

L line Precision honing machine



Long-stroke honing machine L line.

Intelligent honing for short cycle times and fine surfaces.



High performance with 1 or 2 honing stations.

Compact vertical machine for series production of long bores.

Highlights

- Perfect for medium to large production volumes
- Compact design with little space requirement
- Machine-integrated control cabinet
- Comfortable two-level workspace
- Rotary table with automatic workpiece clamping
- Modular configuration with 1 or 2 honing spindles
- KADIA Smart Dynamic honing technology
- Honing process with defined stock removal or honing to target diameter
- Optional functions: direct or indirect measurement, blow-off, suction
- Automation solutions are feasible

Technical data KADIA L line

Basic machine

Dimensions [WxDxH]	1,980 x 2,430 x 3,900 mm
Weight [max.]	8,500 kg
Color	RAL 7035 with RAL 7016
Noise emission ⁽¹⁾	< 72 dB(A)

Honing spindle

Honing spindle	LH2/120
Stroke length [max.]	1,200 mm
Stroke speed [max.]	100 m/min
Spindle speed [max.]	5,000 rpm
Material removal rate ⁽²⁾ [max.]	18 mm ³ /s

⁽¹⁾ Dependent on the machining process

⁽²⁾ Rough machining with 80% utilization of honing spindle



Smart Dynamic Honing Technology.

Less complexity. More efficiency.



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



KADIA Produktion GmbH + Co.

Fabrikstr. 2 | D-72622 Nürtingen | Germany

www.kadia.com

info@kadia.com

KADIA is certified in compliance with ISO 9001, VDA 6.1 and VDA 6.4