

1. LOGO MARKING MACHINE (30W CN)

TECHNICAL SPECIFICATION :

• LASER

LASER	Seales Co2 Laser Metal Tube
CLASS	IV
AVERAGE LASER O/P POWER	30/50/60/80/100 Watts
POWER STABILITY	+/- 5%
WAVELENGTH	9240 - 10630 nm
PULSE REPEATATION RATE	1 KHz - 100 KHz
BEAM DIAMETER	1.8 +/- 0.2 mm
TYPICAL BEAM QUALITY	$M^2 \leq 1.2$
MODE OF OPERATION	Pulsed
Operating Temperature	5°C to 40°C
RED POINTER FOR POSITIONING	Visible Red Light (636 nm)

• MARKING

MARKING SPEED	Up to 12000 mm / sec.
MARKING FIELDS	110(std.)/155/215 mm ² (optional)
WORK CLEARANCE	185/296/387 mm
MIN. CHARACTER HEIGHT	0.2mm
MARKING DEPTH	0.04mm (Depend's on Material)
BEAM DEFLECTION	Digital High Speed Galvanometer

• ELECTRICAL

POWER CONNECTION	220V +/-10V AC, Single Phase
Average Power Consumption	< 1KWA

• OTHER

COOLING TYPE	Air Cooled
ENVIRONMENT	Free From Dust, Oil, Mist, & Other Contamination(incl. Structure)
TEMPERATURE	5 ⁰ C to 35 ⁰ C
MAX. WEIGHT	<130 kg
DIMENTION	

• SOFTWARE FEATURES

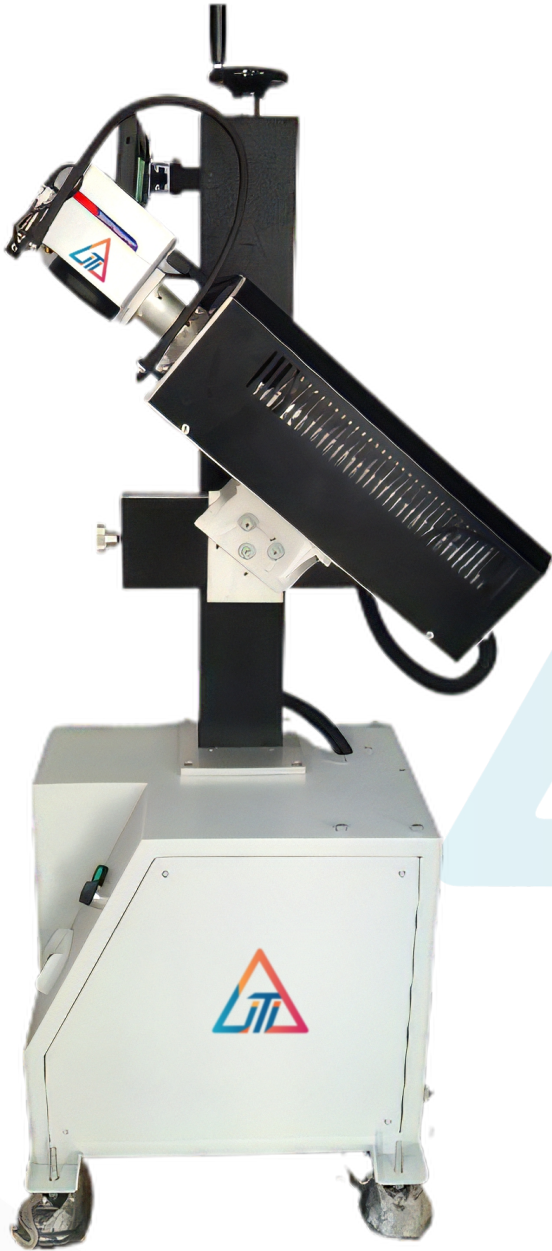
CHARACTER FORMATS	All True type fonts installed under windows OS, filled of outline
FONT ALIGNMENT	Any alignment and font direction circular, arc marking
GRAPHIC ELEMENTS	Line, Circle, Rectangle, Polygon, all surface element filled & unfilled
GRAPHIC FORMATS	JPEG, Bitmap, DXF, PLT, Tajima DST, Gerber bot, 2D Matrix

• COMPUTER SPECIFICATION

- Stand Alone Controller
- 2 GB RAM Inbuilt
- 16 GB EMCC Statik Storage
- 8 Inch Touch Screen
- Interface USB Interface
- Operating System : Embeded Special OS

• Features

- Single Phase
- Air Cooled
- Inbuilt Guide Laser
- Maintanance Free No Optical Alignment
- Compact and Easy Integrity
- Expected MTBF(Diode) Life Greater then 50,000 Hrs
- First and Last Pulse Equally usable



CO2

