

3D LASER ENGRAVING & LASER TEXTURING MACHINE FOR METAL



About Specialise Products

Specialise Products Private Limited is an Indian Original Design Manufacturer (ODM), who Conceptualise, Design and Manufacture Customized Machines as per customer's requirement.

Our Team has core competence in the field of Lasers, Quantum Optics, Fiber Optics, Spectroscopy, High Energy Physics, Opto Electronics and Customised solutions and Applications.

Features

- Precise and accurate marking / engraving.
- Non-contact marking/ engraving.
- Material versatility.
- Permanent and durable marking.
- Software compatibility.
- Air-cooled system.
- Capable of engraving alpha numeric characters on SS solid rods and the characters can be marked on the cylindrical surface in longitudinal way.

Applications

- Aerospace.
- Automotive.
- Medical Devices.
- Manufacturing & Industrial.
- Electronics.
- Consumer Goods & Personalization.
- Packaging & Pharmaceuticals.
- Arts, Crafts & Education.



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SPECIALISE PRODUCTS PRIVATE LIMITED

**Office # 706, Kamdhenu Commerz Premises Co-Op Soc Ltd, Plot # 2, Sector 14,
Kharghar 410210 (Navi Mumbai), RAIGAD, Maharashtra INDIA**

3D LASER ENGRAVING & LASER TEXTURING MACHINE FOR METAL

MODEL NO: SP2L-LEM/LTM-3D



Technical Specifications

Parameters	Specifications
Laser Type	1064nm Fiber Laser Source
Laser Power output	200W
Laser Brand	JPT
Marking Area	140 x 140 x 60 mm
Working Table	450 x 350 mm
Wave Length	1064nm
Working Precision	0.01mm
Beam Quality M2	<1.6
Scan Head	Sino or equivalent
Marking Speed	Up to 6000mm/s
Marking Depth	-40~0mm
Lifting Column	Z axis - 500 mm Motorized
Repeat Positioning accuracy	0.001 mm
Working table (stage)	Enclosure Cabinet
Z Dynamic Range	130 mm marking (depth) range
Minimum Line Width	0.01mm or better
Minimum Character	1.0mm
Repeated Accuracy	< 8 μ rad (micro radians) or better
Overall Power Draw	Max 1000W
Power Supply	230V AC , Single Phase
Cooling Mode	Air cooled

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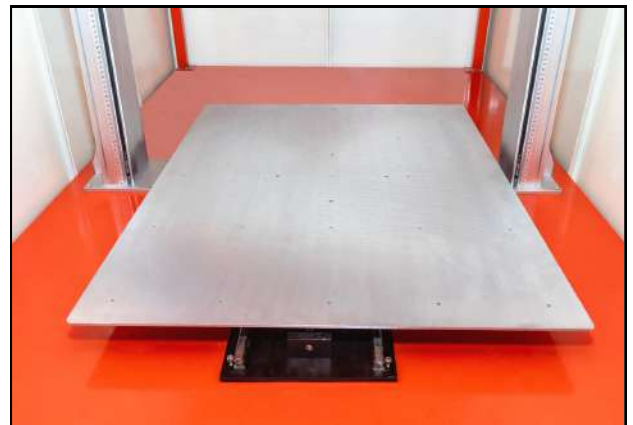
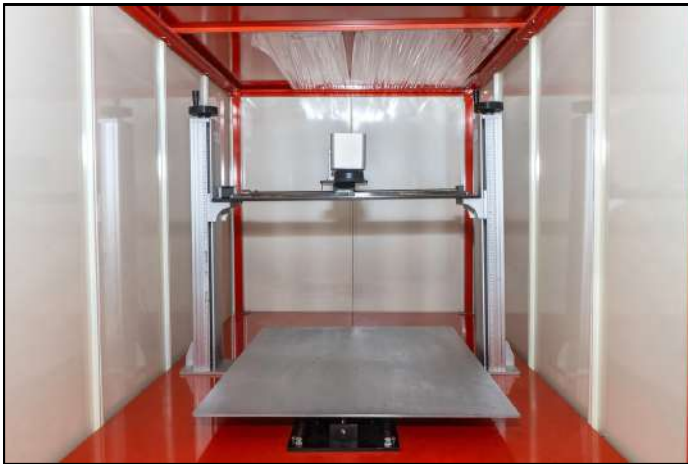
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Technical Specifications

Parameters	Specifications
Laser Module Life	1,00,000 hours
Software Graphics	EZCAD3
Applications	Jewellery, Metals, Industrial Application
Safety Standards	Class 4 or better
Materials Compatibility	Stainless Steel, Aluminium, Ceramics, Coated Glass, Wood
Accessories	Panel AC, Suitable Industrial fume extractor



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