How to Choose
The Right Technical Printer

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Table Of Contents

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Guide Introduction

We understand how challenging and complicated it is to choose the right printer for technical printing.

When used in technical fields such as *engineering, construction, map design* and even creative fields such as *graphic design, interior design* and *architecture,* **Large Format Printers** (LFP) should ideally be able to print in high resolution with long-lasting efficiency & durability. Traditional printers that are smaller in size often cannot produce technical prints with the same level of crisp, accurate details in print, which makes a lot of difference in high-impact printing.

This guide will showcase the characteristics of a LFP that designers and IT managers should look out for when selecting a printer that is right for their needs. Whether it's technical drawings, architectural blueprints, GIS maps, project management diagrams or graphic posters, Epson T-Series can deliver a reliable and industry-leading solution for you.

DID YOU KNOW?

Commercial Grade Reliability

Epson LFPs uses a printhead that is designed to last the life of the printer. Unlike other solutions in the market, you can look forward to an added peace of mind and more cost savings without the need for maintenance and replacements
(Included in main unit warranty).

Variable-Sized Droplet Technology

Epson's exclusive Variable-Sized Droplet Technology (VSDT) controls the volume of ink contained in each ejected droplet precisely, to ensure that droplets are perfectly spherical and land with high positional accuracy, resulting in sharp clear text and rich grain-free images.

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Our Latest Technologies

With Epson's industry-leading technologies such as our **PrecisionCore™** printhead and **UltraChrome XD2** pigment ink, you can expect crisp precision down to the tiniest details from the printouts of the reliable T-series printers.

Quality is never compromised as we innovate to ensure the success of your business.

PrecisionCore™ - Made For Speed and Productivity

Our PrecisionCore™ printhead enables remarkable print speeds that prints A1 Printouts in just **22 seconds*** - the fastest in speed among all our T-Series printers.

*applies only to T5430M
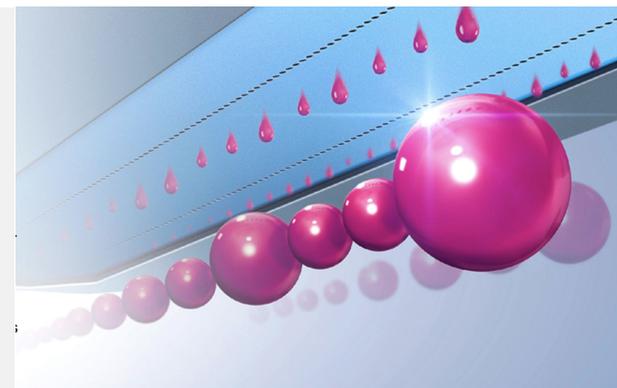
PRECISIONCORE
PRINTHEAD

Compact, User-Friendly Design

Small footprint with ergonomic design and convenient features bringing greater efficiency and smoother workflow for you.

UltraChrome XD2 Pigment Ink

With improved formulation that works especially well with plain paper and special media such as tracing paper, our UltraChrome Ink delivers accurate, sharp line printing that is suitable for vector images or luster data. Expect less bleed-through and better resiliency at withstanding harsh weather conditions compared to dye-inks.

TRUSTED PRODUCTIVITY

The Ink Tank System gives you a seamless workflow without the need for ink replacements that delay print jobs. Ink refills during print jobs can be easily and effortlessly done, without compromising on efficiency!

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Meet Our T-Series

Precise printing for numerous applications

Technical Drawings

Architectural Blueprints

GIS Maps

Project Management

POP & Posters

SC-T3130X
24-inch Technical Printer

Mid Sized Office
- Workgroup technical plotting
- Fastest printer for D-sized plots
- Capable of printing borderless prints

SC-T7270
44-inch Technical Printer

Small/Home Office
- Great for desktop use
- Quick access to print D-sized plots
- Simple setup and easy to use

SC-T5430M
36-inch Technical Printer

Enterprise / Big Office
- Fast printing with low TCO
- Versatile media options
- Optimized for CAD and Graphics

DID YOU KNOW?

We also provide CIS Scanner integration for T7270
Make your workflow even easier! Scan any projects up to 1.3mm thick rigid media. Capture fine color detail at up to 600 dpi.
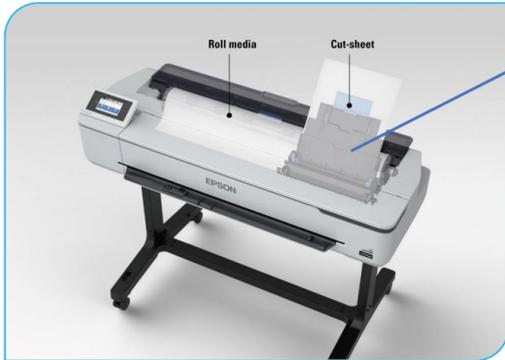(Option to include 320 hard drive module)

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Our T-Series Specifications

Model	T3130X	T5430M	T7270
Printing Technology	PrecisionCore TFP Printhead, Variable-Sized Droplet Technology	PrecisionCore TFP Printhead, Variable-Sized Droplet Technology	PrecisionCore TFP Printhead, Variable-Sized Droplet Technology
Nozzle Configuration	3200 nozzles (800 nozzles x 4 channels x 1 head)	3,200 nozzles (800 nozzles x 4 channels x 1 head)	Color and Monochrome 720 nozzles per Color
Maximum Print Resolution	2400 x 1200 dpi	2,400 x 1,200 dpi	2880 x 1440 dpi
Min Ink Droplet Size	3.8pl	4.0pl	3.5pl
Print Speed	34 seconds	CAD (A1): 22 seconds	CAD (A1): 28s (Speed mode)
Ink Type	Black: Pigment Ink Colour: Dye Ink	Epson UltraChromeXD2 Pigment Ink	Epson UltraChrome XD Ink
Colours	Cyan, Magenta, Yellow, Black	Cyan, Magenta, Yellow, Black	Cyan, Magenta, Yellow, Photo Black, Matte Black
Ink Capacity	140ml	110ml / 350ml	110ml / 350ml / 700ml
Max Roll Diameter	2" core	2" or 3" core	2" or 3" core
Max Roll Weight	Max. 110mm/3kg	Max. 170mm/12kg	
Media Width	Up to 24"	Up to 36"	Up to 44"
Media Thickness	Roll: 0.05mm to 0.21mm ASF/Cutsheet: 0.12mm to 0.27mm	0.8mm	
Dimensions	Without Stand: 970mm x 245mm x 577mm With Stand: 970mm x 245mm x 811mm	1,385 x 966 x 1,060mm	1608 x 1070 x 1128
Warranty	1 Year	3 Years	2 years
Weight	29kg	89kg (without ink)	92kg
Memory	1GB	1GB + 8GB	1 GB (Optional 320GB Hard Disk)
Full Specs	Click here	Click here	Click here

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Paper Handling and Media Core

Setting up doesn't have to be complex. Our Epson Large Format Printers (LFP) are designed to be hassle-free to give you the most seamless user experience possible.

Roll media   Cut-sheet

1

Auto Sheet Feeder - Can Print Up to A3

- Auto-Switching from Roll to Sheet Paper
- Can accommodate up to 50 sheets (80gsm)
- Less technical knowledge needed
- Shortens the learning curve
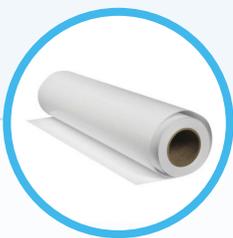- Increase productivity with less waiting time

2

Media Flexibility
Accommodates roll paper with 2" or 3" core and cut-sheets.

2" or 3" Core Diameter

Low Technical Skills Needed

3

Easy Set-up and Configuration
Low barrier for anyone on the team to use.

Our T-Series printers support different formats of paper used for various types of projects

Plain Paper
- General POS advertisements
- Drawing documents
- Graphs
- Maps

Matte / Photo Paper
- POS Posters
- POP
- Brochures
- Leaflets

Tracing / Mylar Paper
- POS Posters
- POP
- Brochures
- Leaflets

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T-Series In Action

Experience the Power of Our T-Series In Different Industries

With its remarkable performance and impeccable printing precision, our T-Series printers can fulfill the needs of large format printing in architecture firms to design agencies and construction companies.
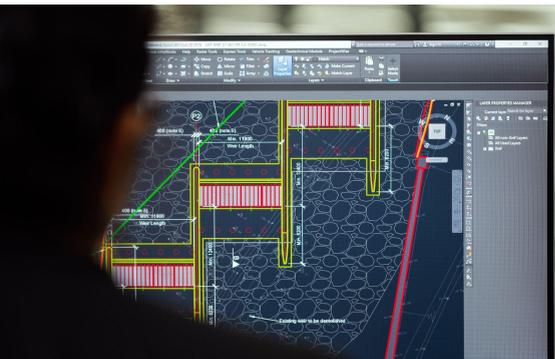

Architecture Firms

- Produce drawings and renderings right at your desk
- Print full-sized CAD Drawings and large scale plans for projects
- Prints precise lines
- Provides a simple and easy workflow

Design Agencies

- Turn your designs into print at your fingertips
- High-quality and sharp precision in high resolution and vibrant colours that are suitable for graphic and creative prints
- Increase efficiency with high printing speed, minimising waiting time between projects

Engineering and Construction

- Specialised technical printing solution
- A compact printer suitable for usage at a job site or in a mobile trailer
- Precise ink printing with the resilience to withstand bad weather conditions during on-site visits

Education and Corporate Graphics

- Print posters, signages, process maps and large spreadsheets in-house. No more high-cost batch printing with external vendors!
- User-friendly mechanisms with a short learning curve for everyone to use

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Get In Touch With Us

Download Brochure

Dive into our product specifications of Epson T-Series and determine which model best fits your needs.

T3130X	T5430	T7270

Learn About Our Epson T-Series

Endless Possibilities to make your creative ideas come to life.

Explore

> " The printer demo session with Epson Product Specialist was really helpful. I can check the printers' print out quality myself and also get the information I needed to make an informed recommendation to my boss. "

Send us your Enquiry and Get A Free Demo

Schedule a non-obligatory printer demo session with us and experience our printers' outstanding print quality for yourself!

BOOK A DEMO

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