

Introducing the **ELITE** DTF PRINTER

For those unfamiliar with the term, DTF (or Direct to Film) is a process for producing transfers that can be applied to the broadest possible range of fabrics available. The scope here is enormous – everyday garments can be decorated, but so too can heavy duty workwear, as well as lightweight sports and performance wear.



The process offers simple production of transfers with no weeding or production of masks, but delivering long lasting results that stretch and wash in a way that compare to screen printing or sublimation. Transfers are printed on to film, with the colour being laid down, and covered with a base of white ink. This printed film is then covered with a translucent 'hot melt powder', which is then cured by heat (typically oven or heat press) at around 120°C for 3 minutes. The result is a very thin, incredibly stretchy transfer that can be applied with a firm pressure at a very short time of just 20 seconds.

This solution offers a compelling package – low startup costs, a compact desktop form factor and the flexibility to produce one off and short run DTF transfers. Capable of printing roll or sheet fed media up to 30cm width, this compact system also offers in-built white recirculation to assist with maintenance. This makes it perfect for those who want to avoid the additional costs, minimum order quantities and turn-around times of outsourced production.

DTF - Process Overview



1. Design your image.



2. Print on DTF Film.



3. Cover image with Powder.



4. Cure the transfer using heat press or iSmart oven.



5. Press on garment at 150°C / 20 seconds, using a firm pressure.



6. Wait until cool, and peel the film to reveal the transfer.



7. Enjoy the soft hand and long lasting results!



NOVA CHROME UK LTD

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Registered in England and Wales

ELITE DTF PRINTER

Starter Kit / Specifications

Our Starter Kit includes the basics to begin producing transfers, including:

- Elite DTF Printer
- AcroRIP Desktop DTF Edition
- 2.5L DTF Ink
- 100 Sheets A4 DTF Film
- 1kg Hot Melt DTF Powder



What else will I need?

- Oven - for curing transfers (sold separately)
- Heat Press - for curing / applying transfers (sold separately)
- Powder Tray

ELITE DTF PRINTER - SPECIFICATIONS

Application	Cotton / Poly / Blends
Print Head	R1390 / F173050
Ink Set	CMYK+WW
Ink Supply	CISS (6 Colour)
Max Resolution	2880 x 1440 DPI
Standard Resolution	1440 x 1440 DPI
Print Width	297mm
Print Speed (A3)	9 Minutes (1440DPI)
Software Solution	AcroRIP 11 - Desktop DTF
Supported OS	Windows 10/11 Only
Connection	USB
Power Consumption	35W
Power Requirements	220V AC / 50-60Hz
Inline Heater	Yes
White Ink Agitation	Yes - Tank Level
White Ink Recirculation	Yes - System Level
Shipping Dimensions	38cm x 84cm x 30cm
Machine Dimensions	33cm x 80cm x 21.5cm
Gross Weight	28kg
Net Weight	20kg
Warranty	1 Year

DTF - ADDITIONAL SUPPLIES

DTF INK

- 4155 - Black 500ml
- 4156 - Cyan 500ml
- 4157 - Magenta 500ml
- 4158 - Yellow 500ml
- 4159 - White 500ml

4155
4159

HOT MELT POWDER

4155 - Hot Melt Powder 1kg

4154

DTF FILMS

- 4151 - A4 DTF Film, 100 sheets
- 4152 - A3 DTF Film, 100 sheets
- 4153 - DTF Film, 30cm / 100m Roll

4151
4153



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