Roland

DESKTOP SIGN MAKER
CAMM-1

by Roland DG Corporation

CX-12

CX-24

Model CX-24/CX-12

The Standard in Desktop Signmaking

The No.1 Choice of Signmakers around the World, CAMM-1: Now Even Better

Cutting-Edge Technology / Unmatched Reliability / Easy to Use

The Sign Shop Workhorse

Roland's reliable, easy-to-use CAMM-1 desktop vinyl cutters are the No.1 choice of signmaking professionals worldwide. And, now, performance is even better with the new CX-24/12 models.

Cutting-Edge Performance

Signmaking professionals demand the latest technology. The CX-24/12 delivers cutting-edge performance with an advanced curve-smoothing function to cut circles and curves faster than ever with higher precision. Resulting throughput is an average of 10%(1) faster than previous models. The test-cut function allows you to check the machine's down force before actual cutting to get exactly the cut you want. Blade-offset values can be adjusted manually for optimum results for a wide range of vinyl and specialty substrates including sandblast(2).

You can store up to 8 settings of regularly used blade and media combinations, so you don't have to repeatedly recalculate. Every CX-24/12 comes with a precise cutting blade that gives you control over everything from illustrations to letters, while the optional small-lettering blade offers sharp, high-quality small type and intricate designs. With an optional water-based fiber tipped pen, you can even check how finished jobs will turn out even before cutting. The CX-24/12 delivers the quality, performance and reliability that maintain Roland's leadership in signmaking.

(1) In a comparison test conducted by Roland DG Corporation, thirteen different designs were cut by CX-24 and by CM-24. Results depend on image design and layout.

(2) CX-24/12 cuts sandblast up to 1.00 mm (0.0394 inch) thickness with the optional ZEC-U1715 blade.

Easy-to-Use

The CX-24/12 uses a new, large jog dial and LCD display. Setting menus is much faster and easier than before. The control panel and sheet set lever have been relocated closer together and a new cutter knife groove on the apron makes manual cutting simple. A sheet roller base(3) is attached to every CX-24 to keep media straight during feeding and new guide lines make it easy to check that media is properly aligned.

A Windows driver(4) comes with the CX-24/12, so you can output directly from vector-based design software(5) just like any desktop printer. CX-24/12 utilizes a replot function, allowing you to input data once and repeatedly output it without having to send it again from the computer. Thanks to a built-in 1 MB buffer, the CAMM-1 reduces computer time and ensures that operations run smoothly.

(3) Optional on the CX-12
(4) Windows® 95/98/Me, Windows NT® 4.0/2000/XP compatible
(5) Adobe® Illustrator® 7/8, CorelDRAW® 8

Professional indoor signs and labels
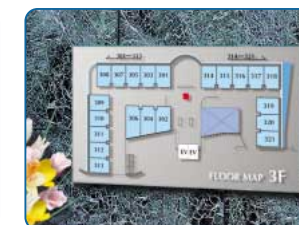

High-quality outdoor signs

Attention getting public signs

Beautiful window displays

Eye-catching vehicle graphics

Direction indicators

DESKTOP SIGN MAKER
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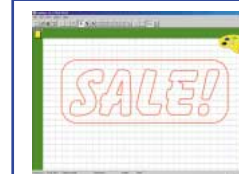
Model CX-24
Max. Cutting Width **584mm**

Model CX-12
Max. Cutting Width **280mm**

Dr. STIKA PLUS

Easy-to-Use Dr. Stika Plus Cutting Software Included

Put your new CX-24/12 to use immediately with Dr. Stika Plus, the easy-to-use software for sign creation. With Dr. Stika Plus, you can easily cut beautifully contoured graphics using True Type Fonts or outline illustrations imported from TWAIN-compatible scanner or as BMP files. You can also choose from the included selection of simple shapes like stars and ellipses. *Runs on Windows® 95/98/Me, Windows NT® 4.0/2000/XP.

Dr. Stika Plus window

Environmentally Safe

ecology

Roland designed the CX-24/12 to optionally use vinyl chloride free media(6). So you can offer environmentally safe signage to ecology-conscious clients. Packaging materials are also made of recyclable Instapac® foam without any vinyl chloride. Moreover, user's manual is completely paperless, provided on CD-ROM in PDF format.

(6) Available as an option is a non-chlorine olefin cutting sheet.

Major Features of the CAMM-1 Model CX-24/12

- **The No. 1 choice of professional signmakers worldwide for superior quality, reliability and performance.**
- **Advanced curve-smoothing function to cut circles and curves faster than ever with higher precision.**
- **Pen output and data checks using optional water-based fiber tipped pen.**
- **Replot function lets you cut repeatedly using the same data.**
- **Built-in 1 MB buffer shortens computer time.**
- **Compact and stylish desktop design.**
- **Easier than ever to use with jog dial and LCD display.**
- **Includes Windows® 98/95/Me, Windows NT® 4.0/2000/XP drivers to enable easy cutting from your favorite graphics programs.**
- **Environmentally friendly for use with chlorine-free POP sheets and shipped in recyclable packaging materials.**

■ Specifications

Model	CX-24	CX-12
Maximum cutting area*	Width: 584 mm (22-15/16 in.) Length: 24,998 mm (984-1/8 in.)	Width: 280 mm (11 in.) Length: 24,998 mm (984-1/8 in.)
Acceptable media widths	50 mm to 700 mm (1-15/16 in. to 27-1/2 in.)	50 mm to 395 mm (1-15/16 in. to 15-1/2 in.)
Max. cutting speed	During cutting: 400 mm/sec. (15-11/16 in./sec.) (45-degree direction) (when [HEAVY] is selected on the display menu: 100 mm/sec.(3-7/8 in./sec.))	
Blade force	30 — 200 gf	
Buffer size	1 Mbyte (800 Kbytes for replot buffer)	
Instruction system	CAMM-GLIII (mode1 and mode2)	
Power consumption	Maximum: 0.9 A /100 — 240 V ± 10 % 50/60 Hz	
Acoustic noise level	[Cutting mode] : less than 70 dB (A) [Standby mode] : less than 40 dB (A) (According to ISO 7779)	
Dimensions	850 mm (W) x 300 mm (D) x 240 mm (H) (33-1/2 in.(W) x 11-13/16 in.(D) x 9-1/2 in.(H))	545 mm (W) x 300 mm (D) x 240 mm (H) (21-1/2 in.(W) x 11-13/16 in.(D) x 9-1/2 in.(H))
Weight	14 kg (30.9 lb.)	10 kg (22 lb.)
Operating temperature	5 — 40°C (41 - 104°F)	
Operating humidity	35% — 80% (non-condensing)	
Accessories	Power Cord, Roller Base (CX-24 only), Blade, Blade Holder (XD-CH3) Startup Manual, To Ensure Safe Use, CD-ROM (CAMM-1 Driver for Windows®, User's Manual)	

*This may be restricted by the program.

■ Options

Environmentally Friendly POP Series Sheets (Non-Chlorine Olefin Sheets)

Product number	Size	Description
POP-M-BK		Matte black, 1 roll
POP-M-WH		Matte white, 1 roll
POP-M-RD		Matte red, 1 roll
POP-M-BL	305 mm x 10 m	Matte blue, 1 roll
POP-M-GR		Matte green, 1 roll
POP-M-YE		Matte yellow, 1 roll
AP-305		Transfer tape, 1 roll

*If the surface becomes covered with dirt and dust, wipe with water or neutral detergent. Do not use organic solvents or alcohol which can damage the material.

*These sheets, except black, are more transparent than commercially available vinyl sheets. Before gluing onto other sheets or darker materials, be sure to check that you are satisfied with the finished look of the job.

Blades

Product number	Offset value	Applicable cutting material	Quantity per package
ZEC-U1005	0.25 mm	Signage vinyl in general	5 pcs.
ZEC-U5025	0.25 mm	Thick, reflective and fluorescent vinyl, as well as signage vinyl in general	5 pcs.
ZEC-U3017	0.175 mm	Signage vinyl in general For cutting small letters or intricate designs	3 pcs.

Blade Holders

Product number	Description	Specifications
XD-CH3	Blade holder with blade extention adjuster, made of resin	Standard blade holder for working with signage vinyl in general.
XD-CH2	Blade holder with blade extention adjuster, made of aluminium	Blade holder for signage vinyl in general as well as thicker material. It also performs very well when creating detailed cutting.

Roller Base

Product number	Type of support	Material	Specifications
RSB-20	Four-point support	Resin	It is useful when working with rolled vinyl. Accommodates rolls of 300 mm (11-13/16 in.) width or wide. Rolls shorter than 300 mm cannot be accommodated.

Optional Stand
PNS-24
for CX·24

Roland

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