

## Jewellery Laser Deep Engraving and Cutting Machine

Dual Purpose : Precision Cutting + Marking and Deep Engraving



**ALX 30**



### Product Overview

Our 30W Fibre Laser Machine is a compact yet powerful solution for both deep engraving and precision cutting on gold, silver, platinum, and copper. With high-speed operation, sharp beam focus, and user-friendly software, it's perfect for custom engraving, marking, and jewellery cutting in one system. Ideal for jewellers, and designer studios, this machine enables deep, clear engraving (ideal for logos and inscriptions) and burr-free cutting, with minimal metal loss.

### Key Features

- 30W Fiber Laser – Stable, Efficient Output
- Deep Engraving (0.3 mm+) on Gold, Silver, Platinum
- High-Precision Metal Cutting (up to 0.5 mm)
- Sharp Edge Quality – No Burr or Blackening
- Perfect for Text, Logos, QR Codes, 2D Designs
- Air-Cooled, Maintenance-Free System
- Compatible with AutoCAD / CorelDRAW
- Low Running Cost – No Consumables Required

### Applications

- Deep Logo/Name Engraving on Jewellery
- Hallmarking and Serial Number Marking
- Fine Cutting of Name Pendants, Charms, Designs
- QR Code and 2D Code Marking
- Designer Jewellery Cutting & Personalisation

### Technical Specification

Model	Unit	ALX 30
Power	Watt	30
Wavelength	nm	1064
Repeated Frequency	Khz	25-60
Light Beam Quality	M2	<1.7
Carving Range	mm	50 x 50
Carving Depth	mm	0.3
Carving Line Speed	mm/s	6000
Minimum Line	mm	0.02
Minimum Charactor Size	mm	0.20
Repeating Precision	mm	0.002
Power Supply	VAC	220/50 Hz
Power Consumption	Watt	400
Operating System	-	Win 10
Cooling Method	-	Air
Control Interface	-	USB
File Format	-	.plt / .dxf / .svg
Weight	Kg	55
Size	mm	750x450x710