

FESPA
GLOBAL
PRINT EXPO

Munich
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RICOH

PRO DTF Direct to film

ROLL TO ROLL
QUALITY
SOLUTION



COMPLETE DTF SOLUTION

-  Waterbased Piezo Inkjet Printing
-  Hotmelt Powder Application
-  Integrated Heating Unit



OEKO-TEX®
CONFIDENCE IN TEXTILES
ECO PASSPORT 

WHY RELEVANT FOR YOU?

Boost your textile business with high volume Direct to Film (DTF) full automatic Roll to Roll operation

No need for manual interaction:
Full automatic Hotmelt Powder application included

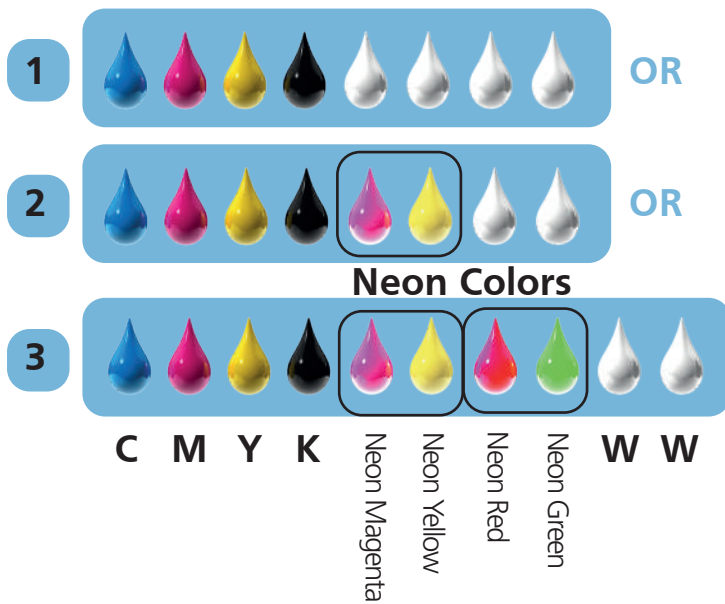
No need for separate curing or oven

Transfers offer greatest variety in terms of color, as well as garment usage



www.RICOH-TEXTILE.eu

PRO DTF Direct to film: Available in three different colorspace configurations



Summary

- High volume production
- Plug & Play operation
- Low maintenance required
- Self preservation function
- Low print cost

Wide range of supply's applicable:

- Various types of Hotmelt powder
- Various types of Transfer Film

BASICS + BENEFITS

In DTF textile printing, the design is first printed on a transfer film and in a second step hotmelt powder is applied and heated to create a transferable ink layer. This layer is later transferred to a fabric such as a T-shirt by a heat press to complete the finished product.

Today, direct to film (DTF) printing is one of the most versatile techniques available in the textile printing industry. While direct printing methods are limited to a range of similar fabrics (e.g., cotton and cotton-blended materials), with DTF prints tougher fabrics such as polyester, nylon, leather - and of course - classic cotton can be decorated.

SPECIFICATIONS

Print area: max. 60 cm width

Drop size: variable drop size 3,5 to 20 picolitre

Resolution: up to 2880 dpi

Speed: 40,6 x 50,8 cm image: 122 seconds

Colors: Printer can be configured in three different colorspace configurations upon purchase:

8 Channel: CMYK W W W W

8 Channel: CMYK Nm Ny W W

10 Channel: CMYK Nm Ny Nr Ng W W

Operational environment:

15 – 30° Celsius

35 – 65 % Humidity

Power Consumption:

50Hz/60Hz 110V/220V

10~20A; 2.3 kW

Connectivity: Rj45, USB Type-A (USB 2.0)

System Size: Length 330 cm
Width 125 cm
Height 122 cm

System Weight: 351 kg

Inksupply: 750 ml cartridges

RICOH
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