



# DTF ROOSTER 2403 RGBO

The DTF Rooster 2403 RGBO is a high-performance direct-to-film printing system designed to deliver exceptional color range and production stability. Equipped with three piezoelectric printheads, this model supports an expanded ink configuration of CMYK plus RGBO and fluorescent inks, allowing for more vibrant tones, special color effects, and enhanced visual impact. With a 60 cm (24") printing width, it is built to handle a wide variety of textile transfer sizes while maintaining sharp detail and consistent color output.

Engineered for professional production environments, the Rooster 2403 RGBO integrates advanced features such as a white ink recirculation and stirring system to prevent sedimentation and clogging, as well as a continuous ink supply with low-ink alarm for each color channel. Its robust pinch roller system helps maintain accurate media alignment, while the integrated front and rear heating system ensures proper ink curing and consistent transfer quality across different print speeds and materials.

With a total power consumption of 4.2 kW and a dedicated Gigabit Ethernet interface, the system is designed for stable, high-volume operation. It performs optimally in environments with temperatures between 65–83 °F and humidity levels from 45–75%, ensuring reliable output during extended production runs. Built with an industrial-grade structure and advanced color capabilities, the DTF Rooster 2403 RGBO is ideal for fashion, advertising, promotional products, and specialty textile applications that demand vibrant, high-impact results.

## TECHNICAL SPECIFICATIONS

PRINTING SYSTEM	
Technology:	Piezoelectric
Number of printheads:	3
Ink configuration:	CMYK + RGBO + Fluorescent ink
Maximum print width:	60 cm (24")
PRINTING SPEED	
Draft Mode:	6 Pass: Up to 28 linear ft/h
Production Mode:	8 Pass: Up to 21 linear ft/h
Quality Mode:	Not specified
Note:	Speed depends on pass mode and print settings.
FORMAT & MATERIALS	
Compatible materials:	Not specified
Maximum roll weight:	Not specified
Supported file formats:	Not specified
Software:	RIP software included (multiple options available)
POWER & ELECTRICAL	
Total power consumption:	4.2 Kw
Heater power consumption:	Included (front and rear heater system)
Electrical requirement:	220 VAC
Frequency:	Not specified
WORKING ENVIRONMENT	
Operating temperature:	65° F – 83° F (18–28 °C approx.)
Humidity:	45–75%