mesh kit		Up to 320 cm media width (126")
Media thickness		Minimum 0.2 mm
Maximum roll weight		100 kg (150kg)
Maximum roll diameter		36 cm (14.17")
Productivity		
Express mode		Up to 75 m ² /h
Production mode		Up 38 m ² /h
Standard mode		Up to 30 m ² /h
High quality mode		Up to 23 m ² /h
High definition		Up to 18 m ² /h
Backlit		6 to 9m ² /h, depending on resolution
Print Heads & Inks		

Print heads	4 or 6 Konica-Minolta KM1024i high-frequency print heads: 1024 nozzles/head, 12 pl (colors)
Inks	4 or 6 Anapurna M UV-curable inks (CMYK / CMYKLcLm)
Text Quality	
Text quality positive	4 point
Text quality negative	6 point
Engine Weight & Dimensions	
Dimensions (w x h x d)	5960 x 1650 x 1980 cm
Weight	3500 kg
Floor Space	7.7 x 3 m
Electricity	
Europe	380 V 3-phase star connection with neutral wire (3 x 40A) 50/60 Hz
USA	230 V 3-phase delta connection without neutral wire (3 x 40A) 50/60 Hz
System Integration RIP / Workflow software	
Integrated production solution with Asanti; other RIPs on request	
Anapurna M3200i RTR media/ink profiles available on Asanti	
Safety approvals	
CE, FCC, ROHS	

Anapurna M3200i RTR + white	
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Print width	Up to 320 cm Optional dual roll kit available: support for 2 rolls of 152.4 cm
Borderless printing with mesh kit	Up to 320 cm media width (126")
Media thickness	Minimum 0.2 mm
Maximum roll weight	100 kg (150kg)
Maximum roll diameter	36 cm (14.17")
Productivity	
Express mode	Up to 75 m ² /h
Production mode	Up 38 m ² /h
Standard mode	Up to 30 m ² /h
High quality mode	Up to 23 m ² /h
High definition	NA
Backlit	6 to 9m ² /h, depending on resolution
Print Heads & Inks	
Print heads	6 Konica-Minolta KM1024i high-frequency print heads (1024 nozzles/head): 4 color ink heads with a droplet volume of 12 pl and 2 white ink heads with a droplet volume of 30 pl.

Inks	4 flexible color RTR inks (CMYK) 1 flexible white ink
Text Quality	
Text quality positive	4 point
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Availability

North America

Available in this region

South America

Available in this region

Europe

Available in this region

Asia

Available in this region

Africa

Available in this region

Oceania

Available in this region