



GEM YAG depth laser marking machine

GEMJB-DS



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Product Advantage



OVERVIEW

GEMJB-DS depth laser marking machine is based on the experience of many years of research and development and innovation of GEM laser on the semiconductor pump laser marking machine superior performance developed. Core components are imported, to ensure the long-term stable work of the whole machine.



High Speed

Perfect combination of software, hardware and light-speed galvanometer scanner realize high speed marking.

Lower Energy Consumption

Significant operation cost reduction due to about 50% photoelectric conversion efficiency.



High Reliability

Rapid cache transmission control, choice optical and electronic elements to ensure continuous work in long time and capacity.



No Consumables

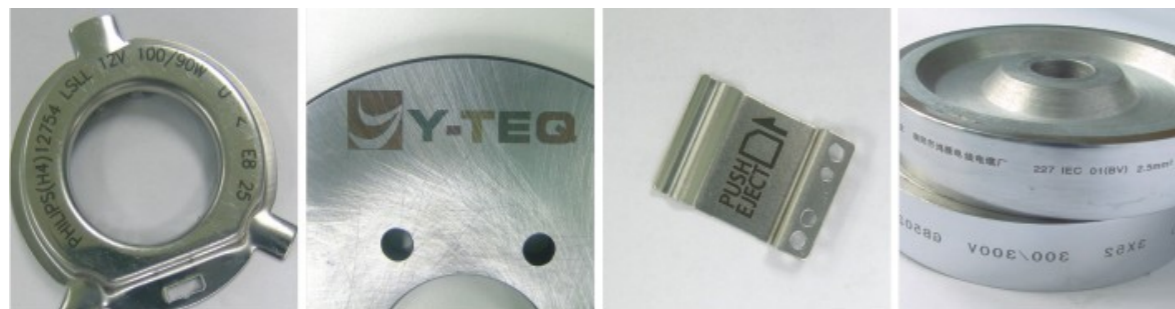
Improved lifetime of laser module, maintenance free and no consumables ensure low maintenance and operation cost.



FEATURES

1. Adopt the integral molding precision casting light seat, the optical device has good coaxially, easy installation and debugging, and easy to maintain.
2. Adopt laser and optical system full sealing technology. On the basis of the shield of the light path system, the whole optical path is sealed up with PVC plastic corrugated pipe, thus further enhancing the dust protection level and ensuring the stable operation of the equipment.
3. Adopt double red light focusing technique. Laser focus is more convenient, operation more humane.
4. The energy efficiency of light pumping laser marking machine is higher, and the energy consumption is greatly reduced. Good beam quality, no wearing parts, the use of maintenance free.
5. The control cabinet frame all adopts the steel plate bending technology, the overall shape, beautiful and high-grade, durable. The control panel is lined with rubber sealing rings, which can effectively prevent dust, oil and other pollutants from erosion.
6. The cooling system is equipped with deionization device, and it is equipped with imported high-quality hoses to ensure that the heating elements such as laser have a clean and constant temperature working environment, so that the whole machine is in good running condition for a long time.
7. Marking software has been issued by the State Copyright Administration of computer software copyright registration certificate. The utility model has the advantages of strong function, good compatibility and convenient operation and use. Users enjoy marking software's lifetime free upgrade service.

LASER MARKED SAMPLES



APPLICATIONS

Marks can be printed on metal materials and parts of non-metallic materials. The contents may be the product type, date of production, serial number, or various trademark designs, bar codes and two-dimensional codes, etc.

Auto parts: piston, piston ring, gear, axletree, shafting, clutch, auto lamp, etc.

Electronic Components: resistance, capacitance, chip printed-circuit board, keyboard, etc.

Meter and instrument: panel, nicety instrument, etc.

Hardware tools: knife, tool, measure etc.

Specification

Model	JMJB-DS
Maximum laser output power	80W
Laser wavelength	1.064μm
Marking format	110mmx110mm /175mmx175mm
Marking line width	0.05mm-0.2mm
Marking depth	0.05mm-0.3mm
Marking speed	≤7000mm/s
Power demand	220V/50Hz/5KW
Cooling requirements	air cooling
Control system	550mmx600mmx925mm
Host system	1070mmx485mmx1160mm
Cooling system	640mmx580mmx1050mm