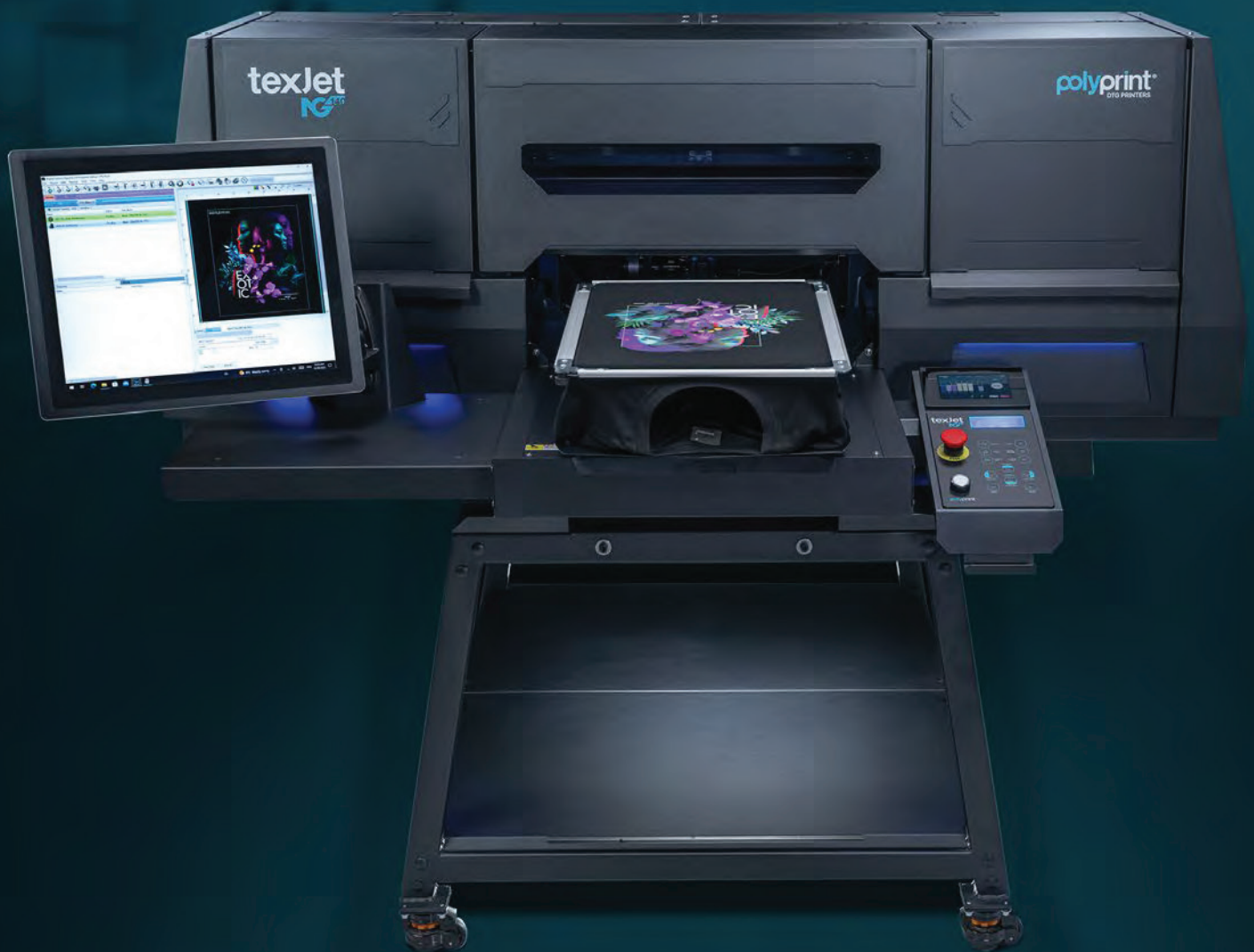# texJet

NG series

texJet NG

polyprint® DTG PRINTERS

polyprint®
DTG PRINTERS

HYBRID
DTG/DTF PRINTERS

FROM **KNOW HOW** TO **PRINT WOW**

Texjet NG printers are designed, developed, and manufactured exclusively in-house by Polyprint professionals. Created with high productivity in mind, these **hybrid** printers deliver non-stop production on both Direct-To-Garment and Direct-to-Film technologies, matching **high-volume order fulfillment** with **top-notch quality output.**

Equipped with advanced **automated** features such as White ink recirculation, CMYK/White agitation, and preconfigured cleaning cycles, provide an **uninterrupted workflow** and a **consistent production**.

Achieve **superior print quality** up to 4800 dpi, enhanced by the premium **TexJet Inks**, cost-effectively thanks to the **bulk ink setup**. Benefit from a wide variety of **Snap-On platens** and generate numerous personalized garments. Cover a wide spectrum of applications taking advantage of both DTG & DTF printing methods!

50 x 70 cm
(20 x 28 in)
XXL platen

19 in
touch screen

Stand included,
with large
storage space

ADVANCED **FEATURES**

Automatic White Ink Recirculation
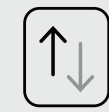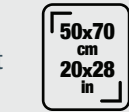
Automatic CMYKW Ink Agitation

Non-Stop Production

Embedded PC with 19" Touch Screen

DTF Mode Reverse Print Direction

50x70 cm 20x28 in — Max Print Area

CADlink RIP Software Included

Digital Factory Apparel V10 Polyprint edition

Control panel & touch screen

Bulk ink system

DTG **PRODUCTION**

NG120

NG130

NG140

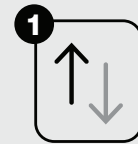| | 2x | | 31 | 50 |
| | 3x | | 44 | 50 |
| | 4x | | 56 | 64 |

[1] No. of Print Heads   [2] Prints/Hour
[3] Artwork dimension 28 x 28 cm (11 x 11 in) including garment loading/unloading time

INLINE DTF
HOW IT WORKS

1

DTF reverse print mode
Printing direction is switched by reverse platen movement. CMYK inks are printed first and then White follows on the same platen pass. High speed is maintained without sacrificing quality.
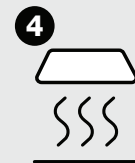
2

Staggered print heads
A sufficient gap between print heads allows CMYK to dry before White ink is printed on top. Faster printing is achieved, and print quality is maintained.

3

Adhesive powder application
Manually powder the printed film or use an automatic powder shaker for more control and less effort.

4

DTF print cure & transfer
Use a DTG curing equipment (heat press or tunnel dryer), for curing and transferring the printed film onto the garment.
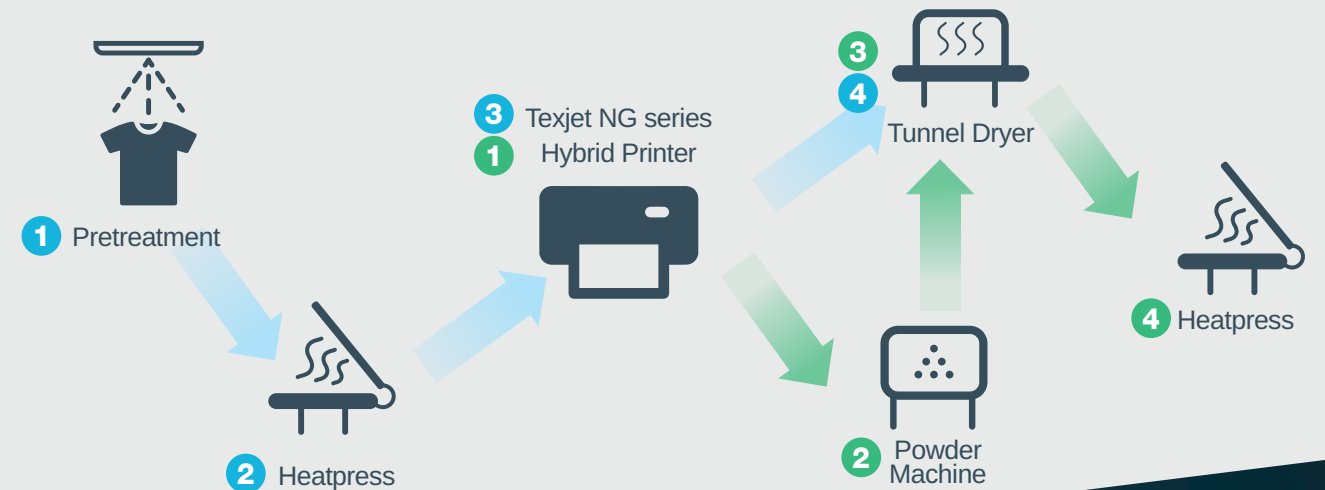
texJet NG

polyprint®

42 x 60 cm
(16 x 24 in)
DTF Xpress
Antislip Pad

DTF Print Mode

HYBRID PRINTER
DTG/DTF

- **Texjet NG series** are unique hybrid printers, performing **both DTG and DTF** inline, by printing in a single platen pass.
- **DTF productivity reaches 45*** (A3 sized) sheets/hour, while **DTG volume goes up to 64*** (11x11 in design) light colored t-shirts/hour. *NG140.

- **Flatbed system** suits better the needs of print-on-demand and one-off samples, more than Roll-to-Roll DTF printers.
- Printed sheets are **ready for transfer and sale**. No time wasted in cutting rolls.
- **One Printer-One Ink**. Texjet Inks by Polyprint are optimized for both DTG and DTF printing. No ink swapping required.

HYBRID WORKFLOW
DTG DTF

1 Pretreatment

2 Heatpress

3 **1** Texjet NG series Hybrid Printer

3 **4** Tunnel Dryer

2 Powder Machine

4 Heatpress

DTF
PRODUCTION

NG120 NG130 NG140

NG120	NG130	NG140
2x	3x	4x
[1]	[1]	[1]
24	24	45
[2]	[2]	[2]

[1] No. Print Heads   [2] Prints/Hour with two DTF Xpress A3 Transfer Films
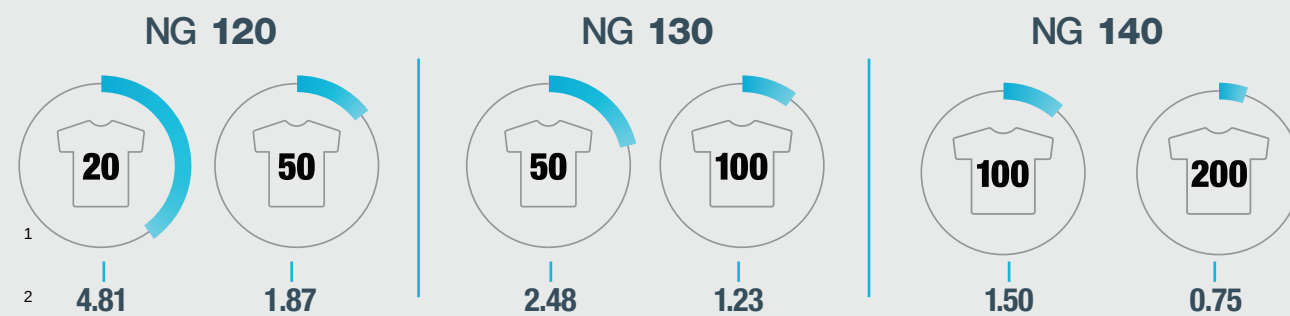
COMPLETE
DTF SOLUTION

DTF XPRESS

Polyprint was the first DTG manufacturer to provide a ready-to-use DTF solution.

Polyprint's DTF Xpress branded products include **Transfer Films**, **Adhesive Powder**, **Antislip Pads**, and a **Powder Machine**.

FITS YOUR DTG BUSINESS LIKE A GLOVE

Aiming to grow your garment decoration business? With Texjet NG - DTG/DTF printers, you can have a fast ROI. Being cost effective, time saving, and hassle free, your investment in any of the Texjet NG series printers can pay off very soon. Have a look:

NG 120		NG 130		NG 140	
20	50	50	100	100	200
4.81	1.87	2.48	1.23	1.50	0.75

1 = Shirts per Day

2 = Months to ROI

¹ Shirts per Day   ² Months to ROI

Estimated with: Labor Cost: 15€/h. Average ink consumption: Light garment: 2ml Dark garment 7ml (5ml white and 2ml CMYK). Garment cost: 2,5€. Percentage of light/dark: 50%.
Selling Prices: Light garment: 17€ Dark garment 20€.

WARRANTY EXTENSION PLANS

WHAT IS IT?
A program that allows Texjet NG series users to **extend their printer's warranty**, beyond the given year, up to a maximum of two, additional years. Achieve this by:

BUY OUT
LIMITED WARRANTY

EARN
LIMITED WARRANTY

BUY OUT: Warranty extension plan for +1 year. The purchase of the plan must be made within the first year of ownership. Get an extra year by renewing the program during the second warranty year.

EARN: Customer Loyalty Reward Program. Warranty extension plan for +1 year, discounted or free of charge, as a reward for using Texjet Inks by Polyprint and reaching certain ink volume goals. An extra year is earned if the ink consumption levels are met again.

Limited warranty applies to printer's ink flow parts (including printheads). One time replacement for each part.
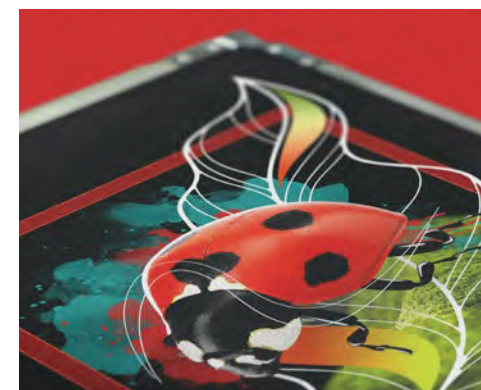
NEW

inks texJet

polyprint®
DTG PRINTERS

A premium, textile ink formula that empowers garment decoration excellence.

Specially formulated to maximize Texjet NG printers' performance.

Developed for both DTG and DTF printing to cover a wide variety of applications.

COLOR GAMUT

Make those prints stand out! Texjet Inks offer supreme print quality with eye-catching colors. Gain amazing DTG prints and DTF transfers thanks to rich textile pigment inks by Polyprint.

←

WASHABILITY

Want vivid colors that attract attention and withstand wash after wash? Texjet Inks' special formula makes prints looking brand new, even at 20 washes.

→

STRETCHABILITY ↑

Polyprint's advanced ink characteristics provide great print elasticity and eliminate cracking during wash.
Add value to your printed garments with a smooth, luxurious finish.

FIXATION TIMES

Faster fixation times = Faster production speeds. Order fulfillment was never easier.

←

250ml, 1lt, 2lt, 5lt

texJet NG series

OEKO-TEX®
INSPIRING CONFIDENCE
ECO PASSPORT

CE · MADE IN EU

UP TO **3 YEARS** WARRANTY

Technical Specifications

	Texjet NG **120**		Texjet NG **130**		Texjet NG **140**	
MAX PRINT AREA	50 x 70 cm (20 x 28 in)					
INK SUPPLY	Bulk ink					
INKS	Polyprint Texjet Inks. CMYKW, Water-based textile pigment inks					
AUTOMATED FEATURES	Auto CMYK / White ink agitation / Auto White ink recirculation					
DEFAULT PRINT HEAD CONFIGURATION	1x CMYK, 1x White		1x CMYK, 2x White		2x CMYK, 2x White	
PRINT RESOLUTIONS	720 x 600, 720 x 1200, 720 x 2400, 720 x 3600, 720 x 4800 dpi					
DTG OUTPUT DARKS / LIGHTS 28x28 cm (11x11 in) design	DARKS	LIGHTS	DARKS	LIGHTS	DARKS	LIGHTS
	31 4P 720x2400	**50** 2P 720x1200	**44** 2P 720x1200	**50** 2P 720x1200	**56** 1P 720x600	**64** 1P 720x600
DTF OUTPUT Available DTF sheets: A3 / A3+ / A2	24 / - / -		24 / - / -		45 / - / -	
DIMENSIONS / WEIGHT	L: 1,70 x W: 1,76 x H: 1,40 m / Weight ≈430 kg (L: 67 x W: 70 x H: 55 in / 948 lbs)					
PLATENS AVAILABILITY	**Included:** 34x52 cm (13x20 in) +Frame **Optional:** 14x30 cm (6x12 in) +Frame 15x15 cm (6x6 in) +Frame 27x32 cm (11x13 in) +Frame 33x27 cm (13x11 in) +Frame 42x60 cm (16x24 in) +Frame 50x70 cm (20x28 in)					
SOFTWARE	CADlink Digital Factory Apparel Polyprint Edition v10 included					
PC	Embedded PC, with 19 in touch screen					
WARRANTY	1 year full warranty (bumper to bumper). Warranty extension program available					

(!) Polyprint SA reserves the right to change equipment features and technical specifications without prior notice.

polyprint® DTG PRINTERS

Call us for more information
02392 590 281

AMAYA SALES UK
Experts in Garment Decoration Equipment