



**Combination Of Laser Source & CNC Milling Machine**



**Opera**

Creativity knows no boundaries. Opera is the first of its kind, far more than just a simple marking tool. It features a unique fusion of technologies that greatly expands the creative possibilities in the jewelry industry. This new generation engraving and milling machine combines the precision of CNC with the versatility of laser technology. This unique combination is designed to optimize production and unlock new design opportunities, incorporating cutting, marking, burnishing, diamond finishing, and engraving to open new creative horizons for modern workshops.



**Technical Specification:**

Opera		
Particular	Details	
Output Power	18 W	60 W
Laser source and wave length	Nd:Ce:YAG1064nm	
M2	< 1.5	
Speed Of Galvo Head	5000 m/s	
Max Pulse Energy	0.67 mJ	2 mJ
Max Frequency	60 KHz	4 MHz
Pulse Duration	100	~500 ns
Max Marking Area	100 x 100mm (150x150xmm extendable thanks rotation table and moving scan head)	
CNC Resolution	0.0125mm(XY)/0.000625mm(Z)	
Spindle Resolution	18000 RPM	
Max CNC Area	200x140 mm	
Cooling System	air Cooled	
Power supply	110/240 VAC- 50/60 Hz- 250 W	
Dimension	700 x580 x 590 mm / 27.6 x 22.8 x 23.2	
Weight	60 Kg / 132.3 lbs	

**Plus**

- Combination of laser source and CNC milling machine
- Dedicated Opera Easy Creator software
- Supplied with a complete kit of accessories



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