



The Eagle



Textile 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. For this reason, Eagle TX Series features models with multiple print heads and automations to increase output like the Eagle TX S that can print **up to 120 shirt per hour** and the flatbed printers allow to **remove the printed t-shirt while the machine is still operating**.

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

The large print area of the flatbed Eagle printers can be equipped with **custom size platens** according to needs, reaching **18 A4 size platens** on Eagle TX 130.

To extend the 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.



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.



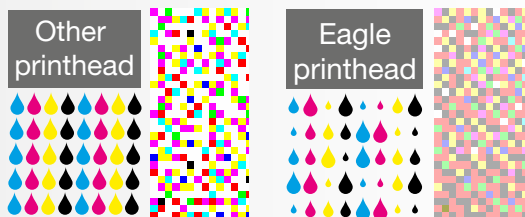
PHPC system produces uniform prints and ensures that the head installed in the printer is protected from strikes by constantly checking the position.



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 dedicated inks



The inks are very important for any printers. Without a quality ink the printer can't produce high quality prints. The Eagle has a dedicated ink that enable the printer to reach photographic quality even on textiles, with a great color gamut and bright colors.

Those dedicated inks allow also to **print on a wide range of fabrics** such as cotton, mixed cotton, polyester, viscose, raion, silk, spandex wool and many others!

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.

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 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**.

Speed up your production!

To increase the output Eagle TX printers can be equipped with two printheads, increasing speed and quality even at the lower resolutions.

Customs

Eagle TX printers can be equipped with custom size platens to optimize the print area for your needs or install a large print table to print pre-cut and fabrics in general. You can also require for a custom automation or design in order to better suit your production workflow like the Eagle TX S that can be equipped with up to 4 printheads and continuous printing solutions.



2 printheads!!



Automation
From 2 to 4 printheads



Classic line
1 or 2 printheads

Unleash your creativity

Applications

The direct to garment technology allow you to print directly from computer to the printer, instantaneously. With Eagle TX you will be able to print on any garment or tissue

- Print on T-shirt, tissue bags, shoes, jeans, towels, pillows and many others
- Print on black and dark textiles using white ink
- Create samples that will be identical to production
- Print awesome images: the variable dot print head can produce high definition and smooth graduations.



Shoes



Towels



T - shirts



Bags

The Eagle optionals



Semi automatic line (Eagle TX S)

With the addition of carpets that allow the return back of the tables it is necessary only one operator that change the t-shirt and reload the printer.



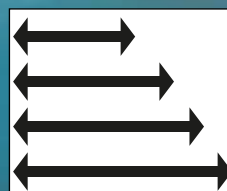
Non-standard platen

The equipment includes standard size platen, but if you need we can provide platen of custom size. We can also realize platen for jeans, caps or any other shape you need to let you free to print on any garment you want.



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.



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.

Technical data

UP TO 120 tshirt/h!!



Eagle TX 70 S



Eagle TX 50



Eagle TX XL

Printer Type		Belt			Flatbed			
Model		Eagle TX S			Eagle TX 50	Eagle TX 70	Eagle TX 130	Eagle TX XL
Printing technology		Inkjet piezoelectric			Inkjet piezoelectric			
Printheads		2	3	4	1	1 or 2		
Resolution	min	360dpi			360dpi			
	max	1440dpi			1440dpi			
Print width		700mm/1300mm			700mm		1300mm	700mm/1300mm
Print height		customizable			550mm	1500mm	1500mm	Customizable from 2500 to 5000mm
Max. material thickness		150mm (with platen)			250mm			
Inks		DPI TX			DPI TX			
Ink channels		16	24	32	8 each printhead			
Interfaces		Ethernet			Ethernet			
Optionals		costumization, integration with automations			custom size platens, costumization, integration with automations			

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.



Dpi Dg Printing S.r.l

Via Emilio Salgari 14/e - 31056 Roncade (TV) - Italy
 Phone +39 (0)422 798493 - Fax. +39 (0)422 799711
 e-mail: sales@dpidgprinting.com - Website: dpidgprinting.com



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