Adopt Germany IPG Technology Max Fiber Laser Generator

The laser generator contains a Fiber Bundle that is doped with Ytterbium, and light emitting diodes are then pumped into it. The laser light is then fiber delivered to the optical head that consists of a beam expander, collimating optics and back reflection protection.

The Fiber Laser marking machine offers the best electro-optical conversion rate. It is fitted with a Fiber Bundle that is doped with Ytterbium, and light emitting diodes are then pumped into it. The laser light is then fiber delivered to the optical head that consists of a beam expander, collimating optics and back reflection protection.

Optional Designs:
The KT-LF 10/15 Series Fiber Laser marking machines can mark an inexhaustible range of metals and alloys. Listed below are just some of the materials:

- Specially treated surfaces (anodized aluminum, phosphating, electroplating etc.)
- All types of metal oxides
- Rare metals and alloys (gold, silver, titanium etc.)
- All metals and alloys (iron, copper, aluminum, magnesium, zinc etc.)

Features & Benefits:
- Suitable for small-part marking
- High level of part integration
- Small fiber laser marker

Maintenance free
- Easy to move and operate

Increased savings with low power consumption
- Eco-friendliness helps combat environment damage
- Offers increased flexibility and convenience
- Marks perfectly accurate characters in very small areas
- High-speed Galvo scanner results in a 20% speed increase

Windows XP or 7/AI, PLT, DXF, DST, BMP, JPG, JPEG, PNA, TIF etc.
EZCAD (PC required)

Suitable for big-part marking
Easy to move and operate

Options & Accessories:
- Software
- Laser Generator Life
- Cooling
- Power Supply
- Mini Line Characters
- Mini Line Width
- Marking Depth
- Frequency Of Pulse
- Wave Length
- Repeated Precision
- Marking Speed
- Optional Marking Area
- Power Output

<table>
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<tr>
<th>Model</th>
<th>Laser power range</th>
<th>Laser Generator Life</th>
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<th>Mini Line Characters</th>
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<tr>
<td>KT-LF 10</td>
<td>10W</td>
<td>50000~100000 hours</td>
<td>Air</td>
<td>AC220V±10% 50Hz</td>
<td>0.2mm</td>
<td>0.01mm</td>
<td>≤0.1mm</td>
<td>20-80KHZ</td>
<td>1064±10nm</td>
<td>≤0.001mm</td>
<td>≤7000mm/s</td>
<td>110mm x 110mm</td>
<td>10W</td>
</tr>
<tr>
<td>KT-LF 15</td>
<td>15W</td>
<td>50000~100000 hours</td>
<td>Air</td>
<td>AC220V±10% 50Hz</td>
<td>0.2mm</td>
<td>0.01mm</td>
<td>≤0.1mm</td>
<td>20-80KHZ</td>
<td>1064±10nm</td>
<td>≤0.001mm</td>
<td>≤7000mm/s</td>
<td>175mm x 175mm</td>
<td>15W</td>
</tr>
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- Air-cooled fans draw air through the working table with screw holes
- LED light focus
- Easy focus height indication
- Motor Accessories
- Tool Accessories
- Precision Equipment
- Electrical Appliances
- Integrated Circuits (IC)
- Electronic Components
- Rare Metals
- Zinc
- Aluminium
- Copper
- Alloy
- Materials

- Column (Can adjust height 0~50cm)
- Support high-definition logo and image marking
- Barcode/2d Code marking possible
- Marks all surfaces with a min. line width of 0.01mm
- Superior quality laser module (working life 50000 – 100000 hours)
- Ability to work 24/7 continuously
- Efficient water cooling system
- No fear of shock during operation
- Superb performance
- High-efficiency in every aspect
- High speed marking of up to 7000mm/s
- Marks perfectly accurate characters in very small areas
- Easy to move and operate
- Increased savings with low power consumption
- Eco-friendliness helps combat environment damage
- Offers increased flexibility and convenience
- Marks perfectly accurate characters in very small areas
- High-speed Galvo scanner results in a 20% speed increase
- Windows XP or 7/AI, PLT, DXF, DST, BMP, JPG, JPEG, PNA, TIF etc.

http://www.ktmarking.com/