

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.

Plus

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



Data sheet

Output Power	20 W	60 W - MOPA
Laser source and wave length	Nd:Ce:YAG 1064 nm	
M ²	< 1.5	
Speed of Galvo Head	5000 mm/s	
Max Pulse Energy	0.67 mJ	2 mJ
Max Frequency	60 kHz	4 MHz
Pulse Duration	100 ns	10-500 ns
Max Marking Area	100x100mm (150x150mm extendable thanks to rotating table and moving scan head)	
CNC Resolution	0,0125mm(XY) / 0,000625mm(Z)	
Spindle Revolution	14000 RPM	
Max CNC Area	200x140 mm	
Cooling System	air cooled	
Power supply	110/240 VAC - 50/60 Hz - 250 W	
Dimension	700 x 580 x 590 mm / 27.6 x 22.8 x 23.2	
Weight	60 kg / 132.3 lbs	
Laser Class	1 (4 with drag and clamp optional)	