



The Eagle

Hybrid Series



Made in Italy



eagleuvled.com

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The latest technologies at your service

The Eagle, was created to answer to industrial needs of flexible and high quality prints without reduce the output volumes.

The Eagle Hybrid series is developed with a dedicated line of inks for printing on materials like metal, leather, glass and ceramic with high quality and hold.

Every Eagle can be customized to suit the customer needs like the Eagle Line that detect automatically the objects to print realizing prints with an accurate and constant positioning making it perfect to create a continuous printing line.

To extend the quality and versatility of Eagle to customer who needs large print area we have developed the **XL version of Eagle** with a print width of 700 or 1300mm while the print length is customizable from 2,5 to 5 meters.



Eagle Line



The printers remote management via tablet allows you to get an overview of the printer status and be able to perform routine management tasks without the need to physically visit the printer.



PHPC system produces uniform prints and ensures that the head installed in the printer is protected from strikes by constantly checking the position.

IRS is an innovative system that allows your machine to improve performance through a constant recirculation of white ink that prevents creation of sediment and clogging of the nozzles in the head after long periods of inactivity.

New printheads

The new print heads have a better performance, they last longer, thanks to the mirror treatment to prevent the deposit of color and clogging of the print nozzles. Furthermore, the new Eagle print heads can print with variable dot size delivering smooth gradations, vibrant colors, a wider color gamut and better prints.



The Eagle Hybrid inks

The inks are very important for any printers. Without a quality ink the printer can't produce high quality prints.

Those dedicated inks allow to **print on difficult materials like metal or glass** but also ceramic, leather and many others with excellent quality and hold!

The Eagle's open ink system reduce costs and maintenance; avoid air bubbles on the system and keep the white ink under constant recirculation to avoid the sedimentation and print head clogs.



IR Lamp

The curing system of Eagle Hybrid printers consist of an IR lamp adjustable in power to adapt the heat according to the type of support.

This lamp is perfectly calibrated with the Hybrid inks and allow to dry the ink completely during the print process on most materials, without further processing.

WHITERIP - Professional software RIP

A software RIP is very important for an industrial printer like The Eagle, in fact it can manage color profiles and offer optimizations to save time and inks.

The Eagle is equipped with the professional RIP software WhiteRIP with specific functions for industrial object printing to increase output and reduce print time like the completely automatic and optimized white base generation and the print with template.



Optimized whitebase generation

The template function allow to virtually split the table in smaller area named 'panels' to print with a precise and constant positioning. You can easily fill all the panels with the desired images and positions reducing time for preparation of the graphics and reducing wastes of ink and materials due to poor positioning and positioning tests.

Another function of WhiteRIP that help increase output is the **Inline printing function**. This printing mode split actually the print head, the first part will print only the white ink and the second part will print only the colors. This allow to have the white ink base separated from the color layer avoiding white and colors to mix together, giving bright colors and **halving the print time**.



Wing design



This innovative design allows to have three sides completely open that can be used to load and unload the table. You can remove printed objects and reload the table while the machine is still printing and it's particularly useful when you need to load bulky objects on the print table.

The wing design also allows to load material larger than the print table.

Applications

Eagle Hybrid printers are specialized for printing on materials like glass, ceramic, leather and metal

- Print on materials like metal, ceramic, glass and leather
- Print color-white-color for two faces images on glass or on transparent materials
- Create samples that will be identical to production
- Print awesome images: the variable dot print head can produce high definition and smooth graduations.



Glass



Ceramic



Leather



Metal

The Eagle optionals



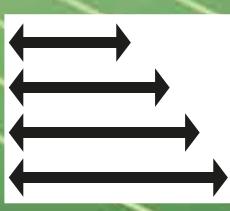
Customization and integration with automations

If your production workflow needs particular operation or you have particular needs for loading and unloading the table we can integrate the Eagle to fully fit your needs.



Vacuum table

The Eagle printers can be equipped with vacuum table that hold the light materials to the print table. On the XL models vacuum and blowing table is included as standard.



Customizable table length

Now you can have the versatility and quality of the Eagle printers with the size that suits your large format printing needs. Only on the Eagle XL you can customize the print table length from 2,5 to 5 meters.



Retractable Square

The square optional allows to put object in perfect alignment with the print table in a few seconds. The square is completely retractable to not be an obstacle when loading the table with large objects or sheets.

Technical data

New!!



Version	Eagle HY 50	Eagle HY 70	Eagle HY 130	Eagle Line HY 70/130	Eagle XL HY 70/130
Printing technology	Inkjet piezoelectric 8 channel printhead				
Resolution	min	360 dpi			
	max	1440 dpi			
Max. printable area	width	700mm		1300mm	700 / 1300mm
	length	500mm	1500mm	1500mm	customizable from 2,5 to 5 meters
Table size	width	750mm		1360mm	750 / 1350mm
	length	550mm	1650mm	1650mm	1500mm
Max. material thickness	250mm				
Table capacity*	25Kg*	100Kg*	150kg*	80kg / 150kg*	120kg / 150kg*
Inks	DPI Hybrid				
Color configurations	2xCMYK - CMYK WWWWW - CMYK WWGIGI				
Interface	Ethernet				
Power Supply	AC 240V 50/60Hz				
Consumption	1300W		2100W	1100W	2700W
Operating Environment	20-25° Humidity 35-80% without condensation				
Vacuum table	Optional				Si
Blower table	No	Optional	No	No	Si
Optionals	rotary system, costumization, integration with automations	Vacuum table, rotary system, costumization, integration with automations	Vacuum belt, rotary system, costumization, integration with automations	Vacuum belt, rotary system, costumization, integration with automations	Rotary system, costumization, integration with automations

* weight evenly distributed

Our services



DPI training center

In order to offer its customers a complete assistance service, DPI DG PRINTING organizes technical training courses at its headquarters, an opportunity to learn in depth the potential of your machine and be able to quickly make the most of its characteristics.



DPI Assistance

The support service is a valuable tool to receive all-round assistance. In order to benefit from it, it's sufficient to connect to our website and request a subscription to the service by filling a web form.



Creative Lab

Our exhibition area, where imagination and creativity reign supreme, is a place where you can actually realize the potential of our machines and see what is possible to create with them. Our show starts here.

Dealer:



Dpi Dg Printing S.r.l

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