RLH-A Basic

SIMPLE TEACHING AND HIGHEST PRECISION

The RLH-A Basic is a cost effective solution as a versatile high-precision system for surface hardening and softening. Its patented temperature control opens up a wide range of application possibilities: from filigree work to large and complex jobs.

FEATURES

- Temperature control to prevent thermal overlap softening
- Reproducible hardness values through temperature control
- Modular concept: configuration-kit provides German high-tech for flexible and effective applications

APPLICATIONS

- Hardening of stamping die and tooling parts
- Hardening of powertrain parts
- Softening of body-in-white parts

Fixed spot 19 mm x 19 mm

Laser hardening of complex stamping die and tooling parts

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Wavelength</td>
<td>910 – 1085 nm</td>
</tr>
<tr>
<td>Laser power</td>
<td>8 kW (up to 12 kW on demand)</td>
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<tr>
<td>Laser source</td>
<td>Suitable for diode, disc and fiber laser</td>
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<tr>
<td>Measuring range of pyrometer</td>
<td>800 to 1600°C</td>
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</tbody>
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