



# Anapurna M2500i

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## Overview

The Anapurna M2500i is all about productivity. Its new design introduces more accurate dot positioning, an enhanced curing system, and higher performing print heads.

These assets make the Anapurna M2500i a perfect fit for sign shops, digital printers, photo labs and mid-size graphic screen printers. Use it for color or white printing, for rigid and roll media, and for indoor and outdoor applications.

## Related Information

- [Sign & Display](#)
- [Anapurna M2500i Brochure](#)
- [Anapurna M2500i Broschüre](#)



## Asanti

Asanti offers an automated workflow for the wide-format printer market. It streamlines your processes and ensures consistent results.

[Read more](#)



## Anapurna UV-curable Inks

Piezoelectric, UV-curable inks are the lifeblood of your Anapurna printer. They are top performers both during and after printing.

[Read more](#)

## Key Benefits

- Highly productive engine (up to 115 m<sup>2</sup>/hr)
- UV-ink for fast drying, material versatility and a wide color gamut;
- Highly accurate dot positioning for excellent image quality;
- High-tech vacuum system for flawless media transport.



## Features

### Latest generation of fast-firing print heads

Incorporating the latest generation of fast-firing print heads, the Anapurna M2500i offers a high throughput (up to 115 m<sup>2</sup>/h) while also achieving a high level of print quality. You will be able to maintain a high print production on all substrates, satisfying your most demanding customers.

### Flawless Media Handling

Media loading is very straightforward with automated features such as the media registration bar and head height adjustment. The Anapurna M2500i's automatic vacuum system delivers an equal vacuum during the 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 into the printer, reducing noise to a minimum. In addition, the Anapurna M2500i incorporates a set of shuttle safety sensors to prevent print heads from touching and damaging the substrate.

### Ink Monitoring

During production the ink levels are monitored by the automatic ink refill system. The refill system can be accessed easily, enabling a spotless refill of your ink containers.

The white ink is managed by a separate system (circulation, under-pressure regulation and cleaning circuit). The tank in which it is contained is equipped with a stirring mechanism to keep the ink properly mixed at all times. The Anapurna M2500i has the possibility to run pre- or post-white in one production run greatly expanding your application possibilities.

### Automatic Board Feeder (optional)

The printer can have an automatic board feeder added in order to increase productivity substantially. This



optional automated board feeding table provides an automated solution for volume printing of small board sizes (up to five boards can be printed in parallel).

## More features

- Multiple board printing
- Borderless printing
- Reinforced beam
- Automated media positioning bar mounted on table for the registration of rigids
- Divided vacuum table, four zones
- 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 carriage to remove electrostatic load on media
- Shuttle safety sensors on each side of the carriage
- Extended basic frame, to support ring-blower
- Network and USB3 (2) connection
- On-board controller with touch screen

## 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 250 cm  |
| Print width                     | Up to 250 cm  |
| Borderless printing             | Up to 247 cm  |
| Multiple board printing         | Minimum width: A2, landscape  |
| Media thickness                 | Up to 45 mm   |
| Media weight                    | <ul style="list-style-type: none"> <li>• Rigids: up to 10 kg/m<sup>2</sup></li> <li>• Rolls: up to 50 kg</li> </ul>           |
| Media diameter (roll-to-roll)   | 36 cm   |
| Tables                          | <ul style="list-style-type: none"> <li>• 2 rigid tables (1 rear &amp; 1 front)</li> <li>• Extends max. length 3.2m</li> </ul> |
| Productivity                    |   |
| Draft mode                      | Up to 115 m <sup>2</sup> /h   |
| Express mode                    | Up to 69 m <sup>2</sup> /h  |
| Production mode                 | 35 m <sup>2</sup> /h  |
| Standard mode                   | 28 m <sup>2</sup> /h  |
| High-quality mode               | 20 m <sup>2</sup> /h  |
| High-definition mode            | 16 m <sup>2</sup> /h  |
| Print Heads & Inks              |   |

|   |   |
|---|---|
| Print heads   | <ul style="list-style-type: none"> <li>• 6 Konica-Minolta KM1024i heads: 1024 nozzles/head, 12 pl (colors)</li> <li>• 2 Konica-Minolta KM1024i heads: 1024 nozzles/head, 30 pl (white)</li> </ul> |
| Inks  | 7 Anapurna M G2 UV-curable inks (CMYKLcLm + white)  |
| <b>Text Quality</b>   |   |
| Text quality positive   | 4 point   |
| Text quality negative   | 6 point   |
| <b>Engine Weight &amp; Dimensions</b>                             |   |
| Dimensions (w x h x d)  | 4750 x 1690 x 1730 mm   |
| Weight  | 2200 kg   |
| <b>Electricity</b>  |   |
| Europe  | 380 V 3-phase star connection with neutral wire (3x 32A*)<br>50/60Hz  |
| USA   | 230 V 3-phase star connection without neutral wire (3x 32A*)<br>50/60Hz   |
| <b>System Integration RIP / Workflow software</b>                 |   |
| Integrated production solution with Asanti, other RIPs on request |   |
| 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