F F-Series

LARGE FORMAT PRINTERS
SURECOLOR™ SC-F6070/SC-F7070

EPSON
EXCEED YOUR VISION

WORLD'S 1st Original Ink Tank Large Format Printer

THE PROFITABLE SOLUTION TO RELIABLE, HIGH QUALITY TEXTILE PRINTING.

The SureColor™ SC-F6070 and SC-F7070 are the first in the market in which every component is designed and manufactured by a single company. The result is a high-performance textile printer with exceptional reliability and industrial-level production with high quality output up to 720 x 1,440 dpi. It allows commercial users to take on more jobs and generate more profits, while reducing the number of printers needed for full production capacity.

SC-F6070
Up to 44" Wide

SC-F7070
Up to 64" Wide

High capacity 1L original ink packs.

Up to 64" Wide | Cost Effective | 1 Year Warranty | 1.5L Ink Tanks | Epson Genuine Inks | Environmentally Friendly

4 COLOURS 4 INKS MAX.

DS EPSON ULTRACHROME DYE SUB INK	MAXIMUM MEDIA WIDTH	MAX. INK CAPACITY PER COLOUR	RIP INCLUDED	PRINT SPEEDS[2]	SQ FT/HR
	64" & 44"	1.5L		HIGH SPEED	324
				PRODUCTION	244
				HIGH QUALITY	89

ENGINEERED FOR BUSINESS

Genuine Ink Tank System
1.5L integrated ink tanks reduce frequency of refills. Genuine Epson ink refills deliver high quality, high volume performance.

Superb Reliability
High-performance dye-sublimation transfer printers designed with extreme reliability for true industrial-level production.

Impressive Image Quality
Epson UltraChrome® DS ink, a specially-developed new dye-sublimation aqueous ink, produces vibrant colours, intense blacks, sharp contours, and smooth gradations.

EPSON ULTRACHROME DS INK

The SureColor F-series brings together the best of Epson's technical know-how and advanced printing technologies to create a fast, reliable and high quality, large format textile printing solution. These large format ink tank system printers enable up to 17 hours of non-stop operation, which is ideal for commercial production.

Genuine Ink Tank System

Commercial large format printing places great demands on speed and turn around time. The SureColor F-series are the first in their class to integrate large, 1.5L capacity ink tanks for increased productivity and efficiency, reducing the frequency of ink refills while at the same time enabling fast, high-volume printing. Refills, when needed, come in convenient and value-for-money 1L packs containing genuine Epson ink for the best quality.

Superb Reliability

Designed for dye-sublimation, both printers offer continuous printing and reduced shudder with a high rigidity welded frame while printing. The Auto Tension Control feature also works according to the diameter of the media for a more accurate paper feeding.

Impressive Image Quality

Developed over a three-year period, Epson UltraChrome® DS is a specially-formulated dye-sublimation ink, producing outstanding images with vibrant colours, intense blacks, sharp contours, and smooth gradations. This all-new ink technology exhibits excellent light and wash fastness, as well as resistance to alkaline and acid perspiration.

Oeko-Tex Certification

The four colour Epson dye-sublimation inks used in the SureColor F-Series printers, when applied to polyester fabrics, pass the requirements of Oeko-Tex Standard 100 for human ecological requirements of Class 1 products for adults, children, and babies up to 36 months. Oeko-Tex Standard 100 specifies testing criteria for the presence of harmful substances within a textile product. The standard belongs to the International Association for Research and Testing in the field of Textile Ecology (Oeko-Tex).

EPSON SureColor F-series Workflow

Create artwork with Photoshop, etc. | Print on paper. | Transfer to fabric. | Finished.

Designed for Convenient Operation

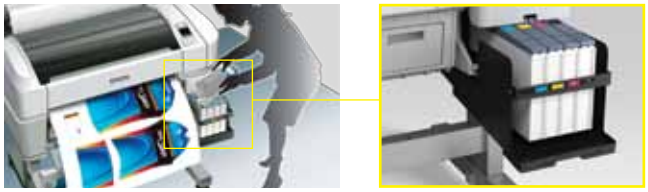
The SureColor F-series comes standard with an industry-leading RIP that provides complete layout and printer management, with powerful colour management technology dedicated to professional imaging that lets you start printing productively with little to no deployment time.

Traditional Silk Screen Printing Workflow

Separate colours are created in layers in Photoshop, etc. | Prepare positve film for each colour. | Coat screen with emulsion and leave it to dry. | Expose artwork to screen under UV light. | Wash screen with water. | Dry screen. | Mix colour (ink). | Place ink onto screen and draw with a squeegee to print. | Cure ink to dry. | Finished.

Easy Ink Replacement

Ultra high capacity 1L ink packs eliminate the need for frequent ink cartridge replacements. The ink tank system is fully integrated into the printer design and is easy to refill.



New Refillable High-capacity Ink Tanks
Up to 1.5L per colour.

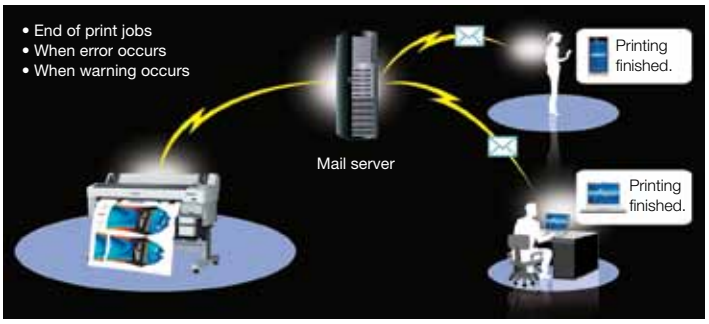
Simple Ink Refill Packs
1L ink refill packs with replacement IC chips.
The ink chip will trigger an alert when ink level is low.

Easy-to-Use Interface

The new 2.5" colour LCD screen control panel lets users use shortcut keys to check and use printer settings intuitively. The large LED alert lamp notifies users of any printing errors. The paper feed button allows users to adjust the paper feed without stopping any print jobs, ensuring minimal print wastage.

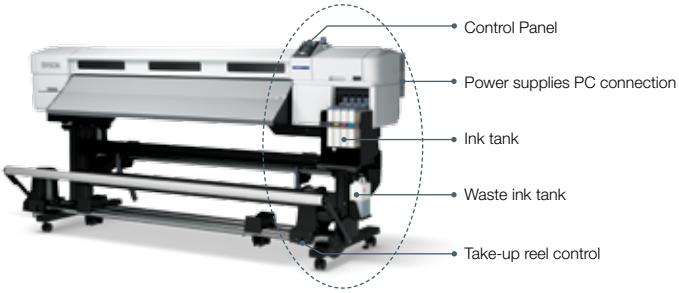
Status Notification System

A status notification system alerts users of the printer status via e-mail.



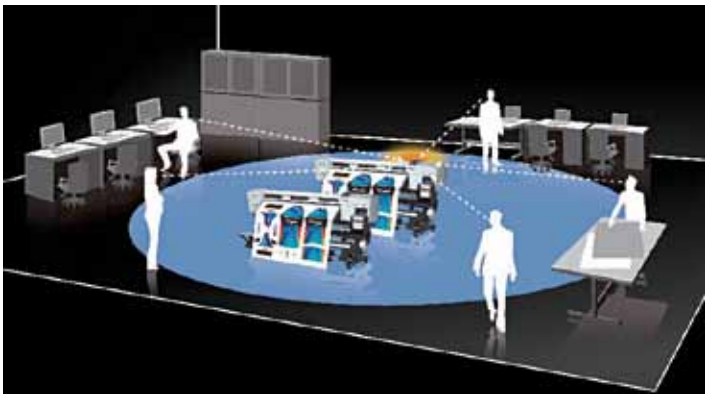
User-Friendly Layout

All major functions and features like the ink tank system, control panel and take-up reel control can be conveniently accessed on the right side of the printers, reducing unnecessary time spent on locating different features.



Alert Lamp & Buzzer

In the event of printer error, users are quickly alerted.



Easy Operation from the Front of Printer

Better Products for a Better Future™

SureColor F-Series printers utilise Epson UltraChrome® DS Ink, which does not require special ventilation when used indoors and features a safe pigment formulation that is 100% free of nickel and fluorine compounds.

SPECIFICATIONS
SURECOLOR™ SC-F6070/SC-F7070

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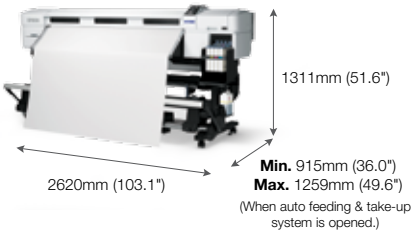
MODEL NUMBER			SC-F6070	SC-F7070
Printing Technology				
Printing Method			MicroPiezo TFP® Print Head	
Nozzle Configuration			360 x 2 nozzles each colour (x4)	
Print Direction			Bi-directional printing, uni-directional printing	
Maximum Resolution			720 x 1440 dpi	
Minimum Ink Droplet Volume			5.3 pl	
Print Modes	**Resolution**	**Pass**	**Print Speed (m²/H)**	
High Speed	720 x 720	2	30.2	30.4
Production2	720 x 720	3	22.7	22.2
Production3	720 x 720	4	15.8	16.2
High Quality	720 x 720	6	11.2	11.1
High Quality	720 x 1440	8	8.3	8.2
			*All speeds depend on RIP	
Ink System				
Ink Type			Epson UltraChrome® DS ink Technology	
Colours			Cyan, Magenta, Yellow, Black	
Ink Tank Capacity			1500ml	
Ink Pack Capacity			1000ml	
Paper Handling				
Paper Feed Method			Friction Feed	
Roll Outer Diameter			Up to 150mm (3" roll core)	Up to 250mm
Roll Core Size			2" or 3"	
Media Width			254mm (10") to 1118mm (44")	Optional
Printing Width (Margin)			Max. 1112mm Side Margin: 3mm both sides	Max. 1615.6mm Side Margin: 5mm both sides (10mm when using Media Holding Plates)
Media Thickness			0.08 – 0.50mm (Over 75gsm)	0.08 – 1mm (Over 75gsm)
Control Panel				
Colour & Size			2.5" Colour LCD	
Number of Dots			480(W) × 240(H) dot	
Connectivity				
Standard			USB 2.0 Hi-Speed	
Ethernet			100BASE-TX / 1000BASE-T	
Memory				
Main			512MB	
Network			128MB	
Control Code			ESC / P raster	
Electrical Specifications				
Rated Voltage			AC 100 – 240V (AC 90 - 264V)	
Rated Frequency			50 – 60Hz	
Power Supply			50 – 60Hz 1.0 – 0.5A	
Power Consumption				
Operating			Approx. 65W	
Standby			Approx. 20W	
Sleep			Approx. 3W (Interface is 1000BASE-T)	Approx. 9W
Power Off			Less than 0.4W	Less than 0.5W
Acoustic Noise Level				
Sound Pressure Level <dB(A)>			Approx. 55.1dB	Approx. 59dB
Sound Power Level <B(A)>			Approx. 7.3dB	Approx. 7.4dB
Printer Software on CD-ROM			Communication Driver, User's Guide, EPSON LFP Remote Panel 2, EpsonNet Setup, EpsonNet Config, EpsonNet Print	
Options				
Auto Take Up Reel			C12C815411	C12C815391
Heavy Roll Media System			C12C890761	
Waste Ink Bottle			N.A.	C13T724000
Maintenance Box			C13T619300	N.A.
Maintenance Kit			C13T724200	
Auto Cutter Blade			C13S902006	N.A.
Roll Media Adaptor			C12C811391	N.A.
Media Holding Plate			N.A.	C12C890891
Consumables			**Order Code**	
Maintenance Box			C13T619300	N.A.
Auto Cutter Spare Blade			C13S902006	N.A.
Media Holding Plate			N.A.	C12C890891
Waste Ink Bottle			N.A.	C13T724000
Maintenance Kit			N.A.	C13T724200

Dimensions & Weight

SC-F6070
Weight: 90kg (198.4lb) (without ink)

SC-F7070
Weight: 225kg (496.0lb) (without ink)



Ink Pack Compatibility

1L Ink Packs

Black	C13T741100
Cyan	C13T741200
Magenta	C13T741300
Yellow	C13T741400

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