

Jewellery Laser Deep Engraving and Cutting Machine

Precise Cutting & Deep Engraving | Maximum Gold Dust Recovery



✓ Benefits of Dust Collector

- Collects Precious Dust for recovery
- Keeps Work Area Clean & Safe
- Reduces Residue on Lenses & Optics
- Longer machine life

✓ Benefits of Inert Gas

- No Oxidation or Burn Marks
- Improves Cut Quality, Smooth edges
- Cleaner Working Atmosphere

ALX 30 / 50 / 60 / 100

🔧 Product Overview

Our Jewellery Laser Deep Engraving & Cutting Machines are designed for high-precision metal cutting and deep engraving on all precious metal.

⚙️ Key Features

- Deep Engraving – Perfect for Logos
- Fine Cutting – Smooth Edges, Minimal Metal Loss
- Provision for Dust Collector – Gold Recovery
- Inert Gas Compatible – Oxidation-Free
- Air-Cooled, Maintenance-Free Design

⚙️ Applications

- Gold & Silver Name Pendants
- Designer Jewellery Cutting
- Prototyping and Small-Batch Customisation
- Filigree Work & Designer Jewellery
- Ornaments, Charms & Religious Symbols
- Bulk Jewellery Production
- Export-Grade Ornament Manufacturing

Technical Specification

Model	Unit	ALX 30	ALX 50	ALX 60	ALX 100
Power	Watt	30	50	60	100
Wavelength	nm	1064	1064	1064	1064
Repeated Frequency	Khz	25-60	40-70	45-80	75-85
Light Beam Quality	M2	<1.7	<1.7	<1.7	<1.7
Carving Range	mm	50x50	50x50	50x50	50x50
Carving Depth	mm	0.3	0.5	0.6	1.0
Carving Line Speed	mm/S	6000	6000	6000	6000
Minimum Line Width	mm	0.02	0.03	0.04	0.08
Minimum Character Size	mm	0.20	0.30	0.30	0.60
Repeating Precision	mm	0.002	0.002	0.002	0.003
Power Supply	VAC	220 ACV / 50 Hz	220 ACV / 50 Hz	220 ACV / 50 Hz	220 ACV / 50 Hz
Power Consumption	Watt	400	600	800	1000
Operating System	-	Win 10 / Win 11	Win 10 / Win 11	Win 10 / Win 11	Win 10 / Win 11
Cooling Method	-	Air	Air	Air	Air
Control Interface	-	USB	USB	USB	USB
File Format	-	.plt / .dxf / .svg	.plt / .dxf / .svg	.plt / .dxf / .svg	.plt / .dxf / .svg
Weight	Kg	55	75	75	85
Size	mm	750x450x710	750x450x710	750x450x710	750x450x710