

Nd:YAG Lamp Pumped Laser Marking Machine



Laser marking is used to mark various materials quickly, reliable and with high precision. It is a non-contact technique and does not damage the product. It eliminates the use of die cutters, blades, scribes or inks. The laser is controlled using a PC. Images, graphics and text can be created to suit your needs.

Software Features :

- Use polylines, squares, rectangles, circles, ellipses and text.
- Input from Corel Draw, Auto CAD or other graphics software (HPGL, semi-Postscript, DXF).
- Bar code Marking.
- Serialization.
- Different Fonts.
- Define up to 8 layers for marking.

Laser System	Lamp Pumped
Laser Source	Lamp Pumped Laser
Wavelength	1064 Nm \pm 10 nm
Beam Mode	TEM00
Output Power	50 to 60 Watts, CW
Beam Delivery	Galvanometer Driven Mirrors, Flat Field Type
Utilities	Electrical Supply 380 V AC, 50/60 Hz, Three Phase

Marking Specifications

Marking Field Size (mm)	62 x 62	100 x 100	150 x 150
Entrance Beam Bundle Diameter (mm)	12	12	12
Working Distance (mm)	105.8	184.3	257
Resolution (m)	15	25	30
Writing Speed (characters / sec)	300	300	300

Control System :

Pentium 4 CPU, 512 MB RAM, 40/80 GB HDD, CD-ROM, 14" colour monitor.
(Distance between edge of head & working field, character size 12 mm, lens & material dependent)

Warranty & Maintenance :-

One year warranty on the system from material & manufacturing defects. This warranty excludes all optics and consumables like filters and de-ionized filters.

Specifications subject to change without notice.

We can also provide 300 x 300 mm Marking field size on request.