

New Product Information

CAMM-1 PRO Series Cutters

CX-300/400/500

The following contains product launch information on the new PRO Series CX-300/400/500 vinyl cutters. This information covers specifications and differences from our current CAMM-1 PRO Series cutter product line. There are also some new features that are discussed in detail.

Overview

Please note effective September 1, 2001; the following list price reductions will be implemented on the CX-300/400/500 product platforms. Dealer discounts will remain unchanged:

<u>Product</u>	<u>New List Price</u>
CX-300	\$3,295.00
CX-400	\$4,295.00
CX-500	\$5,295.00

The replacements for our PRO-Series cutter line come with new model designations. Japan has changed the CM model designation to CX. Once again, we have changed the coloring of the skin from beige to a blue-gray color. This change is intended to separate our products from the "look alike" competitors' products in the market. There are also some newly added features, making these models exceptionally strong in the vinyl cutter market. Aside from this, they are very similar to our current line and should present no significant problems to our dealers or end-users.

The CX-300 30" vinyl cutter will replace the current CM-300. The CX-400 40" vinyl cutter will replace the current CM-400 model. The CX-500 will replace the current CM-500 48" vinyl cutter. All share the following standard features:

- 850mm/s (33 in/s) cutting speed
- 2 MB replot buffer standard
- Cut and pen modes
- USB and Parallel interface
- "On the fly" pressure adjustment
- 350gf downforce cutting pressure
- 0.1mm or less repetition accuracy
- HP-GL and CAMM-GLIII compatibility
- "One button" test cut operation
- Automatic language and interface selection



Fig 1) CX-Pro Series Front View

- New look
- Improved one-piece front panel.

Fig 2) New Control Panel

- Improved front panel with a custom LCD display
- New and improved durable panel buttons.



Specifications			
	CX-300	CX-400	CX-500
Mechanism	Media-movement method		
Driving Method	Digital control servo motor		
Maximum Cutting Area	29" x 984-1/8" (737mm x 24,998mm)	39" x 984-1/8" (1000mm x 24,998mm)	47" x 984-1/8" (1,195mm x 24,998mm)
Acceptable Media Width	2" to 36" (50mm to 915mm)	3-1/2" to 46" (90mm to 1,178 mm)	3-1/2" to 54" (90mm to 1,372mm)
Cutting Speed	During cutting: 850 mm/sec. (in all directions) During tool-up: 1,202mm/sec (in 45° direction)		
Cutting Force	20 to 350 gf		
Mechanical Resolution	0.000492"/step (0.0125 mm/step)		
Software Resolution	0.000984"/step (0.025mm/step)		
Distance Accuracy	Error of less than ± 0.2% of distance traveled, or 0.000394 (0.1mm), whichever is greater		
Repetition Accuracy	0.1mm or less (excluding stretching/contraction of the material) Range for assured repetition accuracy For materials with a width exceeding 24" (610mm): Length 157-7/16" (4,000mm) (CX-400/500 only) For materials with a width of 24" (610mm) or less: Length 314-15/16" (8,000mm)		
Interface	Parallel (Centronics compatible), USB (Rev. 1.1)		

Buffer Size	2 MB (1.3MB for replot buffer)		
Instruction System	CAMM-GL3 (mode1 and mode2)		
Power consumption	Maximum: 0.8 a/100 V to 240 V ± 10 % 50/60Hz		
Acoustic noise level	Cutting mode: under 62 dB (A) Standby Mode: under 40 dB (A) (According to ISO 7779)		
Dimensions	45-1/16"(W) x 28-5/8"(D) x 43-13/16"(H)	55-3/8"(W) x 28-5/8"(D) x 43-13/16"(H)	63-1/16"(W) x 28-5/8"(D) x 43-13/16"(H)
	1,144 mm (W) x 727 mm (D) x 1113 mm (H)	1,407 mm (W) x 727 mm (D) x 1113 mm (H)	1,602 mm (W) x 727 mm (D) x 1113 mm (H)
Weight (with stand)	101.4lb. (46 kg)	116.8lb. (53 kg)	130.1 lb. (58 kg)
Standard Accessories	Power Cord: 1, Blade (ZEC-U5025): 1, Blade Holder (XD-CH3): 1, Alignment tool: 1, Cable Clamp: 1, Replacement blade for separating knife: 1, Roland software package: 1, Startup Manual: 1, Safe Use Manual: 1		

Updated Features

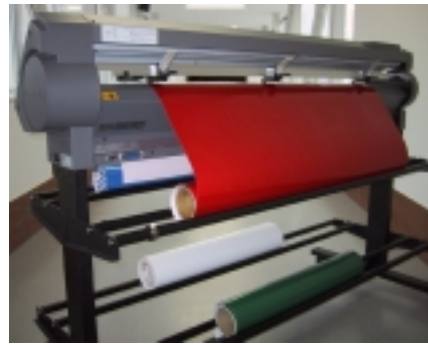
The following list of feature updates what is currently available on the CM-300/400/500.

New Features

Front Media Loading

You can hang and load vinyl roll in the front side of the machine.

CX-PRO can backward feed media for specified page distance, then cut and feed the page forward.



Optional Media Roll Hangers

The Media Rolls Hangers allow you to have CX-PRO hold up to four rolls.

This new function gives people who have to work with CX-PRO in limited space for installation.

USB Port

CX-PRO is equipped with USB port supporting USB1.1 specification. This enables you to connect CX-PRO to Macintosh as well as PC. Additionally, a Parallel port is also available.

Roland CutChoice

The biggest news of CX-PRO series is that the machines come with Roland CutChoice software.

Roland CutChoice is Adobe Illustrator or CorelDraw plug-in software that allows you to output directly to your CX-PRO Series cutter. It is bundle together with the Windows driver and supports both PC and Mac - platforms.

If your customer is working with Adobe Illustrator, he does not need to purchase professional cutting software. Adobe Illustrator, can create all of your vector-based design and then output directly to your CX-PRO Series cutter.

Supported Application with Roland CutChoice

	Windows	Macintosh
Adobe Illustrator 8	X	X
Adobe Illustrator 9	X	X
CorelDraw 8	X	-
CorelDraw 9	X	-
CorelDraw 10	X	-

Accessories

Roll Hanger Set

Each "set" consists of a left and right mounting bracket and roller bars. Three additional sets can be mounted on the stand in addition to the one set that comes with the machine.

The list price for one roll hanger set is \$179 and normal accessory discounts apply. The part numbers are:

<u>Part Number</u>	<u>Description</u>
HS-300	Roll Hanger Set for CX-300
HS-400	Roll Hanger Set for CX-400
HS-500	Roll Hanger Set for CX-500

Blades

<u>Part Number</u>	<u>Description</u>
ZEC-U1001	45-degree High Strength Carbide Cutter, Pkg. of 1
ZEC-U1005	45-degree High Strength Carbide Cutter, Pkg. of 5
ZEC-U5025	45-degree Carbide Cutter for Thicker Materials, Pkg. of 5
ZEC-U3050	60 degree Carbide Cutter 0.5mm offset, Pkg. of 5
ZEC-U3075	60 degree Carbide Cutter 0.75mm offset, Pkg. of 5
ZEC-U3100	60 degree Carbide Cutter 1.0mm offset, Pkg. of 5

Blade Holder

<u>Part Number</u>	<u>Description</u>
XD-CH3	Adjustable Tip Blade Holder, Alloy
XD-CH2	Adjustable Tip Blade Holder, Ceramic

Summary

The CX-PRO Series has an entirely new design with a compact and professional look. Overall, the CX-PRO Series release should be a smooth transition from the current cutter models. For any specific questions or comments on this product, please feel free to contact Thomas O'Reilly, Associate Product Manager, ColorChoice and Cutting Devices @Ext 220 or toreilly@rolanddga.com.