



Where productivity
drives profitability.

High productivity:

Eight 11.9 cm (4.7") printheads drive enhanced production throughput across commonly used production modes.

More uptime keeps production moving:

Proven PrecisionCore Micro TFP® printhead technology and automated maintenance system for continuous production.

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.

Designed for fast operator onboarding:

Low maintenance and easy-to-use—new operators can keep production running smoothly.

Seamless Workflow:

Powerful Epson Edge® Print workflow software featuring Adobe® PDF Print Engine.

Large-roll media support:

Optional 300 kg (660 lb) large-roll media system improves efficiency and reduces operator intervention.

Smart remote monitoring:

Track jobs, costs, performance and efficiency in real time with Epson Cloud Solution PORT².

Supported by Epson:

Includes 1 year of on-site service and repair to help minimize disruption and keep production on schedule.

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



PRECISIONCORE



Epson Edge Print PRO®



Print

Printing Technology Eight advanced PrecisionCore MicroTFP® 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/Signage: Up to 295 m²/hr

Sports Apparel: Up to 245 m²/hr

Ink¹

Ink Pack Fill Volume C, M, Y, and HDK: 10 L packs per color (interchangeable during production)

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

Ink pack shelf life: 2 years from the printed production date

Roll Media Handling

Single Roll-to-Roll Up to 1.95 m wide (76.7")

Roll Media Core 5.1 cm or 7.6 cm (2" or 3") diameter. 7.6 cm (3") only with large roll/reel option

Maximum Roll Diameter 25 cm (9.8"). 50 cm (19.6") with large roll/reel option

Maximum Roll Weight 60 kg (132 lb). 300 kg (660 lb) with large roll/reel option

Media Thickness Up to 1 mm thick

Take-Up Reel Fully automatic with tension control

Printable Area and Accuracy

Maximum Paper Width 1.95 m (76.7")

Minimum Paper Width 30 cm (11.8")

Left/Right Margins 7 mm (0.28"). 14 mm (0.55") total

Maximum Printable Width Up to 1.94 m (76.2")

Printer Interfaces

SuperSpeed USB 3.0 (1 port)

1000 Base-T Ethernet (1 port)

Operating Systems Supported

Windows® 11 Pro (64-bit)

Minimum PC Requirements

CPU: i7-1250U 12th Gen Intel® Core™

Memory: 32 GB

Storage: 1TB PCIe NVMe SSD

Communication interfaces: Ethernet RJ45 Card (1 Gbps) or USB-C to Ethernet Adapter (1 Gbps). It is recommended to use a fixed IP address

Screen resolution: 1920 x 1200

The user and active session must have administrator rights

Installed antivirus software must be configured to allow exceptions for Epson programs (Epson Edge® Print, Epson Edge Dashboard)

General

Dimensions (W. x D. x H.)

SC-F20070 Standard Roll Unit / Standard Reel Unit

Closed covers: 4.607 mm x 1.303 mm x 1.886 mm (181.4" x 51.3" x 74.2")

Open covers: with roll: 4.607 mm x 1.350 mm x 1.931 mm (181.4" x 53.1" x 76")

Footprint: 5.607 mm x 3.350 mm x 2.031 mm (220.7" x 131.9" x 79.9")

SC-F20070 Large Roll Unit / Standard Reel Unit

Closed covers: 4.607 mm x 1.740 mm x 1.886 mm (181.4" x 68.5" x 74.2")

Open covers: with roll: 4.607 mm x 1.839 mm x 1.931 mm (181.4" x 72.4" x 76")

Footprint: 5.607 mm x 3.839 mm x 2.031 mm (220.7" x 151.1" x 79.9")

SC-F20070 Large Roll Unit / Large Reel Unit

Closed covers: 4.607 mm x 2.296 mm x 1.886 mm (181.4" x 90.4" x 74.2")

Open covers: with roll: 4.607 mm x 2.494 mm x 1.931 mm (181.4" x 98.2" x 76")

Footprint: 5.607 mm x 4.494 mm x 2.031 mm (220.7" x 176.9" x 79.9")

Weight:

744 kg (1640 lb) (With Standard Roll Unit & Standard Reel Unit)

872 kg (1923 lb) (With Large Roll Unit & Standard Reel Unit)

1,045 kg (2304 lb) (With Large Roll Unit / Large Reel Unit)

Temperature

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

Operating (Recommended): 18° C to 28° C (64° F to 82° F)

Relative Humidity

Operating: 20% – 80% (no condensation)

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

Electrical Requirements

Voltage

AC 200-240V x 2

AC 200-240V (Large Roll Unit)

AC 200-240V (Large Reel Unit)

Rated Current

16A x 2

10A (Large Roll Unit)

15A (Large Reel Unit)

Power Consumption

Operating

Approx. 5.0kW

Large Roll Unit: 50W

Large Reel Unit: 190W

Ready

Approx. 4.2kW

Large Roll Unit: 40W

Large Reel Unit: 2.4W

Sleep

Approx. 229kW

Large Roll Unit: 38W

Large Reel Unit: 50W

Power Off (Stand by)

Approx. 13.1kW

Large Roll Unit: 0.8W

Large Reel Unit: 0.8W

Eco Features

RoHS compliant

Epson America, Inc. is a SmartWay® Transport Partner^{®5}

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 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. 1 2 All features of this system require an active Internet connection and the use of a supported browser. 1 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. 1 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. 1 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.

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