

PLOTTER



TYPES OF PLOTTERS.

1. Drum Plotter: A drum plotter is a type of output device used for printing high quality large format graphics, such as engineering drawings, Architectural plans, end maps. It gets its name from the cylindrical drum mechanism around which the paper is wrapped.

2. Flat Bed Plotter: A flat plotter is a printing device where the paper remains stationary on a flat surface, while horizontally and vertically it crosses it to create precise technical drawings. It is commonly used for detailed and large-scale designs in fields like engineering and architecture.

3. Electrostatic Plotter: An electrostatic plotter is a type of large format printing device that uses electrostatic charges to create images on paper. It works by applying an electric charge to areas of the paper, which then attract toner particles to form the image. Known for its high speed, it is often used for large scale applications like architectural plans and GIS maps.

INFORMATION ABOUT PLOTTER

A computer plotter is an output device used to produce high quality graphics, such as architectural Drawings, Engineering Blueprints, and other technical illustrations. Unlike regular printers, plotters are designed to handle large format drawings and can draw continuous lines rather than printing in dots like inkjet or laser printers.

KEY CHARACTERISTICS OF A PLOTTER.

1. Precision Drawing: Plotters use pens or other mechanical means to produce precise, continuous lines, making them ideal for CAD (Computer-Aided design) Applications.

2. Large Format: Most plotters can handle paper sizes much larger than standard printers, making them suitable for engineering architectural, and GIS (Geographic Information System) drawings.

3. Modern Alternatives: While traditional pen plotters are less common today, large format inkjet Printers are often used as replacements, offering faster printing speeds with comparable quality.

COMMON USES

- Architecture:** Plotters are used to create detailed blueprints of buildings and structures.
- Engineering:** Engineers use plotters to produce precise mechanical drawings.
- Mapping and GIS:** Cartographics use plotters to print maps and geographic layouts with intricate detail.