

DATA SHEET

Vector 2400

Four Head Plotter

The Velocity Vector Four is a quad-head industrial marker plotter designed for high-volume garment, textile, and pattern production.



88 in

MAX PLOTTING
WIDTH

180 yd²/hr

MAX PLOTTING
SPEED

4 heads

QUAD-HEAD
CONFIGURATION

300 dpi

RESOLUTION

TECHNICAL SPECIFICATIONS

CONFIGURATION

Quad-head marker
plotter

OPERATION AND DISPLAY

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

PLOTTER PORT

USB and LAN (Ethernet)

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

CONTINUOUS RUN CAPACITY

Paper rolls up to 500
yards; take-up bar
collects up to 200 yards
continuously; optional
floor plotting for 5 to 10
yard runs

POWER

110 - 220 V adapted

DPI

300 dpi

PLOTTER CONTROL SOFTWARE

Velocity Control Center

PLOTTER DIMENSION

120" x 21" x 40"

MAX PLOTTING WIDTH

88 inches

PAPER TYPE

Plotter paper

NET WEIGHT

220 lb

PLOTTING SPEED

Up to 180 yd²/hr
(150 m²/hr)

PLOTTER OUTPUT

HPGL / HPG / PLT

ENVIRONMENT

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

PAPER SPECIFICATIONS

Recommended paper

RECOMMENDED PAPER	Plotter paper
RECOMMENDED PAPER WIDTHS	60", 63", 66", 72", 86", 88"
PAPER WEIGHT	35# basis weight
PAPER CORE	3-inch tube

KEY FEATURES

Ultra-high-speed printing

Print at speeds of up to 180 square yards per hour with the Vector Four's quad-head configuration, helping manufacturers increase marker output for demanding, high-volume production schedules.

Long-run paper handling

The integrated take-up bar system collects plotted markers during extended production runs, supporting continuous operation and reducing the need for frequent manual handling.

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

Ships unassembled

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?

No, Velocity plotters are not pre-assembled due to shipping and logistical considerations. However, we ensure that setup is fast, guided, and stress-free. 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 from retailers like Target, OfficeMax, Office Depot, and Amazon. You may also choose to purchase them through Velocity Plotters.

03

What type of paper is recommended for the 2400 Vector Four Plotter?

RECOMMENDED PAPER	Plotter paper
RECOMMENDED PAPER WIDTHS	60", 63", 66", 72", 86", 88"
PAPER WEIGHT	35# basis weight
CORE	3-inch tube

04

Do you offer financing options or plans?

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