

ESTAR

Split
Type
Fiber
Laser
Marking
Machine



EST-FS

Weight: 30.7 kg



Powerful
laser power



13.8"*13.8"
Working area



30 um
Spot size



7000 mm/s
Engraving
speed



Red dot
guidance



Protective
design



100,000 hr.
Service life



EzCad 2
Included



OME & ODM
Supported

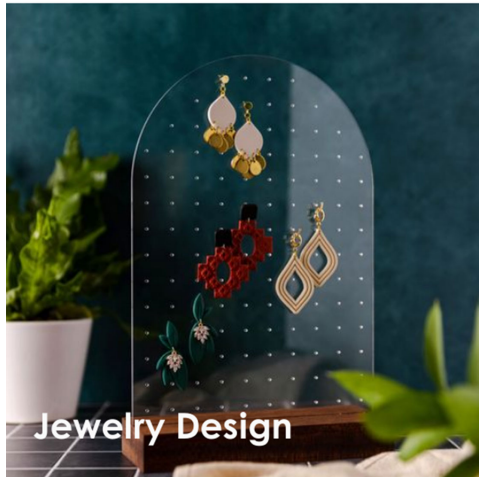
Parameters

Laser Model (Raycus)	RFL-P20QB	RFL-P30QB	RFL-P50QB	RFL-P70QA	RFP-P100QA
Power	20W	30W	50W	70W	100W
Marking Depth	$0.1 \overset{\leq}{-} 0.2$ mm	≤ 0.5 mm	$0.5 \overset{\leq}{-} 1$ mm	≤ 1.2 mm	$1.2 \overset{\leq}{-} 1.5$ mm
Repeat Frequency	20-60 kHz	30-60 kHz	50-100 kHz	60-100 kHz	80-120 kHz
Pulse Width Range (ns)	90 - 110	90 - 110	120 - 150	200 - 240	250 - 290
Beam quality M2	< 1.5M	< 1.5M	< 1.6M	< 1.6M	< 1.6M
Output Power instability	< 3% rms	< 3% rms	< 3% rms	< 5% rms	< 5% rms
Output Beam Diameter (mm)	7 $\pm$ 1	6-8	7 $\pm$ 1	6 $\pm$ 1	6 $\pm$ 1
Wavelength	0°C - 40°C				
Running Temperatur	1064 nm				
Marking Speed	≤ 7000 mm/s				
Repetition Accuracy	≤ 0.01 mm				
Electrical Source Requirement	110-220V/ 50Hz (60Hz)/ 4A				
Life of Laser	100,000 hours				
Software Compatible	EzCad & LightBurn				
Supported File Types	GIF, JPG, TGA, TIF, DST, PLT, PNG, AI, BMP, DXF				

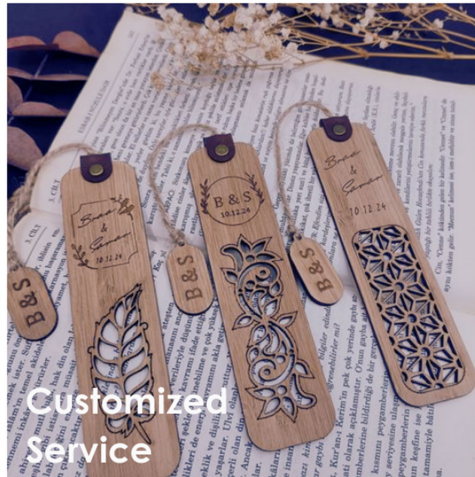


Anti-Counterfeiting
Marking

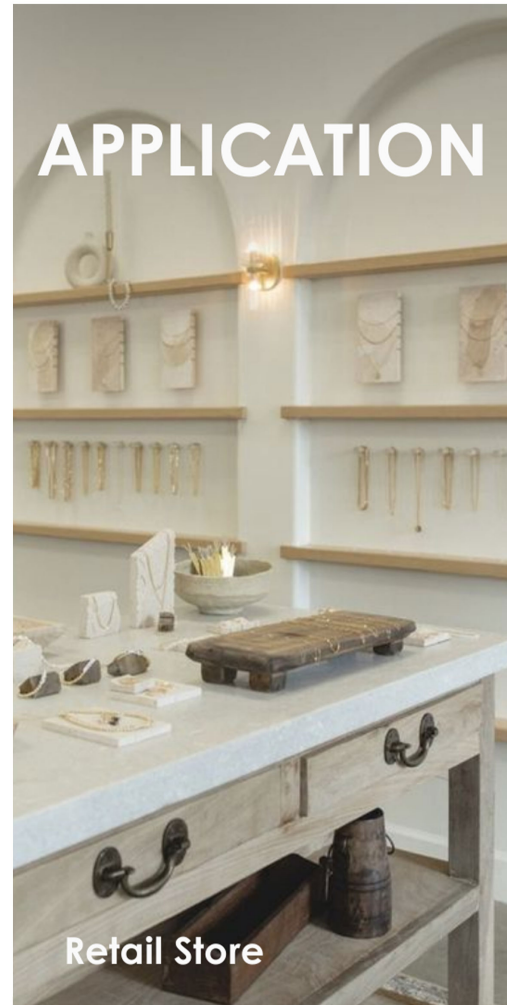
HOW TO HELP YOUR BUSINESS?



Jewelry Design



Customized
Service

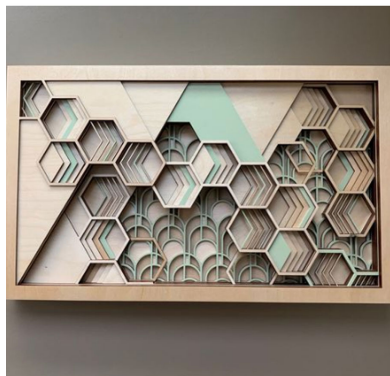


APPLICATION

Retail Store



SAMPLE



JEWELRY

Laser engraved
Made of 14k gold
plated stainless steel
Original design



Studio



Street Stall