





# :Anapurna M2540i FB

The Anapurna M2540i FB is a 6-color plus white high-speed, UV-curable flatbed inkjet printer which prints at speeds up to  $93\ m^2/h$ .



# Anapurna M2540i FB True flat

#### **High productivity**

The Anapurna M2540i FB is a high-speed UV-curable inkjet system on a moving gantry flatbed. It is an ideal engine for both step-and-repeat work and for printing multiple jobs on differently sized media. Borderless printing avoids an extra finishing step, saving time and money. Thanks to the multilayer printing feature the Anapurna M2540i FB prints several color and white ink layers in one run.

### **Excellent print quality**

Anapurna M2540i FB can print on practically any rigid and sheet material. It delivers exceptional print quality on a wide variety of indoor and outdoor media such as corrugated boards, plastics, plexiglass, mirrors, exhibition panels, wood, aluminum, and MDF. White ink and six colors with 13 pl print heads allow it to deliver prints that will give you and your customers a competitive advantage. The highdensity color printing function makes prints even brighter and more intense.

The vacuum bed ensures extremely accurate and reliable dot placement. It contains almost 11.000 vacuum holes and is divided in 2 separately controllable table zones with each 4 compartments, so that you can print differently 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 be reversed to aid lifting of large substrates after printing.

**\*ANAPURNA** M2540iFB

# SIX COLORS AND WHITE FOR DEMANDING JOBS

Anapurna UV inks (CMYK Lc Lm + white) dry fast and produce a wide color gamut, enabling the use of a wide variety of materials. Their great adhesion properties and high durability result in longlasting images that are resistant to outdoor conditions, including temperature or humidity fluctuations.

White ink is ideal to print on darker substrates or transparent media, as well as on backlit and frontlit materials. Due to the accuracy of the flatbed, pre-, post- and sandwich white can be printed concurrently. When used as a spot color, it can highlight certain areas of an image. The Anapurna M2540i FB uses the latest generation of Agfa-made white inks, offering high opacity at low ink coverage due to its large amount of pigments. Characterized by low sedimentation, the new white ink also avoids clogging of the print heads. The separate white ink circulation system automatically stirs the ink at regular intervals to ensure that it is always in the best possible print condition.



The advanced GUI design fully supports the white application features.

# bed. True quality. True value.



A handy **tray** stores the ink. Ink bottles

are easily accessible and ink levels are

monitored closely.

With the Anapurna M2540i FB you can attract new business with a wide variety of applications: banners, posters, signage, displays, exhibition graphics, POP & POS, mock-ups, backlits, frontlits, self-adhesives (labels). Also niche applications: DVDs, wood, art reproductions, personalized objects, party gadgets, as well as architectural and interior decoration, ceramics... Because any material up to 4.5 cm thick can be printed with the Anapurna M2540i FB, the possibilities are endless.



AGFA 4960



## Anapurna M2540i FB

Media & Printing Specifications	
Rigid media	
Maximum width	2.54 m (8.33 ft)
Maximum length	1.54 m (5.05 ft)
Minimum size	DIN A4 (11.7 x 8.26")
Thickness	Min. 0.2 mm (0.008") - max. 45 mm (1.77")
Maximum weight	100 kg on printing table, evenly distributed
Borderless printing	Up to 2.535 m x 1.535 m (8.32 ft x 5.03 ft)
Flexible media	
Maximum width	2.515 m (8.25 ft)
Maximum length	1.505 m (4.94 ft)
Minimum size	DIN A4 (11.7 x 8.26")
Thickness	Min. 0.2 mm (0.008")
Borderless printing	Up to 2.535 m x 1.535 m (8.32 ft x 5.03 ft)
Productivity	
Draft mode	93 m <sup>2</sup> /hr (1001 ft <sup>2</sup> /hr)
Express mode	58 m <sup>2</sup> /hr (624 ft <sup>2</sup> /hr)
Production mode	32 m <sup>2</sup> /hr (344 ft <sup>2</sup> /hr)
Standard mode	26 m <sup>2</sup> /hr (280 ft <sup>2</sup> /hr)
High-quality mode	18 m <sup>2</sup> /hr (194 ft <sup>2</sup> /hr)
High-definition mode	9 m <sup>2</sup> /hr (97 ft <sup>2</sup> /hr)
Media	
Media types	Reinforced vinyl, pressure-sensitive vinyl, canvas, fabrics, foam board, corrugated
	board, lenticular, tile, drywall, glass, sheet metal, paper and more
Print Heads & Inks	
Print heads	6 Konica-Minolta KM1024i high-frequency color print heads:
	1024 nozzles/head with a droplet volume of 13 pl
	2 Konica-Minolta KM1024i high-frequency white print heads:
	1024 nozzles/head with a droplet volume of 30pl
Inks	6 Anapurna UV-curable inks (CMYKLcLm) 1 Anapurna white ink
Image & Text Quality	
Prints high quality	Up to 540 x 1080 dpi
Text quality	Positive 4 point, negative 6 point
Engine Weight & Dimensions	
Flatbed printer dimensions (W x H x L)	5.250 m x 1.7 m x 2.9 m (17.22 ft x 5.57 ft x 9.51 ft)
Flatbed printer weight	2080 kg (4585 lb)

## Electricity & Compressed Air

Electricity 380V - 415 V 3-phase star connection with Neutral wire (3x 30A\*) 208V - 240V 3 phase, no neutral with ground (3x 35A\*) Compressed air

### System Integration RIP / Workflow software

Asanti, third-party rips

