

# U-MARQ GEM-CX5 COMPUTERIZED ENGRAVER



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The U-MARQ GEM-CX5 engraving machine takes over where the GEM-RX5 and FX5 leave off. Designed for the countertop or workshop, for customers who have higher demands. The GEM-CX5 is an easy to use engraving solution. Linked to your laptop or PC, it is easy to set up and use in any environment, where fast and efficient engraving of single or multiple items is needed.

GEM-CX5 will engrave gifts and personal items, jewelry, trophies, tankards, glass, tags, labels and much more! For the jeweler, the GEM-CX5 can also be used to cut out names and shapes in gold, silver and copper sheet material. The GEM-CX5 is a true four axis machine, giving the user absolute control over the cylindrical axis, no task is too demanding.

**Starting At Only \$13,995<sup>00</sup>  
(EM-00204)**

The U-MARQ engraving and instant personalization system can produce profits you never had before in a very short period of time.

### ENGRAVING PERIMETERS

- **Flat Work Size:**  
9" x 7" (231mm x 182mm)
- **Cylindrical Work Size:**  
5" (127mm) diameter
- **Z Axis Travel:**  
2.0" (50mm)
- **Maximum Vice Opening:**  
11" (245mm)
- **Dimensions:**  
24 X 16.5 X 33"  
(610 X 420 X 840mm)

### ENGRAVING METHODS

- **Inside & Outside**
- **Cylindrical**
- **Portrait**
- **Flat**

### YOUR SUPPLY DEPOT LIMITED

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# ENGRAVING METHODS

## QUALITY 4-AXIS PRODUCT (CYLINDRICAL)

The U-MARQ GEM-CX5 is a true 4-axis machine, giving the user unprecedented control over the cylindrical axis. The cylindrical axis can be angled to cope with conical shapes or used in automatic center locating mode for regular cylinders. It can also be raised or lowered for unusual shaped and sized objects making it ideal for trophy shops, jewelers or industrial marking.

## GLASS

A challenge for a traditional 3-axis engraver, the U-MARQ GEM-CX5 offers unprecedented ease of use. With its true 4-axis functionality, it engraves 360 degrees around glass bowls which are easily fixed in the machine.

## RING ENGRAVING (INSIDE & OUTSIDE)

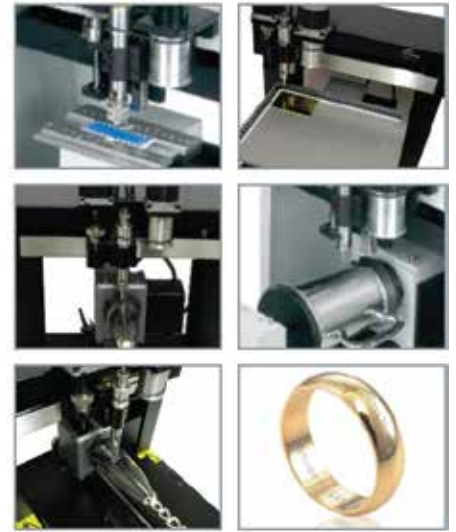
The GEM-CX5 can be fitted with the inside/outside ring engraving attachment that allows you to engrave rings up to 28mm in diameter inside and outside with ease and precision. By adding the bangle attachment, you can increase the engraving size to 75mm diameter inside and outside.

## FLAT

The GEM-CX5 can easily engrave on flat surface of up to 9" x 7".

## CUTTING

The U-MARQ GEM-CX5 is equipped with a carbide cutter and cutter knob, making it easy to cut out shapes or charm names.



# TECHNICAL SPECIFICATIONS

Flat work size	9" x 7" (231mm x 182mm)
Cylindrical work size	5" (127mm) diameter
Z axis travel	2.0" (50mm)
Z axis clearance	4.3" (110mm) top of jaws
Maximum vice opening	11" (245mm)
Spindle motor speed	18,000 RPM
Power of spindle motor	100W, 24 Volt Brushless Hall Effect DC motor
Feed rates	Variable, electronically controlled micro stepping , up to 4.5"/sec (116mm)
Interface to PC/Laptop	Serial and USB (with adapter)
Mechanics	Stainless steel spindles and lead screws, precision linear rails and steel chassis
Engravable materials	Resins, plastics, wood, plaster, aluminum, brass, steel, gold, silver, copper sheet, etc.
Dimensions	24.0" H x 16.5" W x 33.0" L (610mm x 420mm x 840mm), total weight 150 lbs. (68 kg)
Supplied accessories	USB cord, power cable, serial cable, 120o diamond drag, carbide cutter, brass knob, nylon nose cone, light touch knob, standard aluminum jig, set of four jig pins, 50-85mm cup cone, 100mm face plate, U-MARQ GEM-CX5 engraving software package, scanning module and vector software for logo generation.
Minimum PC/Laptop requirements	1 GHz, Pentium 4, PC running Windows 2000 or XP, 256 MB RAM, 100 MB free hard disk space, 2 free USB ports, 256 color SVGA display, CD-ROM drive and mouse
Warranty	One year

# AVAILABLE ATTACHMENTS/ACCESSORIES

Compact Swarf extractor	AC-00112	\$249.00	Ring and pen jigs	AC-00123	\$98.99
CX4 Inside/outside ring engraver	AC-00119	\$1,299.00	Cutlery jigs	AC-00126	\$199.95
Bangle attachment	AC-00101	\$198.00	Photo engraving	SW-00104	\$395.00
Jewelry jigs	AC-00124	\$84.99	Set of 3 jigs	AC-00125	\$199.00
Watch and medal jigs	AC-00121	\$84.99	Prices subject to change		

## OUR COMMITMENT

We are committed to providing our customers with a solution for fast, efficient, and quality engraving. Our machines are loaded with features, are easy to use, and are manufactured to the highest quality standards at the most affordable price!