

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	18 W	60 W
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	18000 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)	