

## Laser Deep Engraver



High-speed laser deep engraver adopts a fiber laser with low pulse repetition rate, high pulse energy and high peak power. We use precise optics rectifier and special focus technology to get perfect Gaussian laser beam and specific beam shape. Our deep engraver has the features such as flat engraving bottom, sharp edge, small heat-affected zone and high speed.

### Features

- Precise engraving and good stability specially suitable to laser deep engraving of complex shapes.
- Deep engraving and high engraving efficiency.
- Compared to conventional engraving, our engraving speed is higher due to usage of high speed galvanometers.
- Free or low cost maintenance and no warming is required.
- Low operation cost and no water cooling is required.

### Applications

The deep laser engraver can be used in deep engraving of parts of automotive and motors, hardware tools, stainless steel products, medical parts, clock and watch, industrial bearing, mould. The materials to be engraved include copper, brass, aluminium, alloy, stainless steel etc.

### Main Technical Specifications

Laser wavelength	1070nm
Laser power	100W
Engraving field	100x100mm (other available)
Position precision	±0.001mm
Max. moving speed	7000mm/s
Engraving depth	< 0.6mm
Electric Power required	0.5KW
Electricity	220VAC / 50Hz
Cooling	Air
Size (LxWxH)	800x650x1200mm

### Engraved Samples

