

SureColor® F20070

Industrial Dye-Sublimation Printer



Where productivity
fuels profitability.



PRECISIONCORE
PRINTHEAD

ULTRACHROME
DS INK

Epson Cloud Solution
PORT®

Epson Edge Print PRO



High productivity for fast ROI — eight 4.7" printheads drive reliable, industrial-level production to help keep schedules and margins on track

More uptime means more sellable goods — proven PrecisionCore® Micro TFP® printhead technology and automated maintenance system for round-the-clock production

High-capacity media handling — 300 kg large-roll media system improves efficiency and reduces operator intervention

Low running cost — high-efficiency UltraChrome® DS Ink 10 L¹ packs deliver vibrant, high-density prints and optimal ink usage

Consistent quality at full speed — Nozzle Verification Technology detects nozzle condition in real time and self-corrects without stopping the printer

Minimal training required — low maintenance and easy-to-use—new operators can keep production running smoothly

Smart remote monitoring — track jobs, costs, performance and efficiency in real time with Epson Cloud Solution PORT²

Save time and hassle — with user-replaceable printheads that help minimize downtime

Supported by Epson — limited warranty includes on-site repair and service to help minimize disruption and protect production schedules

Comprehensive service plans — Extended Service Plan³ options available for up to a total of 5 years of continuous coverage

Designed for use exclusively with Epson ink packs.*

Print

Printing Technology Eight advanced PrecisionCore Micro TFP drop-on-demand, inkjet printheads with Nozzle Verification Technology

Ink Type UltraChrome DS with High-Density Black Ink; 4-color

Ink Configuration C, M, Y, HDK

Nozzle Configuration 6,400 nozzles per color x 4 colors

Droplet Technology Variable-Sized Droplet Technology

Maximum Resolution 1200 x 1200 dpi

Printer Speeds*

Fashion Decor: Up to 3,250 ft²/hr

Sports Apparel: Up to 2,600 ft²/hr

Ink¹

Ink Pack Fill Volume C, M, Y, and HDK: 10 L packs per color (hot-swappable)

This printer is designed for use with genuine Epson packs only, not third-party packs or ink*.

Roll Media Handling

Single Roll-to-Roll Up to 76.7" wide

Roll Media Core 3" diameter

Maximum Roll Diameter 19.6" (500 mm)

Maximum Roll Weight 300 kg

Media Thickness From 22 gsm to 1 mm thick

Take-Up Reel Fully automatic with tension control

Printable Area and Accuracy

Maximum Paper Width 76.7"

Minimum Paper Width 11.8"

Left/Right Margins 0.20" (0.40" total)

Maximum Printable Width Up to 76.2"

Printer Interfaces

SuperSpeed USB 3.0 (1 port)

1000Base-T Ethernet (1 port)

Operating Systems Supported

Windows® 11

Minimum PC Specifications: Intel Core® i7-14700 or faster CPU, 32GB memory, 1 TB or more HDD and high-speed Internet connection

General

Weight and Dimensions (W x D x H)

Dimensions: 182" x 91" x 75"

(4,607 mm x 2,296 mm x 1,886 mm)

Weight: 2,304 lb (1,045 kg)

Temperature

Operating: 59° F to 95° F (15° C to 35° C)

Operating (Recommended): 59° F to 77° F (15° C to 25° C)

Relative Humidity

Operating: 20% – 80% (no condensation)

Operating (Recommended): 40% – 60% (no condensation)

Power Consumption

Printing: 6,345 W

Ready: 3,330 W

Sleep: 310 W

Electrical Requirements

Printer: Requires four outlets

Voltage: 200 V – 240 V x 4

Frequency: 50 Hz/60 Hz

Current: 16.0 A x 4

Country of Origin China

Eco Features

RoHS compliant

Epson America, Inc. is a SmartWay® Transport Partner⁵

What's Included

SureColor F20070 Printer, Cleaning Kit, Signal Lamp, Wiper Roll, Waste Ink Bottle, Dryer Unit, Ink Supply Unit, Epson Edge® Print PRO Software

ECO PASSPORT by OEKO-TEX® is a system by which textile chemical suppliers demonstrate that their product can be used in a sustainable textile production. Epson dye-sublimation ink is certified by the ECO PASSPORT. This is an international safety standard in the textile industry. It is certified to be safe for adults and children, including babies.

* This product uses only genuine Epson-brand ink packs. Other brands of ink packs and ink supplies are not compatible and, even if described as compatible, may not function properly or at all.

1 Part of the ink from the first cartridges/packs is used for initializing the printer. Ink usage will vary considerably based on images printed, print settings, paper type, frequency of use, temperature and humidity. Variance may be more pronounced when printing infrequently or predominantly with one ink color. Ink is used for printing and printer maintenance, and all colors must be available for printing. For print quality, a variable amount of ink remains after the "replace ink" indicator comes on. | **2** All features of this system require an active Internet connection and the use of a supported browser. | **3** Product comes with a 90-day limited warranty with the option to purchase extended service plans up to a total of 5 years of continuous coverage. | **4** Print speeds are based on the print engine speed only. Total throughput time for any print depends on various factors including workstation configuration, file size, print resolution, ink coverage and networking. Actual print speeds will vary. | **5** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

See the latest innovations from Epson Business Solutions at epson.com/forbusiness



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