Anapurna M2050i

The Anapurna M2050i is a 2.05-meter-wide, hybrid UV-curable inkjet printer. Top class productivity is ensured with print output at 90 m²/h.

Anapurna M2050i

The Anapurna M2050i is a 2.05-meter-wide, hybrid UV-curable inkjet printer. Top class productivity is ensured with print output at 90 m²/h.

Anapurna M2050i

Overview

Productivity is key for the Anapurna M2050i. Incorporating the latest generation of print heads with double the amount of print nozzles, it offers a high throughput as well as high quality. Its new electromechanical redesign has made it even more robust, fit for sustained higher workloads. It prints 205 cm wide and reaches print speeds of up to 90 m²/h. In six colors – and white.

The machine's perfectly matched hardware, print head, ink and software components constantly work together to ensure premium print quality and enhanced productivity. Regardless of whether you are printing on paper, wood, or even ceramics.

The hybrid printer uses UV-inks that have a wide color gamut, adhere well on difficult substrates and dry fast. You'll see your time to market shrink. Your company and the Anapurna M2050i: the perfect match, don't you think?

Download

- Anapurna M2050i brochure (English)
- Anapurna M2050i brochure (German)
- Anapurna M2050i brochure (Polish)
- Anapurna M2050i brochure (Turkish)

Watch the movie

Key Benefits

- UV-ink for fast drying, material versatility and a wide color gamut;
- Automatic vacuum system for flawless media transport;
- Automatic board feeding for optimized productivity;
- Multiple board or borderless printing;
- Pre- and post-white in one run;
- Perfect ink droplet control for the highest print quality.

Features

Latest generation of fast-firing print heads

Incorporating the latest generation of fast-firing print heads, the Anapurna M2050i offers an impressive throughput of up to 101 m²/h. The machine enables you to maintain a high print production on all substrates, satisfying even your most demanding customers. And dual-board or borderless printing increases productivity even more.

White Ink Management Concept

The Anapurna M2050i has a highly reliable white ink management system, consisting of a separate circulation system, a separate under-pressure regulation and a separate cleaning circuit. The white ink tank is equipped with a stirring mechanism to keep the ink properly mixed at all times. The Anapurna M2050i has the possibility to run pre- or post-white in one production run, greatly expanding application possibilities.

Automatic Board Feeding

The printer can have an automatic board feeder added in order to increase productivity even more. The optional automated board-feeding table provides an automated solution for volume printing of small board sizes.

More features

- Reinforced beam
- Automated media positioning bar mounted on table – registration of rigids
- Divided vacuum table, four parts
- 1.5 kW ring-blower for strong vacuum, situated in the engine for less noise
- Accurate media transport/feed
- Powerful fastscan motor

- Automatic control of vacuum strength (inverter-based)
- Ionization bar mounted on each side of the carriage
- Network and USB3 (2) connection
- On-board controller with touchscreen

Applications

- Banners, posters, exhibition graphics, POP, mock-ups, backlit, frontlit, self-adhesives (labels)
- Niche applications: DVD printing, wood, art reproductions, personalized object printing…
- Party gadgets (beer coasters…)
- Architectural and interior decoration, ceramics printing

Technical Specs

Media & Printing Specifications	
Media width	Up to 207 cm
Print width	Up to 205 cm
Borderless printing	Up to 199 cm media width
Multiple board printing	Minimum size: A2, landscape
Media thickness	Up to 45 mm
Media weight	• Rigids: up to 10 kg/m² • Roll-to-roll: up to 50 kg
Media diameter (roll-to-roll)	Up to 36 cm
Tables	• 4 rigid tables (2 rear & 2 front) • Extends max length 3.2m
Productivity	
Draft mode	90 m²/h
Express mode	63 m²/h
Production mode	32 m²/h
Standard mode	25 m²/h
High-quality mode	19 m²/h
High-definition mode	15 m²/h
Print Heads & Inks	

Print heads	• 6 Konica-Minolta KM1024i heads: 1024 nozzles/head, 12 pl (colors) • 2 Konica-Minolta KM1024i heads: 1024 nozzles/head, 30 pl (white in line)
Inks	7 Anapurna M G2 UV-curable inks (CMYKLcLm + white)

Text Quality

Text quality positive	4 point
Text quality negative	6 point

Engine Weight & Dimensions

Dimensions (w x h x d)	4580 x 1690 x 1540 cm
Weight	1800 kg

Electricity

Europe	380V 3-phase star connection with neutral wire (3x 32A*) 50/60Hz
USA	230V 3-phase delta connection without neutral wire (3x 30A*) 50/60 Hz

System Integration RIP / Workflow software

Integrated production solution with Asanti, other RIPs on request
Ready to use Anapurna M2050i media/ink profiles available (Asanti)

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