



GEM Laser engraving machine

GEM-L1490



GEM LASER LIMITED

A Legend Laser machine Manufacture & Solutions

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GEM LASER CO.,LIMITED



OVERVIEW

High-power laser cutting machine 1490 models, is Beijing Ming Thai laser engraving machine manufacturers, for the advertising industry, handicraft industry, such as sheet metal cutting industry R & D design models, models of the overall characteristics of high power, high precision, For 1400 * 900mm, suitable for most of the plate cutting plate.

APPLICATIONS

Applicable industry

Industry, advertising industry, decoration industry, craft gift industry, electronic appliances, advertising, logo signs, crystal jewelry, paper cutting process, bamboo technology, packaging and printing, clothing leather, thorn rust, frame production and other industries.

Applicable materials

Leather, paper, cardboard, film, plastic, rubber, double color board, bamboo products, marble, jade, crystal, glass, tile, plant, Fruit and other non-metallic materials.

Product Advantage



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. high precision,32-bit dsp chip controller, with three-phase stepper motor and supporting motor motor, you can cut high-speed smooth, crossed, able to perfect the complex processing of cross-cutting and other graphics work.
2. fast, imported six balanced high-speed sliding slide, high stability, faster.
3. Long life, High-performance long-life catalytic laser tube, as well as imported ZnSe focusing mirror, metal eye mirror, high standard long-life supplies, saving customers supplies cost.
4. function, laser cutting machine, engraving machine to support the power to continue carving function. Work outside the power, boot can continue to work. Laser cutting machine supporting software, a comprehensive upgrade, simple operation, support for offline operation and computer operation, full support xp, win7 system operation.
- 5.laser head, laser cutting machine laser head can be any increase or decrease, single, double-headed models at random choice. Increase or decrease at any time.

LASER ENGRAVED SAMPLES



SPECIFICATIONS

Model 【1490Tf】	Description
Laser type	Domestic sealed off CO2 laser tube
Laser power	Standard 100W (130W/150W/180W/200W optional)
Processing area	Single head: 1400 × 900mm double head: (700 × 900) × 2
Engraving speed	0-60000mm/min
Cutting speed	0-40000mm/min
Processing depth	Power 100W ≅ 20mm (acrylic example)
positioning accuracy	≅ 0.01mm
Max scanning accuracy	2500DPI
Smallest line of text	Chinese characters: 2 × 2mm, English: 1 × 1mm
Laser energy control	Software control and manual control dual mode
Support for graphic formats	AI,DXF,PLT,BMP,DST
Power supply	AC220V,50HZ
Engraving table	Push-pull tooling platform honeycomb or knife bar two optional
Separate output	available
working environment	Temperature: 0-45 °C , Humidity: 5-95 °C
Dimensions	1950 × 1460 × 1050mm
Total power	Single head: ≅ 1100W double head: ≅ 1450W

Note: double-headed models for the two laser head at the same time processing two identical patterns, the pitch can be manually adjusted, double-headed machine can be compared with a laser head, adjusted for single use, can process the largest format. MT-L1490 double-headed adjustment for single-head work, the maximum processing format: 1490 × 900mm, double-headed work at the same time, each laser head are divided into the largest processing format: 700 × 900mm.