E line
Precision Honing Machine

KADIA
Eco Honing Machine E line.
The most cost-effective solution for high-precision honing.
**Premium Honing Technology with 1 Honing Station.**
All-purpose ultra-compact honing machine: from prototype to series production.

**Highlights**
- Perfect for small to medium production volumes
- Minimum space requirement with possible installation close to the wall
- Machine-integrated control cabinet
- Optional: Machine-integrated coolant and extraction system
- Fixed table or rotary table workpiece transport
- Modular station configuration with 1 honing spindle
- KADIA Smart Dynamic honing technology
- Optional: Measuring station with up to 16 air gaging levels and air scanning function
- Automation solutions are feasible

**Technical data KADIA E line**

<table>
<thead>
<tr>
<th>Basic machine</th>
<th></th>
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<tbody>
<tr>
<td>Dimensions [WxDxH]</td>
<td>1,302 x 1,803 x 2,535 mm</td>
</tr>
<tr>
<td>Weight [max.]</td>
<td>3,200 kg</td>
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<tr>
<td>Color</td>
<td>RAL 7035 with RAL 7016</td>
</tr>
<tr>
<td>Noise emission^[1]</td>
<td>&lt; 72 dB(A)</td>
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<table>
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<tr>
<th>Honing spindle</th>
<th>LH2/25</th>
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<tbody>
<tr>
<td>Stroke length^[2] [max.]</td>
<td>250 mm</td>
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<tr>
<td>Stroke speed [max.]</td>
<td>50 m/min</td>
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<tr>
<td>Spindle speed^[3] [max.]</td>
<td>5,000 rpm</td>
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<tr>
<td>Material removal rate^[4] [max.]</td>
<td>18 mm³/s</td>
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</tbody>
</table>

^[1] Dependent on the machining process
^[2] Special stroke length is possible: LH2/40 with max. 400 mm
^[3] Spindle speed without internal coolant supply: max. 8,000 rpm
^[4] Rough machining with 80% utilization of honing spindle
Smart Dynamic Honing Technology.

HMC100 – intelligent and intuitive
High-performance honing control
- State-of-the-art honing programs
- Integrated process force measurement
- User-friendly 19” display
- Latest hardware generation
- Flexible for future options

LH2 / LH3 – fast and productive
Lean high-speed honing spindles (pat.)
- Compact and modular design
- Linear drive with 5 year warranty
- Very high material removal rate
- Ultra-precise spindle run-out
- Internal coolant supply