

## High Power Laser Marking & Engraving

Laser marking methods offer several advantages when compared to traditional marking and labeling practices. A list of typical advantages might include ability to produce high-quality permanent and contamination-free marks, no character distortion since the method is non-contact, easily automated and integrated into manufacturing systems, and can have high speeds and throughputs.



The flexibility of laser marking often helps improve the product quality, traceability, process control, and customer satisfaction. Imported key components used in our laser marking systems result in high performance, good beam quality & low maintenances and low cost man-power results in low prices of our systems. Our laser marking systems are being widely used in laser marking of hard, fragile or soft products or materials.

### Specifications

- Type of Laser: Diode-Pumped Solid-State
- Laser Power: 80 W
- Mode of Operation: Pulsed & CW
- Laser Wavelength: 1064 nm
- Peak Power: 90 kw
- Repetition Rate: 5-35 KHz
- Cooling Method: water cooling
- Marking Speed: 4500mm/s
- Operating Temperature: 15-35°
- Supported Files: .DWG, .PLT, .DXF
- Power Source: 220 V, 50 Hz



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