



UV DTF RACCOON 2403 PATCHES

The UV Raccoon 2403 Patches is a piezoelectric UV printing system engineered for textile decoration, patch production, and specialty apparel applications. Its three-printhead architecture combined with a CMYK + White + Varnish ink configuration enables high-definition graphics with strong color density, white underbase layers, and raised varnish effects. This configuration ensures excellent adhesion, durability, and dimensional stability on flexible textile substrates and synthetic materials.

The system incorporates automated textile media handling, including material release, tension sensors, and automatic rewinding, along with integrated network connectivity for stable data transmission. An intelligent low-ink alert system continuously monitors ink levels to prevent unexpected interruptions. The UV-curable ink technology provides fast curing, enhanced resistance, and optional glossy or matte varnish finishes, making it suitable for demanding garment and patch production workflows.

In terms of productivity, the printer offers multiple speed modes depending on the number of color layers and passes. It reaches up to 3.5 linear meters per hour in draft mode, 2.5 linear meters per hour in production mode, and 1.25 linear meters per hour in quality mode under 6-pass configuration. With a maximum print width of up to 60 cm and compatibility with standard graphic file formats, the unit integrates seamlessly into textile customization, uniform production, footwear decoration, and promotional accessory manufacturing environments.

TECHNICAL SPECIFICATIONS

PRINTING SYSTEM	
Technology:	Piezoelectric UV textile printing
Number of printheads:	3 printheads
Ink configuration:	CMYK + White + Varnish
Maximum print width:	Up to 60 cm (24")
PRINTING SPEED	
Draft Mode:	Up to 3.5 linear meters/hour
Production Mode:	Up to 2.5 linear meters/hour
Quality Mode:	Up to 1.25 linear meters/hour
Note:	Speed varies according to the number of color layers and print passes
FORMAT & MATERIALS	
Compatible materials:	Adhesive film and textile laminating materials (TPU, PU)
Maximum roll weight:	Not specified in source
Supported file formats:	PDF, JPG, TIFF, etc.
Software:	Not specified in source
POWER & ELECTRICAL	
Total power consumption:	Not specified in source
Heater power consumption:	Not specified in source
Electrical requirement:	220V
Frequency:	Not specified in source
WORKING ENVIRONMENT	
Operating temperature:	Not specified in source
Humidity:	Not specified in source
DIMENSIONS & WEIGHT	
Dimensions (L x W x H):	158 x 82 x 188 cm
Weight:	Not specified in source
Warranty:	One-year warranty