



## Product Information Guide

The Roland CAMM-1 Pro GX-640

### Overview

#### The World's Best-selling Cutter Line

Over twenty years ago Roland changed the durable graphics market with the success of the CAMM-1 desktop cutter. Now the **CAMM-1 Pro Series GX-640** cutter continues that tradition. Using our revolutionary Quadralign™ technology to precisely read crop marks on pre-printed data, the 64" CAMM-1 Pro GX 640 delivers outstanding performance and cut quality in every mode. The GX-640 brings Roland into the grand format cutting market and now provides an excellent complement to the VersaArt RS-640.

**The bottom line:** The GX-640 goes beyond the GX-300/400/500 platform to set a new industry standard for value and technological improvements.

#### Built on a foundation of Roland Innovation and Performance

The GX-640 cutter is the most technologically advanced cutter Roland has produced.

- **New DC Servo Motors for exceptional durability and cutting accuracy**
  - Roland's most powerful cutting motor ever
  - Same motors as our flagship VS-640 printer/cutter
  - Designed for continuous, trouble-free operation in a production environment
- **10 Grit Roller Sections**
  - For maximum media width and versatility
  - Allows for heaviest rolls to be loaded and cut
  - Up to 6 extra pinch roll assemblies can be installed for highest performance

Imagine.

Roland DGA Corporation | 15363 Barranca Parkway | Irvine, CA. 92618-2216  
800.542.2307 | 949.727.2100 | 949.727.2112 fax | [www.rolanddga.com](http://www.rolanddga.com)

Certified ISO 9001:2008

- **Roland CutStudio software**
  - Easy assignment of registration marks for precise contour cutting through optical laser alignment
  - Works with industry standard file formats - .AI, .EPS, .BMP, .JPG
  - Uses all native TrueType fonts in Windows®
  - Plugins for Adobe® Illustrator®, CorelDraw®
  
- **Compatible with Roland VersaWorks 4.0 RIP Software**
  - Roland's most powerful RIP Server software
  - Latest true Adobe PostScript 3 engine for enhanced color and gradations in Roland print devices
  - Control up to 4 Roland printers, printer/cutters & GX-series cutters

The CAMM-1 Pro GX series cutters make it easier and faster than ever to create color signs, banners, billboards, POP displays, labels, decals, vehicle and floor graphics, heat transfers for apparel and more. With industry leading support and a 3 year warranty, Roland is raising the bar once again.

**Pricing: CAMM-1 Pro**

**GX-640 \$6,995**

**U.S. List Prices, Shipping Summer 2010**

## Key Features

### CAMM-1 Pro GX Series

- Quadralign™ with Roland Versaworks
- Outstanding Cut Quality
- 3 Cut Modes for Exceptional Versatility
- Front and Rear Loading
- Optional Catch Basket and Cover (TBA)
- Optical Registration for Contour Cutting pre-printed graphics



- CutStudio Output Software included
- Automatic Sheet Cut Function
- USB Plug and Play
- Overcut and Autocut Functions
- Overlap function for cutting thicker media
- Stand Included
- Three-Year Warranty with product registration

### **CutStudio Output Software**

Roland CutStudio makes it easy to draw and edit circles and curves, position text on lines, and import a wide range of file formats from popular design packages. The software includes a Windows printer driver, Windows® plug-ins for Adobe® Illustrator® and CorelDraw®, and Mac Plug-ins for Adobe® Illustrator®. The result is a seamless, user-friendly operating environment. CutStudio is the perfect complement to any small format printer for a low cost, entry-level print/cut system.

### **Compatible with VersaWorks 4.0 RIP Software**

The GX series cutters take full advantage of the latest Roland VersaWorks™ 4.0 RIP software. This true Adobe PostScript 3 RIP is designed by Roland to ensure exceptional production output with unmatched ease-of-use. VersaWorks can control up to 4 Roland devices including GX-series cutters. When paired with a VersaArt RS-640 printer, connecting a GX-640 cutter through Versaworks dramatically increases throughput and productivity with little-to-no learning curve. The Cut Controls tab operates a GX cutter exactly as it would operate a SOLJET or VersaCAMM in cut-only mode. All cut functions in VersaWorks, including PerfCut, can be output to the GX-640 as if it were a Roland print/cut device.

## **EXTEND Mode**

The GX-640 comes with EXTEND mode which increases the acceptable cutting area up to an inch on either side of the outside pinch rollers. This gives the GX-640 a maximum cutting area of 65" wide which is wider than most professional cutters on the market and increases productivity with wider media.

## **AUTO CUT Feature**

To truly automate and increase production capability, the GX Pro series cutters include an AUTO CUT function. AUTO CUT automatically cuts the sheet after each job is finished. The user can send a job with the AUTO CUT feature and return later to find all of their jobs perfectly sliced and waiting for them when they return. The number of passes can be set for thicker materials such as laminated floor graphics and thick reflective vinyl.

## **OVERCUT Mode**

The term "vinyl cutter" is misleading because the GX Pro series cutters do not cut only vinyl. GX Pro series cutters can very easily cut polyurethane, polyester, sandblast mask, Mylar and a myriad of textile fabrics including twill and flock for decorated apparel. The Overcut feature cuts thicker materials by adding a margin of 1mm to the beginning and end of a vector to ensure precise corners and accurate cuts. Other cutters in the market may refer to this as "tangential emulation."

## **OVERLAP Feature**

For the thickest and most difficult materials, it's a common mistake to raise the level of down-force pressure. A more intelligent and efficient solution would be to cut more than once instead of forcing the blade through the material. The OVERLAP feature cuts up to 11 times over the same graphic to apply steady pressure and achieve the best results. This function easily cuts through diamond grade reflective sheeting and monument grade sandblast mask.

## **3 Year Warranty**

GX Pro series cutters combine unbeatable performance with legendary Roland reliability. As further proof of their unmatched reliability, Roland offers an unprecedented three-year

warranty for the GX-640 when registered within 60 days of delivery. Also available is a 4<sup>th</sup> year extended warranty for \$400.

## Summary

The GX Pro series cutters from Roland have made a major impact in the decorated apparel, signage and vehicle graphics markets. Many sign makers and digital printers rely on their Roland devices as the core of their business. Roland remains committed to developing technologies that extend their capabilities and the value of their investment. Roland professional cutting products combine versatility, affordability, and quality to deliver outstanding performance and reliability day in and day out.

With the GX Pro series cutters from Roland, customers get the benefits of efficient integrated contour cutting for a more streamlined workflow. The productivity and cutting quality positions these models as reliable production wide-format cutters with outstanding price/performance ratio. Add in the Roland three-year Warranty and Roland is clearly the right choice for any shop.

More than ever, customers expect their equipment investment to deliver optimum productivity and value. This goal remains the driving force behind our development efforts. We recognize the importance of earning each customer's business and are committed to developing both a loyal customer base and attracting new end users to support our value-added dealers.

The GX-640 combines the smartest and most efficient contour cutting technology in a robust, easy-to-use package working seamlessly with Roland VersaWorks. On its own, or paired with a Roland print-only device, the GX-640 is the best value in the market for a 64" wide cutting solution.

Happy Selling!