



ATPColor DFP-330K

A Complete Direct-to-Fabric Solution

FEATURES

Based on a completely new developed system the new family of direct-to-fabric digital printers provides a complete solution that enables printing directly onto polyester fabrics and other fabric substrates with flawless results. The system features precision media handling components and an advanced on-board sublimation unit that together ensure outstanding image quality and rich, saturated colors for flags, banners, textiles, and soft signage that maintain their natural drape and texture. Industrial built digital textile dye sublimation printer. On-board true calender with pressure, timing and heat. Three widths available: 74" (1.8 meter), 104" (2.6 meter) and 126" (3.2 meter) print widths. Water-based inks. State-of-the-art Kyocera 4pL variable drop print heads. 2X faster than anything comparable on the market.

PRINT ON MESH FABRICS

The ATPColor solution is designed to easily print on open mesh fabrics such as flag material and sports textiles without marking the backside of the fabric with "blow-by" ink. The especially designed ink trough with sponge and pad absorbs any ink that passes through the fabric.

DESIGNED TO BE RUGGED AND RELIABLE

The ATPColor direct-to-fabric printing systems combines trusted performance and reliability with award winning innovative design and print quality.

MEDIA HANDLING SYSTEM

The engineered system features two precision stepping motors and synchronized dancing rollers that automatically fine tune the media feeding process to ensure precise movements with every pass of the print head. Also a special cork covered cylinder can be activated when printing on stretchable media such as Lycra®, spandex and other sports textiles.



FLEXIBILITY

Although the ATPColor system was designed to print directly on fabric, you have the flexibility of printing on dye sub transfer paper for those projects that require it.

OPTIONAL INLINE CUTTING SYSTEM

Specifically designed for the ATPColor Direct-to-Fabric systems, the InLine Cutting System dramatically increases the ATPColor capabilities.

The production process is made easier and faster by cutting printed fabric on the vertical axis. The system uses cold knife technology to make sharp flawless cuts.

The InLine Cutting System can be stopped or paused without creating defects in the printed fabric a significant advantage over traditional hot knife systems.

The ATPColor Direct-to-Fabric printers provide a very productive work flow with sublimation printing directly onto the fabric then fixing or sublimating the image.

Now with the addition of the InLine Cutting System, you can also cut the fabric, while keeping it contained within the footprint of a single compact roll-to-roll printer system.

Features:

- Rotating Steel Cutter Bar driven by precision 24VDC motor
- Heavy Duty construction for industrial use Cold Knife Technology
- Adjustable Knives, 4 included with the 74" version, 6 included with the 104" version
- Compact Foot Print, Mounts to OBS Unit, resulting in no increase in printer footprint Includes all accessories necessary for installation.



THE MAGIC ART
OF COLORS

Made in Italy
Quality
Technology
Creativity



ATPColor DFP-330K

ATPColor DFP-330, A Complete Direct-to-Fabric Solution

- Produce flag, banners, textiles and soft signage with a single system;
- Print directly onto coated or uncoated polyester fabrics;
- No need for transfer paper or separate heat press;
- High Capacity Bulk Ink System – ideal for unattended printing and lower production costs;
- On Board Sublimation System bonds the printed image to the fabric resulting in a permanent, durable image;
- Intelligent Workflow – Roll-to-roll operation minimizes requirement for operator oversight;
- Unattended automatic turn-off, the system can finish, completely unattended a printing and color fixation job, it will finish curing the textile and it will turn off the calender, everything automatic.

SPEED CHART

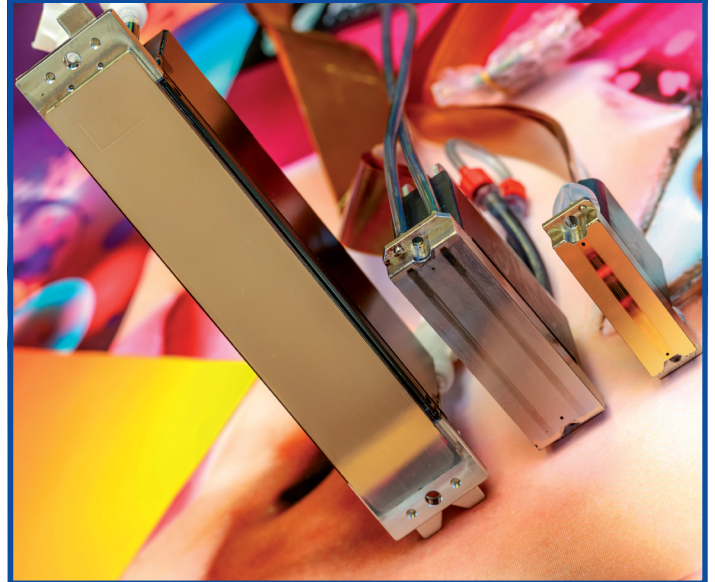
4 Kyocera heads	Passes	Resolution	Speed
DFP194	1	600x300	220 sqm/h
DFP334	1	600x300	330 sqm/h
DFP194	1,1	600x300	195 sqm/h
DFP334	1,1	600x300	280 sqm/h
DFP194	2	600x600	150 sqm/h
DFP334	2	600x600	230 sqm/h
DFP194	2,1	600x600	120 sqm/h
DFP334	2,1	600x600	180 sqm/h
DFP194	4,1	600x300	90 sqm/h
DFP334	4,1	600x300	130 sqm/h

PRINTER TECHNICAL SPECIFICATIONS DFP334K

Printing Width	330 cm
Printing Heads	Kyocera
Color	4 color
Resolution	max 1200 dpi
RIP Software	Included
Max Speed	180 sqm/h 2 pass mode 600 dpi
Ink Bulk System	4 x 2,5 lt
Calender Type	Specially Developed for maximum heating homogeneity
Max fixation temperature	200 °C
Max fabric roll weight	120 kg
Max fabric roll diameter	350 mm
Dimension	530x120x160h cm
Power Consumption	12 KW
Power Supply	400V/32 Amps 3phase
Optional Accessories	Inline Cutting System Jumbo Roll Unwinding/ Rewinding
Environmental Requirements	20-25°C - Humidity 45-80%

All specifications subject to change without previous notice

Print Heads Comparison: Kyocera, Ricoh G5, Ricoh G4



No 1+1

A complete Direct-to-Fabric solution, it is a single process, from printing to cutting. Does not need separate calender; Does not need transfer paper; Does not need protective paper; Easily not attended WorkFlow.



High Speed

Speed of printing, speed of color fixation speed of workflow, the return of the investment it is much easier when reducing at the minimum the production bottleneck.



UV Resistant

Dedicated inks, direct printing, state of the art color fixation, all this components can deliver a high UV resistant compare to the traditional paper transfer printing.



InLine Cutting

The production process is made easier and faster by optional cutting printed fabric on the vertical axis. The system uses cold knife technology to make sharp flawless cuts. The InLine Cutting System can be stopped or paused without creating defects in the printed fabric – a significant advantage over traditional hot knife systems.



Show through

Our solution provide flags with a perfect show through, the flag appears to be double sided printed, with flat colours and also with images.



Green solution

We make the most possible usage of the heating power, our system has a power consumption that is just a fraction 1/5 or 1/3 of other solution.



No Banding

The ATPColor direct-to-fabric printing system features two precision stepping motors and synchronized dancing rollers that automatically fine tune the media feeding process to ensure precise movements with every pass of the print head.



No toaster

We have direct contact between the printed surface of the media and the heated surface of the calender. Heat it is needed to fix the colour, we have contact heating. Others solutions for direct printing are just..... toaster.

ATPColor srl

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