

Jewellery Laser Marking Machine

Small in Size. Big on Precision. BIS Approved

ALX 20 COMPACT



Product Overview

The 20 Watt Compact Jewellery Laser Marking Machine is a powerful, space-saving solution for jewellers and hallmarking centers. Designed for accurate, clean, and permanent laser marking, this compact model is ideal for marking gold, silver, platinum, and other precious metals—all from your desktop or workshop corner. Perfect for BIS hallmarking, branding, QR code engraving, and name personalization, it ensures zero contact marking, ultra-fine detail, and long-term reliability with minimal power use.

Key Features

- 20W Fiber Laser – Compact, Durable & Efficient
- Small Footprint – Fits Any Jewellery Counter or Workshop
- High-Speed, High-Precision Marking
- Perfect for Gold, Silver & Platinum
- BIS Hallmarking Ready – Fine Detail Output
- Low Maintenance & Air-Cooled
- User-Friendly Software Interface

Applications

- BIS Hallmarking on Gold & Silver
- Logo, QR Code, Serial Number Marking
- Jewellery Branding & Personalization
- Name Engraving on Rings, Bangles, Pendants
- Lightweight & Daily Wear Jewellery Customization

Technical Specification

Model	Unit	ALX 20
Power	Watt	20
Wavelength	nm	1064
Repeated Frequency	Khz	20-60
Light Beam Quality	M2	<1.5
Carving Range	mm	100 x 100
Carving Depth	mm	0.2
Carving Line Speed	mm/s	6000
Minimum Line	mm	0.02
Minimum Character 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	30