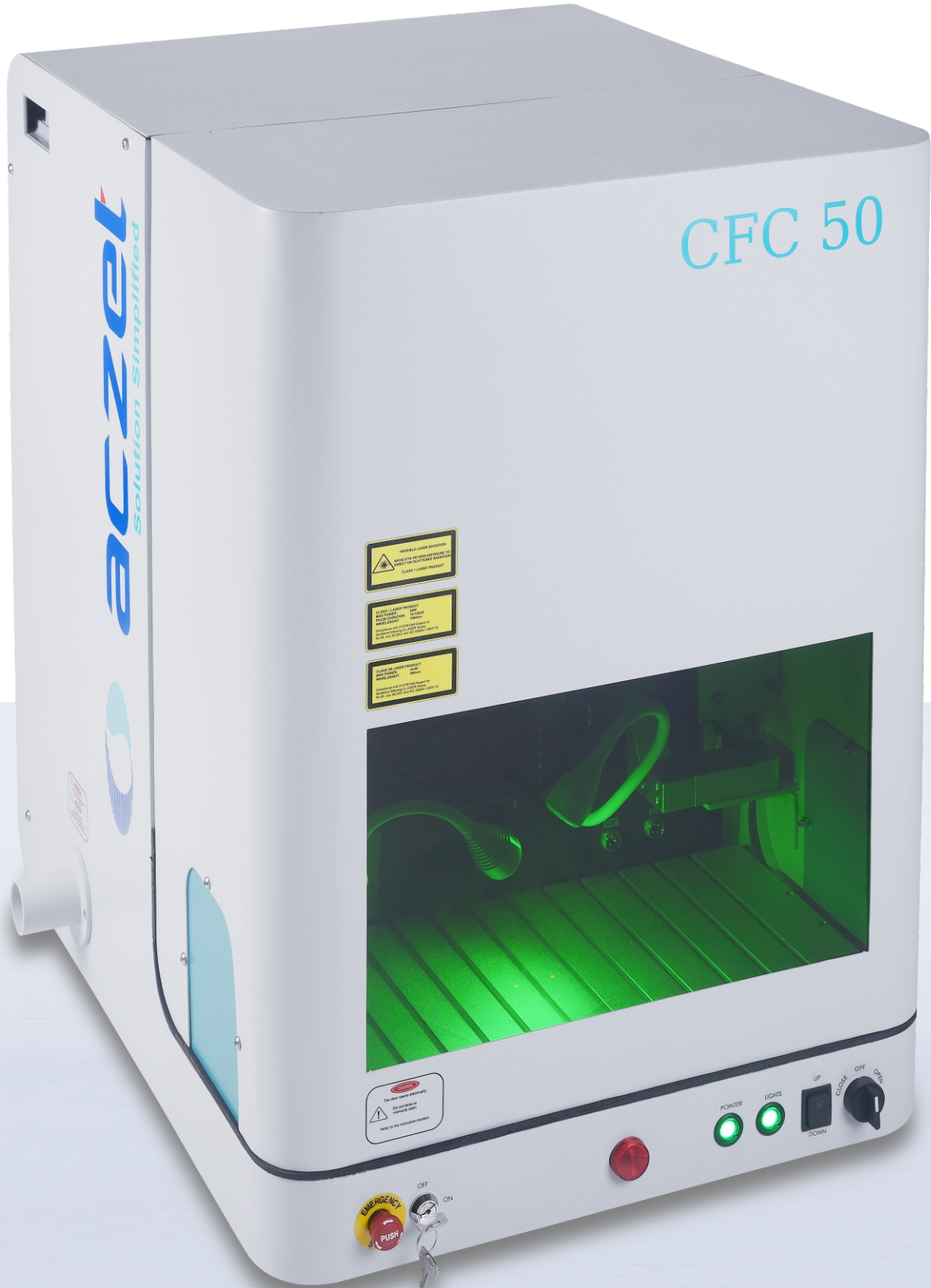


Professional Cutting Machine CFC Series





1mm engraving



1mm cutting



Requirements for Logos, Text Designs and Graphics Patterns are commonly used in Jewellery and Industries for which Laser Maker is a common tool which is indispensable in such Industries. The new generation Aczet CFC Series has solution with 50/70 W output power which enables to get the job done with quality and reduces working time. The machine is capable to cutting metal sheet upto 1.00 mm of thickness.

Technology

CFC Series is based on high performance Ytterbium Pulsed Fiber Laser with high frequency scanner head, offers productive performance, capable of getting most incensed work without compromising quality and precision with quality standards.

Features of this new CFC Series:

Powerful enough to cut up to 1-mm thick metal and few precious metal plates.

Auto head

Standard automatic head moves ups & downs with auto controls makes samples positioning user friendly.

Operating commands can be viewed and executed using the software. The possibility to import images, models, logos, texts etc., from a broad range of files with different extensions.

The New CFC Series could also be fitted with a rotary axis device, to facilitate LASER-marking of curved surfaces, such as the inside or outside of ring, bangles or bracelets.

Software Controlled Rotary

CFC Series can be provided with a rotary device with automatic movement, controlled by software. A tool necessary for LASER-marking rings, bangles, bracelets and all round or curved objects.

Supports for Rings and Bracelets (Optional Device)

Especially designed to be firmly applied to the rotary axis device, these three-pin chucks are perfect for LASER-marking the inner or the outer side of rings, bangles, bracelets and items with a round shape.

Automatic zig for Plate Cutting (Optional Device)

The automatic zig for metal plates provided by CFC Series makes it possible to mark and cut objects from a metal samples without bending.

Software for LASER-Marking

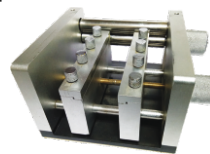
Simple and easy to use, the software is able to import and export DXF, PLT, JPEG, BMP files. The software, is an easy and immediate tool for the management of functions

Control through Foot Pedal

Once the job or the design pattern is ready and the required parameters are set foot pedal will do the job for you. Same job can be repeated several times without touching the application software.

Dust Collector

Vacuum chamber designed in connection with dust collector allows to recover the dust inside chamber.



Zig

Optional



Rotary



Std. Dust Collector

Model	CFC 50 / 100
Laser Source	Ytterbium Fiber Laser
Laser Power	50W /100W
Wavelength	1064 nm
Beam Quality M ²	1.6
Marking Area (mm)	70 x 70 (Optional 100 x 100)
Marking Speed	up to 7000 mm/sec
Laser Frequency	up to 700 kHz
Cooling System	Air Cooling
Minimum Width	0.02 mm
Minimum Character	0.2 mm
Repeatability	0.002 mm
Marking & Cutting Depth	upto 1 mm (can be achieved)
Power Consumption	800 W
Power Supply	220 V AC, 60 Hz / 1P / 4A or 110V / 50Hz / 1P / 8A
Dimension (LxWxH)mm	750 x 450 x 780
Dust Collector	Standard with Machine to collect gold dust
Net Weight	100 kg

Images shown are for illustration purpose only. Specification is subject to change without prior notice.

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