BIGGER AND BETTER. REVOLUTIONISE TEXTILE PRINTING

SURECOLOR SC-F10030

PRODUCE LARGER PIECES OF TEXTILES WITH EPSON'S FIRST 76-INCH LARGE FORMAT TEXTILE PRINTER

Introducing Epson's SureColor SC-F10030 dye sublimation textile printer, where high efficiency, speed and reliability are central to the success of businesses. With four new PrecisionCore Micro TFP printheads and an integrated dryer, greater productivity is achieved. Enjoy top-notch print quality as Precision Dot Technology leverages on optimised, new technologies to deliver astounding prints. Built to reduce downtime, a self-repair function and Epson Cloud Solution PORT feature allow users to easily replace specific components on their own for easy and seamless printer fleet management.

IT'S IN THE DETAILS.

PRECISIONCORE PRINTHEAD

EPSON ULTRACHROME DS INK

Epson Edge Print

EPSON
EXCEED YOUR VISION

A MULTITUDE
OF BENEFITS AWAIT

The textile industry is ever-changing and the ability to manufacture unique printed textiles on a short production run is quickly becoming a business advantage. From delivering unparalled productivity, to producing nothing less than spectacular print quality, Epson's SC-F10030 helps evolve and advance your business, taking it to the next level.

ENHANCED LEVEL OF PRODUCTIVITY

When it comes to textile printing, the ability for greater quality output in the shortest amount of time is integral, especially in high volume environments.

NEW PRECISIONCORE MICRO TFP PRINTHEADS

PrecisionCore represents Epson's TFP technology, created by merging advanced key component technologies and high-precision MEMS fabrication processes. Epson's SC-F10030 integrates four new 4.7-inch bandwidth PrecisionCore Micro TFP Printheads that allows for a larger printing area and a maximum print speed of 255 sqm/h. With a total of 3200 nozzles per head and a head resolution of 600dpi, delivering minute detail at incredible speed with unbeatable image quality is made possible.
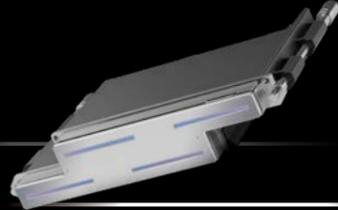
NEW AND IMPROVED INTEGRATED DRYER

Epson's SC-F10030 integrates a new dryer that empowers high-speed printing at a maximum temperature of 110°C. With understanding that unwanted ink transfer and wrinkling are common issues with regards to textile printing, the new dryer is designed to eliminate these worries. Paper surface temperature is controlled effectively by heating both frontside (heater with fan) and backside (heater) of the media.

STEP AND REPEAT ON PRINTER

Say goodbye to the hassles of data spooling from your PC as Epson's SC-F10030 possesses the ability to perform step and repeat print independently. By simply selecting this function and setting the print size on a RIP software, users can now reduce file transfer time from PC to printer and enjoy step and repeat print effortlessly.

Step & Repeat function by RIP

Step & Repeat function by Printer
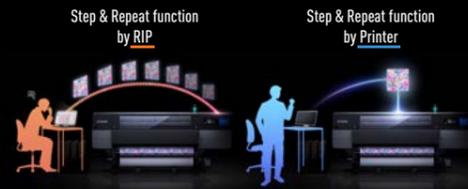
EXCELLENT AND INCREDIBLE PRINT QUALITY

Heavily reliant on visual aspects, print quality plays an important role when it comes to attracting and garnering attention from audiences.

Epson Precision Dot Technology

Micro Weave

Multi Layer Halftone

LUT
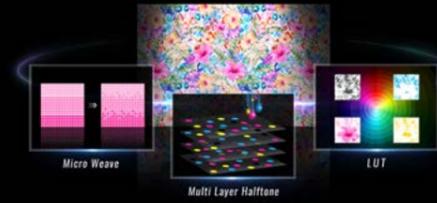
EPSON PRECISION DOT TECHNOLOGY

Epson's Precision Dot Technology consist of three different dedicated technologies, namely Micro Weave, Lookup Table (LUT) and Halftone. By optimising he Micro Weave and LUT technology, as well as developing a new Halftone – Multi-layer Halftone, Epson's SC-F10030 realises higher printing robustness against dot placement error. When these three new technologies are harmonised, amazing image quality with reduced graininess and branding is achieved.

AUTO ADJUSTMENT CAPABILITY

The auto adjustment feature contributes to operation effectiveness by adjustments being done automatically via the RGB camera. It supports more stable print quality in accordance with the actual print pattern and less on manual adjustments where potentiality of errors and inaccuracy may be higher.
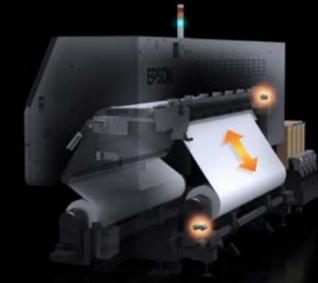
ADVANCED AUTO TENSION CONTROL

High paper feeding accuracy contributes to high print quality. Epson's SC-F10030 advanced auto tension control function enables accurate and stable media feeding across a variety of media. The media feed motor and roll drive motor synchronises to control paper feed accurately and stably. In this way, any negative effects caused by variance in media weight, roll core shape, diameter, tackiness and take-up reel operation status is reduced. Both paper feeding and printhead (dot placement and density) adjustments are available to users.

EPSON

SureColor
F10000

HIGH RELIABILITY AND UPTIME MAXIMISATION

Technical malfunctions and troubleshooting pose as common concerns. Designed for reliability, Epson's SC-F10030 gives users greater peace of mind. In the unlikely event of technical difficulties, repairing is made easy and intuitive, enabling users to solve the issue themselves for increased uptime.

BULK INK SUPPLY SYSTEM

Bulk ink supply system with 10L ink cartridges and hot swap function empowers continuous operation. Should an ink cartridge run out during printing, Epson's SC-F10030 automatically switches and activates another ink cartridge for uninterrupted printing. The finished ink cartridge can be easily replaced with a new one, all while the printer continues to print using the switched cartridge.

USER SELF-REPAIR FUNCTION

With Epson's first ever User Self-Repair function, specific parts such as the printhead and anti-drying cap can be replaced by users themselves, resulting in faster printer recovery and minimisation of downtime in comparison to waiting for service. The User Self-Repair function is supported by 3 components - Easy self-replaceable parts, Printer Diagnosis System and Epson's Remote Monitoring System.
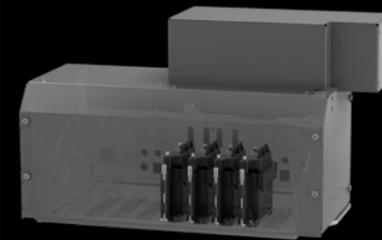
EPSON CLOUD SOLUTION PORT

Epson Cloud Solution PORT is a cloud-based solution for Epson end users. This software provides users with the status of the connected printer and alerts for troubleshooting if required. The Production Monitor allows users to visualise printer operational status anytime, anywhere, from their PC or smart devices. In this way, productivity improves as users can identify the most urgent actions required and correct the issue efficiently with minimal disruption to the print run.

SPECIFICATIONS
SURECOLOR SC-F10030

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MODEL NUMBER	SC-F10030
PRINT	
Technology 1	PrecisionCore inkjet technology
Technology 2	Variable-Sized Droplet Technology
Printhead	PrecisionCore Micro TFP Printhead
Nozzle Configuration	12,800 nozzles (1,600 nozzles x 2 lines x 4 head)
Maximum Resolution	1,200 x 1,200 dpi (With 300 x 300 dpi 16 Half Tone layers)
Minimum Ink Droplet Volume	3.8 pl
Print Speed	Maximum print speed of 255sqm/h
Margin (Roll paper)	7 mm (Right / Left), 5 mm (top), 5 mm (Bottom) (14 mm when using Media Holding Plates)
INK	
Ink Types	Dye sublimation transfer ink
Ink Brand Name	UltraChrome DS
Colours	Cyan, Magenta, Yellow, High Density Black
Ink Capacity	10,000 ml
Ink Case	Ink cartridge
MEDIA HANDLING	
Paper Path	Friction Feed
Maximum Diameter / Weight	Max. diameter 250 mm / 60 Kg (Roll) Max. diameter 250 mm / 60 Kg (Reel)
Paper Width (Roll)	300 mm - 1,950 mm (Take-up reel support over than 914.4 mm)
Roll Paper Remaining	The remaining amount is managed on control panel.
CONTROL PANEL	
Colour/Size	9.0 inch Touch Panel
CONNECTIVITY	
Interfaces	USB 3.0 1000Base-T
Printer Language	ESC/P raster
Memory	155GB
ENVIRONMENTAL CHARACTERISTICS	
Temperature	Operating: 10°C - 35°C Storage (before unpacking): -20°C - 60°C 1 month at 40°C, 120 hours at 60°C Storage (after unpacking): -20°C - 40°C 1 month at 40°C
Humidity	Operating: 20 - 80% (no condensation) Storage: 5 - 85% (no condensation)
DIMENSIONS & WEIGHT	
Printing Dimensions (W x H x D)	4,607mm x 1,886mm x 1,303mm
Storage Dimensions (W x H x D)	4,607mm x 1,886mm x 1,303mm
Weight	Approx. 736 kg (Without ink cartridges)
ELECTRICAL SPECIFICATION	
Voltage	AC200-240V x 2
Rated Current	16A x 2
POWER CONSUMPTION	
Operating	approx. 3.9 kW
Storage Dimensions (W x H x D)	approx. 221 W
Power Off (Stand by)	approx. 9.6 W
ACOUSTIC NOIZE LEVEL	
Sound Pressure Level <db(A)>	approx. 59 dB
UTILITY SOFTWARE	
Utility Software (Bundled in CD)	Windows only: CD: Epson Communication Driver, EpsonNet Print, EpsonNet Setup, EpsonNet Config SE, Epson Manual Launcher, User's Guide (Excerpt), Epson Software Updater, Installer Package DVD: Epson Edge Print
Utility Software (Web delivery)	Windows and Mac: Epson communication Driver, EpsonNet Config SE, Epson Manual Launcher, Online Manual, Epson Video Manuals, User's Guide (Excerpt), User's Guide, Network Guide, Start-Up Guide, Epson Control Dashboard, Epson Software Updater, Installer Package, LFP Accounting Tool
OPTIONS	Take Up Media Holder, Take In Media Holder, Media Cleaner Brush, Presser Roller Spacer
CONSUMABLE	Cleaning Kit, Wiper Roll, Waste Ink Bottle
SYSTEM	
Win PC System Requirement	Macintosh Mac OS X(10.6.8 or later) CPU : Core 2 Duo 2.0GHz Memory : Memory more than 1GB HDD : Free space more than 500MB (For utility software, please refer to system requirement for each Utility software)
WHAT'S IN THE BOX	Printer, Signal Lamp, Waste Ink Bottle, Media Cleaner Brush, Presser Roller Spacer, Wiper Roll, Charging Unit, Dryer Unit, Media Guide Bar, Ink Supply Unit, Auto Take-Up Reel Unit, Start-Up Guide, Software CD-ROM, Epson Edge Print DVD-ROM
WARRANTY	1 Year Self-Repair Warranty*

*Subject to relevant terms and conditions.

Dimensions & Weight

Weight: 736 kg (Without ink cartridges)

1,303mm (51.3")

4,607mm (181.4")

1,886mm (74.3")
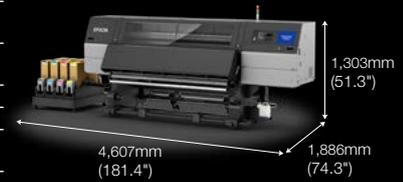
Description	SKU
UltraChrome DS High Density Black Ink (10L)	C13T43G100
UltraChrome DS Cyan Ink (10L)	C13T43G200
UltraChrome DS Magenta Ink (10L)	C13T43G300
UltraChrome DS Yellow Ink (10L)	C13T43G400
Take Up Media Holder	C12C933881
Take In Media Holder	C12C933901
Media Cleaner Brush	C12C936031
Presser Roller Spacer	C12C936041
Cleaning Kit	C13S210103
Wiper Roll	C13S210065
Waste Ink Bottle	C13S210071

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Information correct at time of printing
Printed November 2020