



# UV DTF RACCOON 2404 NEON

The UV Raccoon 2404 Neon is a piezoelectric UV DTF printing system with an integrated inline lamination module, engineered for high-definition industrial graphics and specialty labeling applications. Its four-printhead configuration and expanded ink set—CMYK, White, Varnish, Neon Magenta, and Neon Yellow—enable an extended color gamut, high-contrast white underbase layers, and raised UV varnish effects. This configuration enhances color vibrancy, tactile finishes, and durability, ensuring consistent output in demanding production environments.

The system incorporates automated media handling with load sensors, lamination control, and automatic rewinding, along with jam detection and gigabit network connectivity for stable data transmission. An intelligent ink alert system monitors ink levels to prevent production interruptions. The integrated UV curing lamps ensure immediate ink polymerization, allowing precise adhesion and dimensional stability across a wide range of label and graphic applications.

In terms of performance, the printer delivers speeds of up to 9.1 linear meters per hour at 6 passes and up to 6.1 linear meters per hour at 8 passes, depending on job configuration. It offers a maximum print width of up to 60 cm (24 inches) and supports standard file formats such as PDF, JPG, and TIFF. Operating on a 220 VAC electrical system with a total power consumption of approximately 1800W, the unit is designed for reliable integration into industrial production workflows.

## TECHNICAL SPECIFICATIONS

PRINTING SYSTEM	
Technology:	Piezoelectric UV DTF printing with inline lamination
Number of printheads:	4 printheads
Ink configuration:	CMYK + White + Varnish + Neon Magenta + Neon Yellow
Maximum print width:	Up to 60 cm (24")
PRINTING SPEED	
Draft Mode:	Up to 9.1 linear meters/hour (6 passes)
Production Mode:	Up to 6.1 linear meters/hour (8 passes)
Quality Mode:	Not specified in source
Note:	Speeds may vary depending on print type and configuration
FORMAT & MATERIALS	
Compatible materials:	Adhesive film and transfer film
Maximum roll weight:	Not specified in source
Supported file formats:	PDF, JPG, TIFF, etc.
Software:	RIP software included
POWER & ELECTRICAL	
Total power consumption:	Approx. 1800 W
Heater power consumption:	UV lamp curing system
Electrical requirement:	220 VAC
Frequency:	Not specified in source
WORKING ENVIRONMENT	
Operating temperature:	65°F – 83°F (18°C – 28°C)
Humidity:	45% – 75%
DIMENSIONS & WEIGHT	
Dimensions (L x W x H):	170 × 86.3 × 142.2 cm
Weight:	Not specified in source
Warranty:	One-year warranty