

NEXT LEVEL PRODUCTION

# POSEIDON

DYE SUBLIMATION PRINTER

The fastest textile printer in its class with unparalleled performance and field-proven reliability.



## Redefining the expectation of performance through innovations in engineering.

Introducing the award-winning DGI POSEIDON industrial dye sublimation printer. Designed for print service providers and inplants looking to take production to the next level.

The Poseidon is an intermediate industrial dye-sublimation printer engineered for exceptional performance in speed and reliability. Utilizing 300dpi Kyocera heads, the Poseidon boasts an astounding production speed of 1 linear yard every 66 seconds for both 4 and 6 color configurations. Exclusive innovations such as nozzle weeping, separate wiping and capping stations, eco-mode, remote mobile monitoring, head collision sensors, dual dryers, and mini-jumbo roll capacity are standard features not found on any other printer of this size or price range.

Get ready to take your business to the next level with the power and versatility of the DGI POSEIDON.



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

Contact your dealer, scan the QR code or register at [dgiprinters.com/live-demo](https://dgiprinters.com/live-demo).



## Award Winning Features

The POSEIDON has won several awards for its innovative technology features that enhance production by improving speed, print quality and reliability through advanced engineering. Upgrade to an award-winning POSEIDON dye sublimation printer to take your production to the next level.



### Speed

300dpi Kyocera printheads maintain production level print speed of 1 linear yard every 66 seconds for both 4 and 6 color configurations with no speed dropoff.



### Quality

Exclusive Weeping feature protects to printhead by keeping the nozzles moist, reducing nozzle dropout and clogging to minimizing head cleanings and improving longevity.



### Operation

6.5L bulk ink tanks provide up to 10 hours of unattended operation, reducing man hours and increasing print time with Eco-Mode and the Mobile Monitoring app.



### Production

Poseidon can handle 1,640 ft (500m) mini-jumbo rolls of paper, or add the optional Jumbo Take-Up System to utilize jumbo rolls for longer production runs.



1 LY / 66 Seconds



4 or 6 Colors



64" & 74" Option



Monitoring App



Holds Mini-Jumbo



## 5-18PL Drop Size

Wide picoliter range offers greater control, allowing higher densities for deeper, more vibrant colors.

## Capping Station

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

## Dual Dryers with Rear Take Up

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

## Eco-Mode

Powers down non-essential functions between print runs for faster initialization between jobs.



## Mini-Jumbo Rolls

Standard holds 1,640\* ft. (500m) mini-jumbo rolls. Option for 6,560\* ft. rolls (2,000m) with **Jumbo Take-up System**.

\*Based on 70g paper

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## DYE SUBLIMATION PRINTER



## Head Collision Sensor

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

## Wiping Station

Automatically cleans the underside of the head at set intervals to preserve the life of the printhead.

## Ink Rheology for Better Blending

The chemistry of the F160 ink provides better dot gain and more natural blending, specifically with gradients.

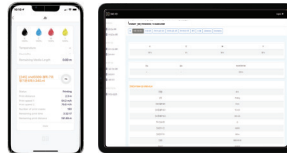
## Nozzle Weeping

Weeping action keeps the nozzles moist, preventing them from drying while idle and reducing dropout.



## Kyocera Print Heads

Designed for high speed printing, the 300dpi 2-color printheads deliver high quality and exceptional reliability.



## Mobile Monitoring

Get real-time print status updates with the mobile app\*. Ideal for unmanned operation.

\*Require printer internet connection.



## 6.5 L Ink Tanks

Get up to 10 hours of run time with 6.5 L ink tanks (optional) in 4 or 6 color configurations.

Print head	Piezo (Kyocera) (2 and 3 head options)			Ink	DGI F160	
Drop Size	5~18 PL Variable Dot			Media	Transfer Paper	
Print Mode	Uni/Bi, Normal/Interleave I,II / DGI Band Free Mode I,II,III			Interface	TCP / IP, USB 3.0	
Resolution	Max. 600 x 1,200 DPI			RIP Software	Ergosoft Ver. 15 (Optional : Wasatch, Caldera)	
Color	4 Colors (Cyan, Magenta, Yellow, Black) / 6 Colors (CMYK + Fluo Yellow (FL) Fluo Pink (FP),Light Magenta (LM), Light Cyan (LC), Orange, Blue			Operating Environment	Temperature : 68~86°F (20~30°C) Humidity : 40~70%	
Electricity	Single Phase, 200~240V, 50/06Hz, 35A / (Printer: 15A, Dryer: 10A)					
Max Print Width	64": 64.17" 74": 74.02"			Max Media Load	64": 64.96" Dia: 7.87" / Wt: 66 lbs. 74": 74.80" Dia: 7.87" / Wt : 66 lbs.	
Dimensions Crated	64": 137.80"(L) x 42.28"(W) x 67.33"(H) 74": 137.80"(L) x 42.28"(W) x 75.20"(H)			Dimensions Uncrated	64": 129.92"(L) x 47.25"(W) x 53.15"(H) 74": 139.37"(L) x 47.25"(W) x 53.15"(H)	
Weight Crated	64": 1,455 lbs. (660Kg)    74": 1,455 lbs. (660Kg)			Weight Uncrated	64": 970 lbs. (440Kg)    74": 1,014 lbs. (460Kg)	
Jumbo Roll Unwinder Dimensions	106.30"(L) x 21.66"(W) x 35.43"(H) Weight: 253.5 lbs.			Jumbo Roll Unwinder Electric	Single Phase, 200~240V, 50/06Hz, 4A	
Print Speed	Main Scan (DPI)	Mode	Sub Scan (DPI)	Speed (m/h)		Pass
	600	Normal	600	64": 115    74": 135		2
		Interleave		64": 80    74": 85		4
			900	64": 55    74": 60		6
				1200	64": 40    74": 45	

Your DGI printer is distributed by:

dgiprinters.com

