
Gerber enVision™ Sprocket-Feed Plotters—Features and Specs

Gerber FastFact #	5253
Supplied by:	Plotter Products
Last Modified:	August 20, 2002
Summary:	Gerber enVision 375 and 750 Sprocket Plotter Features and Benefits

The Gerber enVision sprocket-feed plotters provide the ultimate in sprocket-feed technology. Delivering outstanding material handling performance, both the Gerber enVision 375 and 750 offer positive material tracking, unattended operation, and an incredibly simple loading system. Designed by Gerber with you in mind, the Gerber enVision plotters host a number of innovative features that make them exceptionally easy to use and tremendously productive in your shop!

Gerber enVision 375 and 750 Features

The Gerber enVision 375 and 750 plotters feature:

- Precision Gerber sprocket-feed material drive
- Easy material loading
- High performance servo drive.
- Positive tracking/registration of unlimited length
- Gerber built
- Simple to use—simple keypad and easy-to-read message display
- Extreme speed and acceleration
- Automatic tool settings
- Schedule of to 9,999 repeats of your last job
- Pause, view and recovery
- Cut, pounce and pen functions
- Replaceable cutting strip
- Open architecture
- Firmware upgrades easily downloaded from your own PC
- Rugged, industrial-strength design for years of shop use
- enVision 375 cuts GERBER EDGE® and EDGE 2 graphic

enVision Plotter Specifications

Categories	enVision 375	enVision 750
Material Width	15" Roll	30" Roll
Cutting Width	13.25" (337cm)	27.25" (692cm)
Driving Mechanism	Sprocket	Sprocket
Knife/Cut Type/Principle	Swivel Knife	Swivel Knife
Mechanical Resolution	0.0002"	0.0002"
Knives Options	30, 45, 60 degree	30, 45, 60 degree
Max Cutting Speed (Axial)	36ips (915mm/sec)	36ips (915mm/sec)
Max Cutting Speed (Diagonal)	50ips (1250mm/sec)	50ips (1250mm/sec)
Max. Acceleration	3G	3G
Knife Up/Down Cycles	40/second	40/second
Adjustable Knife Pressure	0.0oz-16oz	0.0oz-16oz
Interfaces (Standard)	RS-232C	RS-232C
Input Buffer	250 kilobytes	250 kilobytes
Stand	Desktop	Standard
Pounce	Optional Tool/Pounce Mat	Optional Tool/Pounce Mat
Unboxed Dimensions (No Stand)	29"L x 11"W x 14"H (74cm x 28cm x 36cm)	38.5"L x 26"W x 48"H (98cm x 66cm x 122cm)
Unboxed Weight (No Stand)	60lb (27kg)	107lb (50kg)
AC Power Requirements	100-230 Volts 47/63Hz	100-230 Volts 47/63Hz
Software Command Language	GSP-GL or HP-GL/S subset	GSP-GL or HP-GL/S subset
Vector Look Ahead	Yes	Yes
Curve & Arc Smoothing	Yes	Yes
Test Plot Possibility	Yes	Yes
Test Cut Possibility	Yes	Yes
Replot Function	Yes	Yes