

VULCAN SERIES **FIBRE LASER GALVO DRIVEN ENGRAVING MACHINES FOR METAL MARKING**

	V-3030-F	V-2020-F	V-1010-F
FIBRE LASER SOURCE ~1.06UM	YES	YES	YES
STANDARD LASER POWER (Watts)**	20-100	20-100	20-100
AIR COOLED	YES	YES	YES
MINIMUM SPOT SIZE (approx) (um)	40	30	20
LASER PROCESSING AREA (~cm)	30*30	20*20	10*10
MACHINE DIMENSIONS (~cm)	70*50*60	70*50*60	70*50*60
25*25mm TAPPED BED PLATE	YES	YES	YES
LENS FOCAL LENGTH (mm)	optional	optional	optional
ENGRAVING ABILITY***	good	very high	excellent
TYPICAL MINIMUM CHARACTER SIZE (mm)	<<1	<<1	<<1
Z-AXIS ENGRAVING HEIGHT RANGE (~mm)	75	75	75
PROCESS CAMERA SYSTEM	YES	YES	YES
HIGH SPEED GALVO SYSTEM	YES	YES	YES
SURFACE ETCH OR DEEP ENGRAVING METALS	YES	YES	YES
INTEGRATED EXTRACTOR DUCT	optional	optional	optional
FULLY INTERLOCKED SYSTEM ACCESS	YES	YES	YES
SAFE E-STOP & KEYSWITCH SYSTEM	YES	YES	YES
INTEGRATED END-USER SOFTWARE	YES	YES	YES
FILES: bmp/dxf/dwg/cdr.....	YES	YES	YES
INTERFACE VIA USB / ETHERNET / STICK	YES	YES	YES
24-MONTH MACHINE WARRANTY	YES	YES	YES
EU MACHINE DIRECTIVE COMPLIANT	YES	YES	YES
UK DESIGN, ASSEMBLY & SUPPORPT	YES	YES	YES
ON-LINE SUPPORT INCLUDED****	YES	YES	YES

