



General Inkjet Printing: Digital inkjet printing system **:LABEL MODULAR series**

POWERED BY :ASANTI
AGFA 

- +** Modular production process collocation meets complex requirements for label printing.
- +** Combined structure, can be flexibly configured according to the actual production process.
- +** Coating, Printing, Varnishing, Foil-stamping, One-click production.
- +** High precision printing quality.
- +** A cost-effective digital printer for label printing.

Stable high-precision printing unit

High-precision printhead, can provide variety color options, to achieve more vivid color representation, more high-resolution printing quality and variety of special application effects, to meet different label printing needs.

Maximum printing speed up to 75m/min, multiple printing modes for various applications.

Up to 8 color channels, provide variety color options. Standard configuration: CMYK+ White (optionally available as double White), can add 3 sets of spot colors(OGV).

▼ 1200dpi

The new generation imported high-precision printheads has a higher lifetime, maximum resolution up to 1200×1200dpi. It enhanced continuous, high-speed, high-quality printing stability. Color level transition is more natural, which can achieve high-definition, realistic color printing quality.



Powered by Agfa Asanti
Agfa Asanti software workflow system

Fully integrated with Agfa Asanti Prepress workflow to ensure the highest reliability and simply operation.



Easy to use software workflow system

Agfa Asanti software workflow system

Asanti allows you to trace all prepress steps, and smart visualized operation interface keeps you updated on current production status.

Asanti adopts the latest Adobe PDF printing engine (APPE), ensuring reliable, high-quality rendering, precise file processing.

Automatically checks files at any time to align with printing requirements.

Digital hot stamping and digital varnish control software

It features outstanding design and editing functions, supports dedicated color management for special inks, and has excellent print control capabilities.

The multi-channel ink output mode can be customized to meet the output requirements of digital hot stamping and digital varnish on different materials.

Modularly combined as required

Support flexible configuration according to the actual production process requirements, such as Coating, Flexo printing, Movable hot stamping, Die-cutting and Intelligent online detection. Give full play to the respective advantages of digital and flexo printing, meet the process requirements of diverse production, ensure the efficiency and customization of the production process, and deliver orders quickly at a lower cost.



:LABEL MODULAR series

Specifications

Label Modular	330	450	330 HD	450 HD		
Technical Specification						
Printing Technology	Piezoelectric Inkjet					
Print Method	Roll to Roll, One - Side					
Color Configuration	Supports up to eight colors (CMYK+W+OGV)					
Number Of Channels	8					
Maximum Speed	47 m / min (600dpi×600dpi); 23 m / min (600dpi×1200dpi)		75 m / min			
Resolution	600 × 600 dpi / 600 × 1200 dpi		1200 × 1200 dpi			
Ink Type	UV Ink					
Curing Method	UV LED + Mercury lamp					
Media						
Media Width	150 - 340 mm	220 - 450 mm	150 - 340 mm	220 - 450 mm		
Maximum Print Width	316 mm	425 mm	316 mm	425 mm		
Media Thickness	50 - 400 µm					
Media Type	PET, BOPP, PE, BOPA PP, Coated paper, Synthetic paper, Art paper, etc					
Maximum Media Roll Diameter	650 mm					
Power						
Power Supply	380V					
Power	18 - 80 kW (according to configuration)					
Compressed air	> 6.5 MPa					
Air consumption	> 10L/min					
Environment						
Operation Temperature	20 - 27°C					
Operation Humidity	40 - 70% RH					
System Components						
Skew Adjustment System	✓					
Electrostatic Dust Removal	✓					
Water Cooling System	✓					
Coating Unit	Optional					
Varnishing	Optional					
Cold Foil Stamping	Optional					
Hot Foil Stamping	Optional					
Visual Inspection	Optional					

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