

Laser Marking Machines



Laser Marker

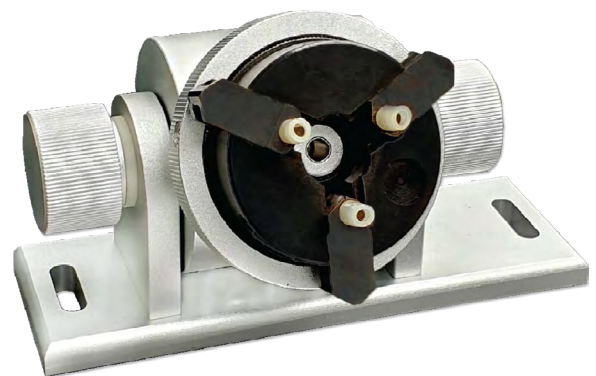


Laser Marker AutoFocus

The Midas marker is a desktop laser engraving machine that provides the most economical solution that meets a wide range of production needs. Vertical openings on all three sides provide easy access with a pass through option when needed. Long parts that won't fit in the cabinet are easily marked with 3 sides open. The robust structure has a working table made of hard anodized aluminium with pre-drilled holes for fixture of parts quickly.

Technical Specifications

Laser source	Fiber laser
Laser power	20 W
Laser wavelength	1064 nm
Beam quality	1.2
Laser frequency	20 - 200 kHz
Laser lifespan	50000 hours (average)
Min. life width	0.02 mm
Min. character height	0.2 mm
Repeatability	0.001 mm
Marking table	X, Y and Z axis table
Marking depth	Up to 1.0 mm
Power supply	220 V, Single phase (Standard)
Weight	23 kg



Explore more
<https://www.harshad.com/midas-laser>



Laser Cutter & Engraver

Midas laser machine is one kind of professional laser marking equipment which integrated light, machine & electricity. The key components are imported, our machine with advantages of novel style, unique structure, convenient operation, high frequency modulation, high marking speed and precision, stable performance, widely used in all kinds of metallic and non-metallic surface for permanent marker. Midas 50W is using the most advanced laser technology, optical fiber as medium, through absorbing or releasing energy from the laser, the galvanometer changing track and lens focused on the work piece surface, in accordance with the system pre-install path in work piece surface movement which in the process of evaporation vaporization, exposing deep mark.



Components of the laser machine:

- * Laser source
- * Laser scanner
- * F-theta lens
- * Control board & marking software
- * Computer
- * Lifting pillar
- * 2D working table
- * Power supply.

Technical Specifications

Laser source	Raycus (50W), JPT (80W, 100W)
Laser wavelength	1064 nm
Average output power	50 W, 80 W, 100 W
Pulse energy	1 mJ
Pulse width	90 - 150 ns
Modulation frequency range	50 ~ 100 kHz
Maximum linear speed	7000 mm/s
Resolution	12 μ rad
Repeatability	8 μ rad
Marking range	110 x 110 mm (optional)
Minimum line width	0.01 mm
Minimum character height	0.02 mm
Cooling method	Air cooling
Laser power	0.5K/AC 220V/50-60Hz (optional 110 V)
Light path lifting stroke	Movements itinerary 285 mm
Environment requirement	0 ~ 35 °C

