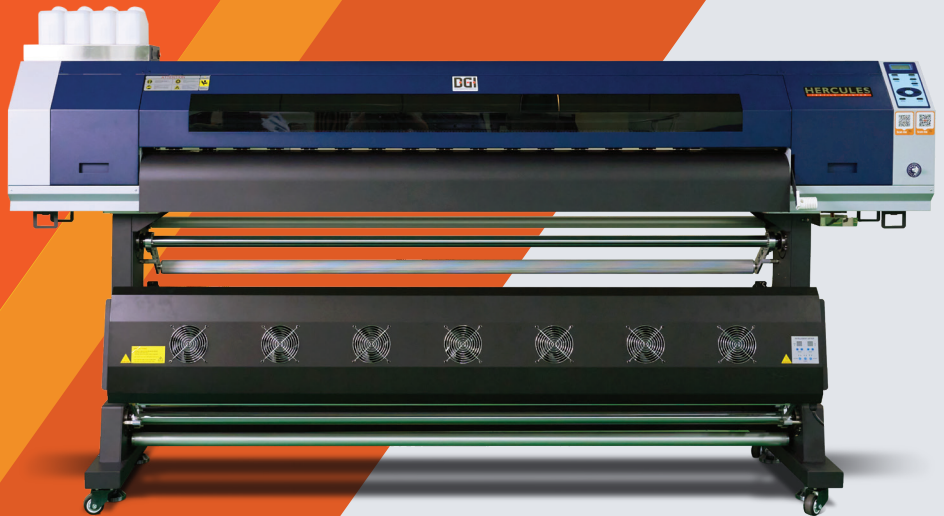


RETHINK THE POSSIBILITIES

HERCULES

DYE SUBLIMATION PRINTER

Engineered to redefine the industry standards of textile dye sublimation printers in the intermediate market.



Redefining the expectation of performance through innovations in engineering.

Known for their engineering innovations for printers in the industrial format, DGI has taken that same technology approach with their first entry level textile printer aptly named - HERCULES.

The 74" HERCULES, with its advanced features and cutting-edge technology, puts this printer in a league of its own. Boasting two PrecisionCore micro TFP i3200 heads running genuine F173 ink with exclusive waveform technology, the HERCULES offers unparalleled print performance. It is equipped with 2.5L bulk ink tanks, and a constant winding take-up system for rolls up to 656 linear feet (200m), allowing for up to 6 hours of unmanned production. Plus, its carriage collision sensors and vacuum suction capping station ensure smooth and error-free printing. Additionally, its carriage speed control adds another level of precision. Experience the ultimate printing solution that surpasses all others in its class and price range.



Interested in a live virtual demo of the HERCULES sublimation printer?

Contact your dealer, scan the QR code or register at dgiprinters.com/live-demo.



Hercules Features

The 74" HERCULES features innovative technology that enhances production by improving speed, print quality and reliability through advanced engineering. While DGI considers this as "entry level" to its extensive line industrial textile printers, you'll consider it next level production.



Speed

Carriage Speed Control allows you to determine printer speed and quality output;

- High Speed (2pass) - 1,044 ft²/hr
- Standard Mode (4pass) - 549 ft²/hr
- Quality Mode (6pass) - 366 ft²/hr



Quality

Exclusive waveform technology of the F173 ink developed by DGI engineers provides better i3200 head life and consistency without nozzle dropout, reducing overall maintenance requirements.



Operation

2.5L bulk ink tanks provide up to 6 hours of unattended operation, reducing man hours and extending print production.



Production

HERCULES can handle 656 feet (200m) rolls of paper, with consistent winding in the take-up system over the entire roll.



1,044 ft²/hr



2.5 Liter Tanks



74" Printer



200m Paper Rolls



2.5-12.5PL Drop Size

Wide picoliter droplets with variable dots offers greater control to ensure high resolution printing.

Carriage Speed Control

Adjust carriage speed for optimum control over print quality range - Normal, Quality, High Quality.

Dual Dryers with Rear Take-Up

Ensures ink will dry at production speed without degrading the structural integrity of the paper.

Take-Up System

Consistent tension with max load of 656 linear feet (200 linear meters).

HERCULES

DYE SUBLIMATION PRINTER

Head Collision Sensor

Prevents head strikes by stopping the carriage when it detects contact with an obstacle during printing.

Capping Station

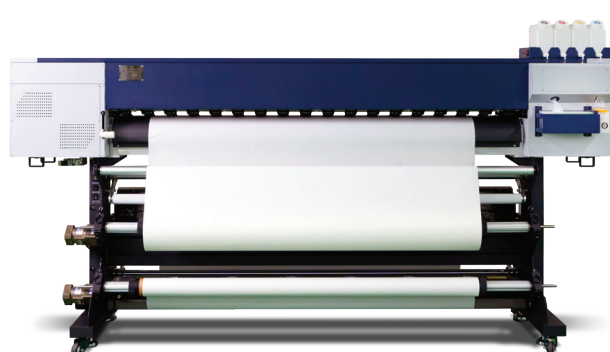
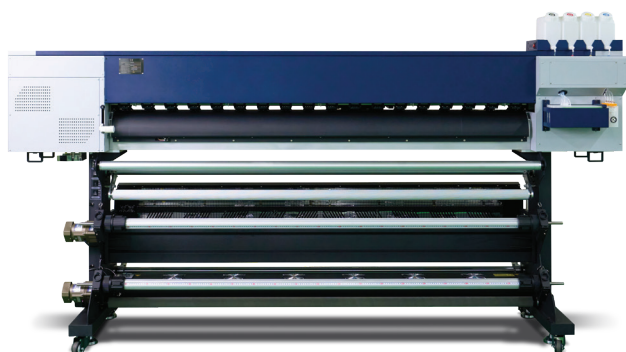
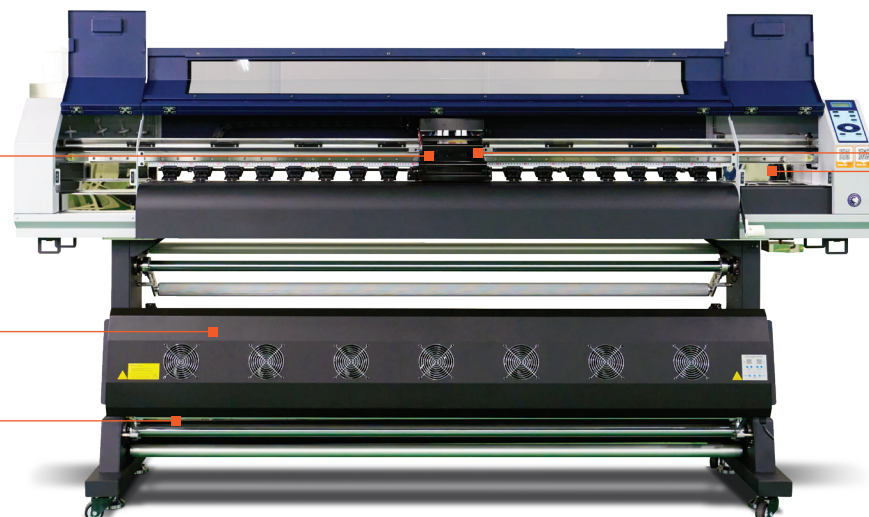
Reduces cleanings, and recovers nozzle dropouts due to exposure without requiring the need to print.

i3200 Print Heads & F173 Ink

A special waveform was developed by DGI to enhance printing through the i3200 heads.

2.5 L Ink Tanks

High-capacity ink tanks allow for continuous, unattended printing to extend production.



Print head	Piezo (PrecisionCore micro TFP i3200) (2 head)			Ink	DGI F173	
Drop Size	2.5~12.5 PL Variable Dot			Media	Transfer Paper	
Print Mode	Uni-Direction / Bi-Direction			Interface	TCP / IP, USB 3.0	
Resolution	Max. 720 x 1,800 DPI			RIP Software	Ergosoft Ver. 15 (Optional : Wasatch, Caldera)	
Color	4 Colors (Cyan, Magenta, Yellow, Black) Included with printer			Operating Environment	Temperature : 60~82°F (16~28°C) Humidity : 35~65%	
Electricity	Single Phase, 110V, 50/06Hz, 26A / (Printer: 11A, Dryer: 15A)					
Max Print Width	74.8" (1900mm)			Max Media Load	76.3" (1,944mm) Dia: 7.8" (200mm) / Wt : 66 lbs.	
Dimensions Crated	122.44"(L) x 38.97"(W) x 62.99"(H)			Dimensions Uncrated	117.32"(L) x 33.07"(W) x 42.91"(H)	
Weight Crated	1,455 lbs. (660Kg)			Weight Uncrated	815 lbs. (370Kg)	
Print Speed	Main Scan (DPI)	Mode	Sub Scan (DPI)	Speed (m²/h)	Pass	DBF Mode
	720	Normal	600	97	2	Feather / No Feather
	360		1800	66	3	
	720		1200	51	4	
			1800	34	8	

Your DGI printer is distributed by:

dgiprinters.com

