

SureColor® T3770DE

24-Inch Large-Format
Dual-Roll CAD/Technical Printer



This design changes everything.



Incredible speed and performance — delivers crisp, detailed, colorful prints using a reliable 2.64" PrecisionCore® Micro TFP® printhead, producing remarkable A1/D-size prints in as little as 16 seconds¹

Innovative design fits almost any workflow — unique flattop design with complete front operation, simple automatic roll loading and dual roll/take-up reel integrated

Stunning image quality and precise line detail — vivid UltraChrome® XD3 Ink with Red Ink produces crisp lines and vibrant colors for graphics, signage, blueprints, documents and more

Print on a wide range of media for various applications — print on a variety of media, including glossy, technical, bond, matte and specialty media, and rigid posterboard up to 1.5 mm thick

Seamless dual-roll productivity — accommodate two media types or sizes, or use the second roll as a take-up reel for roll-to-roll production

Easy to use and maintain — configurable 4.3" touchscreen control panel for simple operation, automated routine maintenance and convenient user self-service for long-term operation

No assembly required — be up and printing in as little as 30 minutes

Versatile connectivity — high-speed USB 3.0, Gigabit Ethernet and Wi-Fi® connectivity (2.4 GHz and 5 GHz) options to fit virtually any production workflow

IT and security features — over 28 IT and security features for office or remote office locations, including IC card option for user control and tracking, SSD Encryption and IEEE 802.1x

Maximize productivity with included Epson Software Suite and Epson Cloud Solution PORT®² — remotely manage and monitor your printer fleet from the convenience of your laptop or smart device

Designed for use exclusively with Epson ink cartridges.*

Print

Printing Technology PrecisionCore Micro TFP 6-channel drop on demand

Ink Type UltraChrome XD3 pigment ink; 6-color with Red (Cyan, Magenta, Yellow, Red, Matte Black, Photo Black)

Nozzle Configuration 9,600 nozzles (1,600 x 6 channels)

Droplet Technology

Smallest Droplet Size: 3.5 picoliters; Variable Droplet Technology can produce up to 3 different sizes per nozzle

Maximum Resolution 2400 x 1200 dpi

Real-Time Black Ink Selection Dedicated Photo and Matte Black Ink channels selected automatically based on media type

Print Speed¹

A1/D Size (Plain Paper): 16 sec

A1/D-Size (Glossy): 65 sec (Speed Mode)

Printer Language/Drivers

Epson Professional Print Drivers (included), Epson ESC/P® raster, HP-GL/2, HP RTL)

Memory (Built-in)

4 GB

Epson Intelligent Ink Cartridges

In-Box Cartridge Fill Volume²

Colors (C, M, Y, R) 240 mL each

Black (MK, PK) 240 mL each

Retail Cartridge Fill Volume³

Colors (C, M, Y, K, R) 110 mL, 350 mL or 700 mL

Black (MK, PK) 110 mL, 350 mL or 700 mL

Ink Cartridge Shelf Life 2 years from printed production date or 6 months after opened

Printer is designed for use with Epson cartridges only, not third-party cartridges or ink*.

Roll Media Handling

Number of Input Rolls 2 (Input Roll #1 can be used optionally as a take-up reel)

Take-Up Reel Included

Take-Up Reel Configuration Roll print-side in or print-side out (selectable)

Minimum Roll Width Minimum 10"

Maximum Roll Width Up to 24"

2" or 3" Core Diameter User-adjustable roll media spindles

Roll Cutting⁴ High-speed internal rotary cutter; auto or manual (replaceable)

Maximum Roll Diameter Up to 6.69"

Maximum Roll Weight 27 lb

Roll Media Thickness 0.07 mm to 0.8 mm

Roll Paper Remaining Printable barcode tracking

The amount of remaining paper can be controlled and monitored automatically from the control panel.

Sheet Media Handling

Single Sheet, Front or Rear Loading Up to 24" wide

Minimum Sheet Width 8"

Minimum Sheet Length 8"

Sheet Media Max. Thickness Up to 1.5 mm (rigid posterboard)

Printable Area and Accuracy

Line Accuracy ±0.1% or ±0.26 mm (whichever is greater)

Margin

Left/Right: 3 mm per side (standard) or 0 mm at BorderFree® widths

Top/Bottom:

Roll Paper: Min. 3 mm top/ 3mm bottom or 0 mm using BorderFree

Cut Sheet: Min. 3 mm top/ 12.7 mm bottom

BorderFree Sizes 10", 13", 16", 17", 20" or 24" wide

Maximum Printable Length⁵ 298 ft

Minimum Line Width 0.08 mm

Interfaces

Articulating LCD Display 4.3" touchscreen

USB Expansion Port Optional RFID card reader

Printer Interfaces

SuperSpeed USB 3.0, 100BASE-TX/1000BASE-T/IEEE 802.11b/g/n/ac, USB memory stick, 960 GB (SSD) optional

Operating Systems Supported⁶

Mac® OS X® 10.9.5 or later, macOS® 11 or later
Windows® 10, Windows 8.1, Windows 8, Windows 7, Windows Vista®, Windows XP (32-bit/64-bit), Windows Server® 2019/2016/2012 R2/2012/2008 R2/2008/2003 R2/2003 SP2 or later

General

Dimensions (W x D x H) 54" x 20" x 39" (storage and operating)

Dimensions (W x D x H) 54" x 32" x 39" (paper basket extended)

Weight 261 lb

Acoustic Noise Level

Operating: 49.6 dBA

Sleep: 6.6 dBA

Temperature

Operating: 50 °F to 95 °F (10 °C to 35 °C)

Storage: -4 °F to 104 °F (-20 °C to 40 °C)

Relative Humidity

Operating: 20%–80% (no condensation)

Storage: 5%–85% (no condensation)

Safety Standards

USA and Canada (NRTL Certified, CSA/UL 62368-1)

Compliant with FCC Class B Requirements

Electrical Requirements

Voltage: AC 110 V–240 V

Frequency: 50 Hz–60 Hz

Current: 3.4 A

Power Consumption

Printing: Approx. 75 W

Ready: Approx. 32 W

Sleep: 2 W

Power Off (Stand By): 0.3 W

Country of Origin Indonesia

What's Included

SureColor T3770DE Printer, Full Set of Initial Ink Cartridges (240 mL³ C, M, Y, MK, PK, R), Maintenance Box (Pre-Installed), Borderless Maintenance Box, 1 Roll Media Adapter (Pre-Installed), Start Here Poster, AC Power Cable
Note: Media is not included with the printer

Available Software

Software and Firmware Updaters, EpsonNet Setup, EpsonNet Print, Windows and Mac Print Drivers, LFP Accounting Tool, Epson Cloud Solution PORT⁷, Epson Edge® Dashboard, Epson Media Installer, Epson Device Admin, Epson Print Admin, EpsonNet Config SE, Epson Manuals

Eco Features

ENERGY STAR® qualified

RoHS compliant

End-of-life options available⁷

Epson America, Inc. is a SmartWay® Transport Partner⁸

Ordering Information

SureColor T3770DE	SCT3770DE
Replacement Printer Cutter Blade	C13S210117
Additional Roll Feed Spindle (24")	C12C937711
Maintenance Box	C13S210115
Borderless Maintenance Box	C13S210116
Cleaning Stick	C13S090013
960 GB SSD Memory Unit	C12C936671

UltraChrome XD3 Ink (110 mL)³

Cyan Ink Cartridge	T51A220
Magenta Ink Cartridge	T51A320
Yellow Ink Cartridge	T51A420
Matte Black Ink Cartridge	T51A820
Photo Black Ink Cartridge	T51A120
Red Ink Cartridge	T51AF20

UltraChrome XD3 Ink (350 mL)³

Cyan Ink Cartridge	T50S220
Magenta Ink Cartridge	T50S320
Yellow Ink Cartridge	T50S420
Matte Black Ink Cartridge	T50S820
Photo Black Ink Cartridge	T50S120
Red Ink Cartridge	T50SF20

UltraChrome XD3 Ink (700 mL)³

Cyan Ink Cartridge	T50L220
Magenta Ink Cartridge	T50L320
Yellow Ink Cartridge	T50L420
Matte Black Ink Cartridge	T50L820
Photo Black Ink Cartridge	T50L120
Red Ink Cartridge	T50LF20

Limited Warranty and Service

Warranty One-year limited in the U.S. and Canada.

Service On-site repair, usually Next-Business-Day⁹; toll-free telephone support, Monday through Friday

Epson Preferred Plus™ Extended Service Plans¹⁰

Plans below available only at the time of hardware purchase.

1-Year Next-Business-Day On-Site Repair ⁹	PST3700S1
2-Year Next-Business-Day On-Site Repair ⁹	PST3700S2
4-Year Next-Business-Day On-Site Repair ⁹	PST3700S4

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

¹ 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. | ² All features of this system require an active Internet connection and the use of a supported browser. | ³ 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. | ⁴ High-volume cutting of canvas and heavy media stocks may require frequent cutter replacement. | ⁵ Allowed by printer driver for Mac, PC, and RIP used. Application, version of application, operating system, and operating system version may limit maximum length. | ⁶ For the latest drivers, visit www.epson.com/support | ⁷ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁸ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | ⁹ Geographic limitations may apply. Service request must be received and processed by 1 p.m. Pacific Time, Monday through Friday, excluding holidays. See limited warranty or service plan for details. | ¹⁰ Product comes with a 1-year limited warranty with the option to purchase extended service plans up to a total of 5 years of continuous coverage.

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