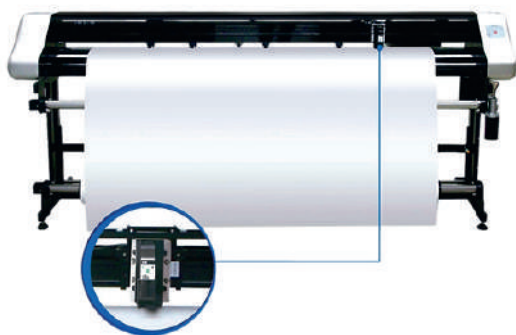




Velocity Plotter - Tecnica One

Design for the pre-production pattern rooms.



MODEL	MAXIMUM PLOTTING	HEADS	PLOTTING SPEED
Tecnica One	49 in	1	50 yds ² /h

Our most essential configuration, Tecnica One, delivers high-quality and precise pattern printing. Ideal for independent designers, pattern makers, pattern rooms, and pre-production departments.

Velocity Plotter - Vector

High-speed plotters crafted with premium materials for flawless precision in printing patterns and markers.



Maximum Plotting

Vector 1600 ---> 66 in.
Vector 1800 ---> 72 in.
Vector 2000 ---> 80 in.
Vector 2400 ---> 88 in.

Available printheads:



50 yds²/h 96 yds²/h 180 yds²/h

The number of print heads directly influences printing speed, determining how many square yards the plotter can produce per hour.

Our plotters versatility empowers everyone—from designers in home studios to large manufacturers with high production demands—to fully leverage the benefits of pattern and marker plotting.

With plotters available in 49", 66", 72", 80" and 88" widths, we cover virtually all raw material widths and meet the needs of every player in the garment industry.

You will be able to print any CAD file generated by specialized software for the garment industry, such as Gerber Accumark, Lectra, Optitex, Assist, Audaces, Richpeace, Tukatech, PAD System, AutoCAD, and StyleCAD, tracing files in .PLT, .HPGL2, and .HPGL formats.

In addition, our plotters enable you to print extensive lengths of templates or patterns quickly and with complete accuracy. Built from high-quality materials, they are designed to withstand extended hours of continuous printing.

With the Velocity Plotter Vector, you can print up to 200 yandas continuously on the take-up bar with complete precision

The Vector model accommodates a 500 yards paper roll, offering flexibility to print 200 yards continuously on the take-up bar or directly onto the floor without it. Direct-to-floor printing is often preferred for smaller runs, such as markers between 5.5 and 11 yards, where rolling onto the take-up bar is unnecessary. This feature streamlines the printing process even further.

The take-up bar is the bar that receives and rolls the printed paper.





Velocity Pattern Plotter Cutter

Available in two sizes: 49" - 64"



This innovative inkjet plotter and cutter introduces a new standard, capable of addressing all printing and cutting requirements with exceptional stability and reliability. Velocity's Inkjet and Cutting technology comes equipped with a single print head and a precision cutting tool.

Velocity Flatbed Cutter



Available sizes:

47" x 35"

59" x 35"

59" x 47"

The Velocity Flatbed Cutter is a high-precision cutting solution for industries like apparel, footwear, furniture, and technical textiles. It performs cutting, perforating, and pattern marking on materials such as paper, cardboard, vinyl, and industrial fabrics. With a low-friction surface and universal blade, it ensures clean, repeatable cuts while minimizing tool changes and maximizing efficiency.

The Velocity Template Cutter is designed for heavy-duty applications requiring high power and precision. With a 24,000 RPM milling head and vacuum hold table, it handles rigid materials like acrylic, PVC, and thick cardboard with ease. Its closed-loop servo system ensures stable, accurate performance, even during continuous or complex cuts.

Both machines integrate seamlessly with CAD systems and support industry-standard file formats such as HPGL and PLT. While the standard Flatbed Cutter excels in flexible material processing and everyday versatility, the Template Cutter takes industrial cutting to the next level—delivering professional-grade results on even the toughest materials.

A plotter is perhaps the tool that most significantly impacts the productivity of garment companies.

All our plotters are easy to install with Plug and Play functionality, available for setup via USB or LAN connection.

Questions and Answers

Will the plotter change the size of my pieces?

No! The plotter is just reading the data that has been created from the CAD system. It doesn't have a mind of its own to change the sizes bigger or smaller.

What type of ink does it use?

The plotter uses HP #45 black ink cartridges, which are widely available from retailers like Target, OfficeMax, Office Depot, and Amazon. You may also choose to purchase them through Velocity Plotters

Ink duration is about 6000 yards

What type of paper can I use?

You can use standard plotter paper. We recommend widths of 60", 63", 66", 70", 72", and 86", depending on your plotter's specifications, with a paper thickness of 30–35 WT. Paper rolls should have a 3-inch core.

For pattern cutting applications, we recommend the following:

- Manila / Tag Paper: 100 WT – 120 WT thickness*
- Kraft / Brown Paper: 40 WT – 45 WT thickness*

Do you need to have a CAD system to make the plotter work?

No! The plotter has its own program. Not to make the design but to run the plotter. In this case the CAD person working on the CAD will send a file by email to the plotter program and the plotter program will read it and print it.

We recommend connecting the plotter to a UPS (Uninterruptible Power Supply) to protect it from power interruptions or fluctuations.



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