ESS S1908
ESS-ESDST075OA1

The ESS S1908 is a large-format sublimation plotter engineered for high-volume textile production environments that require both speed and precision. Its eight-printhead configuration enables high-throughput printing while maintaining consistent ink distribution across the full print width. The CMYK sublimation ink system delivers strong color saturation, accurate tonal reproduction, and reliable transfer performance onto polyester fabrics and coated substrates.

The system is designed for continuous industrial workflows, integrating professional RIP software for advanced color management, job control, and production optimization. It supports sublimation transfer papers such as Qualitex paper and features a high-capacity ink system and large paper roll support, reducing downtime and improving overall operational efficiency. Its industrial construction and integrated heating system ensure stable media handling and consistent output during extended production cycles.

In terms of performance, the ESS S1908 delivers speeds of up to 150 meters per hour in draft mode, 120 meters per hour in production mode, and 100 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 220V electrical configuration with an approximate total power consumption of 9 kW. This setup ensures reliable, high-speed output for demanding textile sublimation applications.

TECHNICAL SPECIFICATIONS

PRINTING SYSTEM	
Technology:	Large-format sublimation inkjet printing
Number of printheads:	8 printheads
Ink configuration:	CMYK sublimation inks
Maximum print width:	Up to 190 cm (74.8")
PRINTING SPEED	
Draft Mode:	Up to 150 m/h
Production Mode:	Up to 120 m/h
Quality Mode:	Up to 100 m/h
Note:	Speeds may vary depending on design saturation, fabric type, and operating conditions
FORMAT & MATERIALS	
Compatible materials:	Sublimation transfer paper (Qualitex or equivalent)
Maximum roll weight:	Not specified in source
Supported file formats:	PRT, PRN, PLT
Software:	Professional RIP software
POWER & ELECTRICAL	
Total power consumption:	Approx. 9 kW
Heater power consumption:	Included in total consumption
Electrical requirement:	220 V + UPS
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