At only 55 mm square around its central core, FiberMINI® Weld is an ultra-compact, lightweight welding head for all fiber-delivered, solid-state laser systems to 4 kW.

FiberMINI® Weld has a simple, yet flexible design that allows Laser Mech to optimize the processing head to the end user’s requirements. Optics are protected against contamination by an easily accessible cover glass. Offered with either straight or right angle fiber inputs, FiberMINI® Weld delivers both user-friendly operation and reliable performance at an attractive price.

Available in focal lengths to 400 mm, FiberMINI® Weld features 10 mm of manual focus adjustment, optional camera viewing and an effective air knife to help extend the life of the cover glass.

**Features**

- Available in focal lengths to 400 mm
- 10 mm of lens movement to set focus
- Effective air knife to help extend the life of the cover glass

**Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Rating</td>
<td>up to 4 kW</td>
</tr>
<tr>
<td>Clear Aperture</td>
<td>25 mm</td>
</tr>
<tr>
<td>Collimator Focal Lengths</td>
<td>35 mm, 60 mm, 75 mm, 100 mm</td>
</tr>
<tr>
<td>Focusing Lenses</td>
<td>100 mm to 400 mm</td>
</tr>
<tr>
<td>Fiber Connections</td>
<td>QD (LLK-D, LCA), QBH (HLC-8), LLK-B (Q5)</td>
</tr>
<tr>
<td>Weight</td>
<td>~2.5 kg*</td>
</tr>
</tbody>
</table>

*Base configuration. Weight will vary based on options added.

Specifications subject to change without notice.

Laser Mech® and FiberMINI® are registered trademarks of Laser Mechanisms, Inc.
FiberMINI Weld Configurations

FiberMINI ST
Non-Viewing

FiberMINI RA
Offset Viewing

FiberMINI RA
Right-Angle Viewing

FiberMINI ST
Straight Viewing

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