



matériels et produits

Marquage

THERMOFLAN

Directly print on clear or dark textile

Designed and manufactured in Europe, Eagle TX are DTG (Direct Textile Garment) inkjet printers for printing on light or dark textiles..

Particularly versatile, industrially designed and with a print quality up to 1400 dpi, the range includes three sizes: Eagle 50 TX, Eagle 70 TX and Eagle 130 TX.

With an innovative wing-shaped design, they allow rapid production and sampling. Compared to alternative flat bed machines (two point guided motor), TX Eagle printers are equipped with a single point guide, which means that there is not size constraint, bulky materials can be inserted and machine can be loaded/unloaded without stopping production.

User-friendly and easy to use, all operations are controlled via a portable touchscreen pad, with WhiteRip software featuring specific functions developed for textile printing.

They are equipped with print heads of latest generation, white ink circulation system, pressurized control of ink flow, automatic adjustment of the print engine and brushless motors for movements.

Applications

- Fashion items
- clear or dark TShirts
- advertising textiles (banners, flags ...)
- Sports clothing
- Furnishing
- Jeans
- Children's clothing
- Corporate clothing
-

with EAGLE TX printers



EAGLE TX MAIN FEATURES

- large print area (example: 70 x 150 cms sized fabric or 6 T shirts size A3 or 12 T shirts size a4t A4)
- Material thickness up to 250mm
- white base and colours in a single print
- new heads delivering variable dot prints



Print head of new generation

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 range and better prints

- Wing shaped profile for easy access
- Pressurized ink system with recirculation of white ink
- Dedicated Rip : Whiterip
- Printing on different types of material such as: cotton, lycra, leather, viscose, jersey ...



Ink system

The pressurized ink system avoids the formation of air bubble on the circuit, the white ink is also on constant recirculation to avoid the sedimentation.

The result is a global cost reduction with reduced maintenance downtime and less print head cleaning required.



Remote management via tablet

Eagle printers of new generations can be controlled remotely via tablet. This allow the operator to perform normal management operations and always have the printer status available without the need to physically visit the printer



Dedicated Rip software: WhiteRIP

Printers are equipped with WhiteRIP professional RIP software featuring specific functions to increase production and reduce ink consumption, including: Online printing (white / color/ gloss) Printing with template management. Automatic white base. 3D effect relief printing . Head pressure management (distance)

TECHNICAL DATA	EAGLE 50 TX / 70 TX / 130 TX
Printing technology	Inkjet piezoelectric
Résolution	360 to 1440 dpi in multi passes
Maximum printing size	700 x 500 mm / 700 x 1500 mm / 1300 x 1500 mm
Maximum printed part thickness	250 mm
Printing table sizes	700 x 500 mm / 750 x 1650 mm / 1360 x 1650 mm
Maximum printed part weight	25 kg / 100 kg / 150 kg evenly distributed all over surface
Inks	Water based inks in 500 ml or 1 L bottles
Color configuration	CMYB CMYB (2 x 4 colors) CMYB+ WWWW (4 colors + white)
Interface	Ethernet
Electric supply	230 v, 50/60 Hz, 1000 w
Working environment	20-25°c - Humidity + of 60 % without condensation
Machine sizes	1430 x 1575 mm / 2365 x 1575 x 1530 mm / 2370 x 1800 x 1530 mm
Weight	330 Kgs / 520 Kgs / 720 kgs
Included software	WhiteRip Edition (color management rip)
Included accessories	Platens for T shirt 2 x 1 = 2 T shirts A3 (Eagle 50 TX) Platens for T shirt 3 x 2 = 6 T shirts A3 (Eagle 70 TX) Platens for T shirt 3 x 3 = 9 T shirts A3 (Eagle 130 Tx)

APPLICATIONS :



259 Chemin de la Côte
30120 MOLIERES CAVAILLAC (FRANCE)

Tél. +33 (0)4 67 81 14 41
Fax. +33 (0)4 67 81 09 80



THERMOFLAN

E-mail.
info@thermoflan.com
www.thermoflan.com

S.A.S au capital de 300000 euros
SIRET 720 201 961 00011