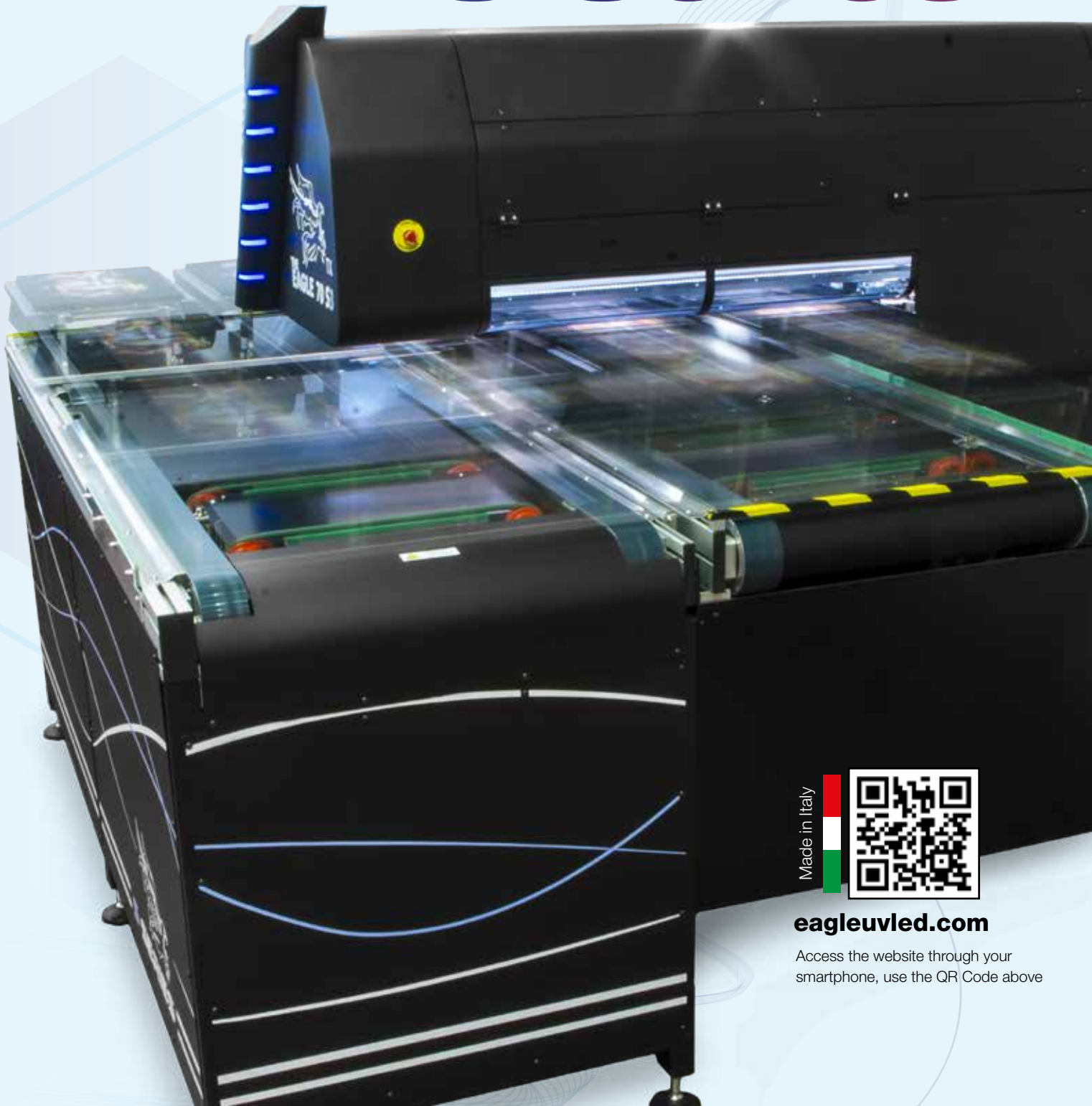




THE EAGLE TX **S Series**



Made in Italy



eagleuvled.com

Access the website through your
smartphone, use the QR Code above

The Eagle TX S

The Eagle, unlike normal printers, was created to answer to industrial needs of flexible and high quality prints without reduce the output volumes. For this reason Eagle TX S feature multiple print heads.

Eagle 70 S can be equipped with 2, 3 or 4 print heads that can be configured to suit your needs.

This feature allows Eagle 70 S to be incredibly fast even when printing black or colored garments, up to 120 shirt per hour.

The Eagle 70 S detect automatically the garment to print realizing prints with an accurate and constant positioning and is suitable to create a continuous printing line.



The printer 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.

Thanks to the internal storage Eagle 70 S can print jobs saved even without the use of computers but by the Management tablet.

The latest technologies at your service



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.



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



Dpi Dg Printing recommends the use of our dedicated LED UV inks as they have been developed specifically for the Eagle printers.



Thanks to sincropoint function you will be able to print the white base and colours together in a single print. This will eliminate the time for the second print halving the time and increasing the output!

The optional automation consist of two belt and a shift unit. The first belt carry forward the print platen for the printing and then to the shift unit. The shift unit automatically move the platen on the return belt.

This allow one operator to load and unload the print tables on one station reducing the manpower needed to run the machine.

Custom automations are possible.

Thanks to specific designed sensors the Eagle TX S detect automatically the print tables with a very high accuracy ensuring a precise and repeatable printing positioning.

Choose the printhead number you need, from 2 to 4 to increase the print speed of the printer without lower the print quality.

Tablet per la gestione remota della stampante

Rilevazione automatica delle tavole

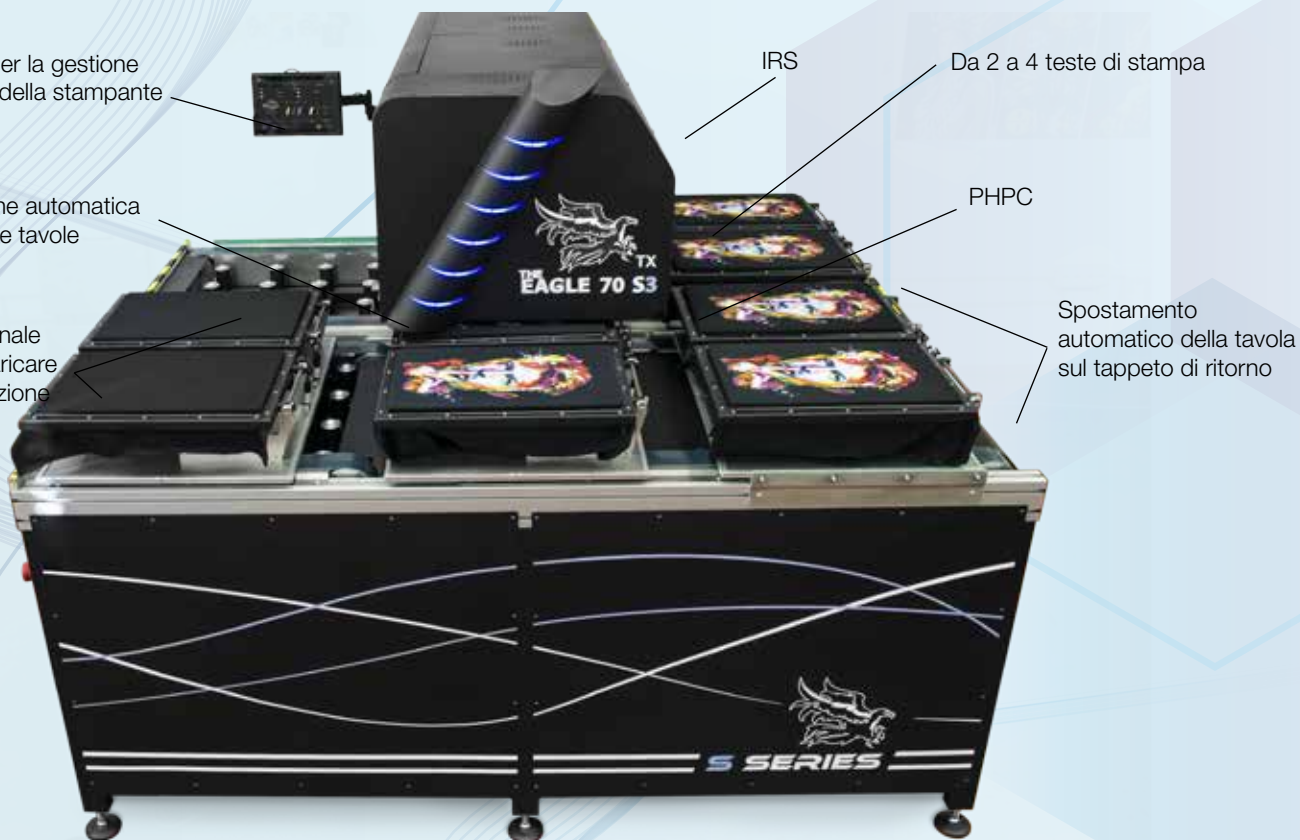
Automazione opzionale per scaricare e ricaricare le tavole in una stazione

IRS

Da 2 a 4 teste di stampa

PHPC

Spostamento automatico della tavola sul tappeto di ritorno

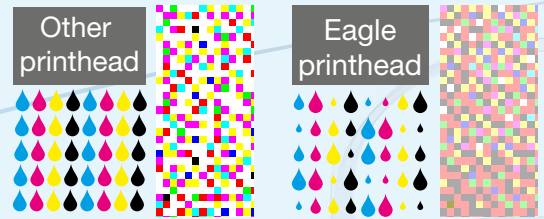


Print technology

The Eagle S are equipped with the latest print technology to deliver high quality prints with vibrant colors and sharp details.

Variable dots

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's Eco 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 a nearly photographic quality, with a great color gamut and bright colors.

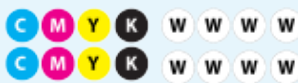
The ink also is resistant to weather and wearing, allowing their use in any surface even those that will be exposed to weathering ensuring a duration of many years.

The Eagle printers adopt an open ink system to reduce costs and maintenance; all the inks are on bottles under pressure to avoid air bubbles on the system while the white ink is under constant recirculation to avoid the sedimentation and print head clog.



Colors

Suggested color configuration for Eagle TX S with 2, 3 and 4 printheads, other configuration are possible.



Eagle TX S2 also available with 4xCMYK.



Eagle TX S3 also available with 4xCMYK and 8xW.



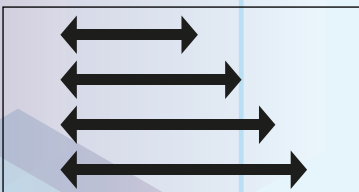
Eagle TX S4 also available with 2xCMYK and 24xW or 6xCMYK and 8xW.

The Eagle optionals



Semi automatic line

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 not-standard size. We can also realize platen for jeans, caps or any other shape you need to let you free to print on any objects 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.

Tailored solutions

Applications

The direct to garment technology allow you to print directly from computer to the printer, instantaneously. With Eagle TX S 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

**Unleash your
creativity**

Jeans

Pillows



Professional software RIP

A software RIP is very important for an industrial printer like The Eagle, in fact it can manage color profiles and it offers specific optimization for objects print. The Eagle is equipped with the professional RIP software developed by EV Network WhiteRIP. WhiteRIP has specific functions for Textiles printing to increase output and reduce print time.



Automated white layer generation

With WhiteRIP the white layer generation is completely automatized and optimized for the various fields of use.



Template

This function allow to virtually split the table in smaller area named 'panels' to print many small object with a precise and constant positioning. With the Template function you can easily fill all the panels with the desired images and positions. This allow to reduce the time for the positioning of the objects and the preparation of the graphics reducing the costs and wastes of ink and materials due to poor positioning and positioning tests.



Color proofing

WhiteRIP has a built-in tool that allow to make color profiles. Color profiles are useful to increase the color color matching, specially on particular or colored materials.



Inline printing

Unlike sincropaint mode, where the whole head is used, 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.

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.

www.dpidgprinting.com



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.

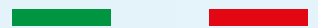
Technical specifications

Main technical data of Eagle TX S

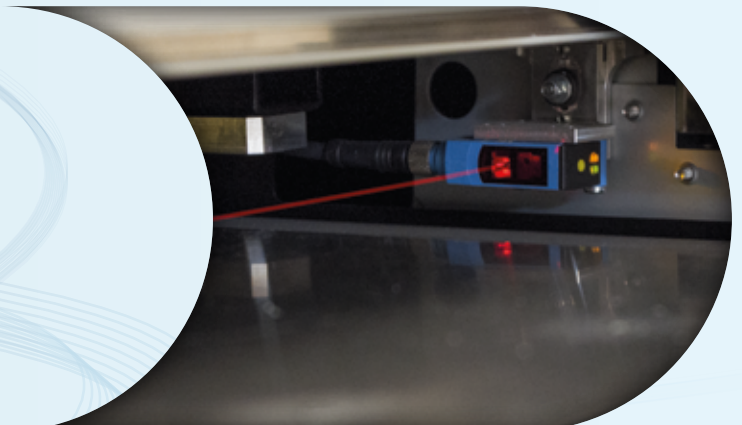


Version		Eagle TX S2	Eagle TX S3	Eagle TX S4
Printing technology		Inkjet piezoelectric	Inkjet piezoelectric	Inkjet piezoelectric
Printheads		2	3	4
Resolution	min	360 dpi	360 dpi	360 dpi
	max	1440 dpi	1440 dpi	1440 dpi
Max. width	width	700mm	700mm	700mm
Max. material thickness		150mm (with platen)	150mm (with platen)	150mm (with platen)
Inks		DPI TX	DPI TX	DPI TX
Ink channels		16	24	32
Interfaces		Ethernet	Ethernet	Ethernet
Power Supply		AC 240V 50/60Hz	AC 240V 50/60Hz	AC 240V 50/60Hz
Consumption		800W	1000W	1200W
Operating Environment		15-32° Humidity 35-80% without condensation	15-32° Humidity 35-80% without condensation	15-32° Humidity 35-80% without condensation
Optionals		costumization, integration with automations	costumization, integration with automations	costumization, integration with automations

Made in Italy



White recirculation + pressured system



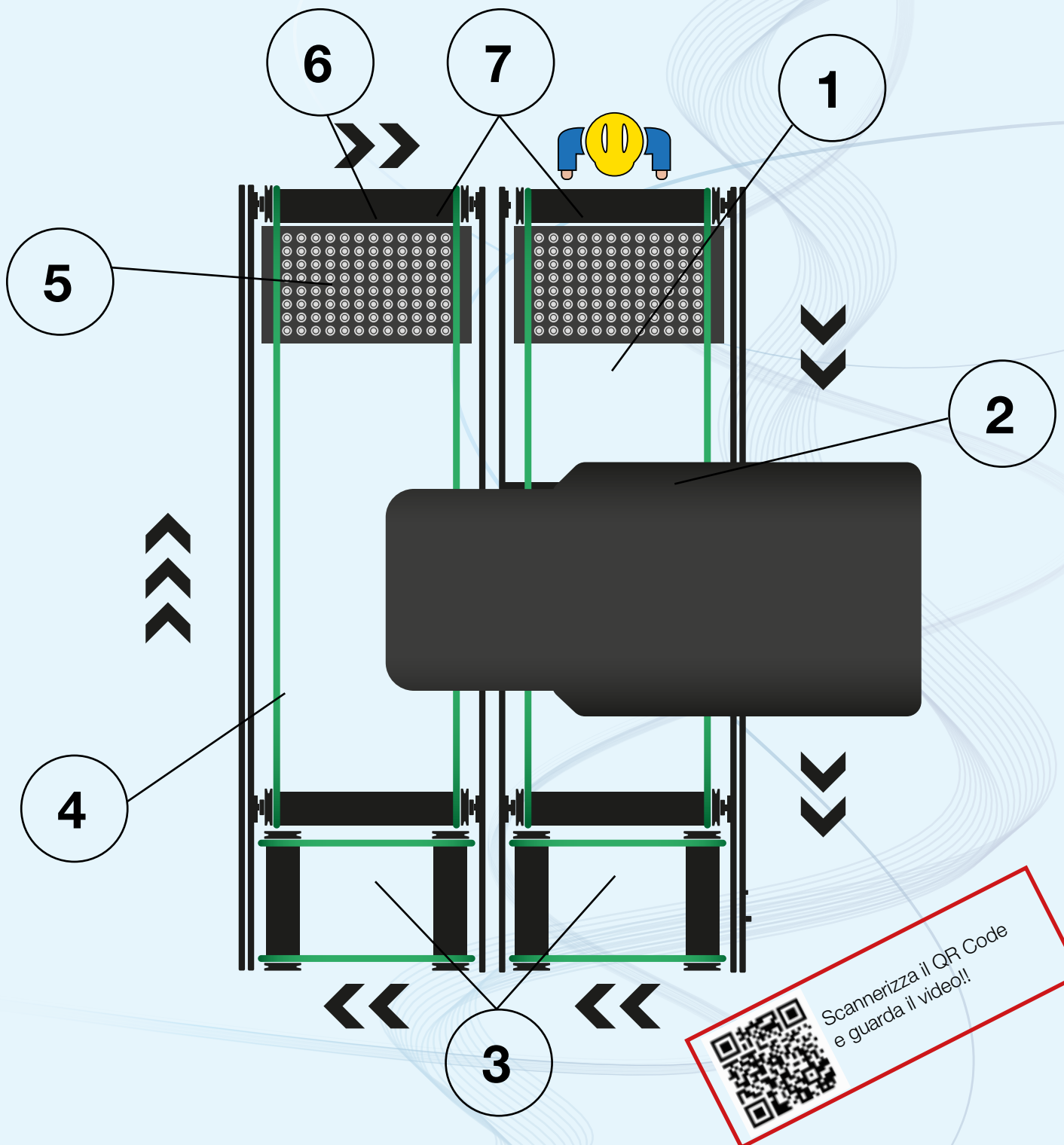
Automatic height detection

Workflow

The Eagle TX S series can be equipped with a return belt to build an automatic printing line with more output capability and fewer manpower needed to run the production.

In fact with once the print as over a pneumatic system move the platen on the return belt that bring it aside the start of the printing belt. This mean that a single person can load and unload the print belt on a single station.

- 1 - The platen is loaded on the print belt
- 2 - Print phase
- 3 - Platen are taken to the shift unit
- 4 - The shift unit move the platen on the return belt
- 5 - Platen are taken to the load/unload station
- 6 - Platen are unloaded and reload
- 7 - Ball transfer unit help the operator to move the platen on the print belt



Rely on our experience

DPI DG Printing is a company that produces printing equipments. At our permanent showroom, and at our dealers', you will be able to test our machines, through the demonstration sessions held by our technicians. You can request a demo by contacting us through our website, by e-mail or telephone.

DPI is not only resale, it's also support center, spare parts and repair center, with specialized technicians for a service quality always at the top. In the latest years, following the requests of our clients, we have designed and produced a plotter series that meets our philosophy: reliability, performance and customization. We have also developed technical patents and wrote a professional Rip Software from scratch.

All of the equipment by DPI is entirely designed and produced in Italy, with the help of the most advanced technologies on the market. Our greatest secrets are the twenty years of experience in various sectors of the printing market and the complete control in the production process. This enables us to offer products that anticipate market demand. We have created a network of distributors and technicians, selected to meet the highest standards of competence in their respective sectors, in direct contact with our company and constantly updated with technical and sales training.



Headquarter



Showroom



Production line



Dpi Dg Printing S.r.l

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Dealer: