

 Roland®

CAMM-1PRO

Sign Maker by Roland DG Corporation

GX-500 GX-400 GX-300



Roland CAMM-1 PRO

The Name That More Professionals Trust

Performance and Versatility In One Easy-To-Use Device

CAMM-1 PRO Sign Maker by Roland DG Corporation GX-500 / GX-400 / GX-300

- Professional, easy-to-use vinyl cutters for signs, vehicle graphics, retail displays, and more
- Proven CAMM-1 technology and legendary Roland reliability
- Cutting speeds of up to 850mm per second for maximum productivity
- Mechanical resolution of 0.0125mm/step guarantees precision results
- Impressive maximum down force of 350 grams for performance with even the thickest materials
- Available in three sizes: 1372mm, 1178mm and 915mm
- Accepts a broad range of materials from sand blast to window film
- Includes Roland CutStudio*1, feature-rich design software developed for Roland vinyl cutters
- Automatic 4-point registration system*2 produces accurate contour cuts every time
- Easy connection to your computer through USB or serial ports
- Plug-in software for Adobe® Illustrator® and CorelDRAW®*3, for a seamless, consistent operating environment



*1 Compatible with Windows®98SE/Me/2000/XP. *2 This system is accessed through Roland CutStudio software and plug-in software for Adobe Illustrator.
 *3 Plug-in software is compatible with Adobe Illustrator 9/10/CS/CS2 for Windows, CorelDRAW 10/11/12 for Windows, and Adobe Illustrator 9/10/CS/CS2 for Macintosh.



| Specifications | GX-500 | GX-400 | GX-300 |
|--|---|--|---|
| Mechanism / Driving method | Friction feed / Digital control servo motor | | |
| Maximum cutting area | Width: 1195 mm Length: 24998 mm | Width: 1000 mm Length: 24998 mm | Width: 737 mm Length: 24998 mm |
| Acceptable media widths | Min. 90 mm Max. 1372 mm | Min. 90 mm Max. 1178 mm | Min. 50 mm/Max. 915 mm (50 to 540 mm, 582 to 915 mm) |
| Width of material that can be cut off | 0 to 1270 mm | 0 to 1067 mm | 0 to 812 mm |
| Tools | Special blade for CAMM-1 series | | |
| Maximum cutting speed | During cutting: 850 mm/sec. (in all directions) During tool-up: 1202 mm/sec. (in 45° direction) | | |
| Cutting speed / Blade force | 10 to 850 mm/sec. (in increments of 10 mm/sec.) / 20 to 350 gf | | |
| Mechanical resolution | 0.0125 mm/step (0.000492 in./step) | | |
| Software resolution | 0.025 mm/step (0.000984 in./step) | | |
| Distance accuracy ^{(*)1} | Error of less than ± 0.2% of distance traveled, or 0.1 mm (0.00394 in.), whichever is greater | | |
| Repetition accuracy ^{(*)1} ^{(*)2} ^{(*)3} | 0.1 mm or less | | |
| Interface | Serial (RS-232C-compatible), USB (Rev 1.1) | | |
| Replot memory | 2 MB (buffer size: 8 MB) | | |
| Power supply / Power consumption | AC 100V to 240V ± 10% 50/60 Hz 1.2A / Approx. 100W | | AC 100V to 240V ± 10% 50/60 Hz 1.1A / Approx. 95W |
| Dimensions with stand | 1602 mm (W) x 727 mm (D) x 1113 mm (H) | 1407 mm (W) x 727 mm (D) x 1113 mm (H) | 1144 mm (W) x 727 mm (D) x 1113 mm (H) |
| Weight with stand | 55 kg | 51 kg | 44 kg |
| Included items | Power cord, blade holder (XD-CH2), pin, blade, alignment tool, cable clamp, replacement blade for sheet cutter, USB cable, Roland software CD-ROM, setup guide, user's manual | | |

*1 According to material and cutting conditions as specified by Roland DG Corp. *2 Excluding stretching/contraction of the material
 *3 Range for assured repetition accuracy: For materials with a width exceeding 610 mm: Length 4,000 mm (GX-500/400 only) . For materials with a width of 610 mm or less : Length 8,000 mm

| Included Software | Roland CutStudio | Roland CutStudio Plug-in for Adobe® Illustrator® | Roland CutStudio Plug-in for CorelDRAW® |
|-----------------------------|--------------------------|--|---|
| OS | Windows® 98SE/Me/2000/XP | Windows®, Mac OS | Windows® |
| Application Software | — | Adobe® Illustrator® 9/10/CS/CS2 | CorelDRAW® 10/11/12 |

| Options | | |
|----------------------|-----------|---|
| Blades | ZEC-U1715 | For cutting sandblast stencils for friction feed, maximum 1.00mm thickness, offset value 0.25mm, 5-pack |
| | ZEC-U3017 | For cutting sign vinyl in general plus cutting small letters or intricate designs, offset value 0.175mm, 3-pack |
| | ZEC-U5022 | For cutting sign vinyl in general, offset value 0.25mm, 5-pack |
| | ZEC-U5025 | For cutting thick, reflective and fluorescent vinyl, as well as sign vinyl in general , offset value 0.25mm, 5-pack |
| Blade holders | XD-CH2 | For sign vinyl in general as well as thicker material. Performs well for detailed cutting. Blade holder with blade extension adjuster, made of aluminum |
| | XD-CH3 | For sign vinyl in general. Blade holder with blade extension adjuster, made of resin |
| Roll hangers | HS-500 | For GX-500, 1 set |
| | HS-400 | For GX-400, 1 set |
| | HS-300 | For GX-300, 1 set |
| Serial cable | XY-RS-34 | 3m |

ISO 14001 and ISO 9001:2000 Certified
 Roland DG pursues both environmental protection and continuous quality improvement. Under the philosophy of preserving the environment and human health, Roland DG is actively working to abolish organic solvents in production, to reduce and recycle waste, to reduce power use, and to purchase recycled products. Roland DG constantly strives to provide the most highly reliable products available.

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