

VULCAN SERIES**CO2 LASER ENGRAVING & CUTTING MACHINES
FOR NON METALS**

	V-2412-C	V-1390-C	V-9060-C	V-6040-C
MILLENNIUM CO2 LASER SOURCE (10.6um)*	YES	YES	YES	YES
LASER POWER OPTIONS (Watts)**	100-400	80-150	60-120	40-60
LONG TUBE LIFE 8-12,000 HOURS	YES	YES	YES	YES
HIGH 'Q' CUTTING MODE	YES	YES	YES	YES
LASER PROCESSING AREA (~cm)	240*120	130*90	90*60	60*40
TYPICAL DIMENSIONS (w*d cm)	320*220	220*160	150*100	96*65
BED OPTION	SLATS	SLATS	HONEYCOMB	HONEYCOMB
CUTTING ABILITY***	very high	very high	high	good
ENGRAVING ABILITY***	moderate	good	very high	very high
LENS FOCAL LENGTH (mm)	optional	optional	optional	optional
STD. ENGRAVING HEIGHT RANGE (~mm)	75	75	75	75
TYPICAL MINIMUM CHARACTER SIZE (mm)	<1	<1	<1	<1
HIGH SPEED SYSTEM (mm/sec)	800	1000	1200	1200
INTEGRATED CLOSED-LOOP LASER COOLING	external	YES	YES	YES
INTEGRATED EXTRACTOR FAN & DUCT	optional	optional	optional	optional
INTEGRATED AIR PURGE/COMPRESSOR	YES	YES	YES	YES
FULLY INTERLOCKED SYSTEM ACCESS	YES	YES	YES	YES
HARD & SOFT STOPS ON X-Y DRIVES	YES	YES	YES	YES
SAFE E-STOP & KEYSWITCH SYSTEM	YES	YES	YES	YES
STORAGE SPACE WITHIN MACHINE	YES	YES	YES	YES
DIGITAL MULTI-AXIS CONTROLLER	YES	YES	YES	YES
INTEGRATED END-USER SOFTWARE	YES	YES	YES	YES
FILES: bmp/dxf/dwg/cdr.....	YES	YES	YES	YES
INTERFACE VIA USB / ETHERNET / STICK	YES	YES	YES	YES

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REMOTE SYSTEM CONTROLLER (option)	optional	optional	optional	optional
24-MONTH MACHINE WARRANTY	YES	YES	YES	YES
LASER TUBE WARRANTY (months)	24	36	36	24
EU MACHINE DIRECTIVE COMPLIANT	YES	YES	YES	YES
MAJOR SYSTEM STATUS OUTPUTS VISIBLE	YES	YES	YES	optional
UK DESIGN, ASSEMBLY & SUPPOPRT	YES	YES	YES	YES
ON-LINE SUPPORT INCLUDED****	YES	YES	YES	YES
REPLACEMENT PARTS HELD IN STOCK	YES	YES	YES	YES
TRAINING & SYSTEM SET-UP	YES	YES	YES	YES
SINGLE PHASE 230VAC (Amp)	12	10	6	4
RED LASER TARGET BEAM	YES	YES	YES	YES
Z-AXIS MOTION CONTROL	NO	YES	YES	YES

LIST PRICE FROM (ex-works) **to be advised** **to be advised** **to be advised** **to be advised**

TERMS: **to be advised** **to be advised** **to be advised** **to be advised**

DELIVERY ESTIMATE FROM ORDER **6-10 wks** **6-8 wks** **4-6 wks** **4-6 wks**

- * RF LASER OPTIONAL
- ** LASER POWERS OPTIONAL
- *** SUBJECT TO MATERIAL PARAMETERS
- **** WITHIN 24-MONTHS OF COMMISSIONING

OPTIONAL EXTRAS:

	£	£	£	£
CLOSED CYCLE FUME EXTRACTOR WITH 3 STAGE FILTER SYSTEM PRE-FILTER/HEPA/CARBON	2500	1850	1450	1450
SPARE MIRROR SET (3)	245	196	170	170
SPARE LENS	125	88	76	76
CAMERA SYSTEM (FIDUCIAL TRACK)	POA	POA	POA	POA
LIGHTBURN COMPATIBLE	120	120	120	120

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