


U-MARQ Machine Comparison Chart

 U-MARQ	GEM-ZX	GEM-TX	GEM-RX	GEM-FX	GEM-CX	UNIVERSAL 350	Quest 1824	Quest 2448
Flat Engraving Area		160mmx75mm (6"x3")	160mmx75mm (6"x3")	265mmx205mm (10.4"x8")	231mmx182mm (9"x7")	240mmx132mm (9.5"x5")	460mmx610mm (18"x24")	610mmx1220mm (24"x48")
Z Axis Travel	62mm(2.45")	62mm(2.45")	62mm(2.45")	62mm(2.45")	50mm (2")	50mm (2")	50mm (2")	50mm (2")
Rotary/Cylindrical	Yes		Yes		Yes	Yes		
Maximum Cylindrical Diameter	50mm (2")		50mm (2") above Jaws		135mm (5.25")	265mm (10.5")		
Inside Ring Attachment Available	Included		Yes		Yes	Yes		
Outside Ring Attachment Available	Included		Yes		Yes	Yes		
Diamond Engraving	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mill Engraving		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vice Available		Fitted	Fitted	Yes (Optional)	Fitted	Fitted		
Flat Table				Fitted	Interchangeable	Interchangeable	Fitted	Fitted
Maximum Vice Opening		145mm (5.7")	145mm (5.7")		340mm (13")	410mm (16")		
Jewellery Cut-outs				Yes	Yes	Yes	Yes	Yes
Photograph Engraving		Yes (Optional)	Yes (Optional)	Yes (Optional)	Yes (Optional)	Yes (Optional)		
Scanning and Logo Generation	Yes (Optional)	Yes (Optional)	Yes (Optional)	Yes (Optional)	Yes	Yes	Yes	Yes
Importing Vector Files	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Importing File Types	AI/HPGL	AI/HPGL	AI/HPGL	AI/HPGL/DXF/DC2/Meistergram/Windows Meta	AI/HPGL/DXF/DC2/Meistergram/Windows Meta	AI/HPGL/DXF/DC2/Meistergram/Windows Meta	AI/HPGL/DXF/DC2/Meistergram/Windows Meta	AI/HPGL/DXF/DC2/Meistergram/Windows Meta
True Type Fonts	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Engraving Fonts	20 (80 extra Font Pack Available)	20 (80 extra Font Pack Available)	20 (80 extra Font Pack Available)	80	900+	900+	900+	900+
Shading (Diamond)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mill Toolpath (Carbide)				Yes	Yes	Yes	Yes	Yes
Single Toolpath (Profiling)				Yes	Yes	Yes	Yes	Yes
Depth Profile	Yes		Yes	Yes	Yes	Yes	Yes	Yes
Measure Plate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Text Merge				Yes	Yes	Yes	Yes	Yes
Counters / Consecutive Numbering				Yes	Yes	Yes	Yes	Yes

Please refer to the U-MARQ website for full range of accessories available for the range of machines

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