

E line High Performance Honing Machine



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

Key Features

- Minimal footprint with wall-adjacent installation
- Machine-integrated control cabinet
- 3-station rotary table with adaptive speed control
- Modular station design with 1 honing spindle
- High-dynamic LH honing spindle with direct drives
- Smart HMC100 honing control with 19-inch display
- Pneumatic measuring station with scan function
- Brush deburring with tool changer (optional)
- Integrated coolant-lubricant filtration system
- Oil mist extraction from the work area (optional)
- Compatible with various automation solutions

Technical Data

Base machine

Dimensions [LxWxH]	2,036 × 1,350 × 2,630 mm (80.2 × 53.1 × 103.5 in)
Weight	3,500 kg (7,716 lbs)
Color	RAL 7035 with RAL 7016
Noise emission ⁽¹⁾	< 75 dB(A)

Honing spindle

LH2x

Stroke length [max.]	500 mm (19.7 in)
Stroke speed [max.]	100 m/min (328 ft/min)
Spindle speed [max.]	10,000 rpm
Material removal rate ⁽²⁾ [max.]	20 mm ³ /s (0.073 in ³ /min)

⁽¹⁾ Dependent on the machining process

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



HIGH PERFORMANCE HONING

Highest Quality. Maximum Productivity.



E line



U line



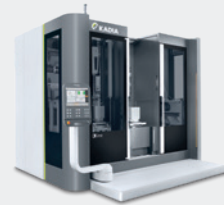
V line



T line



R line



X line



L line