U-MARQ

Innovation in the Engraving and Marking Industries

GEM-CX5

The Great Counter Top Engraving Machine
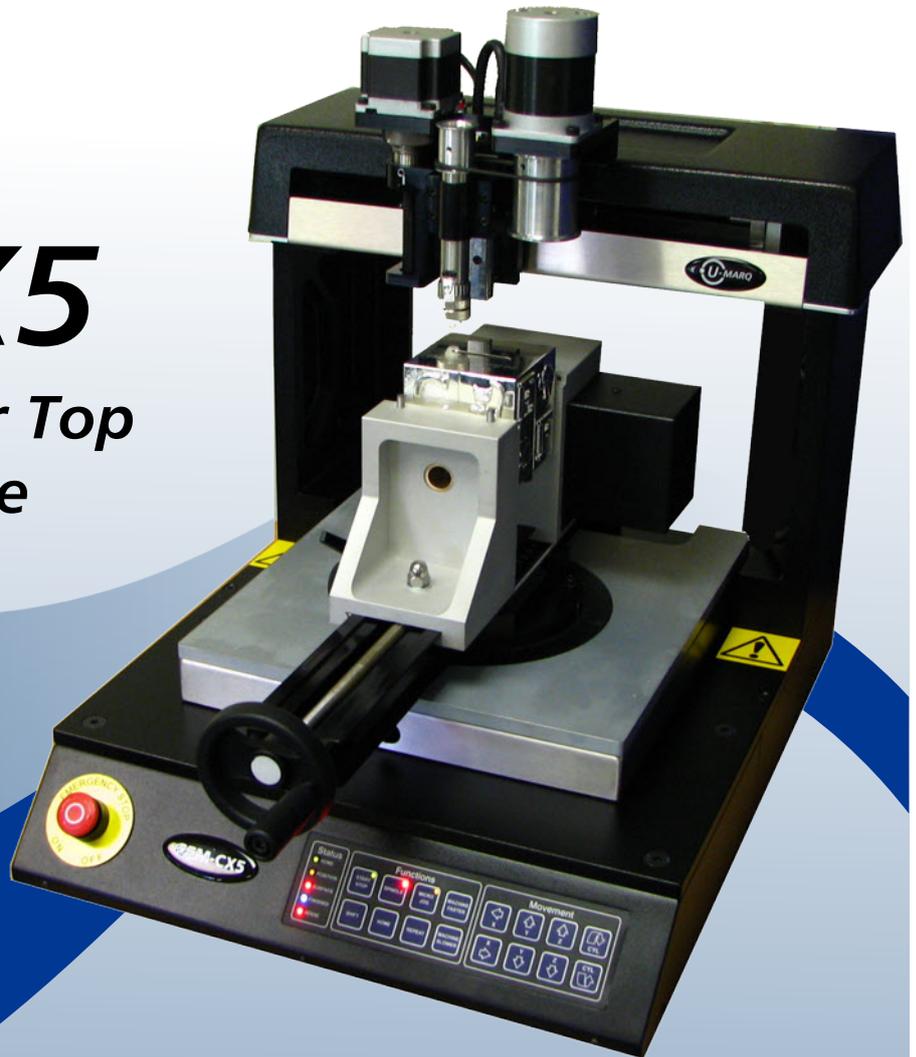
- Designed for the countertop or workshop, for customers who have higher demands.
- The U-MARQ GEM-CX5 is an easy to use engraving solution. It is easy to set up and use in any retail shop or other environment, where fast and efficient engraving of single or multiple items are needed.
- It is capable of engraving anything from the finest bracelet to a full size door sign or tankard as well as glass items and trays.
- Equipped with the state-of-the-art and easy to use U-MARQ CX engraving software, the GEM-CX5 will connected to a standard PC or laptop.
- Its unique 4 axes control system, it enables both flat and cylindrical items in the same setup.
- The U-MARQ CX engraving software package has the new and unique Depth Profiling function. Also included is the scanning and automatic vectorisation of logos.
- The GEM-CX5 ease of use enables everyone engraving gifts and jewellery to achieve a professional standard, after just a short introduction.

www.u-marq.com

Perfect Engraving

The U-MARQ GEM-CX5 Engraving Machine takes over where the GEM-RX5 and FX5 leave off. It can engrave gifts, jewellery, trophies, tankards, glass, tags, labels and many other objects. For the Jeweller the GEM-CX5 can also be used to cut out names and shapes in gold, silver and copper sheet material.

Cylindrical

The GEM-CX5 is a true four axis machine, giving the user absolute control over the cylindrical axis. The cylindrical axis can be used to engrave trophies, tankards and glass. Using the unique U-MARQ Depth Profile function in our Universal Engraving Software (supplied as standard), conical and curved surfaces are easily coped with. For ultimate versatility the vice beam swings 180° to enable you to engrave larger text areas required on some items. For the Jeweller the addition of the inside and outside ring attachment, makes the GEM-CX5 the complete engraving solution. In fact the GEM-CX5 is the ideal engraving machine for the Trophy Shop, Jeweller or Industrial Marker at a very affordable price.

Industrial Engraving

The U-MARQ GEM-CX5 can cope with most industrial marking tasks. Labels, switch sockets, tags, tools, identification plates the GEM-CX5 can handle them all with speed and precision. With a generous engraving area of 231 x 182 mm (9.1" x 7"), engraving speeds of up to 133 mm/sec (diamond drag), no task is too demanding.

Technical Specifications

Flat work engraving area	231 x 182 mm (9" x 7").
Cylindrical work size	130 mm diameter (5.1"), 280 mm length (11").
Z axis travel	55 mm (2.17").
Maximum vice opening	280 mm (11").
Spindle motor speed	18,000 rpm.
Power of spindle motor	100 W Brushless Hall Effect DC motor.
Interface to PC	USB
Construction	Stainless steel spindle, lead screws (Teflon coated) and linear rails mounted on a steel chassis.
Dimensions	610 x 420 x 430 mm (24" x 16.5" x 17") Weight 68 kg (150 pounds).
Operating environment	Temperature: 5 to 38°C (41 to 100°F) humidity: 35 to 80 % (no condensation).
Acoustic noise level	No-load operation: 80 dB (A) or less standby: 50 dB (A) or less.
Supplied accessories	Power cable, USB, 120° diamond cutter, carbide cutter, cutter knob, vernier nose cone, light touch, 85 mm cone, face plate, standard jig, U-MARQ CX engraving software package, Quick Start Guide.
Minimum PC requirements	2 GHz dual core PC running Windows XP (with service pack 2+), Windows Vista or Windows 7, 1Gb RAM, 100 Mb free hard disk space, 256 colour SVGA display, CD-ROM drive and mouse.
Engravable materials	Most materials that are suitable for rotated or diamond drag and some materials that are suitable for deep engraving.