

DATA SHEET

Tecnica One

49-Inch Pattern Plotter for Pre-Production

The Velocity Tecnica One is a 49-inch pattern plotter designed for pre-production departments in apparel, fashion, furniture, textile, and technical manufacturing.



49 in

MAX PLOTTING
WIDTH

50 yd²/hr

PLOTTING SPEED
42 m²/hr

300 dpi

RESOLUTION

HP #45

BLACK INK
CARTRIDGES

TECHNICAL SPECIFICATIONS

PLOTTING TECHNOLOGY

InkJet Plotting

TYPE OF INK

HP #45 black ink
cartridges

SOFTWARE PLATFORM

Windows (98, 2000, NT,
XP, 7, 8, 10, 11), Mac (via
Parallels)

CONTROL SYSTEM

Closed-loop servo
control system in both
length and width
directions

PLOTTER CONTROL SOFTWARE

Velocity Control Center

POWER

110 - 220 V adapted

DPI

300 dpi

PAPER TYPE

Plotter paper

PLOTTER DIMENSION

76" x 21" x 40"

MAX PLOTTING WIDTH

49 inches

PLOTTER OUTPUT

HPGL / HPG / PLT

NET WEIGHT

155 lb

PLOTTING SPEED

50 yd²/hr (42 m²/hr)

PLOTTER PORT

USB / LAN

ENVIRONMENT

Temperature 10°C–30°C,
Humidity RH 15–85% (No
condensation)

OPERATION AND DISPLAY

Three-key operation
panel, self-check, LED
status display

PAPER SPECIFICATIONS

Recommended paper

RECOMMENDED PAPER	Plotter paper
RECOMMENDED PAPER WIDTHS	25", 36", 52"
PAPER WEIGHT	35# basis weight
PAPER CORE	3-inch tube

Ideal for high-contrast, clean plotting lines required in pre-production environments.

KEY FEATURES

Accurate pattern plotting

Advanced inkjet technology and precision mechanics provide clear, consistent line quality for detailed digital patterns.

Flexible configuration options

The Tecnica One can be configured to meet different production requirements. Options such as plotting speed and paper configuration allow the system to adapt to your pattern development and pre-production workflow.

SOFTWARE & CAD COMPATIBILITY

Compatible CAD software

Gerber AccuMark Optitex
Audaces TukaTech
PAD System StyleCAD Lectra
Vetigraph Crea

SUPPORTED FILE FORMATS

.PLT .HPG .HPGL

Any CAD or pattern-making software may be used, provided that it can export files in .PLT, .HPG, or .HPGL format, which are compatible with the plotter for printing.

If your software cannot export those formats and can only export DXF or DWG files, Velocity Plotters & Cutters offers a conversion program that converts DXF, DXF-AAMA, or DWG files into .PLT or .HPGL format, creating a secure, plotter-compatible printing file. The conversion program is available at an additional cost.

WARRANTY

Parts and labor coverage

1
YEAR

1-Year Parts Warranty

Any defective components are replaced at no cost within the first 12 months.

3
MONTHS

3-Month Labor Warranty

Covers labor costs associated with repairs for the first three months.

INSTALLATION & TRAINING

Comes pre-assembled

The Tecnica One comes pre-assembled for a straightforward setup.

Velocity Plotters provides support for installation, system commissioning, and operator training to help ensure the machine is ready for production.

FINANCING

Available through TimePayment



01

Does the plotter come assembled?

The Tecnica One comes pre-assembled for a straightforward setup. Velocity Plotters provides support for installation, system commissioning, and operator training to help ensure the machine is ready for production. Our technical team provides:

- Step-by-step remote installation support
- Configuration assistance for software and connectivity
- Calibration and first-run testing
- User training on operation and basic maintenance

Whether you're local or remote, our priority is to ensure your plotter is fully operational from day one—with the guidance and support you need.

02

What type of ink does it use?

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

03

What type of paper is recommended for the Tecnica One?

RECOMMENDED PAPER	Plotter paper
RECOMMENDED PAPER WIDTHS	25", 36", 52"
PAPER WEIGHT	35# basis weight
PAPER CORE	3-inch tube

Ideal for high-contrast, clean plotting lines required in pre-production environments.

04

Do you offer financing options or plans?

Yes, you can apply for financing through TimePayment to purchase this solution.