ESS 7512
ESS-SHDSI074TWS

The ESS 7512 Neon is an industrial sublimation plotter engineered for high-speed textile production with fluorescent color capabilities. Its twelve-printhead configuration is designed to maximize throughput while maintaining precise ink placement and consistent color distribution across the full print width. This architecture enables the production of vibrant neon tones and sharp details, making it suitable for creative textile applications that demand high visual impact.

The system operates with industrial CMYK sublimation inks and is optimized for continuous production using jumbo roll configurations of up to 1,000 m, 2,000 m, or 10,000 m. Integrated professional RIP software provides advanced color control, job scheduling, and production management, ensuring stable and repeatable output across extended print runs. Its industrial-grade construction and high-capacity electrical configuration allow reliable performance in demanding manufacturing environments.

In terms of productivity, the ESS 7512 Neon reaches speeds of up to 440 meters per hour in draft mode, 240 meters per hour in production mode, and 180 meters per hour in quality mode, depending on fabric type and image saturation. It supports a maximum print width of up to 190 cm and operates on a 380V electrical system with an approximate total power consumption of 15 kW, ensuring stable operation in high-volume textile sublimation workflows.

TECHNICAL SPECIFICATIONS

PRINTING SYSTEM	
Technology:	Industrial sublimation inkjet printing
Number of printheads:	8 printheads
Ink configuration:	CMYK industrial sublimation inks
Maximum print width:	Up to 180 cm (75")
PRINTING SPEED	
Draft Mode:	Up to 440 m/h
Production Mode:	Up to 240 m/h
Quality Mode:	Up to 180 m/h
Note:	Speeds may vary depending on design saturation, fabric type, and operating conditions
FORMAT & MATERIALS	
Compatible materials:	Sublimation transfer paper for textile applications
Maximum roll weight:	Not specified; supports jumbo rolls up to 1,000 m, 2,000 m, or 10,000 m length
Supported file formats:	Not specified in source
Software:	Professional RIP software
POWER & ELECTRICAL	
Total power consumption:	Approx. 15 Kw
Heater power consumption:	Included in total consumption
Electrical requirement:	380 V
Frequency:	50–60 Hz
WORKING ENVIRONMENT	
Operating temperature:	Not specified in source
Humidity:	Not specified in source
DIMENSIONS & WEIGHT	
Dimensions (L x W x H):	Not specified in source
Weight:	Not specified in source
Warranty:	One-year warranty