Meera Laser Solutions
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Intelligent

Integrated design
Follows minimalism and designed in compact structure, it surpasses the previous generation of marking machines in smaller size, better heat dissipation, and lower standards for space and location.

Motorized lift
Update manual lift to motorized as you please; simple control the handle of the film button.

Update

Running - data monitoring
The running - data monitoring system is powered by internet platform which is developed based on computer technology and the top three functions are data acquisition and transmission, data analysis and processing, and display. All Parameters can be obtained from your mobile APP.

Auto - focus
Exclusive research and development of high-precision auto-focus is advanced in one-key precise focus, safety protection, progress reminder, and simple maintenance.

Optional UIY setting
The mode of Updating it Yourself (UIY) is offered and it’s optional for you to decide software update based on entry-level model, so as to achieve your own expectation. Optional tools are 3D marking software, 3D galvanometer, auto-focus, electric lift and diverse extensive functions.

Class I shield
Top-class custom shield, with wonderful industrial design containing aesthetic value and the function of improving machine’s safety performance, is in line with European safety manufacturing standards.

Detachable side door
The side door is designed removable and detachable, for saving your time and making it easier to operate.

3D galvanometer
Optional 3D galvanometer will be connected in only five minutes and 3D marking can be started easily by being compatible with the software package of 3DLASER.
Safety protection

24V low voltage
It adopts low voltage DC24V to control the equipment start and stop, meet European standard of low voltage start-up requirement. Compatible input voltage is AC 85-265V, frequency is 50HZ / 60HZ.

Security shutter
It adopts inductive shut-off technology, if the operator open the door when the laser is working, the shutter will be immediately shut down to effectively reduce accidental injury by fault operation.

Protective window
Professional protective window to watch the work of the laser at any time.

3D relief function
It adopts 3D relief engraving feature to get 3D objects by laser stripping the layers on the object accurately.

3-axis dynamic focusing system
Equipped with 3-axis optical system, through move z axis mirror forth and back, to achieve the change of focal distance variably.
Expanded function

- **Rotary**
  A wealth of optional accessories, according to user scenarios for fast fitting. Increase the rotating head, which can achieve 360° marking.

- **Disk rotation**
  It achieves multi-station marking by disk rotation.

Technical parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Model</td>
<td>CK-F8 (A)</td>
</tr>
<tr>
<td>Laser power</td>
<td>20W/30W/50W/60W/100W/120W</td>
</tr>
<tr>
<td>Frequency</td>
<td>1400kHz</td>
</tr>
<tr>
<td>Wavelength</td>
<td>1064nm</td>
</tr>
<tr>
<td>Marking range</td>
<td>150mm*150mm (Optional)</td>
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<tr>
<td>Variable focus</td>
<td>±20mm</td>
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<tr>
<td>Marking mode</td>
<td>2D/3D</td>
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<tr>
<td>Minimum line width</td>
<td>0.03mm</td>
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<tr>
<td>Marking speed</td>
<td>8000mm/s</td>
</tr>
<tr>
<td>Dimension</td>
<td>599mm<em>554mm</em>752mm</td>
</tr>
<tr>
<td>Update</td>
<td>3D galvanometer, 3D software, 3D relief function, Auto-focus, Motorized lift</td>
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</tbody>
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