



TECHNICAL SPECIFICATION :

• LASER

LASER	Ytterbium Fiber Laser(Multi Diode EP)
CLASS	IV
AVERAGE LASER O/P POWER	30/50/60/80/100 Watts
MAX. PEAK POWER	>8 KW
WAVELENGTH	1060 - 1070 nm
PULSE REPEATATION RATE	20KHz - 100 KHz
PULSE WIDTH	90 ns
TYPICAL BEAM QUALITY	$M^2 \leq 1.4$
MODE OF OPERATION	Pulsed
PULSE ENERGY @20 KHz	1mj
RED POINTER FOR POSITIONING	Visible Red Light (636 nm)

• MARKING

MARKING SPEED	Up to 12000 mm / sec.
MARKING FIELDS	180 (std.) / 155/ 215 mm ² (optional)
WORK CLEARANCE	185/296/387 mm
MIN. CHARACTER HEIGHT	0.2 mm
MARKING DEPTH	0.04 mm (Depend's on Material)
BEAM DEFLECTION	Digital High Speed Galvanometer

• ELECRITICAL

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

• OTHER

COOLING TYPE	Air Cooled
ENVIRONMENT	Free From Dust, Oil, Mist, & Other Contamination(incl. Structure)
TEMPERATURE	5 ^o C to 35 ^o C
MAX. WEIGHT	<120 kg
DIMENTION	

• SOFTWARE FEATURES

CHARACTER FORMATS	All True type fonts installed under Embeded 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
- 64 GB SSD Statik Storage
- 10 Inch Touch Screen
- Interface USB Interface
- Operating System : Embeded Special OS

• FEATURES

- Single Phase
- Air Cooled



FIBRE

