



# General Inkjet Printing: Digital inkjet printing system :FALCON series



- + Movable digital printing platform, with no restrictions on printing sequence.
- + Can be installed onto the existing flexo printing line.
- + Coating, Printing, Varnishing, Foil-stamping, One-click production.
- + High precision printing quality.
- + A cost-effective digital printer for label printing.

## 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.

### Spot color matching

Built-in Pantone color library, supports custom spot colors, enabling efficient and precise color matching.

It can save spot color data, establish your own color library, and directly call it for the reprint, achieving zero color difference.

## Stable high-precision printing unit

Max.printing speed up to 80m/min, multiple printing modes for various applications.

The new generation imported high-precision printheads have a longer lifetime, max.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.

Optional CMYK or White.

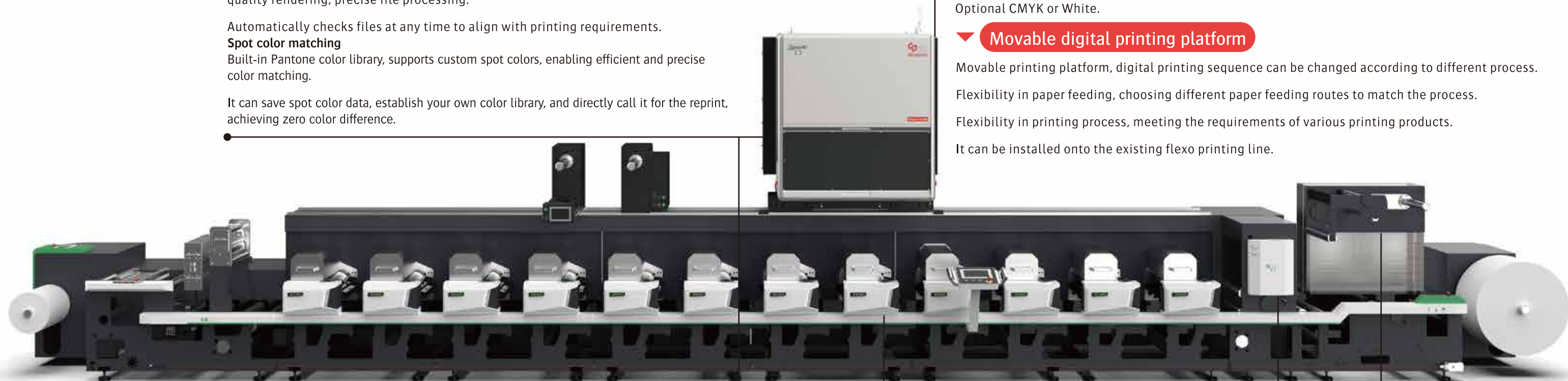
### ▼ Movable digital printing platform

Movable printing platform, digital printing sequence can be changed according to different process.

Flexibility in paper feeding, choosing different paper feeding routes to match the process.

Flexibility in printing process, meeting the requirements of various printing products.

It can be installed onto the existing flexo printing line.



## High quality UV eco-friendly inks

High color concentration, it can save the ink consumption under the same conditions.

GIP certified inks boast a large color gamut and sharp, vibrant images, which can achieve 88% Pantone coverage under the standard 4 colors.

Obtained multiple certifications and comply with a range of industry norms pertaining to product safety as well as chemical emissions and air quality.

## 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.

## Powered by Agfa Asanti Agfa Asanti software workflow system

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



Modulariz-  
ation

Flexibility

Full  
Configuration

Spot color  
Matching

Super Fine  
Quality

No  
Restrictions



# FALCON series

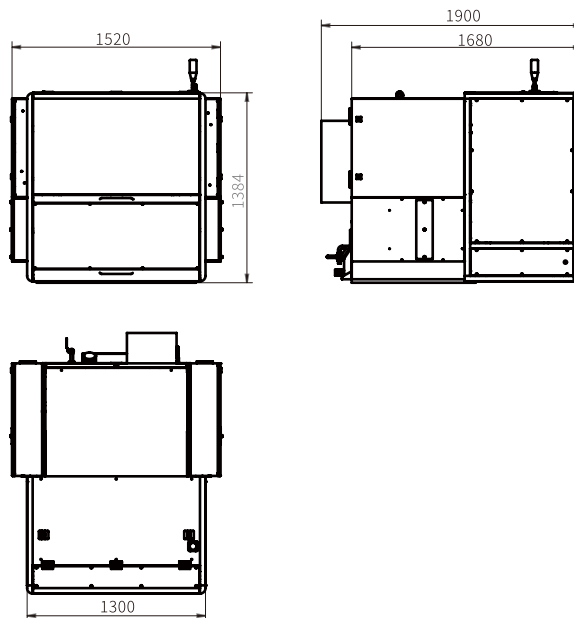
## Specifications

FALCON	330 HD	450 HD	330C <sup>4</sup> HD	450C <sup>4</sup> HD
Technical Specification				
Printing Technology	Piezoelectric Inkjet			
Color Configuration	W		CMYK	
Maximum Speed	50 m/min		80 m/min	
Resolution	1200 × 1200 dpi			
Ink Type	UV Ink			
Curing Method	UV LED			
Media				
Media Width	150 - 340 mm	220 - 450 mm	150 - 340 mm	220 - 450 mm
Maximum Print Width	319 mm	426 mm	319 mm	426 mm
Media Thickness	50 - 400 μm			
Media Type	PET, BOPP, PE, BOPA PP, Coated paper, Synthetic paper, Art paper, etc			
Power				
Power Supply	380V			
Power	18 - 80 kW (according to configuration)			
Compressed air	> 6.5MPa			
Air consumption	> 10L/min			
Environment				
Operation Temperature	20 - 27°C			
Operation Humidity	40 - 70% RH			

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### Product Layout ▶

Unit : mm



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