



# ESS 7508

## ESS-I078FP

The ESS 7508 is an industrial sublimation plotter designed for ultra-high-volume textile production environments requiring maximum throughput and consistent color performance. Its eight-printhead architecture enables high-speed output while maintaining uniform ink distribution across the full print width. The CMYK industrial sublimation ink configuration ensures strong color saturation, accurate tonal transitions, and reliable transfer performance onto polyester fabrics and coated substrates.

The system is optimized for continuous industrial workflows, supporting jumbo roll configurations of up to 1,000 m, 2,000 m, or 10,000 m to minimize downtime and increase operational efficiency. Integrated professional RIP software provides advanced color control, job queuing, and production management tools, ensuring consistent output during long production cycles. Its heavy-duty construction and industrial electrical configuration allow stable performance under demanding manufacturing conditions.

In terms of productivity, the ESS 7508 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 180 cm and operates on a 380V electrical system with an approximate total power consumption of 15 kW. This configuration ensures reliable, high-speed sublimation output for large-scale textile operations.

## 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